

# CATALOGUE

2024







## Foreword

#### Dear Reader

Welcome to Würth South Africa, your premier destination for Assembly and Fastening Material. As a global leader, we take pride in offering an extensive selection of over 6000 products tailored to meet the diverse demands of industries including Automotive, Cargo, Metal, Mining, Construction, Wood, and Installation.

At Würth, our commitment extends beyond delivering top-notch products. Our dedication to customer service is unparalleled. We operate a sophisticated nationwide delivery network, ensuring swift and efficient delivery directly to our customers, enabling seamless project execution.

Moreover, our dedication to customer service is unparalleled. With 15 Pick-up Shops, an Online E-Commerce Store and App, an efficient Call Centre, and a Team of over 290 Customer Service Consultants, we strive to provide multiple channels for our customers to access our premium quality Würth products in various locations.

Our sophisticated systems and storage solutions, as well as the possibilities of paperless integrations with our customers' procurement systems, make us the preferred supplier in the market, not just for the quality products but also for the solutions we can offer our customers.

Understanding our customers' needs lies at the core of our ethos. We continuously strive to offer relevant solutions, ensuring utmost satisfaction for our valued clientele. We want to be the number 1 in the eyes of our customers and build long-term partnerships which ensure the mutual success of both our and your business.

Thank you for choosing Würth South Africa. Your trust is our motivation as we continue to serve and innovate in the pursuit of excellence.

Regards,

#### Your Würth South Africa Team



## INSPIRED BY YOU.

## MADE BY WURTH.





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## ANCHORS





### Anchor fixings general

Plastic anchor		Securing sleeve	
	Plastic anchor, others		For quick and economic mounting of light attachment parts in all solid materials, galv. steel
Description:	Article:	Description:	Article:
WALL PLUGS M6 WALL PLUGS M10	0903000006 0903000010	SECURING SLEEVE 6X60MM	090506 60
Plastic multi-purpose Zebra Sha	rt® graber without collar	Plastic multi-purpose ZEBRA Sha	rk® anchor with collar
ridslic mulii-purpose Zebra She		Flashic multi-purpose ZEBKA Sha	
	Universal anchor for fixtures in almost all building materials (low load range)		Universal anchor for fixtures in almost all building materials (low load range)
Description:	Article:	Description:	Article:
ZEBRA PLUG BROWN COLLARESS 5X31 ZEBRA PLUG BROWN COLLARLESS 6X36	090600531 090600636	ZEBRA PLUG WHITE WITH COLLAR 5X32 ZEBRA PLUG WHITE WITH COLLAR 6X37	090600532 090600637
ZEBRA PLUG BROWN COLLARLESS 8X51	090600851 090601061	ZEBRA PLUG WHITE WITH COLLAR 8X52	090600852 090601062
ZEBRA PLUG BROWN COLLARLESS 10X61 ZEBRA PLUG BROWN COLLARLESS 12X71	090601271	ZEBRA PLUG WHITE WITH COLLAR 10X62 ZEBRA PLUG WHITE WITH COLLAR 12X72	090601082
Plastic multi-purpose anchor St	LARK® Pro	Nail anchor W-ND	
ridshe mon-porpose anchor of			En fantanian amuna daimh an ladha dhia
	The most versatile plastic anchor. Knots into cavities, expands in solid materials		For fastening squared timbers, laths, thin sheets and all components for recessed mounting. Wall plug body with countersunk head, nails zinc-plated steel
Description:	Article:	Description:	Article:
PLASTIC MULTI-PURP DOWEL SHARK 6X35 PLASTIC MULTI-PURP DOWEL SHARK 8X46	590620635 590620846	NAIL ANCHOR WIND 8X80MM	5907208080
PLASTIC MULTI-PURP DOWEL SHARK 10X56 PLASTIC MULTI-PURP DOWEL SHARK 12X66	590621056 590621266		
PLASTIC MULTI-PURP DOWEL SHARK 12X00	590621288		

#### **Anchors**



#### Anchor fixings general

#### Nail anchor W-ND, flat head

For securing angle brackets, panels, metal sheets, cable ducts and any components for non-recessed installation Wall plug body with flat head, nails zinc-plated steel



#### Nail anchor W-ND, flat head



For securing angle brackets, panels, metal sheets, cable ducts and any components for non-recessed installation Wall plug body with flat head, nails zinc-plated steel

Description:	Article:	Description:	Article:	
PLASTIC NAIL ANCHOR 5X35MM	5907105035	NAIL IN ANCHORS 8X100	9500500364	
PLASTIC NAIL ANCHOR 6X40MM	5907106040	NAIL IN ANCHORS 8X60	9500500365	
		NAIL IN ANCHORS 8X80	9500500366	
		NAIL IN ANCHORS 6X35	9500500455	
		NAIL IN ANCHORS 6X50	9500500456	
		NAIL IN ANCHORS 6X60	9500500457	
		NAIL IN ANCHORS 6X70	9500500458	
		NAIL IN ANCHORS 8X120	9500500459	



#### Chemical mounting systems

Application gun EasyMax		Application gun WIT-Multi	
	Manual application gun for WIT cartridges		For application of virtually all WIT cartridg and silicone cartridges
Description: PPLICATOR GUN FOR 00903 450 205	Article: 0891007202	Description: APPLICATOR FOR WIT-PE500	Article: 0891003105
All-rounder injectable mortar	WIT-VM 250	Blow-out pump	
	The all-rounder for concrete, masonry and post-installed rebar connections		Blow-out
Description: 117 VM 250 300ML 117 VM 250 420ML	Article: 0903450201 0903450205	Description: BLOW OUT PUMP	Article: 0903990001
11 YM230 #20WL	07004-0200	I	
Cleaning brush	For drill hole cleaning in concrete and masonry (WIT-VM 250, WIT-UH 300, W- VIZ, WIT-CONCRETE SCREW, WIT-PM 200, WIT-NORDIC, WIT-PE 500)	Suction bell	Vacuum cleaner adapter for extracting drilling dust when drilling or cleaning holes
Description: LEANING BRUSH RMB 10 THR:M6 LEANING BRUSH WITH THREAD M6	Article: 0903489610 0903489612	Description: SUCTION BELL	Article: 0903990010
njectable mortar WIT-PE 500	) WIT-PE 500	Mixer nozzle WIT-MX	
	Long processing time, ideal for deep effective anchorage depths		Mixer nozzle WIT-MX
0			
Description:	Article:	Description:	Article:



#### Chemical mounting systems

SH perforated sleeve		Mixer nozzle FILL & CLEAN	
	Masonry, individual fixing point		For WIT cartridges of WIT-VM 250, WIT-VM 100, WIT-Nordic, WIT-Express, WIT-PM 200, WIT-EA 150 systems with cleaning element
Description: ANCHOR SLEAVE 12X80MM ANCHOR SLEAVE 16X85MM ANCHOR SLEAVE 16X130MM ANCHOR SLEAVE 20X85MM ANCHOR SLEAVE 20X130MM ANCHOR SLEAVE 20X200MM	Article: 090344 123 090344 164 090344 165 090344 203 090344 204 090344 205	Description: MIXING NOZZLE FOR CHEMICAL ANCHOR	Article: 0903420001
Mixer nozzle		Cleaning brush	
	For mixing injectable mortar components		For hole cleaning of WIT injection systems in masonry (WIT-VM 250, WIT-Nordic, WIT- PM 200)
MONOVANOVANAMAMA		-44444444444444444444444444444444444444	
Description: MIXING NOZZLE FOR PESOO	Article: 0903488101	Description: BRUSH FOR HOLES W/O SLV M6-9X80X120	Article: 0905499020
Machine chuck SDS-plus drive a	ırbor, M6	Hexagonal M6 machine chuck	
	Machine holder Plus M6		Machine mounting hexagon
	Article:		Article:



#### Chemical mounting systems

le W-VPZ
Pre-assembled mortar cartridge for compound anchor W-VPZ (cracked and uncracked concrete). Can be used even in extremely low and high temperatures
Article: 5915508085 5915510090 5915512095 5915516095
Concrete Multi WIT-UH 300
High-performance mortar for concrete and post-installed rebar connections
Article: 5918500320 5918504280
URE EPOXY WIT-PE 1000
Pure epoxy mortar with a long processing time, ideal for large anchoring depths and drilling holes as well as high temperatures. For bonded anchor, concrete and post- installed rebar connection with subsequent mortaring (REBAR)
Article: 5918605585

### **Anchors**



#### Frame mounting systems

#### Plastic frame anchor SHARK® UR F

Plastic frame anchor with comprehensive ETA rating for masonry, aerated concrete and concrete. With hexagon head bolt and pressed washer made of zinc-plated steel



**Description:** PLASTIC FRAME ANCHOR SHARK 10X80MM PLASTIC FRAME ANCHOR SHARK 10X135MM

Article: 5912810601 5912810604

#### Lightweight building component fixings

#### Gypsum plasterboard anchor W-GS type K



For cost-effective and fast installation in gypsum plasterboard, without the need for pre-drilling or an additional setting tool, with hexagon drive

Description:	Article:
NYLON DRYWALL PLUG	09032511

#### Plasterboard plug W-GS Type ZD



**Description:** DOWEL PLASTERBOARD ZINC 14.5X33 For quick and easy installation in gypsum plasterboard/gypsum fibreboard, without pre-drilling and without additional setting tool

Article: 09032521

#### **Anchors**



Drop-in anchor W-ED/S		Concrete screw with hexagon head W-BS/S	
	Female thread anchor with metric thread for economical anchoring in concrete, zinc- plated steel		Highest load capacities and efficient mounting. Ideal for mounting metal structures in concrete, zinc-plated steel
		ter en fan fan fan fan fan fan fan fan fan fa	
Description:	Article:	Description:	Article:
WEDGE ANCHOR W-ED/S 6X30MM WEDGE ANCHOR W-ED/S 8X30MM WEDGE ANCHOR W-ED/S 10X40MM WEDGE ANCHOR W-ED/S 12X50MM WEDGE ANCHOR W-ED/S 16X65MM	090401006 0904010081 090401010 090401012 090401012	CONCRETE SCREW HEX HEAD 10x80 CONCRETE SCREW HEX HEAD 10X100 CONCRETE SCREW HEX HEAD 10X120 CONCRETE SCREW HEX HEAD 12X110 CONCRETE SCREW HEX 14X80MM	5929121025 5929121045 5929121065 5929122045 5929122005
WEDGE ANCHOR W-ED/S 20X80MM WEDGE ANCHOR W-ED/S 5X25MM	090401020 09045	CONCRETE SCREW HEX 14X110MM CONCRETE SCREW HEX 14X130MM CONCRETE SCREW HEX HEAD 5X40MM CONCRETE SCREW HEX HEAD 5X50MM CONCRETE SCREW HEX HEAD 5X60 CONCRETE SCREW HEX HEAD 5X50	5929124035 5929125055 5929125005 5929125015 5929125025 5929125025
		CONCRETE SCREW HEX HEAD 6X60 CONCRETE SCREW HEX HEAD 6X80 CONCRETE SCREW HEX HEAD 8x70	5929126025 5929126045 5929128025

CONCRETE SCREW HEX HEAD 8X80 CONCRETE SCREW HEX HEAD 8X100 5929128035 5929128055

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#### Concrete screw with countersunk head W-BS/S

Highest load capacities and efficient mounting. For flush-mount mounting of e.g. railings or handrails in concrete, zinc-plated steel



Description:	Article:
CONCRETE SCREW CSK TORX M10X90MM	5929131035
CONCRETE SCREW COUNTERSUNK 10X120MM	5929131065
CONCRETE SCREW COUNTERSUNK 5X40MM	5929135005
CONCRETE SCREW COUNTERSUNK 5X50MM	5929135015
CONCRETE SCREW COUNTERSUNK 5X60MM	5929135025
CONCRETE SCREW COUNTERSUNK 6X40MM	5929136005
CONCRETE SCREW COUNTERSUNK M6X60	5929136025
CONCRETE SCREW HEX HEAD 6X80	5929136045
CONCRETE SCREW COUNTERSUNK 6X100MM	5929136065
CONCRETE SCREW COUNTERSUNK 6X120MM	5929136085
CONCRETE SCREW COUNTERSUNK 6X140MM	5929136105
CONCRETE SCREW COUNTERSUNK 6X160MM	5929136125
CONCRETE SCREW TORX HEAD 8X80	5929138035
CONCRETE SCREW COUNTERSUNK 8X100MM	5929138055

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## AUTOMOTIVE PARTS

READY FOR WORK



#### Vehicle accessory

Towbar, professional		Front and wing protector	
0	Tow bar Pro	Contraction of the second seco	Front and wing protector, others
Description:	Article: 077204 400	Description: FENDER COVER SAND FILLED	Article: 08996005
Non- woven seat protector	07204400	Vehicle interior protection	· · · · · · · · · · · · · · · · · · ·
WURTH	Environmentally friendly alternative to single use disposable plastic seat covers	CLEAN SET S in 1 WURTH	For the vehicle interior
Description: SEAT COVER - WASHABLE	Article: 0899500058	Description: 5-IN-1 CAR CLEAN SET	Article: 0899500004
Mudguard protector, synthe	etic leather, magnetic	Number plate holder with	n steel backing
WURTH	Protects against damage during maintenance and repair work	6	Number plate holder with steel backing
Description: WING COVER	Article: 0899600	Description: NUMBER PLATE HOLDER 440MM X 120MM NUMBER PLATE HOLDER 520MM X 113MM	Article: 9500500349 9500500350



#### Vehicle air conditioning technology

#### Adapter set LED digital thermometer Straight screw adapter with 1/4" SAE Digital LED thermometer internal thread x service connection, high and low pressure Article: Article: **Description:** Description: AIRCON VESSEL ADAPTOR HIGH/LOW SET 0764000134 DIGITAL A/C THERMOMETER 0764000013 Electronic refrigerant leak detector Filling adapter To detect leaks of CFC, HFC and HCFC Screw-on adapter for filling all associated air refrigerant (including mixtures), also suitable conditioning fluids for HFO 1234YF Article: Article: **Description:** Description: LKDET-SET-CAR-HALOGEN-REFRIGERANT 0764000700 FILLING ADAPTOR FOR A/C LIQUIDS 0764000124 Removal adapter set R1234YF Quick-release service coupling Quick-release coupling for R1234YF A/C Removal adapter set R1234YF units **Description:** Article: Article: Description: AY-QUICKCOUPING-A/C-IP-M12X1,5-HFO1234YF AY-QCKCUPI-A/C-HP-HFO1234YF-M12X1,5 0764000810 0764000811 REMOVAL ADAPTER SET R1234YF 2PCS 0764000812



Screw-type clamp		Screw terminal	
	Battery terminal clamp		Battery terminal clamp for MAN/BÜSSING
<b>escription:</b> TTERY TERMINAL +R 0.50MM TTERY TERMINAL -R 0.50MM TTERY TERMINAL -R 0.50MM	Article: 05101 05102 05103	Description: BATTERY TERMINAL H/D + 0 -70mm2 BATTERY TERMINAL CLAMP	Article: 051019 051020
crew terminal		EBS spiral wire 7-pin 24V	
	Battery terminal for MAN steel zinc plated		EBS spiral cable 7-pin
Pescription:	Article:	Description:	Article:
TTERY TERMINAL MAN POS TTERY TERMINAL MAN NEG	051017 051018	2X7 PIN EBS ELECTRICAL SUZI CABLE	051095071
piral wire 15-pin 24 V		Spiral wire 7-pin 12V	
	Spiral cable 15-pin 24V		Spiral cable 7-pin 12 V
X 7 PIN ELECTRICAL COIL 4 METER 15 PIN ELECTRICAL SUZI CABLE V 15 PIN X 12V 7PIN ELECT SUZI	Article: 0510950279 0510950286 051095060	Description: 7 CORE ELECTRICAL SUZI 12V	Article: <sup>051095602</sup>
X 7 PIN ELECTRICAL COIL 4 METER 15 PIN ELECTRICAL SUZI CABLE V 15 PIN X 12V 7PIN ELECT SUZI	0510950279 0510950286		
Pescription: IX 7 PIN ELECTRICAL COL 4 METER IS PIN ELECTRICAL SUZI CABE V 15 PIN X 12V 7PIN ELECT SUZI Piral wire 7-pin 24V Compared wire 7-pin 24V	0510950279 0510950286 051095060	7 CORE ELECTRICAL SUZI 12V	051095602



	7-pin connector 12 V	
wire (4-Core) spiral cable 12 V - 24 V		Threaded connection with rubber seal provides protection against splash water an dirt
Article: 051095611	Description: 7 POLE ALU TRAILOR PLUG 7 PIN MALE PLUG	Article: 0555305517 0555405517
	7-pin socket 24V	
7-pin socket 12V		7-pin socket 24 V
Article: 0555305118 0555405118	Description: 7 POLE PLASTIC TRAILOR PLUG SOCKET	Article: 0555506411
	Heat-shrink crimp butt connec	tor
Branch connector, detachable	(monorg account)	Dust-proof and damp-proof connections
Article: <sup>0555951</sup>	Description: RED HEAT SHRINK CRIMP CONNECTOR BLUE HEAT SHRINK CRIMP CONNECTOR YELLOW HEAT SHRINK CRIMP CONNECTOR	Article: 05555101 05555102 05555104
Deutsch DT plug housing	Socket housing Deutsch DT se	pries Deutsch DT socket housing
Article:	Description:	Article:
	Article:         051095611         7-pin socket 12V         Article:         0555305118         0555405118         Branch connector, detachable         Article:         0555951         Deutsch DT plug housing	wire (4-Core) spiral cable 12 V-24 V       Image: Comparison of the spiral cable 12 V-24 V         Article:       Description:         prime socket 12 V       Image: Comparison of the spiral cable 12 V         Zrpin socket 12 V       Image: Comparison of the spiral cable 12 V         Zrpin socket 12 V       Image: Comparison of the spiral cable 12 V         Zrpin socket 12 V       Image: Comparison of the spiral cable 12 V         Zrpin socket 12 V       Image: Comparison of the spiral cable cab



Fuse holder		Fuse holder	
	For direct cable clamping		Inline design
Description: SOCKET FUSE HOLDER	Article: 0555972	Description: BLADE FUSEHOLDER WATERPROOF	Article: 0555974
Blade terminal splitter		Blade terminal bus bar	
	Elet connector innetion		Flat connector strip
	Flat connector junction		riat connector strip
Description: 3WAY CABLE JOINT TRANSPARENT 4 WAY TERMINAL BLOCK TRANSPARENT	Article: 055511 055512	Description: 12 TERMINAL CONNECTOR STRIP	Article:
		·	
Fuse holder for ceramic safety fu	ISES	Heat-shrink solder butt connector	
	Design: ceramic fuse strip 25 x 6 mm		Dust-proof and damp-proof connections
Description: BLACK FUSE HOLDER 25 MM	Article: <sup>0555625</sup>	Description: BUTT CONNECTOR RED HEAT SHRINK 2.7MM BUTT CONNECTOR BLUE HEAT SHRINK 4.5MM BUTT CONNECTOR YELL HEAT SHRINK 6MM	Article: 05559231 05559232 05559233
Branch connector non-detachabl	e	Multi-point housing	
	Junction connector, non-detachable		Plug connection for blade connector 6.3×0.8 mm
Description: CABLE JOINT RED CABLE JOINT VELLOW CABLE JOINT BLUE	Article: 0555557 0555562 0555564	Description: TERMINAL CONNECTOR HOUSING FEMALE TERMINAL CONNECTOR HOUSING FEMALE TERMINAL CONNECTOR HOUSING FEMALE TERMINAL CONNECTOR HOUSING FEMALE TERMINAL CONNECTOR HOUSING FEMALE	Article: 05551001 05551002 05551003 05551004 05551006 05551008



Multi-point housing		Sealing stoppers Deutsch DT	series
	Plug connection for push connector 6.3x0.8 mm	0	Seal plug for Deutsch DT
Description: Erminal connector housing male erminal connector housing male erminal connector housing male erminal connector housing male erminal connector housing male	Article: 055510011 055510021 055510041 055510041 055510061 055510081	Description: SEAUING PLUG	Article: 0555208001
Vaterproof pin housing		Waterproof socket housing	
	Waterproof pin housing	J.	Waterproof socket housing TE
Description: VATERPROOF FEMALE HOUSING 2PIN VATERPROOF FEMALE HOUSING 3PIN VATERPROOF FEMALE HOUSING 5PIN VATERPROOF FEMALE HOUSING 6PIN	Article: 05551022 05551023 05551024 05551025 05551026	Description: WATERPROOF MALE HOUSING 1PIN WATERPROOF MALE HOUSING 2PIN WATERPROOF MALE HOUSING 3PIN WATERPROOF MALE HOUSING 3PIN WATERPROOF MALE HOUSING 5PIN	Article: 05551031 05551032 05551033 05551034 05551035 05551036
Nedge lock pin housing De	uttab DT sories	Wedge lock socket housing [	
Wedge lock pill housing De	Wedgelock for Deutsch DT plug housing	wedge lock socker housing t	Wedgelock for Deutsch DT socket housing
and the second s			
Description: Deutsch 2 PIN WEDGE LOCK FEMALE DEUTSCH 3 PIN WEDGE LOCK FEMALE DEUTSCH 4 PIN WEDGE LOCK FEMALE DEUTSCH 6 PIN WEDGE LOCK FEMALE DEUTSCH 12 PIN WEDGE LOCK FEMALE DEUTSCH 12 PIN WEDGE LOCK FEMALE	Article: 0555209002 0555209003 0555209004 0555209006 0555209008 0555209012	Deutsch 2 Pin Wedge Lock Male Deutsch 3 Pin Wedge Lock Male Deutsch 3 Pin Wedge Lock Male Deutsch 4 Pin Wedge Lock Male Deutsch 6 Pin Wedge Lock Male Deutsch 12 Pin Wedge Lock Male	Article: 0555209102 0555209103 0555209104 0555209106 0555209108 0555209112



Angle blade receptacle		Blade connector
	Angled push connector	Blade connector
Description: SPADE TERMINAL FEMALE OFFSETBMM WIDE SPADE FEMALE TERMINAL OFFSET 6.3MM FEMALE SPADE TERMINAL OFF 1.0-2.5MM	Article: 05586302 05589941 05589961	Description:         Article:           SPADE TERMINAL MALE NON INSULATED         05585019           SPADE TERMINAL MALE LONG + NOSE         05585054           SPADE TERMINAL MALE 2.8MM (1-1.5MM)         05585054           SPADE TERMINAL ALE 2.8MM (1-1.5MM)         05585135           SPADE TERMINAL MALE 2.8MM (1-1.5MM)         05585135           SPADE TERMINAL MALE 2.9MM WIDE         05585144           MALE SPADE TERMINAL LOCK 1.02.5MM         05589918           MALE SPADE TERMINAL LOCK 4.0-6.0MM         05589934           TERMINAL MALE CR4.1 LOCK 0.5-1.0MM         05589935
Crimp cable lug, blade conne	ctor Blade connector	MALE SPADE TERMINAL LOCK 4.0-6.0MM       05589963         Crimp cable lug, butt connector         Butt connector insulated
Description: TERMINAL SPADE MALE INS RED M4.8 TERMINAL SPADE MALE INS BLUE M4.8 TABCON-RED-6,3X0,8MM TABCON-UEL6,3X0,8MM TABCON-YELLOW-6,3X0,8MM TERMINAL SPADE MALE INS RED M2.8	Article: 05589391 05589392 05589441 05589452 05589454 05589454	Description:         Article:           BUTTCON-RED-(0,5-1,0SMM)         05589251           BUTTCON-YELLOW-(4,0-6,0SMM)         05589274
Earth rivet with blade connecte	or 6.3	Flat connector 6.3
	Bore diameter 5.2 mm	Flat plug 6.3 AF 6 mm
- 10-		
Description: MALE TERMINAL RING TONGUE WITH RIVET	Article: 05585049	Description:         Article:           MALE RING TONGUE TERMINAL 6.3X0.8MM         05581730



Flat connector 6.3		Flat conn. cont. Junior Timer (JT) 2	2.8
	Flat plug 6.3 plain		Flat plug contact Junior Timer (JT) 2.8
Description: TERMINAL NON INS MALE BENT M5HOLE	Article: 055816061	Description: BLADE TERMINAL CONTACT 0.5-1.5MM BLADE TERMINAL CONTACT 1.5-2.5MM	Article: 05589909 05589969
Flat connector contact MCP 2.8		Flat connector contact Micro Time	er (MT II+III) 1.6
	Flat plug contact MCP 2.8		Flat plug contact Micro Timer (MT II+III) 1.6
Description:	Article: 0558198002	Description: BLADE TERMINAL CONTACT 0.5 - 1.0MM	Article: 05581909
Flat connector contact MINI MIC		Flat connector contact Standard I	
	Flat plug contact MINI MIC SRS 1.5		Flat plug contact Standard Power Timer(SPT) 4,8/58
Description:	Article:	Description:	Article:
TERMINAL 0.75-1.5MM	055899582	PLUG IN CONNECTOR 5.8MM	055899723
Flat connector contact Standard		Flat connector 2.8	
	Flat plug contact Standard Timer (ST) 4.8/6.3		Flat plug, 2.8 unsealed
Description: PLUG IN CONNECTOR 0.5-1.5MM	Article: 05589972	Description: MALE SPADE TERMINAL LOCK 0.5-1.0MM	Article: 05589924



Flat connector Junior Power Tin	ner (JPT) 2.8	Flat connector MINI MIC SRS	1.5
	Flat plug, Junior Power Timer (JPT) 2.8		Flat plug, MINI MIC SRS 1.5
Description: PLUG IN CONNECTOR 2.8MM	Article: 055819082	Description: TERMINAL 0.75-1.5MM (PLUG 1.5 X 0.8)	Article: 055899581
Crimp cable lug, push connected	or, fully insulated	Insulating grommet	
	Flat plug-in sleeve PVC fully insulated		Insulating grommet for blade connector
Description: TERMINAL SPADE FEM FUL/INS RED M6.3 PSHCON-ALLINSULATED BLUE-6,3X0,8MM	Article: 055890511 055890522	Description: TERMINAL COVER FOR 6.3MM	Article: <sup>05581810</sup>
Insulating grommet		Pin contact Solid	
	Insulating sleeve for push connector		Plug contact for Deutsch DT
Description: TERMINAL COVER FOR 6.3MM	Article: 05581809	Description: PIN 0.5MM - 1.3MM PIN 1.3MM - 2.1MM	Article: 0558203102 0558203104



Vehicle connector bus bar 6	.3 x 0.8	Blade receptacle	
	Plug distributor 6.3 x 0.8		Push connector
Description: IXMALE/FEMALE TERMINAL 6.3MM	Article: <sup>0558928</sup>	Description: SPADE TERMINAL FEMALE WITH NOSE SPADE TERMINAL FEMALE 2.8MM WIDE SPADE TERMINAL FEMALE 6.3MM SPADE TERMINAL FEMALE 6.3MM WIDE SPADE TERMINAL FEMALE 6.3MM WIDE SPADE TERMINAL FEMALE 2.8MM WIDE SPADE TERMINAL FEMALE 2.8MM (1-1.5MM) SPADE TERMINAL FEMALE 2.8MM (1-1.5MM) SPADE TERMINAL FEMALE 2.8MM (1-1.5MM) SPADE TERMINAL FEMALE 2.3MM FEMALE SPADE TERMINAL 1.0.2.5MM FEMALE SPADE TERMINAL 1.0.2.5MM	Article: 05585029 05585047 05585047 05585266 05585312 05586010 05586032 055860321 05589916 05589917 05589921 05589928 05589928 05589928
Crimp cable lug, push conne	ector	Crimp cable lug, ring connec	tor
er de	Push connector, insulated		Ring connector insulated
Description: SHCON-RED-6, 3X0, 8MM SHCON-BLUE-6, 3X0, 8MM ERMINAL SPADE FEM INS YELL M6.3 ERMINAL SPADE FEM INS BLUE M8.2 ERMINAL SPADE FEM INS YELL M9.5 ERMINAL SPADE FEMLE INS RED M2.8 ERMINAL SPADE FEMLE INS RED M4.8 ERMINAL SPADE FEMLE INS BLUE M4.8	Article: 05589051 05589052 055890402 05589402 05589414 0558960 05589761 05589762	Description:           RGCON-RED-M4{0,5-1,05MM}           RGCON-RED-M6{0,5-1,05MM}           RGCON-BULE-M4{1,5-2,55MM}           RGCON-BULE-M5{1,5-2,55MM}           RGCON-BULE-M5{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-BULE-M6{1,5-2,55MM}           RGCON-VELLOW-M4{4,0-6,05MM}           RGCON-YELLOW-M5{4,0-6,05MM}           RGCON-YELLOW-M6{4,0-6,05MM}           RGCON-YELLOW-M6{4,0-6,05MM}           RGCON-YELLOW-M6{4,0-6,05MM}	Article: 05589011 05589092 05589092 05589102 05589122 05589144 05589154 05589154 05589174 05589184
Ring connector		Round connector 4.0	
	Ring connector, uninsulated		Round plug 4.0
Description: ma terminal ring tongue ms terminal ring tongue m6 terminal ring tongue mb terminal ring tongue	Article: 05885215 05585217 05585219 05585221	Description: BULLET TERMINAL MALE SMALL 4MM WIDE BULLET TERMINAL MALE SMALL 4MM WIDE	Article: 05585038 05585133



Round connector CIC 1.65		Round connector MATE-N-LOK (M-N-L) 2.1	
	Round plug CIC 1.65		Round plug MATE-N-LOK (M-N-L) 2.1
Description: MALE TERMINAL BULLET 1.5-2.5MM	Article: 05589971	Description: Male Bullet terminal 1.0-2.5MM	Article: 05589906
Round connector MATE-N-LOK (M		Round connector RAM 3.5	
	Round plug MATE-N-LOK (M-N-L) 2.1, 2 snap-in pins		Round plug RAM 3.5
Description:	Article:	Description:	Article:
MALE BULLET TERMINAL 0.5-1.0MM	05589932	CIRCULAR PLUG 4.0-6MM	05589904
Round connector RSA 2 1.65		Crimp cable lug, round connector	
	Round plug RSA 2 1.65		Round plugs
Description: 2 HOOKS TERMINAL ROUND MALE	Article: 05589907	Description: RDPIG-RED DAMM-(0,5-1,05MM) RDPIG-BLUE-DSMM-(1,5-2,55MM) RDPIG-YELLOW-DSMM-(4,0-6,05MM)	Article: 05589461 05589482 0558961
Pin terminal connector 4.0		Pin terminal conn MATE-N-LOK (M	<i>1</i> -N-L) 2.1
	Round socket 4.0		Round socket MATE-N-LOK (M-N-L) 2.1
	Astala		Artic
Description: BULLET TERMINAL FEMALE SMALL 4MM	Article: 05585051	Description: FEMALE BULLET TERMINAL 1.0-2.5MM FEMALE BULLET TERMINAL 0.5-1.0MM	Article: 05589905 05589968



	ok (M-N-L) 2.1	Pin terminal connector RAM	KAM DIUS 3.5
	Round socket MATE-N-LOK (M-N-L) 2.1, 2 snap-in		Round socket RAM/RAM plus 3.5
Pescription: MALE BUILET TERMINAL 0.5-1.0MM	Article: 05589931	Description: circular flug 2.1-5.3MM	Article: 05589977
in terminal connector RSA 2	2 1.65	Crimp cable lug, blade conr	nector, fully insulated
	Round socket RSA 2 1.65		Round socket, fully insulated
Description: RMINAL BMW 0.75-1.5MM	Article: 05589908	Description: RDSKT-RED-D4MM-(0.5-1.05MM) RDSKT-BLUE-D5MM-(1.5-2.55MM) RDSKT-VELICW-D5MM-(4.0-6,05MM)	Article: 05589471 05589492 0558962
ingle wire seal (SEAL)		Socket contact Solid Deutsc	h DT series
	Single wire seal (SEAL)		Socket contact for Deutsch DT
LLOW BUSHING 0.5-1.0MM	Article: 055899141 055899142	Description: SOCKET 0.5MM · 1.3MM SOCKET 1.3MM · 2.1MM	Article: 0558203002 0558203004
Description: ENUCY BUSHING 0.5-1.0MM ED BUSHING 0.5-1.0MM	055899141	Description:	0558203002
ELOW BUSHING 0.5-1.0MM ED BUSHING 0.5-1.0MM	055899141	Description: SOCKET 0.5MM - 1.3MM SOCKET 1.3MM - 2.1MM	0558203002 0558203004
ELOW BUSHING 0.5-1.0MM ED BUSHING 0.5-1.0MM	055899141 055899142	Description: SOCKET 0.5MM - 1.3MM SOCKET 1.3MM - 2.1MM	0558203002



Festoon bulb		License light	
	Economical bulb for light commercial vehicles 24V		License light for passenger vehicles
Description: LAMP 5W 24V L35MM	Article: 07201712	Description: BULB (SV7-8)-12V-3W-L28MM 12V 5W FESTOON 38K11MM OD 12V 10W FESTOON 41K11MM OD 12V 10W FESTOON 41K11MM OD	Article: 07207701 07207711 07207731 072077351
Gas discharge light		Glass Socket Bulb	
	Gas discharge bulb vehicle		Glass Socket Bulb for Commercial Vehicles
Description: GAS DISCHARGE UGHT D25:35W (P32D-2) GAS DISCHARGE UGHT D15:35W(PK32D-2)	Article: 072011030 072011032	Description: 24V 1.2W PARK/INSTRUMENT 24V 3W PARK WEDGE 24V 5W PARK WEDGE	Article: 07207602 07207612 07207622
License Light		Glass socket bulb	
	License light for passenger vehicles		Trusted OEM quality for standard applications
Description: 12V 1.2W PARK/INSTRUMENT 12V SW PARK WEDGE 12V 15W BRAKE/INDICATOR WEDGE JAP 12V 21/SW DOUBLE F STOP/TAIL WEDGE	Article: 07207601 07207621 072076311 07207632	Description: JAPAN BULB ORANGE 12V 5W INDICATOR ORANGE WEDGE	Article: 072016312 07202712



#### Vehicle electrics

	D In		
	Proven quality		Halogen bulb CV Longlife heavy-duty
Pescription:	Article:	Description:	Article:
1 24V 70W GLOBE (PGJ19-2)	0720118311	H4 24V 75/70WATT H/DUTY HEADLAMP	072011025
24V 75/70W HEADLIGHT	07207102		
1 24V 70W FOG/HEADLIGHT	07207112		
3 24V 70W FOG/HEADLIGHT 7 24V 70W FOG/HEADLIGHT	07207122 07207142		
V 21W INDICATOR VOLVO TRUCK	072073210		
lalogen bulb		Halogen bulb Longlife	
	Proven quality		For drivers who cover many miles and
			drivers who use daytime running lights
escription:	Article:	Description:	Article:
27 12V 27W FOG/HEADLIGHT	0720118027	H7 12V 55W FOG/HEADLIGHT	072011412
12V 60/55W HEADLIGHT	07207101		
3 12V 60W FOG/HEADLIGHT 4 12V 51W HEADLIGHT	07207103 07207104		
1 12V 65/45W FOG/HEADLIGHT	072071041		
12V 55W FOG/HEADLIGHT	07207111		
12V 55W FOG/HEADLIGHT	07207121		
12V 35W FOG/HEADLIGHT 12V 65W HEADLAMP	0720718008 0720718009		
1 12V 55W FOG/HEADLIGHT	0720718011		
/ 21W INDICATOR VOLVO TRUCK	072073220		
lalogen bulb		LED headlight bulb	
	Trusted OEM quality for standard		Provide another possiblity of replacement
	applications		upgrade on traditional car lighting for driv
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Description: H16 12V 19W FOG LIGHTS H27 12V 27W FOG/HEADLIGHT Article: 0720118016 0720118028 Description: LED BUIB-H4-P43T-12V-22W-3000LM-PAIR LED BUIB-H3-PK225-12V-26W-3000LM-PAIR LED BUIB-H7-PK26D-12V-26W-3300LM-PAIR LED BUIB-H1-P14,55-12V-26W-3000LM-PAIR



ndicator and brake light bull	5 H21W	Metal socket bulb	
	Economical bulb for light commercial vehicles 24V	N Sace Disas	Metal socket bulb for commercial vehicles
Description: 4V 21W STOP/INDICATOR OFFSET AMBER	Article: 072073223	Description: 24V 5W PARK LIGHT 24V 10W PARK LIGHT	Article: 07207402 07207412
Aetal socket bulb		Miniature lamp retrofit	
	Metal socket bulb for passenger vehicles		Impressive design as well as performance with latest durability technology LED chip
Description: 2V 5W PARK LIGHT 2V 10W PARK LIGHT	Article: 07207401 07207411	Description: BUIB-LED-S25-BA135-12/24V-PAIR BUIB-LED-S25-BAY15D-12/24V-PAIR BUIB-LED-TAW-BAY5-12/24V-PAIR BUIB-LED-W5W-{W2,1X9,5D}-12/24V-PAIR	Article: 072077321 072077341 072077501 072077621
Parking light bulbs		Turn Signal and Brake Light B	Bulbs
	Parking light bulb for commercial vehicles	5	Light bulb for commercial vehicles
Description: av 4w park light	Article: 07207502	Description: 24V 21W SINGLE F STOP/INDICATOR 24V 21/SW DOUBLE F STOP/TAIL	Article: 07207322 07207342
ndicator Bulbs	Indicator bulb for passenger vehicles	Fuse strip	Fuse strip, DIN 72581, glass
Description: 2V 21W SINGLE F STOP/INDICATOR 2V 21/SW DOUBLE F STOP/TAIL	Article: 07207321 07207341	Description: RADIO FUSE 20MM 5 AMP	Article: 073020 5



Strip fuse, DIN 72581, plastic		Flat blade fuse MAXI Silver	
	Fuse strip, DIN 72581, plastic		Silver-coated version for better heat reflection
Description: LASTIC FUSE 25MM X 6MM 16 AMP LASTIC FUSE 25MM X 6MM 25 AMP LASTIC FUSE 25MM X 6MM 40 AMP LASTIC FUSE 25MM X 6MM 5 AMP LASTIC FUSE 25MM X 6MM 8 AMP	Article: 073025 161 073025 25 073025 40 073025 5 073025 8	Description: MAXI BLADE FUSE 20 AMP (YELLOW) MAXI BLADE FUSE 30 AMP (GREEN) MAXI BLADE FUSE 40 AMP (ORANGE) MAXI BLADE FUSE 50 AMP (RED) MAXI BLADE FUSE 60 AMP (BLUE) MAXI BLADE FUSE 70 AMP (TAN) MAXI BLADE FUSE 80 AMP (NATURAL)	Article: 073130120 073130130 073130140 073130150 073130160 073130170 073130180
Flat blade fuse MICRO 2 Silver	r	Flat blade fuse MICRO 3 Silve	er
	Silver-coated version for better heat reflection		Silver-coated version for better heat reflection
Description: FLAT BLADE FUSE MICRO2 SILV/BRW 5AMP FLAT BLADE FUSE MICRO2 SILVER 7.5AMP FLAT BLADE FUSE MICRO2 SILVER 10 AMP FLAT BLADE FUSE SI 5 AMP (SILVER) FLAT BLADE FUSE MICRO2 SILV/Y 20 AMP FLAT BLADE FUSE MICRO2 SILV/W 25 AMP FLAT BLADE FUSE MICRO2 SILVER 30 AMP	Article: 073131305 0731313075 0731313015 073131315 073131320 073131325 073131330	Description: FUBLDEFSE-MICRO3-SILVER-OCHRE-7,5A FUBLDEFSE-MICRO3-SILVER-RED-10A FUBLDEFSE-MICRO3-SILVER-TURQUOISE-15A	Article: 0731315075 073131510 073131515
Strip fuse	Flat fuse DIN 72581	Charger clamp Fully insulated	, 1,000 A Charger clamp, fully insulated, 1000 A
Description: BLADE FUSE 50 AMP BLADE FUSE 80 AMP	Article: 073150 073180	Description: CHRGCIMP-CAST-AUINSU/RED-1000A CHRGCIMP-CAST-AUINSU/BIACK-1000A	Article: 07733051 07733056



Electronic welding protection		Charger clamp	
	Prevents damage to the onboard electronics.		Load clamp, partly insulated, 100 A
Description: ELECTRIC WELDING PROTECTOR	Article: 077312 24	Description: STARTER HANDLE RED 60 AMPERE STARTER HANDLE BLACK 60 AMPERE	Article: 07733211 07733216
Charger clamp		Rear marking decal	
0	Load clamp, partly insulated, 1000 A		Self-adhesive decal for heavy goods vehicles and tractor units
Description: STARTER HANDLE RED 1000 AMPERE STARTER HANDLE BLACK 1000 AMPERE	Article: 07733071 07733076	Description: HONEYCOMB CHEVRON BOARD 1.7 M STICKON CHEVRON BOARD 1.7M	Article: 0812440400 0812440405
Fuses blade		Fuses blade	
	Reliable and Trustable		Reliable and Trustable
Description: BLADE FUSE 2 AMP (GREY) BLADE FUSE 3 AMP (PURPLE) BLADE FUSE 5 AMP (ORANCE) BLADE FUSE 7.5 AMP (BROWN) BLADE FUSE 10 AMP (BLD) BLADE FUSE 15 AMP (BLUE) BLADE FUSE 20 AMP (YELLOW) BLADE FUSE 25 AMP (WHITE) BLADE FUSE 30 AMP (GREEN)	Article: 5208002 5208003 5208005 5208005 5208015 5208015 5208020 5208025 5208030	Description: MINI BLADE FUSE 5 AMP (ORANGE) MINI BLADE FUSE 10 AMP (BED) MINI BLADE FUSE 10 AMP (BLUE) MINI BLADE FUSE 20 AMP (YELLOW) MINI BLADE FUSE 25 AMP (WHITE) MINI BLADE FUSE 30 AMP (GREEN) MINI BLADE FUSE 7.5 AMP (BROWN)	Article: 520830005 520830010 520830020 520830020 520830025 520830030 520830075



Fuses blade		Insulated cable connector as	sortment
	Leading edge process		530 pieces in system box 4.4.1.
Description: LOW HEIGHT MINI FUSE 2 AMP (GREY) LOW HEIGHT MINI FUSE 3 AMP (FURPLE) LOW HEIGHT MINI FUSE 5 AMP (ORANGE) LOW HEIGHT MINI FUSE 10 AMP (RED) LOW HEIGHT MINI FUSE 15 AMP (BLUE) LOW HEIGHT MINI FUSE 20 AMP (YELLOW) LOW HEIGHT MINI FUSE 25 AMP (WHITE) LOW HEIGHT MINI FUSE 30 AMP (GREEN)	Article: 520830202 520830203 520830205 520830210 520830210 520830215 520830220 520830225 520830230	Description: 530PCS INSULATED TERMINALS	Article: 5964055809
Flat blade fuses MINI/MAXI	silver assortment Flat blade fuse MINI-MAXI 170 pcs Sysko	Watertight plug housing TE S	uperseal 1.5 Series assortment Plug housing assortment waterproof 440 pc Sysko
Description:	Article: 5964073101	Description: 440 PCS PLUG HOUSINGS WATERPROOF	Article: 5964055501
Flange stainless steal round		LED side marker light round r	ubber seal
0	Flange stainless steal round	0	LED side marker light round rubber seal
Description: FLANGE S/STEEL 140MMX100MM (3HOLE)	Article: 9500500326	Description: LAMP MARKER 2" GREEN LED BASE+GASKET LAMP MARKER 2" RED LED BASE+GASKET LAMP MARKER 2" CLEAR LED BASE+GASKET LAMP MARKER 2" AMBER LED BASE+GASKET	Article: 9500500332 9500500334 9500500336 9500500338



LED side marker light with bra	icket	Licence plate lamp	
	LED side marker light with bracket		Licence plate lamp, LED, 12/24 V
0			
Description: AMP MARKER 2" RED LED BASE 10/30V AMP MARKER 2" CLEAR LED BASE 10/30V	Article: 9500500333 9500500335	Description: LIGHT NUMBER PLATE (12 LED) E MARK	Article: 9500500327
Retro-reflective tape		Rubber hose line H07RN-F	
	Retro-reflect warn mark, fix surface		Packaged goods
Description: EFIEXITE TAPE YELLOW 50M EFIEXITE TAPE YELLOW 6MTR EFIEXITE TAPE RED 50M HEFIEXITE TAPE WHITE 50M	Article: 9500008729 9500008730 9500008731 9500008732	Description: 3 CORE AUTOCABLE BLACK 1.5MMX30M	Article: 9500500320
Side marker light, truck, others	S	Starter cable	
	Side marker light, truck, others		Car starter cable
0			
Description: amp marker side orange 6 led chrome	Article: 9500500340	Description: WURTH BATTERY CABLE RED 35.0MMX10M WURTH BATTERY CABLE BLACK 50.0MMX10M WURTH BATTERY CABLE BLACK 35.0MMX10M WURTH BATTERY CABLE BLACK 70.0MMX10M AUTOCABLE RED 6.00MMX30M AUTOCABLE BLACK 10.0MMX30M AUTOCABLE BLACK 6.00MMX30M	Article: 9500500312 9500500313 9500500314 9500500316 9500500316 9500500317 9500500318 9500500319
Stop/turn/tail light LED COM	BO 3in 1	Stop/turn/tail light LED round	rubber seal
6	Stop/turn/tail light LED COMBO 3in1	6	Stop/turn/tail light LED round rubber seal
Description: AMP COMBO 3IN1 12 RED/11 AMBER LED	Article: 9500500348	Description: LAMP:TAIL LED CLEAR (12/24V) LAMP 4" RED (8 LED) RUBBER GASKET	Article: 9500008728 950050328



#### Vehicle electrics

	Universal		Trailer, lighting cable
		U.EGG 003-94	
Description: MP NUMBER PLATE 4 LED EPOXY BOARD	Article: 9500500347	Description: 5 CORE AUTOCABLE BLACK 1.5MMX30M 7 CORE AUTOCABLE BLACK 1.5MMX30M	Article: 9500500321 9500500322
/ehicle cable FLRY/FLY		Vehicle cable	
WURTH Advance Office and Office and Of			
Description: VIRTH AUTOCABLE BLACK 0.50MMX100M VIRTH AUTOCABLE RED 0.50MMX100M VIRTH AUTOCABLE RED 0.50MMX100M VIRTH AUTOCABLE RED 1.00MMX100M VIRTH AUTOCABLE BLUE 1.00MMX100M VIRTH AUTOCABLE GREEN 1.00MMX100M VIRTH AUTOCABLE BLACK 1.50MMX100M VIRTH AUTOCABLE BLOWN 1.5MMX100M VIRTH AUTOCABLE BLOWN 1.5MMX100M VIRTH AUTOCABLE BLOWN 1.5MMX100M VIRTH AUTOCABLE GREEN 1.5MMX100M VIRTH AUTOCABLE GREEN 1.5MMX100M VIRTH AUTOCABLE GREEN 1.5MMX100M VIRTH AUTOCABLE BLACK 2.5MMX50M VIRTH AUTOCABLE BLACK 2.5MMX50M VIRTH AUTOCABLE BLACK 2.5MMX50M VIRTH AUTOCABLE BLACK 2.5MMX50M VIRTH AUTOCABLE GREEN 2.5MMX50M VIRTH AUTOCABLE GREEN 2.5MMX50M VIRTH AUTOCABLE GREEN 2.5MMX50M VIRTH AUTOCABLE GREEN 2.5MMX50M VIRTH AUTOCABLE BLACK 2.5MMX50M	Article: 9500500283 9500500284 9500500285 9500500286 9500500287 9500500289 9500500290 9500500290 9500500291 9500500292 9500500293 9500500295 9500500295 9500500295 9500500297 9500500299 9500500299 9500500299 9500500299 9500500299 9500500290 9500500200 95005000	Description: 2 CORE AUTOCABLE BLACK 1.5MMX30M	Article: 9500500323

Description: LIGHT STROBE AMBER 360 (60 LED) LIGHT STROBE 360 (30 LED) BOLT-ON Article: 9500500343 9500500345

attachment

Xenon double flashing beacon with 3x



Description: LIGHT STROBE AMBER 360 60 LED MAGNET LIGHT STROBE 360 (30 LED) MAGNETIC Article: 9500500342 9500500344

For magnetic assembly on a metallic surface



#### <u>Vehicle parts</u>

Oil drain plug		Metric Stud M10	
	Oil drain plug		Stud bolt zinc plated yellow
Description: SUMP PLUG LONG 14X1.5X16	Article: 024314 15	Description: MANIFOLD STUD M8X35 MANIFOLD STUD M10X35	Article: 0260100835 0260101035
Exhaust nut with flange		Exhaust slotted nut, normal wren	nch size
	Exhaust nut type S		Exhaust slotted nut DIN 14440
Description:	Article:	Description:	Article:
EXHAUST NUT FLANGE SW13 H10 M8X1.25 EXHAUST NUT FLANGE SW13 H8 M8X1.25 EXHAUST LOCK NUT VOLVO M10 AF15	03656 036561 036565	EXHAUST NUT SW13 M8X1.25 EXHAUST NUT SW17 M10X1.5	03652 03653
		_ I	
Exhaust slotted nut, reduced w	rench size	Copper ring	
	Exhaust slotted nut DIN 14441	$\bigcirc$	Copper ring for diesel tol. 522 A DIN 7603
Description: EXHAUST NUT SW12 M6X1.0 EXHAUST NUT SW12 M6X1.25 EXHAUST NUT SW14 M10X1.5 EXHAUST NUT SW14 M10X1.25 EXHAUST NUT SW14 M10X1.25 EXHAUST NUT SW12 M8X1.0	Article: 03661 03662 03663 03664 03667 03668	Description: COPPER WASHER M9.5X20MM	Article: 046495 20
copper twin ring		plastic sealing ring	
G	Copper twin ring DIN 7603 similar		Plastic sealing ring natural DIN 7603 similar
Description: TWIN COPPER WASH DRAINPLUG M8X12X9MM	Article: 04648 12	Description: F/ESCORT DRAIN PLUG M12.8X20.2X2.1MM	Article: 046412 20



#### <u>Vehicle parts</u>

Sealing ring		Reducer connection piece	
0	Sealing ring		Reducing connector straight
Description: DYOTA DRAIN PLUG WASHER M12X24X2MM EALING WASHER 12.2X21X1MM DYOTA DRAIN PLUG WASHER M18X2BX2MM ONDA ALU SEALING WASHER M14X22X2MM YLON DRAIN PLUG WASHER M14X22MM OPPER SEAL WASHER OILDRAIN M15X22MM	Article: 0464012242 0464012244 0464018282 046411422 046414 22 046415 22	Description: STRAIGHT COUPLER REDUCING MUFF 4-3MM STRAIGHT REDUCING MUFF 6-4MM 5 STRAIGHT REDUCING MUFF 8-4MM 5	Article: 050025010 050025011 050025012
iheet-Metal Nuts		Sheet metal nut, type 1	
	Sheet-metal nut		Sheet-metal nut, type 1
Description: PEED CUP 4.2MM	Article: 050012438	Description: SPEED CUP 4.9MM SPEED CUP 3.9MM SPEED CUP 3.9MM SPEED CUP 4.2MM SPEED CUP 4.8MM SPEED CUP 4.8MM SPEED CUP 6.3MM SPEED CUP 4.8MM SPEED CUP 5.3MM SPEED CUP 3.5MM SPEED CUP 3.5MM SPEED CUP 3.5MM	Article: 050011321 050011344 050011345 050011362 050011365 050011404 050011427 050011522 050011522 050011524 050011956 05001219 050013219 050013956
Sheet metal nut, type 2		Sheet metal nut, type 3	
	Sheet-metal nut, type 2		Sheet-metal nut, type 3
Description: SPEED CLIP 4.2MM	Article: 05000536	Description: SPEED CUP 4.8MM SPEED NUT 4.2MM SPEED CUP 4.2MM	Article: 05001170 050011745 050013251



Sheet metal nut, type 4		Sheet metal nut, type 5	
65	Sheet-metal nut, type 4		Lower leg bent downwards
Description: SPEED CLIP 6.5MM SPEED CLIP 6.3MM	Article: 050011403 050013204	Description: SPEED NUT	Article: 050012198
Sheet metal nut, type 6		Sheet metal nut, type 9	
	Sheet-metal nut, type 6		Threaded shank extends by a long way – for demanding connection tasks, very low bracket distance
Description:	Article:	Description:	Article:
SHEET METAL NUT M6	050053312	SPEED CLIP 6MM	05005950
T-hose connector		Y-hose connector	
	T-hose connectors		Y-hose connectors
Description: TREDUCING MUFF 3-4-3MM 5 T-REDUCING MUFF 4-6-4MM 10 T-HOSE 3MM T-HOSE 4MM T-HOSE 5MM T-HOSE 6MM	Article: 050025018 050025019 050025028 050025029 050025030 050025031	Description: Y-HOSE 3MM Y-HOSE 4MM Y-HOSE 5MM Y-HOSE 5MM Y-HOSE 6MM Y-REDUCING MUFF 4-5-4MM 5	Article: 050025047 050025048 050025049 050025050 050025056
Cable tie, type 2		Collar screw	
	Clip part in the shape of an interior trim clip	1	Collar screw, type S
		ł	



#### Vehicle parts

#### Sheet metal nut, type 1



Description: SHEET METAL NUT BLK TYPE1 SPIRE CLIP DACROMET 6.3 SHEET METAL NUT BLK Article: 0501101648 0501103020 0501104064

Sheet-metal nut, type 1

#### Sheet metal nut, type 6



 Description:
 Article:

 SHEET METAL NUT M6 BLK
 0501101646

 SPEED NUT TYPE 6 M6
 0501102005

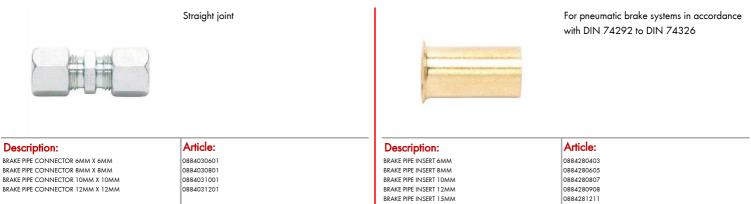
 SPEED NUT TYPE 6 M8
 0501102026

 SPEED NUT TYPE 6 BLK M5
 0501104120

#### Clip remover



Uncoated Lead Adhesive Wheel	Weight	Cutting ring	
	Lead adhesive weight strip with Premium adh. tape		Cutting ring
Description: STICK-ON BAR 6X10G	Article: 0830146000	Description: CUTIING RINGS YCR D=6MM CUTIING RINGS YCR D=8MM CUTIING RINGS YCR D=10MM CUTIING RINGS YCR D=12MM CUTIING RINGS YCR D=15MM	Article: 0884260695 0884260895 0884261010 0884261210 0884261510
Straight connector		Brass support sleeve	





Angle plug connector		Calibrated PU tube	
	Angle connector		Polyurethane,flexible (hardness: 98 shA)
Description: 90 DEGR CONNECTOR FOR AIR PIPES 10MM 90 DEGR CONNECTOR FOR AIR PIPES 12MM 90 DEGR CONNECTOR FOR AIR PIPES 8MM 90 DEGR CONNECTOR FOR AIR PIPES 8MM	Article: 088503 10 088503 12 088503 6 088503 8	Description: NYLON TUBING IMPERIAL 1/2" X 30M AIR BRAKE PIPE 6MM X 4MM X 30M AIR BRAKE PIPE 6MM X 5MM X 30M AIR BRAKE PIPE 11MM X 8MM X 30M AIR BRAKE PIPE 12MM X 9MM X 30M AIR BRAKE PIPE 14MM X 11MM X 30M AIR BRAKE PIPE 15MM X 12MM X 30M	Article: 0885980012 0885980084 0885980086 0885980089 0885980089 0885980090 0885980092
Plastic elbow plug-in connecto	r	Plastic T-connector	
	Plastic L-shaped plug-in connector		Plug connector for pneumatic control lines
Description: 90DEG ELBO QUICK COUPLER PLASTIC 6MM 90DEG ELBO QUICK COUPLER PLASTIC 8MM 90DEG ELBO QUICK COUPLER PLASTIC 10MM 90DEG ELBO QUICK COUPLER PLASTIC 12MM	Article: 0885039006 0885039008 0885039010 0885039012	Description: T-PIECE QUICK COUPLER PLASTIC 6MM T-PIECE QUICK COUPLER PLASTIC 8MM T-PIECE QUICK COUPLER PLASTIC 10MM T-PIECE QUICK COUPLER PLASTIC 12MM T-PIECE QUICK COUPLER PLASTIC 14MM	Article: 0885029006 0885029008 0885029010 0885029012 0885029014
	'		
PA 11/12 polyamide pipe	Polyamide tube PA 12 bundle	T-connector	Push-in quick-action plug conection, T-shaped
	l		
Description: AIR BRAKE PIPE 10MM OD X 1.0MM AIR BRAKE PIPE 12MM OD X 1.5MM AIR BRAKE PIPE 6MM OD X 1.0MM AIR BRAKE PIPE 8MM OD X 1.0MM	Article: 088508 10 088508 12 088508 6 088508 8	Description: T-PIECE CONNECTOR FOR AIR PIPES 10MM T-PIECE CONNECTOR FOR AIR PIPES 12MM T-PIECE CONNECTOR FOR AIR PIPES 6MM T-PIECE CONNECTOR FOR AIR PIPES 8MM	Article: 088502 10 088502 12 088502 6 088502 8



consector     Article:     Description:     Article:     Description:     Article:       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Article:     Description:     Article:       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Article:     Description:     Article:       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Article:     Description:     Article:       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Article:     Description:     Article:       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Article:     Description:     Broke line conduit       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Broke line conduit     Description:     Broke line conduit       Construction (CA A PR F Taxing)     Pass 1 is     Description:     Broke line conduit     Description:     Broke line conduit       Construction (CA A PR F Taxing)     Pass 1 is     Pass 1 is     Description:     Broke line conduit       Construction (CA A PR F Taxing)     Pass 1 is     Pass 1 is     Description:     Broke line conduit       Construction (CA A PR F Taxing)     Pass 1 is     Pass 1 is     Description:     Broke line nipple, is       Pass 1 is     Pass 1 is     Pass 1 is     Pass 1	itraight plug connector		PUR spiral hose	
constructions at any itoms     parson is a parson				Hoses do not get tangled in DUO model
consistency as any returns     description: description     Stati Hold's first / y / (y) / (x) Conserved as a met to wat in the town of the sol in a description:     Stati Hold's first / y / (y) / (x) Conserved as a met town of the sol in a description:     Stati Hold's first / y / (y) / (x) Conserved as a met town of the sol in a description:     Stati Hold's first / y / (y) / (x) Conserved as a met town of the sol in a description:     Stati Hold's first / y / (y) / (x) Conserved as a met town of the sol in a description:     Statisfield possesse as a met town of the sol in a description:     Statisfield possesse as a met town of the sol in a description:     Statisfield possesse as a met town of the sol in a description:     Statisfield possesse as a met town of the sol in a description:     Statisfield possesse as a met town description:     Statisfield possesse as a				
Inconstruct of A an PE TIMM Description:     Description: Description:     SVD HOSE YELLOW 1/2" (70] (SODDER'SO Description:     Description: Description:     Broke line conduit       Image: Straight passage connector for compressed oir control lines     Straight passage connector for compressed oir control lines     Image: Straight passage connector for compressed     Image: Straight passag				
Straight passage connector for compressed       Brake line conduit         Secription:       Article:         Mathematic bits       Description:         Mathematic bits       Descriptio	CONNECTOR FOR AIR PIPE 11MM CONNECTOR FOR AIR PIPE 12MM CONNECTOR FOR AIR PIPE 6MM	088501 11 088501 12 088501 6		
eir control lines  eir control lines  eir control lines  excription  Article:  RATICLE  RATICLE RATICLE  RATICLE  RATICLE  RATICLE  RATICLE RATICLE  RATICLE RATICLE RATICLE  RATICLE RATICLE RATICLE RATICLE RATICLE RATICLE RATICL	astic plug-in connectors		Car brake conduit pipe	
Action       Article         Rescription:       Article:         Nexter funct:       Constraint and constr				Brake line conduit
Width OutCK COURER PLASTIC M4       0885019004         UNIGH OUTCK COURER PLASTIC M4       0885019004         BBAKE PIPE 6.0MM STEEL       0885019010         Stadent OutCK COURER PLASTIC 12MM       0885019012         Stadent OutCK COURER PLASTIC 12MM       088501912         Stadent OutCK COURER PLASTIC 12MM       08501912	CARACTER PROPERTY			
refer ouriex couriex Prastic 1/4* PERAL QUICX COURER PLASTIC 3/16* PERAL QUICX P	RAIGHT QUICK COUPLER PLASTIC MA RAIGHT QUICK COUPLER PLASTIC M6 RAIGHT QUICK COUPLER PLASTIC M8 RAIGHT QUICK COUPLER PLASTIC 10MM RAIGHT QUICK COUPLER PLASTIC 14MM RAIGHT QUICK COUPLER PLASTIC 15MM	0885019004 0885019006 0885019008 0885019010 0885019012 0885019014 0885019015	BRAKE PIPE 4.75MM STEEL YELLOW	08890475
Brake line nipple, type A     Brake line nipple, type B	IPERIAL QUICK COUPLER PLASTIC 1/4" IPERIAL QUICK COUPLER PLASTIC3/16"	0885019140 0885019316		
	rake line nipple, type A		Brake pipe nipple,	
		Brake line nipple, type A		Brake line nipple, type B
Antiples Antiples				
Construction         Afficie:         Description:         Afficie:           10x1 Brake PIPE NUT UNIVERSAL         0889500         M12x1.0Brake PIPE NUT FORD         0889509	escription:	Article:	Description:	Article:



Brake line nipple, type B 5.0		Brake line nipple, type C	
	Brake line nipple, type B 5.0		Brake line nipple, type C
Description: M12X1.0 brake PIPE NUT UNIVERSAL	Article: 0889508	Description: M10X1 BRAKE PIPE NUT HYUNDAI	Article: 0889510
Brake line nipple, type D		Brake pipe nipple,	
	Brake line nipple, type D		Brake line nipple, type E
Description: M10X1 BRAKE PIPE NUT OPEL	Article: 0889501	Description: M 10X1 BRAKE PIPE NUT FORD	Article: 0889502
Brake line nipple, type F		Brake line nipple, type H	
	Brake line nipple, type F		Brake line nipple, type H
Description: 3/8" UNF BRAKE PIPE NUT	Article: 0889503	Description: 3/8" UNF BRAKE PIPE NUT VOLVO	Article: 0889507
Brake line nipple, type M		Brake pipe nipple,	
	Brake line nipple, type M		Brake line nipple, type PF
	Article:	Description:	Article:



Brake line nipple, type S		Exhaust assembly paste	
	Brake line nipple, type S	AUSPURF-MONTAGEPASTE EXIRALIST SYSTEM FITTING PASTE	Soft compound for quick, easy and completely gas-tight assembly of sleeve (pipe plug) and flange connectors in exhaust systems.
Description: 3/8" UNF BRAKE PIPE NUT	Article: 0889504	Description: SILENCER PASTE 150G	Article: 0890100045
Exhaust putty		Sound-absorbing plate	
	Small holes and cracks in the silencer system can be easily and permanently repaired so that they are gas-tight.		Prevents vibration noise in the interior caused by vibrating body parts, such as the wheel arch, cardan tunnel, floor group, doors and other side parts.
Description: EXHAUST PUTTY 200G	Article: 0890100046	Description: Sound deadening pad (6 units)	Article: 0890100060
Washer system hose		Washer system hose	
	Flexible and transparent		Flexible and transparent
Description: FUEL HOSE 4.5MM/8.0MM CLEAR 15M	Article: 089584580	Description:           FUEL HOSE 10.0/14.0MM CLEAR 20M           FUEL HOSE 4.0MM/6.0MM CLEAR 15M           FUEL HOSE 4.5MM/6.5MM BLACK 15M           FUEL HOSE 5.0MM/7.4MM CLEAR 15M           FUEL HOSE 6.0MM/8.4MM CLEAR 15M           FUEL HOSE 8.0MM/11.0MM CLEAR 15M	Article: 0895810 089584 089584565 089585 089586 089588



Repair hose line, NBR/textile		Vacuum hose	
	Repair hose line on coil		Resistant to fuel vapours, oil, diesel (withou bio-additives) and ozone
Description: Jet Hose 3.2/7.0MM BRAIDED BLACK Jet Hose 3.5/7.5MM BRAIDED BLACK Jet Hose 4.5MM/9.5MM BRAIDED 15M Jet Hose 5.0MM/10.0MM BRAIDED 15M Jet Hose 7.0MM/10.0MM BRAIDED 15M Jet Hose 7.0MM/12.0MM BRAIDED 15M	Article: 08958132 08958135 08958145 08958150 08958155 08958155 08958170	Description: FUEL HOSE 3.5MM/7.5MM BRAIDED 10M VACUUM HOSE 2.5MM/6.0MM RUBBER 10M VACUUM HOSE 3.3MM/6.8MM RUBBER 10M VACUUM HOSE 3.5MM/6.5MM RUBBER 10M VACUUM HOSE 3.7MM/6.5MM RUBBER 10M FUEL HOSE 4.5MM/9.0MM RUBBER 10M	Article: 089581351 089582330 089582331 08958235 08958236 089582454
JELHOSE 7.5MM/12.5MM BRAIDED 15M JELHOSE 9.0MM/14.0MM BRAIDED 10M Plastic hose connector assort	08958175 08958190 nent	Sheet metal/spring nut assort	nent
	With 18 dimensions for 3-6 mm internal hose diameter.		Steel, zinc-plated transparent (A3A)
<b>政則對政策。 第19月期</b> 第19月 第19月 第19月 第19月 第19月 第19月 第19月 第19月			
了会量量。 一般的资格的参加。 Description:	Article:	Description:	Article:



# BUILDING SUPPLIES



Q.Y.

# **Building supplies**

#### Roof ventilation

#### Vent and bird screen mesh





## Terrace and floor construction



#### Window-, shutter a.door construc., floors



#### Terrace drilling template



The drilling template guarantees a clean and absolutely uniform screw pattern

Description: Article: TERRACE DRILLING TEMPLATE 0907000102

## **Building supplies**



#### Wood connectors

#### Angle bracket type A



rib is ideal for high-quality load-bearing wood/wood connections in timber construction. Universally suitable for standard connections such as intersecting timbers.

The angle connector A without reinforcement

Article: 0681050040 0681090065

#### Post support bracket BD-U/TZN



One-piece post anchor suitable for concrete with fixed U mount and 250 mm corrugated dowel. For lightweight structures such as carports, screen fencing.

#### Joist hanger 2.0 mm



With inner wings for connecting beams to posts in visible areas. Suitable for wood/wood, wood/concrete or wood/steel connections

Description: JOIST HANGER 2MM 70X125MM JOIST HANGER 2MM 80X120MM JOIST HANGER 2MM 100X140MM JOIST HANGER 2MM 120X160MM JOIST HANGER 2MM 140X180MM

#### D-F-H/R3R post support bracket



**Description:** 

ADJUST POST SUPPORT 135-200MM H

Robust, height-adjustable post support bracket with anchor bolts and flat carrier plate mount

#### **Description:**

**Description:** 

90DIG STEEL BRACKET 35X50X50X2.5MM STEEL ANGLE 65X90X90 X2,5MM

POST SUPPORT BRACKET 350MM(81X70) POST SUPPORT BRACKET 350MM(91X70) POST SUPPORT BRACKET 350MM(101X70) POST SUPPORT BRACKET 350MM(121X70)

#### Article: 0681081000 0681091000 0681101000 0681121000

#### Combination joist hanger 1.5mm



Economical, lightweight joist hanger (angled outwards) for load-bearing connection of timber joists to wood, concrete or steel. Ideal for standard cross-sections

#### **Description:**

COMB JOIST HANGER 1,5MM 60X100 COMB JOIST HANGER 1,5MM 80X120 COMBINATION JOIST HANGER 1,5MM 80X150 COMB JOIST HANGER 1,5MM 80X180 COMB JOIST HANGER 1,5MM 100X140 COMB JOIST HANGER 1,5MM 120X180 COMB JOIST HANGER 1,5MM 140X180

41

Article:

Afficie: 0681492001



# ELECTRICAL INSTALLATION





## Cable-laying systems, electric

Self-adhesive cable fastening	g cord clips	Cable tie holder, empty	
	Well-suited for use even in restricted spaces	- VYTUIR UKL	Also suitable for wall mounting
Description: CORD CLIP CLEAR ADHESIVE 4.80MM	Article: 050271	Description: STOCK-CBUTIE-STAND-BLACK-490X51X335MM	Article: 050205026
Standard cable connector w	rith metal latch	Standard cable connector with	n plastic latch
<u>.</u>	For quick, problem-free and reliable bundling of cables, cable harnesses and hoses etc., with elevated requirements around minimum tensile strength.	<u>6</u>	For quick, problem-free and reliable bundling of cables, cable harnesses, hoses etc.
Description: CABLE TIE CLMET.TONGUE 3.6X140MM CABLE TIE BLMET.TONGUE 3.6X140MM CABLE TIE CLMET.TONGUE 4.8X186MM CABLE TIE BLMET.TONGUE 4.8X360MM CABLE TIE CLMET.TONGUE 4.8X360MM CABLE TIE BLMET.TONGUE 4.8X360MM CABLE TIE BLMET.TONGUE 7.6X338MM	Article: 050222 0502231 0502231 050224 05022410 05022510	Description: CABLE TIE CLEAR 2.50X100MM CABLE TIE BLACK 2.50X100MM CABLE TIE BLACK 2.50X100MM CABLE TIE CLEAR 3.6X140MM CABLE TIE CLEAR 3.6X140MM CABLE TIE BLACK 3.5X200MM CABLE TIE BLACK 3.5X200MM CABLE TIE CLEAR 4.6X178MM CABLE TIE BLACK 4.8X178MM CABLE TIE BLACK 4.8X280MM CABLE TIE CLEAR 4.8X280MM CABLE TIE CLEAR 4.8X280MM CABLE TIE BLACK 4.8X360MM CABLE TIE BLACK 4.8X360MM CABLE TIE BLACK 7.8X360MM	Article: 050211 0502111 0502121 0502121 050213 0502135 0502135 0502141 0502141 0502141 0502151 0502161 0502161 0502181
Cable tie with quick-action le	ower, releasable Cable tie with quick-action lower, releasable	Self-adhesive base	For securing cable ties to any dust- and grease-free surfaces, for example metal, paint, plastic, wood, plaster, paper etc.
Description: Releaseable cable tie 12x750 5PCE	Article: 0502300750	Description: CABLE CLIP SELFSTICK WHITE 2.5MM CABLE CLIP SELFSTICK WHITE 3.6MM CABLE CLIP SELFSTICK WHITE 4.8MM CABLE CLIP SELFSTICK WHITE 6.5MM	Article: 0502625 0502636 0502648 0502665



## Cable-laying systems, electric

Special cable tie with metal clo	osure and snap-in knob	Chassis clamp	
	Flat closure		For fastening cables and wire to vehicle chassis, especially for trucks and trailers
Description: ABLE TIE CLMET.TONGUE 3.6X152MM ABLE TIE CLMET.TONGUE 4.8X197MM	Article: 05022812 05022912	Description: CHASSIS CLAMP SPRING 28MM CHASSIS CLAMP SPRING 40MM	Article: 050528 050540
ody Sealing Plugs		Body Sealing Plugs	
	For sealing or closing off holes		For sealing or closing off holes
Description: ANKING GROMMET RUBBER 10MM ANKING GROMMET RUBBER 12MM ANKING GROMMET RUBBER 14MM ANKING GROMMET RUBBER 6MM ANKING GROMMET RUBBER 6MM	Article: 0561110 0561112 0561114 0561116 056116 056118	Description: BLANKING GROMMET RUBBER 22MM BLANKING GROMMET RUBBER 25MM BLANKING GROMMET RUBBER 28MM BLANKING GROMMET RUBBER 21×30x34MM	Article: 0561522 0561525 0561528 05616681
able grommet, double-sided		Cable grommet, one-sided	
	Cable sleeve, double flanged		Cable sleeve, single flanged
Description: ABLE GROMMET RUBBER 6X9X11MM ABLE GROMMET RUBBER 4X6X9MM ABLE GROMMET RUBBER 9X11X16MM ABLE GROMMET RUBBER 10X12X18MM ABLE GROMMET RUBBER 10X12X18MM ABLE GROMMET RUBBER 10X24X30MM ABLE GROMMET RUBBER 21X31X38MM	Article: 05616632 05616634 05616648 05616648 05616650 05616652 05616663 05616665	Description: CABLE GROMMET RUBBER 6X10X14MM CABLE GROMMET RUBBER 8X11.5X16MM	Article: 05616636 05616638

Description:

555 PCS CABLER GROMMETS ASSORTMENT



## Cable-laying systems, electric

		Safety and warning sign – do	angerous electrical voltage
	Nail is guided - high stability during assembly (knocking in nail).		Self-adhesive
Description: AIL CLAMP 6MM 2,0X25MM AIL CLAMP 6MM 2,0X35MM AIL CLAMP 9MM 2,0X35MM AIL CLAMP 9MM 2,0X35MM AIL CLAMP 9MM 2,0X45MM	Article: 059316 25 059316 35 059319 25 059319 35 059319 45	Description: LBLADH{DANEROUSELVOLTAGE}100MM	Article: 096793303
Body sealing plugs assortment		Body sealing plugs assortmen	nt
	For sealing or closing off holes.		For sealing or closing off holes.

Article:

5964056102



### Electrical cable connections

111030000000 	Suitable for flexible conductors even without wire guard		Soldered cable lug DIN 46211
escription: MINAL BLOCK 1.0 to 4.0mm2 MINAL BLOCK 1.5 to 6.0mm2 MINAL BLOCK 5.5 to 10.0mm2 MINAL BLOCK 6 to 16.0mm2	Article: 05561 05562 05563 05564	Description: SOLDER LUG BRASS TERMINAL M6(6-16) SOLDER LUG BRASS TERMINAL M6(6-16) SOLDER LUG BRASS TERMINAL M6(1-6) SOLDER LUG BRASS TERMINAL M6(1-025) SOLDER LUG BRASS TERMINAL M10(1-025) SOLDER LUG BRASS TERMINAL M10(1-635) SOLDER LUG BRASS TERMINAL M10(1-635) SOLDER LUG BRASS TERMINAL M12(1-635) SOLDER LUG BRASS TERMINAL M12(2-50) SOLDER LUG BRASS TERMINAL M12(50-95) SOLDER LUG BRASS TERMINAL M12(50-95) SOLDER LUG BRASS TERMINAL M12(50-95) SOLDER LUG BRASS TERMINAL M12(50-95) SOLDER LUG BRASS TERM M12(70-120)	Article: 05579219 05579220 05579221 05579224 05579225 05579228 05579230 05579230 05579233 05579234 05579244 05579240 05579244
ire end ferrule without plastic	sleeve Expanded sleeve for splicing-free cable entry	Wire end ferrule with plastic slee	ve According to DIN 46228 Part 4
escription: NDFER.DIN46228-CU-J/2NJ-2,5X7,0 IE END FERRULE UL 2.5MMX12.0MM IE END FERRULE UL 4.0MMX72.0MM IE END FERRULE UL 4.0MMX12.0MM NDFER.DIN46228-CU-J/2NJ-6,0X12,0 NDFER.DIN46228-CU-J/2NJ-10,0X15,0	Article: 0557602507 0557602512 0557604009 0557604012 055760015	Description: FERULE INSULATED ORANGE 0.5 SQ MM FERULE INSULATED WHITE 0.75 SQ MM FERRULE INSULATED VELIOW 1.0 SQ MM FERRULE INSULATED RED 1.5 SQ MM FERRULE INSULATED BLACK 6.0 SQ MM	Article: 055700050 055700100 055700150 055700600
/ire end ferrule with plastic sle		Crimp cable lug, pin shape	Crimp cable lug insulated pin shape
	46228		
	40220		

#### **Electrical cable connections**



**Description:** 

RED INSULATED FORK TERM 0.5-1.5 M4

BLUE INSULATED FORK TERM 1.5-2.5 M4 BLUE INSULATED FORK TERM 1.5-2.5 M5

YELL INSULATED FORK TERM 4.0-6.0 M5

Crimp cable lug, insulated fork shape





Wire end ferrule assortment, uninsulated

Sysko

Article: **Description:** 1200PC WIRE END FERRULES UNINSULATED 5964055700

#### Wire end ferrules, insulated, assortment



Wire end ferrule insulated 525 pieces Sysko

#### Crimp cable lug, ring shape

Crimp cable lug, insulated ring shape



Description:
525 PCS WIRE END FERRULES INSULATED

Article: 5964055701

Article:

0967401054

0967401154 0967401155

0967401405

#### Insulated flat plug-in sleeve PVC DIN46245 T1-3

Widened PVC insulation - easy entry



Article: Description: DISCONNECT FEMALE RED TWIN GRIP 9500500471

Article: Description: RED RING TONGUE M5 TWIN GRIP 9500500522



#### Electrical installation materials

Insulated corrugated pipe		Loudspeaker cable	
	Provides protection against heat, UV radiation, moisture and chemicals.		On plastic reel for ORSY® 10 roll system
		0	
Description:	Article:	Description:	Article:
CORRUGATED SPLIT SLEEVING 10MMX14MM CORRUGATED SPLIT SLEEVING 14MMX18MM CORRUGATED SPLIT SLEEVING 16MMX20MM CORRUGATED SPLIT SLEEVING 29MMX33MM	9500500504 9500500505 9500500506 9500500507	TWIN SPEAKER CABLE 1.5MMX100M	9500008721



### Insulating materials, electric

	Heat shrink hose		Heat shrink hose thin-walled without interna
Description: HEAT SHRINK 1.2/0.6MM 10M LONG HEAT SHRINK 1.6/0.8MM 10M LONG HEAT SHRINK 2.4/1.2MM 10M LONG HEAT SHRINK 3.2/1.6MM 10M LONG HEAT SHRINK 4.8/2.4MM 10M LONG HEAT SHRINK 1.2/7.6.4MM 5M LONG HEAT SHRINK 1.2/7.6.4MM 5M LONG HEAT SHRINK 1.2.7/6.4MM 5M LONG HEAT SHRINK 1.2.7/6.4MM 5M LONG HEAT SHRINK 3.8.1/19.0MM 5M LONG HEAT SHRINK 3.8.1/19.0MM 5M LONG HEAT SHRINK 3.8.1/19.0MM 5M LONG	Article: 07718012 07718016 07718024 07718024 07718023 07718048 07718048 07718127 07718127 07718120 07718254 07718381 07718508	Description: HEAT SHRINK 2.4/1.2MM 100MM LONG HEAT SHRINK 3.2/1.6MM 100MM LONG HEAT SHRINK 4.8/2.4MM 100MM LONG HEAT SHRINK 6.4/3.2MM 100MM LONG HEAT SHRINK 9.5/4.8MM 100MM LONG HEAT SHRINK 12.7/6.4MM 100MM LONG HEAT SHRINK 19.0/9.5MM 100MM LONG	Article: 077100240 077100320 077100480 077100640 077100950 077101270 077101900
PVC insulating hose		Wrapping hose, standard	
	Very good UV, ozone, hydrolysis and microbe resistance		Branches possible at any point.
Description: LIEEVING BLACK PVC 10MM 25M LONG LIEEVING BLACK PVC 12MM 25M LONG LIEEVING BLACK PVC 14MM 25M LONG LIEEVING BLACK PVC 14MM 25M LONG LIEEVING BLACK PVC 4MM 25M LONG LIEEVING BLACK PVC 5MM 25M LONG LIEEVING BLACK PVC 6MM 25M LONG LIEEVING BLACK PVC 8MM 25M LONG	Article: 077110 077112 077114 07713 07714 07715 07716 07718	Description: WIRE PROTECT COIL TRANSP 1.6.8.0MM WIRE PROTECT COIL BLACK 5.0.20.0MM WIRE PROTECT COIL TRANSP 5.0.20.0MM WIRE PROTECT COIL BLACK 20.0-100.0MM WIRE PROTECT COIL TRANSP20.0-100.0MM	Article: 077100 16 077100 40 077100 42 077100 90 077100 92
Thin-walled heat-shrink hose as	sortment		
	Shrink rate 2:1 without internal adhesive		



# FASTENERS

# READY FOR WORK

white white the second second



# Assembly materials f. wood general

Tessauer nut, with flange	)	Wood connector plate	
	Thread insert with flange	0	Wood connection plate
Description:	Article:	Description:	Article:
WOODSERT M6X13MM	037690613	WOOD CONNECTION PLUG 55x19x4	090725010
WOODSERT M6X20MM	037690620	WOOD CONNECTION PLUG 63x23x4	090725020
WOODSERT M8X20MM WOODSERT M10X25MM	037690820 037691025		



Bolts metric/inch

#### Slotted cheese head

DIN 84 steel 4.8 zinc plated

#### Pan head screw with H cross recess

. HERREN HERREN HERREN

DIN 7985 steel 4.8 zinc plated H

Description:	Article:	
CHEESE HEAD MACHINE SCREW 3X10	00403 10	
CHEESE HEAD MACHINE SCREW 3X16	00403 16	
CHEESE HEAD MACHINE SCREW 3X20	00403 20	
CHEESE HEAD MACHINE SCREW 3X25	00403 25	
CHEESE HEAD MACHINE SCREW 3X45	00403 45	
CHEESE HEAD MACHINE SCREW 3X60	00403 60	
CHEESE HEAD MACHINE SCREW 4X10	00404 10	
CHEESE HEAD MACHINE SCREW 4X16	00404 16	
CHEESE HEAD MACHINE SCREW 4X20	00404 20	
CHEESE HEAD MACHINE SCREW 4X25	00404 25	
CHEESE HEAD MACHINE SCREW 4X30	00404 30	
CHEESE HEAD MACHINE SCREW 4X40	00404 40	
CHEESE HEAD MACHINE SCREW 4X50	00404 50	
CHEESE HEAD MACHINE SCREW 4X6	00404 6	
CHEESE HEAD MACHINE SCREW 4X60	00404 60	
CHEESE HEAD MACHINE SCREW 5X10	00405 10	
CHEESE HEAD MACHINE SCREW 5X12	00405 12	
CHEESE HEAD MACHINE SCREW 5X16	00405 16	
CHEESE HEAD MACHINE SCREW 5X20	00405 20	
CHEESE HEAD MACHINE SCREW 5X25	00405 25	
CHEESE HEAD MACHINE SCREW 5X30	00405 30	
CHEESE HEAD MACHINE SCREW 5X35	00405 35	
CHEESE HEAD MACHINE SCREW 5X40	00405 40	
CHEESE HEAD MACHINE SCREW 5X45	00405 45	
CHEESE HEAD MACHINE SCREW 5X50	00405 50	
CHEESE HEAD MACHINE SCREW 5X60	00405 60	
CHEESE HEAD MACHINE SCREW 5X80	00405 80	
CHEESE HEAD MACHINE SCREW 6X10	00406 10	
CHEESE HEAD MACHINE SCREW 6X12	00406 12	
CHEESE HEAD MACHINE SCREW 6X16	00406 16	
CHEESE HEAD MACHINE SCREW 6X20	00406 20	
CHEESE HEAD MACHINE SCREW 6X25	00406 25	
CHEESE HEAD MACHINE SCREW 6X30	00406 30	
CHEESE HEAD MACHINE SCREW 6X40	00406 40	
CHEESE HEAD MACHINE SCREW 6X50	00406 50	
CHEESE HEAD MACHINE SCREW 6X60	00406 60	
CHEESE HEAD MACHINE SCREW 6X70	00406 70	

Description:	Article:
AN HEAD MACHINE SCREW 4X10	00464 10
AN HEAD MACHINE SCREW 4X16	00464 16
AN HEAD MACHINE SCREW 4X20	00464 20
AN HEAD MACHINE SCREW 4X6	00464 6
AN HEAD MACHINE SCREW 5X10	00465 10
AN HEAD MACHINE SCREW 5X16	00465 16
AN HEAD MACHINE SCREW 5X20	00465 20
AN HEAD MACHINE SCREW 5X25	00465 25
AN HEAD MACHINE SCREW 5X30	00465 30
AN HEAD MACHINE SCREW 5X35	00465 35
PAN HEAD MACHINE SCREW 5X45	00465 45
AN HEAD MACHINE SCREW 6X10	00466 10
AN HEAD MACHINE SCREW 6X16	00466 16
AN HEAD MACHINE SCREW 6X20	00466 20
AN HEAD MACHINE SCREW 6X25	00466 25
AN HEAD MACHINE SCREW 6X30	00466 30
AN HEAD MACHINE SCREW 6X50	00466 50
AN HEAD MACHINE SCREW 8X20	00468 20
AN HEAD MACHINE SCREW 8X30	00468 30

#### Countersunk head screw with recessed head, H

DIN 965 steel 4.8 zinc plated H

#### Hexagonal bolt with shank

DIN 931 steel 8.8 zinc plated



Description:	Article:	
COUNTERSUNK MACHINE SCREW PH 4X10	00484 10	
COUNTERSUNK MACHINE SCREW PH 4X16	00484 16	
COUNTERSUNK MACHINE SCREW PH 4X20	00484 20	
COUNTERSUNK MACHINE SCREW PH 4X25	00484 25	
COUNTERSUNK MACHINE SCREW PH 5X10	00485 10	
COUNTERSUNK MACHINE SCREW PH 5X16	00485 16	
COUNTERSUNK MACHINE SCREW PH 5X20	00485 20	
COUNTERSUNK MACHINE SCREW PH 5X40	00485 40	
COUNTERSUNK MACHINE SCREW PH 6X10	00486 10	
COUNTERSUNK MACHINE SCREW PH 6X16	00486 16	
COUNTERSUNK MACHINE SCREW PH 6X20	00486 20	
COUNTERSUNK MACHINE SCREW PH 6X25	00486 25	
COUNTERSUNK MACHINE SCREW PH 6X30	00486 30	
COUNTERSUNK MACHINE SCREW PH 6X40	00486 40	
COUNTERSUNK MACHINE SCREW PH 8X30	00488 30	

005310 100	
005310 120	
005310 130	
005310 140	
005310 40	
005310 45	
005310 50	
005310 60	
005310 70	
005310 75	
005310 80	
005310 90	
005312 45	
005312 50	
005312 65	
005312 75	
005312 90	
005314 100	
005314 50	
005314 60	
005314 70	
005314 80	
005314 90	
	005310 120 005310 130 005310 140 005310 40 005310 45 005310 50 005310 70 005310 70 005310 75 005310 80 005312 45 005312 50 005312 50 005312 75 005312 75 005314 100 005314 50 005314 70 005314 80



#### Bolts metric/inch

Hexagonal bolt with shank

ISO 4014 steel 8.8, zinc-plated

#### Hexagonal bolt with thread up to the head

DIN 933 steel 8.8 zinc plated

Description:	Article:	Description:	Article:	
HEX BOLT METRIC 8.8 ZINC 16X100	005316 100	HEX SET SCREW 8.8 ZINC 10X100	005710 100	
HEX BOLT METRIC 8.8 ZINC 16X140	005316 140	HEX SET SCREW 8.8 ZINC 10X16	005710 16	
HEX BOLT METRIC 8.8 ZINC 16X150	005316 150	HEX SET SCREW 8.8 ZINC 10X20	005710 20	
HEX BOLT METRIC 8.8 ZINC 16X50	005316 50	HEX SET SCREW 8.8 ZINC 10X25	005710 25	
HEX BOLT METRIC 8.8 ZINC 16X60	005316 60	HEX SET SCREW 8.8 ZINC 10X30	005710 30	
HEX BOLT METRIC 8.8 ZINC 16X65	005316 65	HEX SET SCREW 8.8 ZINC 10X35	005710 35	
HEX BOLT METRIC 8.8 ZINC 16X70	005316 70	HEX SET SCREW 8.8 ZINC 10X40	005710 40	
HEX BOLT METRIC 8.8 ZINC 16X75	005316 75	HEX SET SCREW 8.8 ZINC 10X45	005710 45	
HEX BOLT METRIC 8.8 ZINC 18X110	005318 110	HEX SET SCREW 8.8 ZINC 10X50	005710 50	
HEX BOLT METRIC 8.8 ZINC 20X100	005320 100	HEX SET SCREW 8.8 ZINC 10X55	005710 55	
HEX BOLT METRIC 8.8 ZINC 20X120	005320 120	HEX SET SCREW 8.8 ZINC 10X60	005710 60	
HEX BOLT METRIC 8.8 ZINC 20X140	005320 140	HEX SET SCREW 8.8 ZINC 10X65	005710 65	
HEX BOLT METRIC 8.8 ZINC 20X80	005320 80	HEX SET SCREW 8.8 ZINC 10X70	005710 70	
HEX BOLT METRIC 8.8 ZINC 6 X30	00536 30	HEX SET SCREW 8.8 ZINC 10X75	005710 75	
HEX BOLT METRIC 8.8 ZINC 6 X40	00536 40	HEX SET SCREW 8.8 ZINC 10X80	005710 80	
HEX BOLT METRIC 8.8 ZINC 6 X50	00536 50	HEX SET SCREW 8.8 ZINC 12X100	005712 100	
HEX BOLT METRIC 8.8 ZINC 8X100	00538 100	HEX SET SCREW 8.8 ZINC 12X110	005712 110	
HEX BOLT METRIC 8.8 ZINC 8X120	00538 120	HEX SET SCREW 8.8 ZINC 12X20	005712 20	
HEX BOLT METRIC 8.8 ZINC 8X130	00538 130	HEX SET SCREW 8.8 ZINC 12X25	005712 25	
HEX BOLT METRIC 8.8 ZINC 8X140	00538 140	HEX SET SCREW 8.8 ZINC 12X30	005712 30	
HEX BOLT METRIC 8.8 ZINC 8X40	00538 40	HEX SET SCREW 8.8 ZINC 12X35	005712 35	
HEX BOLT METRIC 8.8 ZINC 8X45	00538 45	HEX SET SCREW 8.8 ZINC 12X40	005712 40	
HEX BOLT METRIC 8.8 ZINC 8X50	00538 50	HEX SET SCREW 8.8 ZINC 12X45	005712 45	
HEX BOLT METRIC 8.8 ZINC 8X55	00538 55	HEX SET SCREW 8.8 ZINC 12X50	005712 50	
HEX BOLT METRIC 8.8 ZINC 8X60	00538 60	HEX SET SCREW 8.8 ZINC 12X55	005712 55	
HEX BOLT METRIC 8.8 ZINC 8X80	00538 80	HEX SET SCREW 8.8 ZINC 12X60	005712 60	
HEX BOLT METRIC 8.8 ZINC 8X90	00538 90	HEX SET SCREW 8.8 ZINC 12X65	005712 65	
		HEX SET SCREW 8.8 ZINC 12X70	005712 70	
		HEX SET SCREW 8.8 ZINC 12X80	005712 80	
		HEX SET SCREW 8.8 ZINC 14X25	005714 25	
		HEX SET SCREW 8.8 ZINC 14X30	005714 30	
		HEX SET SCREW 8.8 ZINC 14X40	005714 40	
		HEX SET SCREW 8.8 ZINC 14X50	005714 50	
		HEX SET SCREW 8.8 ZINC 14X60	005714 60	
		HEX SET SCREW 8.8 ZINC 14X80	005714 80	
		HEX SET SCREW 8.8 ZINC 14X90	005714 90	



#### Bolts metric/inch

#### Hexagonal bolt with thread up to the head

ISO 4017 steel 8.8 zinc plated



W-0071, steel GR5, galvanised, blue passivated (A2K), UNF (fine thread)



Description:	A
HEX SET SCREW 8.8 ZINC 16X100	003
HEX SET SCREW 8.8 ZINC 16X25	003
HEX SET SCREW 8.8 ZINC 16X30	003
HEX SET SCREW 8.8 ZINC 16X40	003
HEX SET SCREW 8.8 ZINC 16X45	003
HEX SET SCREW 8.8 ZINC 16X50	003
HEX SET SCREW 8.8 ZINC 16X55	003
HEX SET SCREW 8.8 ZINC 16X70	003
HEX SET SCREW 8.8 ZINC 16X80	003
HEX SET SCREW 8.8 ZINC 18X100	003
HEX SET SCREW 8.8 ZINC 18X40	003
HEX SET SCREW 8.8 ZINC 18X50	003
HEX SET SCREW 8.8 ZINC 18X60	003
HEX SET SCREW 8.8 ZINC 18X80	00:
HEX BOLT METRIC 8.8 ZINC 20X65	003
HEX SET SCREW 8.8 ZINC 3X20	00:
HEX SET SCREW 8.8 ZINC 4X12	00:
HEX SET SCREW 8.8 ZINC 4X16	00:
HEX SET SCREW 8.8 ZINC 4X20	00
HEX SET SCREW 8.8 ZINC 4X25	00
HEX SET SCREW 8.8 ZINC 4X30	00
HEX SET SCREW 8.8 ZINC 4X40	00:
HEX SET SCREW 8.8 ZINC 5X10	00:
HEX SET SCREW 8.8 ZINC 5X12	00
HEX SET SCREW 8.8 ZINC 5X16	00:
HEX SET SCREW 8.8 ZINC 5X20	00:
HEX SET SCREW 8.8 ZINC 5X25	00:
HEX SET SCREW 8.8 ZINC 5X30	00:
HEX SET SCREW 8.8 ZINC 5X35	00
HEX SET SCREW 8.8 ZINC 5X40	00
HEX SET SCREW 8.8 ZINC 5X50	00
HEX SET SCREW 8.8 ZINC 5X60	00:
HEX SET SCREW 8.8 ZINC 6X10	00:
HEX SET SCREW 8.8 ZINC 6X100	00
HEX SET SCREW 8.8 ZINC 6X12	00
HEX SET SCREW 8.8 ZINC 6X16	00:
HEX SET SCREW 8.8 ZINC 6X18	00:
HEX SET SCREW 8.8 ZINC 6X20	00
HEX SET SCREW 8.8 ZINC 6X25	00:
HEX SET SCREW 8.8 ZINC 6X30	00:
HEX SET SCREW 8.8 ZINC 6X40	00:
HEX SET SCREW 8.8 ZINC 6X40	00
HEX SET SCREW 8.8 ZINC 6X45	00
HEX SET SCREW 8.8 ZINC 6X50	00.
HEX SET SCREW 8.8 ZINC 6X55	00
HEX SET SCREW 8.8 ZINC 6X60	00.

HEX SET SCREW 8.8 ZINC 6X70

HEX SET SCREW 8.8 ZINC 6X80

HEX SET SCREW 8.8 ZINC 8X100

HEX SET SCREW 8.8 ZINC 8X16

HEX SET SCREW 8.8 ZINC 8X20

HEX SET SCREW 8.8 ZINC 8X25

HEX SET SCREW 8.8 ZINC 8X30

HEX SET SCREW 8.8 ZINC 8X35

HEX SET SCREW 8.8 ZINC 8X40

#### Article: 05716 100 05716 25 05716 30 05716 40 05716 45 05716 50 05716 55 05716 70 05716 80 5718 100 05718 40 05718 50 05718 60 05718 80 05720 65 0573 20 0574 12 0574 16 0574 20 0574 25 0574 30 0574 40 0575 10 0575 12 0575 16 0575 20 0575 25 0575 30 0575 35 0575 40 0575 50 0575 60 0576 10 0576 100 0576 12 0576 16 0576 18 0576 20 0576 25 0576 30 0576 35 0576 40 0576 45 0576 50 00576 55 00576 60 00576 70 00576 80

00578 100

00578 16

00578 20

00578 25

00578 30

00578 35

00578 40

Description:	/
HEX BOLT 8.8 UNF ZINC 1/2-20X1 1/2	0
HEX BOLT 8.8 UNF ZINC 1/2-20X2	0
HEXAGONAL BOLT GR5 ZINC UNF 1/4_28X1	0
HEX BOLT 8.8 UNF ZINC 1/4-28X2	0
HEX BOLT GR5 ZINC UNF 1/4_28X3/4	0
HEX BOLT 8.8 UNF ZINC 3/8-24X1	0
HEXAGONAL BOLT GR5 UNF 3/8_24X1 1/2	0
HEX BOLT GR5 STEEL UNF 3/8-24X1 1/4	0
HEX BOLT 8.8 UNF ZINC 3/8-24X2	0
HEX BOLT 8.8 UNF ZINC 3/8-24X2 1/2	0
HEX BOLT 8.8 UNF ZINC 3/8-24X3	0
HEX BOLT 8.8 UNF ZINC 5/16-24X1	0
HEX BOLT 8.8 UNF ZINC 5/16-24X1 1/2	0
HEX BOLT 8.8 UNF ZINC 5/16-24X1 1/4	0
HEX BOLT 8.8 UNF ZINC 5/16-24X 3/4	0
HEX BOLT 8.8 UNF ZINC 7/16-20X1 1/2	0

#### Article: 007112 112 007112 2 007114 1 007114 2 007114 34 007138.1 007138 112 007138 114 007138 2 007138 212 0071383 00715161 0071516112 0071516114 007151634 0071716112



#### Bolts metric/inch

#### Hexagonal bolt, imperial, UNC



W-0072, steel GR5, galvanised, blue coated (A2K), UNC (standard thread)



ISO 4762/DIN 912 steel 8.8 zinc plated



#### **Description:** HEX BOLT 8.8 UNC ZINC 1/4-20X1 HEX BOLT GR5 ZINC UNC 1/4-20X1 1/2 HEX BOLT 8.8 UNC ZINC 1/4-20X 1/2 HEX BOLT 8.8 UNC ZINC 1/4-20X2 HEX BOLT 8.8 UNC ZINC 1/4-20X 3/4 HEX BOLT 8.8 UNC ZINC 3/4-10X2 HEX BOLT 8.8 UNC ZINC 3/8-16X1 HEX BOLT GR5 ZINC UNC 3/8-16X1 1/2 HEX BOLT GR5 ZINC UNC 3/4\_16X1 1/4 HEXAGONAL BOLT GR5 UNC 3/8\_16X2 HEX BOLT 8.8 UNC ZINC 3/8-16X2 1/2 HEX BOLT 8.8 UNC ZINC 3/8-16X3 HEX BOLT 8.8 UNC ZINC 5/16-18X1 HEX BOLT 8.8 UNC ZINC 5/16-18X1 1/2 HEX BOLT 8.8 UNC ZINC 5/16-18X 1/2 HEXAGONAL BOLT GR5 UNC 5/16\_18X2 HEX BOLT 8.8 UNC ZINC 5/16-18X2 1/2 HEX BOLT 8.8 UNC ZINC 5/8-11X2 HEX BOLT 8.8 UNC ZINC 7/16-14X1 HEX BOLT GR5 STEEL UNC 7/16-14X1 1/2 HEX BOLT GR5 ZINC UNC 7/16\_14X2 HEX BOLT 8.8 UNC ZINC 9/16-12X2

Description:	Article:
ALLEN CAP SCREW GR8.8 10X30	008410 30
ALLEN CAP SCREW GR8.8 10X35	008410 35
ALLEN CAP SCREW GR8.8 12X30	008412 30
ALLEN CAP SCREW GR8.8 12X40	008412 40
ALLEN CAP SCREW GR8.8 4X10	00844 10
ALLEN CAP SCREW GR8.8 4X16	00844 16
ALLEN CAP SCREW GR8.8 4X20	00844 20
ALLEN CAP SCREW GR8.8 5X10	00845 10
ALLEN CAP SCREW GR8.8 5X16	00845 16
ALLEN CAP SCREW GR8.8 5X20	00845 20
ALLEN CAP SCREW GR8.8 5X25	00845 25
ALLEN CAP SCREW GR8.8 5X30	00845 30
ALLEN CAP SCREW GR8.8 5X50	00845 50
ALLEN CAP SCREW GR8.8 6X10	00846 10
ALLEN CAP SCREW GR8.8 6X16	00846 16
ALLEN CAP SCREW GR8.8 6X20	00846 20
ALLEN CAP SCREW GR8.8 6X25	00846 25
ALLEN CAP SCREW GR8.8 6X30	00846 30
ALLEN CAP SCREW GR8.8 6X40	00846 40
ALLEN CAP SCREW GR8.8 6X45	00846 45
ALLEN CAP SCREW GR8.8 6X50	00846 50
ALLEN CAP SCREW GR8.8 6X60	00846 60
ALLEN CAP SCREW GR8.8 8X16	00848 16
ALLEN CAP SCREW GR8.8 8X20	00848 20
ALLEN CAP SCREW GR8.8 8X25	00848 25
ALLEN CAP SCREW GR8.8 8X30	00848 30
ALLEN CAP SCREW GR8.8 8X35	00848 35
ALLEN CAP SCREW GR8.8 8X50	00848 50
ALLEN CAP SCREW GR8.8 8X60	00848 60
ALLEN CAP SCREW GR8.8 8X85	00848 85



ountersunk screw with hexa		Hexagonal bolt with thread up t	
	DIN 7991/ISO 10642 plain steel 010.9		DIN 933 bare stainless steel A4 70
escription:	Article:	Description:	Article:
EN CAP SCREW CSK GR10.9 10X20 EN CAP SCREW CSK GR10.9 10X30 EN CAP SCREW CSK GR10.9 10X40 EN CAP SCREW CSK GR10.9 10X50 EN CAP SCREW CSK GR10.9 12x30 EN CAP SCREW CSK GR10.9 12x35 EN CAP SCREW CSK GR10.9 M12x45	008910 20 008910 30 008910 40 008912 30 008912 35 008912 45	HEX SET SCREW A4 S/STEEL 10X20 HEX SET SCREW A4 S/STEEL 10X30 HEX SET SCREW A4 S/STEEL 10X40 HEX SET SCREW A4 S/STEEL 12X45 HEX SET SCREW A4 S/STEEL 12X70	009110 20 009110 30 009110 40 009112 45 009112 70
N CAP SCREW CSK GR10.9 M12x3 N CAP SCREW CSK GR10.9 3X16 N CAP SCREW CSK GR10.9 4X10 N CAP SCREW CSK GR10.9 4X12 N CAP SCREW CSK GR10.9 4X16 N CAP SCREW CSK GR10.9 4X20 N CAP SCREW CSK GR10.9 4X30 N CAP SCREW CSK GR10.9 5X10	00891243 00893 16 00894 10 00894 12 00894 16 00894 20 00894 30 00895 10		
N CAP SCREW CSK GR10.9 5X12 N CAP SCREW CSK GR10.9 5X16 N CAP SCREW CSK GR10.9 5X20 N CAP SCREW CSK GR10.9 5X25 N CAP SCREW CSK GR10.9 5X30 N CAP SCREW CSK GR10.9 6X10 N CAP SCREW CSK GR10.9 6X16	00895 12 00895 16 00895 20 00895 25 00895 30 00896 10 00896 16		
N CAP SCREW CSK GR10.9 6X20 N CAP SCREW CSK GR10.9 6X25 N CAP SCREW CSK GR10.9 6X30 N CAP SCREW CSK GR10.9 6X30 N CAP SCREW CSK GR10.9 6X40 N CAP SCREW CSK GR10.9 6X50 N CAP SCREW CSK GR10.9 8X12	00896 20 00896 25 00896 30 00896 35 00896 40 00896 50 00896 12		
N CAP SCREW CSK GR10.9 8X16 N CAP SCREW CSK GR10.9 8X20 N CAP SCREW CSK GR10.9 8X25 N CAP SCREW CSK GR10.9 8X30 N CAP SCREW CSK GR10.9 8X30 N CAP SCREW CSK GR10.9 8X40 N CAP SCREW CSK GR10.9 8X50	00898 16 00898 20 00898 25 00898 30 00898 35 00898 40 00898 50		
exagonal bolt with thread u	up to the head	Hexagonal bolt with thread up t	o the head
	ISO 4017 stainless steel A4 50, A4 70, plain		ISO 4017 A2 stainless steel 50, A2 70 plain
	0		
SET SCREW A4 S/STEEL 5X20 SET SCREW A4 S/STEEL 5X30 SET SCREW A4 S/STEEL 6X20 SET SCREW A4 S/STEEL 6X20 SET SCREW A4 S/STEEL 6X30 SET SCREW A4 S/STEEL 6X60 SET SCREW A4 S/STEEL 6X20	Article: 00915 20 00915 30 00916 20 00916 30 00916 50 00916 60 00918 20	Description: HEX SCREW A2.70 M18X80 HEX SCREW A2.70 M6X25 HEX SCREW A2.70 M8X16	Article: 009618 80 00966 25 00968 16
SET SCREW A4 S/STEEL 8X30 (SET SCREW A4 S/STEEL 8X40 (SET SCREW A4 S/STEEL 8X50 (SET SCREW A4 S/STEEL 8X70	00918 30 00918 40 00918 50 00918 70		



	ISO 4028 stainless steel A2 21H plain	DIN 7604 steel zinc plated shape A	
escription:	Article:	Description:	Article:
RUB SCREW DOG A2 M6X10 RUB SCREW DOG A2 M8X16	02226 10 02228 16	SUMP PLUG LOW FORM 14X1.5X9 SUMP PLUG LOW FORM 18X1.5X9	024014 15 024018 15
lexagon head sealing plug wit	h collar	Stud with threaded end ≈ 1.25	d
	DIN 910 steel zinc plated		DIN 939 plain steel 5.8
Description: UMP PLUG HIGH FORM 10X1.0X8 UMP PLUG HIGH FORM 12X1.5X12 UMP PLUG HIGH FORM 14X1.5X12 UMP PLUG HIGH FORM 14X1.5X12 UMP PLUG HIGH FORM 18X1.5X12 UMP PLUG HIGH FORM 22X1.5X14	Article: 024110 1 024112 15 024114 15 024116 15 024118 15 024122 15	Description: STUD BLACK 10X30/42 STUD BLACK 10X40/52 STUD BLACK 10X40/52 STUD BLACK 10X45/57 STUD BLACK 10X60/72 STUDS BLACK 10X60/72 STUDS BLACK 10X60/72 STUDS BLACK 8 X20/30 STUDS BLACK 8 X20/30 STUDS BLACK 8 X25/35 STUDS BLACK 8 X30/40 STUDS BLACK 8 X35/45 STUDS BLACK 8 X45/55	Article: 025010 30 025010 35 025010 45 025010 45 025010 45 025012 40 025012 40 02508 25 02508 25 02508 30 02508 45
lexagon socket set screw with	truncated cone	Threaded pin	
	ISO 4026 steel 45H plain		ISO 4027 steel 45H plain
Description: N HEX GRUB SCREW 5X10 N HEX GRUB SCREW 5X16 N HEX GRUB SCREW 6X10 N HEX GRUB SCREW 6X16 N HEX GRUB SCREW 8X16	Article: 02555 10 02555 16 02556 10 02556 16 02558 10	Description: IN HEX GRUB SCREW 10X15 IN HEX GRUB SCREW 5X10 IN HEX GRUB SCREW 6X10 IN HEX GRUB SCREW 6X16 IN HEX GRUB SCREW 8X10 IN HEX GRUB SCREW 8X16	Article: 025610 15 02565 10 02566 10 02566 16 02568 16



lexagon socket set screw wit	h pin	Hexagon socket set screw with	truncated cone
	ISO 4028 steel 45H, plain		ISO 4026 stainless steel A2 21H plain
HEX GRUB SCREW 5X10 HEX GRUB SCREW 5X10 HEX GRUB SCREW 6X10 HEX GRUB SCREW 6X10 HEX GRUB SCREW 6X16	Article: 02575 10 02575 16 02576 10 02576 16	Description: GRUB SCREW FLAT A2 M5X10 GRUB SCREW FLAT A2 M5X16 GRUB SCREW FLAT A2 M6X10 GRUB SCREW FLAT A2 M6X16	Article: 02615 10 02615 16 02616 10 02616 16
HEX GRUB SCREW 8X10 HEX GRUB SCREW 8X16	02578 10 02578 16	GRUB SCREW FLAT A2 M8X10 GRUB SCREW FLAT A2 M8X16	02618 10 02618 16
lexagonal bolt with shank ar	nd fine thread	Hexagonal bolt, with thread to	head and fine thread
	DIN 960 steel 10.9 zinc nickel fine thread		DIN 961 steel 10.9 zinc nickel fine thread
Pescription: X BOIT GR 10.9 10X1.0X30 X BOIT GR 10.9 10X1.0X40 X BOIT GR 10.9 10X1.0X50	Article: 026341030 026341040 026341050	Description: HEX SET SCREW GR10.9 10X1.0X30 HEX SET SCREW GR10.9 10X1.0X40 HEX SET SCREW GR10.9 12X1.5X30	Article: 026351030 026351040 026351230
X BOLT GR 10.9 12X1.5X35 X BOLT GR 10.9 12X1.5X35 X BOLT GR 10.9 12X1.5X45 X BOLT GR 10.9 14X1.5X40 X BOLT GR 10.9 14X1.5X50 X BOLT GR 10.9 14X1.5X60 X BOLT GR 10.9 14X1.5X60	026341030 026341235 026341245 026341440 026341450 026341460 026341490	HEX SET SCREW GR10,9 12X1,5X35 HEX SET SCREW GR10,9 12X1,5X35 HEX SET SCREW GR10,9 12X1,5X45 HEX SET SCREW GR10,9 12X1,5X35 HEX SET SCREW GR10,9 14X1,5X40 HEX SET SCREW GR10,9 14X1,5X45	026351235 026351245 026351245 026351250 026351445
EX BOLT GR 10.9 16X1.5X40 EX BOLT GR 10.9 16X1.5X45 EX BOLT GR 10.9 16X1.5X50 EX BOLT GR 10.9 16X1.5X60 EX BOLT GR 10.9 16X1.5X65 EX BOLT GR 10.9 8X1.0X25 EX BOLT GR 10.9 8X1.0X30	026341640 026341645 026341650 026341660 026341665 026348 25 026348 30	HEX SET SCREW GR10.9 16X1.5X40 HEX SET SCREW GR10.9 8X1.0X35	026351640 026358 35
lexagon head serrated screv	v with flanae	Hexagon head serrated screw v	with flanae
	W-0274 steel 8.8 zinc plated		W-0274, galvanised steel 8.8 thick-film passivated (VZD)
- fanning and a statement			
Pescription: XAGON HEAD SERRATED SCREW M10X25	Article: 027401025	Description:	Article: 027451235
AGON HEAD SERATED SCREW M10X23 (AGON HEAD SERATED SCREW M10X33 (AGON HEAD SERATED SCREW M10X35 (AEXFLG/UKV-8.8W515-(A2K)-M10X40 (AGON HEAD SERATED SCREW M12X25 (AGON HEAD SERATED SCREW M12X45	027401030 027401035 027401040 027401050 027401225 027401245		
ICHET SCREW HEX HEAD MAX16 VSILOCK SCREW YELL PAS GR8.8 6X20 XAGON HEAD SERRATED SCREW M6X25 VSILOCK SCREW YELL PAS GR8.8 6X30 R:HEX-FLG/UKV-8E.WS13-(A2K)-M8X16 VSILOCK SCREW YELL PAS GR8.8 6X20	027406 16 027406 20 027406 25 027406 30 027408 16 027408 20		
NSILOCK SCREW TELL PAS GR8.8 8720 R-HEX-FLG/UKV-8.8-WS13-(A2K)-M8X30 R-HEX-FLG/UKV-8.8-WS13-(A2K)-M8X35	027408 20 027408 30 027408 35		



Hexagon head serrated screw with flange		Countersunk head screw with he	xagon socket
	W-0274 steel 8.8 zinc plated yellow		DIN 7991 / ISO 10642 bare stainless steel A4
0			
Description: TENSILOCK SCREW YELL PAS GR8.8 10X50 TENSILOCK SCREW YELL PAS GR8.8 8X16 TENSILOCK SCREW YELL PAS GR8.8 8X35	Article: 027410 50 02748 16 02748 35	Description: ALEN CAP SCREW CSK A4 4X16 ALEN CAP SCREW CSK A4 4X20 ALEN CAP SCREW CSK A4 4X50 ALEN CAP SCREW CSK A4 5X40 ALEN CAP SCREW CSK A4 6X50 ALEN CAP SCREW CSK A4 6X50 ALEN CAP SCREW CSK A4 8X50 ALEN CAP SCREW CSK A4 8X50 ALEN CAP SCREW CSK A4 8X60	Article: 02994 16 02994 20 02994 50 02995 40 02996 50 02996 60 02998 50 02998 60
Hexagonal bolt		Hexagonal bolt	
0	ASME B18.2.1, galvanised steel grade 5 blue passivated (A2K), UNC (standard thread)	0	ASME B18.2.1, galvanised steel grade 5 blue passivated (A2K), UNC (standard thread)
Description: HEX BOLT 8.8 UNC ZINC 5/16-18X 3/4 HEX BOLT 8.8 UNC ZINC 1/2-13X1 1/2	Article: 7001031075 7001050150	Description: scr.Hcs.Grs.{ZN}.3/8_24x2 scr.Hcs.Grs.{ZN}.1/2_20X1 1/2	Article: 7001038200 7001051150
Hexagon head serrated screw v	with flange		
	Verbus® W-158.12, steel, 100, galvanised, yellow chrome plated (A2C)		
Description: CHASSIS BOLT GR 10.9 M14X1.5X40 CHASSIS BOLT GR 10.9 M14X1.5X45 CHASSIS BOLT GR 10.9 M14X1.5X50 CHASSIS BOLT GR 10.9 M14X1.5X55	Article: 9500500006 9500500007 9500500008 9500500009		



### Connection element assortments

	collar Delta Seal black assortment	Flat washers assortment	
	1500 pieces in system case 4.4.1 tapping screw pan head with collar, H cross recess, Delta Seal black zinc-plated steel		1425 pieces in system case 4.4.1 DIN 125 shape A, 140 HV, zinc-plated steel, blue passivated (A2K) – washers for hexagon bolts and nuts
Description: 1500 PCS PH PAN HD S/TAP WITH COLLAR	Article: 5964013401	Description: 1425 PCS FLAT WASHERS M3-M20	Article: 5964040700
Tension springs with double ey	relets assortment	Circlips assortment	
	Zinc-plated spring steel, blue passivated (A2K)		DIN 471, plain spring steel, for shafts.
	Article:	Description: 1050 PCS EXTERNAL CIRCUPS 5MM-35MM	Article:
Circlips for bores assortment		Wing repair washer assortme	nt
	1050 pieces in system case 4.4.1 DIN 472 J, spring steel, phosphated and oiled, D 8-30 mm		Zinc-plated steel, blue passivated (A2K).
Description:	Article: 5964043900	Description: 1400 PCS FENDER WASHERS M4-M13	Article: 5964041100
1050 PCS INTERNAL CIRCUPS 8MM-30MM	5964043900	1400 PCS FENDER WASHERS M4-M13	5964041100
	5964043900		5964041100



## Connection element assortments

Sealing ring assortment		Sealing ring assortment DIN 7	603 shape A
	Aluminium		Solid copper
Description: 525 PCS ALUMINIUM WASHERS 6MM-30MM	Article: 5964046300	Description: 1350 PCS COPPER WASHER 6MM-32MM	Article: 5964046000
Assortment of vulcanised fibre	sealing rings	Tapping screws pan head DIN	7981 zinc-plated assortment
	DIN 7603 vulc fib, 1170 pcs Sysko		1600 pieces in system case 4.4.1 tapping screws pan head DIN 7981 shape C, H cross recess, zinc-plated steel, blue passivated (A2K)
Description: 1170 PCS FIBRE WASHER SMM-30MM	Article: 5964046500	Description: 1600 PCS PH PAN HEAD S/TAP SCREWS	Article: 5964011500
Slotted cheese head screw ass	ortment	Hexagon nut assortment	
Slotted cheese head screw ass	cortment Zinc-plated steel, blue passivated (A2K), slotted	Hexagon nut assortment	1035 pieces in system case 4.4.1. DIN934,  8  zinc-plated steel, blue passivated (A2K).
	Zinc-plated steel, blue passivated (A2K),		
ини	Zinc-plated steel, blue passivated (A2K), slotted	Description:           1035 PCS HEX NUTS M3-M16	8  zinc-plated steel, blue passivated (A2K).
ини	Zinc-plated steel, blue passivated (A2K), slotted Article: 5964004001	Description:	8  zinc-plated steel, blue passivated (A2K).



### Connection element assortments

Set screws assortment		Cheese head screws with hexag	gon socket assortment
	Plain steel 45H		1040 pieces in system case 4.4.1. ISO 4762, 8.8 zinc-plated steel, blue passivated (A2K)
Description: 540 PCS GRUB SCREWS M5-MB	Article: 5964025600	Description: 1080 PCS ALLENCAP SCREWS M4-MB	Article: 5964008401
Clamping pins (sleeves) assortm	nent	Clamping pins (sleeves) assortm	ient
	Spring steel, plain		Spring steel, plain
Description: 1100 PCS DOWEL PINS 2MM-6MM	Article: 5964047500	Description: 240 PCS DOWEL PINS 7MM-12MM	Article: 5964047501
o-ring mounting kit assortment		o-ring, imperial assortment	
	Round cord, various diameters, NBR 70		O-ring, inch, NBR 70, (25-43.82)
	Article: 5964046806	Description: 330 PCS O-RINGS IMPERIAL 25-43.82MM	Article: 5964046807
O-ring, inch assortment		O-ring metric assortment	
	O-ring, inch, NBR 70, 440 pieces in system case 4.4.1.		NBR 70, diameter 3-24 mm



#### Connection element assortments

#### O-ring, imperial assortment o-ring metric assortment O-ring, metric, NBR 70, dia. 25-42 mm, 330 O-ring, inch, NBR 70, (2.9-23.4), 1050 pieces for system case 4.4.1. pieces in system case 4.4.1. Article: Article: **Description:** Description: 330 PCS O-RINGS METRIC 25MM-35MM 5964046802 1050 PCS O-RINGS IMPERIAL 2.9-23.4 5964046805 pias blind rivet round pan head assortment Plastic blind rivets assortment 631 pieces in system case 4.4.1. Aluminium, Sleeve: Black PA, mandrel: POM black AlMg 2.5 / zinc-plated steel, blue passivated (A2K), D 3.2-4.8 mm Article: Article: **Description:** Description: 631 PCS BLIND RIVETS+PLIER 3.2-4.8 5964091500 BLIND RIVET ASSORTMENT 151PCS 596405000 Bonded seal, self-centring, assortment 165 pieces in system case 4.4.1 screw seal, self-centring M4-M24, zinc-plated steel, blue passivated (A2K) Article: Description: SEAL ASSORTMENT 165PCS 5964046900



## Fasteners, other

Stud with small head		Linch pin	
	DIN 1434 steel zinc plated		Steel, yellow zinc-plated
Description: CLEVIS PIN 10X24/28 CLEVIS PIN 10X30/35 CLEVIS PIN 12X30/35 CLEVIS PIN 12X35/40 CLEVIS PIN 14X34/40 CLEVIS PIN 14X40/45 CLEVIS PIN 14X40/45 CLEVIS PIN 5X16/18 CLEVIS PIN 8 X19/22	Article: 02600010 026000121 026000121 02600014 026000142 0260005 0260006 0260008	Description: SAFETY CUP ZINC M10 SAFETY CUP ZINC M11 SAFETY CUP ZINC M4.5 SAFETY CUP ZINC M6 SAFETY CUP ZINC M8	Article: 047210 047211 047245 04726 04728
Spring cotter pin		Spring cotter pin	
	Steel zinc plated with double loop		Steel zinc plated with single loop
Description: RETAINING CLIP DOUBLE LOOP 2X50 RETAINING CLIP DOUBLE LOOP 3X62 RETAINING CLIP DOUBLE LOOP 4X78 RETAINING CLIP DOUBLE LOOP 6X120 RETAINING CLIP DOUBLE LOOP 8X130	Article: 04732 3 04733 3 04734 3 04736 3 04738 3	Description: RETAINING CUP SINGLE LOOP 2X50 RETAINING CUP SINGLE LOOP 3X60 RETAINING CUP SINGLE LOOP 4X60 RETAINING CUP SINGLE LOOP 5X85 RETAINING CUP SINGLE LOOP 6X105 RETAINING CUP SINGLE LOOP 8X110	Article: 04732 1 04733 1 04734 1 04735 1 04736 1 04738 1
Spring cotter pin			
	A2 stainless steel		



Description:	Article:
BRAKE PAD CLIP	050030771



### Machine elements general

#### Fork joints with split pin

Fork joints with split pin		Angle joint, shape C	
	DIN 71751 steel zinc plated		DIN 71802 steel zinc plated shape C
Description: CLEVIS COMPLETE M6X12/24 CLEVIS COMPLETE M6X24/36 CLEVIS COMPLETE M8X16/32 CLEVIS COMPLETE M8X12/48 CLEVIS COMPLETE M10X40/60 Angular joint shape CS with retain	Article: 026800612 026800624 026800816 026800832 026801040	Description: BALL JOINT COMPLETE FORM A M5 BALL JOINT COMPLETE FORM A M6 BALL JOINT COMPLETE FORM A M8 BALL JOINT COMPLETE FORM A M10 Angular joint shape CS with safet	Article: 026820510 026820612 026820816 026821019
	DIN 71802 steel zinc plated shape CS		DIN 71802 steel zinc plated shape CS long version
Description: BALL JOINT COMPLETE FORM AS M5 BALL JOINT COMPLETE FORM AS M6 BALL JOINT COMPLETE FORM AS M8 BALL JOINT COMPLETE FORM AS M10	Article: 026850510 026850612 026850816 026851019	Description: BALL JOINT COMPLETE LONG M6 BALL JOINT LONG VERSION M8X16 BALL JOINT LONG VERSION M10X19	Article: 026830612 026830816 026831019



#### Machine elements general

Angular joint shape CS with retaining clip, left-hand thread		Clamping pin/clamping sleeve, slotted, heavy-duty design	
	DIN 71802 steel zn ptd. left-hand thread shape CS		ISO 8752 steel plain
Description: BALL JOINT LEFT HAND THREAD M5X10 BALL JOINT LEFT HAND THREAD M6X12 BALL JOINT LEFT HAND THREAD M10X19	Article: 026860510 026860612 026861019	Develyselico pin black m10x40 dowelyselico pin black m10x50 dowelyselico pin black m10x50 dowelyselico pin black m10x50 dowelyselico pin black m10x70 dowelyselico pin black m12x40 dowelyselico pin black m12x50 dowelyselico pin black m12x50	Article:           047510 40           047510 50           047510 60           047510 90           047512 40           047512 40           04752 20           04752 20           04753 30           04753 30           04754 20           04753 30           04753 40           04754 20           04754 20           04754 30           04754 40           04755 20           04754 50           04755 50           04755 30           04755 40           04755 50           04756 30           04756 30           04757 70           04757 70           04758 40           04755 50           04756 50           04756 40           04757 50           04758 40           04759 50           04758 40           04758 40           04758 40           04758 40           04758 60           04758 60           04758 60           04758 60           04758 60           04758 60

DIN 2095 steel zinc plated

DIN 2097 zinc-plated steel with double eyelets

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AND A REAL PROPERTY.	120205-000004-000	Personal South	1000
		ALCOUNT OF CALL	
EAMERALAND CONTACT	RANDARARINADA	AND DESCRIPTION OF THE PARTY OF T	
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Description:	Article:
COMPRESSION SPRING 8X42MM	050608 42
COMPRESSION SPRING 10X32MM	050610 32
COMPRESSION SPRING 15X32MM	050610 321
COMPRESSION SPRING 12X35MM	050610 35
COMPRESSION SPRING 10X40MM	050610 40
COMPRESSION SPRING 12X60MM	050610 60
COMPRESSION SPRING 15X28MM	050615 28
COMPRESSION SPRING 10X45MM	050615 45
COMPRESSION SPRING 15X45MM	050615 451
COMPRESSION SPRING 10X55MM	050615 55
COMPRESSION SPRING 12X55MM	050615 551
COMPRESSION SPRING 15X55MM	050615 552
COMPRESSION SPRING 15X55MM	050615 553

**Description:** TENSION SPRING 6X25MM TENSION SPRING 5X50MM TENSION SPRING 7X55MM TENSION SPRING 9X100MM TENSION SPRING 10X105MM TENSION SPRING 11X130MM TENSION SPRING 9X45MM TENSION SPRING 8X55MM TENSION SPRING 1X11X55MM TENSION SPRING 10X60MM TENSION SPRING 8X70MM TENSION SPRING 11X70MM TENSION SPRING 9X75MM TENSION SPRING 12X85MM TENSION SPRING 7X90MM TENSION SPRING 7X25MM TENSION SPRING 1.3X11X55MM TENSION SPRING 12.5X110MM TENSION SPRING 12.5X65MM TENSION SPRING 12.5X75MM

#### Article: 050620625 050620650 050620655 0506210100 0506210105 0506210130 050621045 050621045 0506210551 050621060 050621070 0506210701 050621075 050621085 050621090 050621325 050621355 0506215110 050621565 050621575



# Machine elements general

		Concernance simple include	analad shares (58
Cone grease nipple, inch, shape C	, angled shape 90°	Cone grease nipple, inch, shape E	, angled shape 45
	DIN 71412 st. zinc-plt sh. C 90°Hexagon Drive inch		DIN 71412 st. zinc-ptd sh. B 45° Hexagon Dr. inch
· · ·	Article: 098663	Description: GREASE NIPPLE 45 DEGR 1/8" BSP(3/8) GREASE NIPPLE 45 DEGR 1/4" BSP(1/2)	Article: 098653 098654
Conical drive-in nipple		Cone grease nipple	
	DIN 71412 steel zinc plated H shape A		DIN 71412 zinc-plated steel 45° shape B, square
	Article:	Description:	Article:
GREASE NIPPLE STRAIGHT KNOCK IN 8MM	098646 098647	GREASE NIPPLE 45 DEGREE 6X1.0MM GREASE NIPPLE 45 DEGREE 8X1.0MM	098650 098651
GREASE NIPPLE STRAIGHT KNOCK IN 10MM	098648	GREASE NIPPLE 45 DEGREE 10X1.0MM	098652
Cone grease nipple		Cone arease nipple DIN 71412.	shape A, straight, zinc plated steel,
	DIN 71412 zinc-plated steel 90° shape C, square		DIN 71412 zinc-plated steel shape A hexagon inch
GREASE NIPPLE 90 DEGREE 6X1.0MM GREASE NIPPLE 90 DEGREE 8X1.0MM	Article: 098660 098661 098662	Description: Grease NIPPLE STRAIGHT 1/8" BSP(3/8) GREASE NIPPLE STRAIGHT 1/4" BSP(1/2)	Article: 098643 098644
Cone grease nipple shape A, straig	aht		
	DIN 71412 zinc-plated steel, shape A, hexagon		
GREASE NIPPLE STRAIGHT 8X1.25MM	Article: 0986135 0986136		



## <u>Nuts</u>

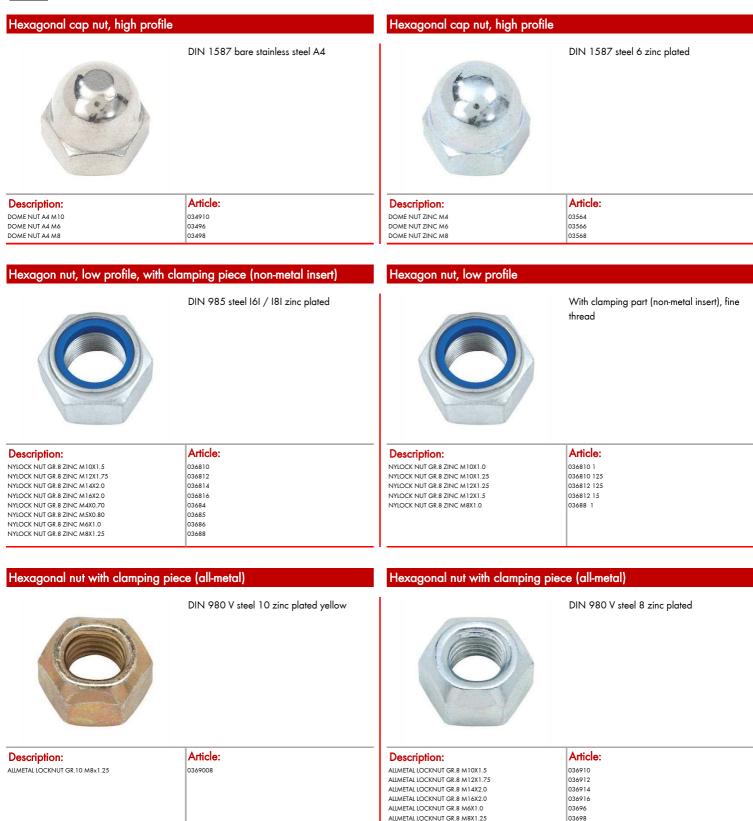
Hexagon nut with fine thread		Hexagon nut with clamping p	iece (all-metal) fine thread DIN 980,
0	DIN 934 steel 1101 zinc plated yellow fine thread		DIN 980 V steel 1101 zinc ptd. yellow fine thread
Description: uut.hex.din9341101W\$17-{p3e}-m10x1,0	Article: 02630101	Description: NUT-SLOK-DIN980-V-1101-WS22-P3E-M14X1,5	Article: 0263001415
Hexagon nut with small width	across flats	Hexagon nut	
	Similar to DIN934, strength class 181, zinc- plated, blue passivated (A2K), with small width across flats		DIN 934 steel 161 / 181 zinc plated
Description: ex nut sw15 grade 8 zinc m10x1.5	Article: 031710 15	Description: HEX NUT GRADE 8 ZINC M10X1.5 HEX NUT GRADE 8 ZINC M10X1.75 HEX NUT GRADE 8 ZINC M14X2.0 HEX NUT GRADE 8 ZINC M14X2.0 HEX NUT GRADE 8 ZINC M16X2.0 HEX NUT GRADE 8 ZINC M20X.40 HEX NUT GRADE 8 ZINC M20X.40 HEX NUT GRADE 8 ZINC M20X.50 HEX NUT GRADE 8 ZINC M4X0.70 HEX NUT GRADE 8 ZINC M4X0.70 HEX NUT GRADE 8 ZINC M5X0.80 HEX NUT GRADE 8 ZINC M5X1.0 HEX NUT GRADE 8 ZINC M5X1.0 HEX NUT GRADE 8 ZINC M5X1.25	Article: 031710 031712 031714 031716 031718 03172 031720 031720 03173 03174 03175 03175 03176 03177 03178
Hexagon nut with fine thread		Hexagon nut	
	DIN 934 steel 181 zinc plated fine thread		DIN 934 plain A2 stainless steel
Description: Hex NUT SW17 GRADE 8 ZINC M10X1.25 HEX NUT GRADE 8 ZINC M12X1.25 HEX NUT GRADE 8 ZINC M12X1.5 HEX NUT GRADE 8 ZINC M14X1.5 HEX NUT GRADE 8 ZINC SW13 M8X1.0	Article: 031710 125 031712 125 031712 15 031714 15 03178 113	Description:           HEK NUT A2 M10           HEK NUT A2 M12           HEK NUT A2 M14           HEK NUT A2 M16           HEK NUT A2 M18           HEK NUT A2 M4           HEK NUT A2 M5           HEK NUT A2 M6           HEK NUT A2 M8	Article: 032210 032212 032214 032216 03224 03224 03225 03226 03226 03228



## <u>Nuts</u>

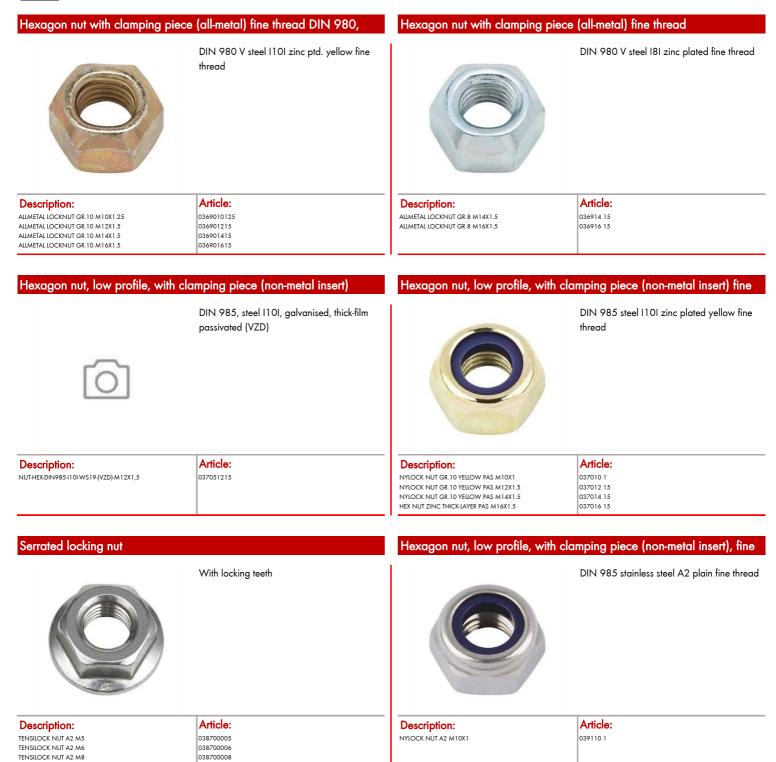
Hexagon nut		Hexagon nut with fine thread	
	DIN 934 steel 1101 zinc plated yellow	0	DIN 934 steel 1101 zinc plated yellow fine thread
Description: HEX NUT GR. 10 YELLOW PAS M 10X1.50	Article: 032410	Description: HEX NUT GR.10 YELLOW PAS M10X1.0	Article: 032410 1
IEX NUT IIOI ZINC-W\$13-(A2K)-M8	03248	HEX NUT GR. 10 VELOW PAS M 12X1.5 HEX NUT GR. 10 VELOW PAS M 14X1.5 HEX NUT GR. 10 VELOW PAS M 16X1.5	032412 15 032414 15 032416 15
Hexagon nut		Hexagon nut, imperial	
	ISO 4032 plain A4 stainless steel 70		W-0330 galvanized steel GR5
Description: HEX NUT A4 M10 HEX NUT A4 M12 HEX NUT A4 M5 HEX NUT A4 M6 HEX NUT A4 M8	Article: 0326910 0326912 032695 032696 032698	Description: HEX NUT UNC GR.8 1/2".13 HEX NUT UNC GR.8 1/4".20 HEX NUT UNC GR.8 3/4".10 HEX NUT UNC GR.8 3/4".16 HEX NUT UNC GR.8 5/16".18 HEX NUT UNC GR.8 5/8".11 HEX NUT UNC GR.8 5/16".14	Article: 033012 033014 033034 033038 0330516 033058 0330716
Hexagon nut, imperial		Hexagonal cap nut, high profile	)
	W-0331 galvanized steel GR5, blue passivated (A2K)		DIN 1587 plain A2 stainless steel
Description: HEX NUT UNF GR.8 1/2*20 HEX NUT UNF GR.8 3/4*28 HEX NUT UNF GR.8 3/4*26 HEX NUT UNF GR.8 3/8*24 HEX NUT UNF GR.8 5/16*24 HEX NUT UNF GR.8 7/16*20	Article: 033112 033114 033138 0331516 0331716	Description: DOME NUT A2 M5	Article: <sup>03485</sup>

#### <u>Nuts</u>



WURTH

### Nuts



WURTH

# 븢 WüRTH

## <u>Nuts</u>

Serrated locking nut with locking teeth		Hexagon nut, low profile, with cl	amping piece (non-metal insert)
	DIN 6923 similar steel 8 zinc-plated locking teeth		DIN 985 bare stainless steel A4
Description: SERATED LOCKING NUT ZINC PLATED M10 SERRATED LOCKING NUT ZINK PLATED M12 SERRATED LOCKING NUT ZINC PLATED M6 SERRATED LOCKING NUT ZINK PLATED M8	Article: 0394010 0394012 039405 039406 039408	Description:           NYLOCK NUT A4 M10           NYLOCK NUT A4 M12           NYLOCK NUT A4 M4           NYLOCK NUT A4 M5           NYLOCK NUT A4 M6           NYLOCK NUT A4 M8	Article: 039710 039712 03974 03975 03976 03978
Hexagonal nut, imperial		Hexagon nut, imperial	
	ASME B18.2.2, galvanised steel grade 5, blue passivated, UNC (standard thread)	6	W-0330 galvanized steel GR5
Description: NUT-HX-FIN-GRS-{ZN}-5/16_18	Article: <sup>7738031</sup>	Description: NUT-HX:FIN-GR5{ZN}-1/4_20 NUT-HX:FIN-GR5{ZN}-3/8_16	Article: 7738014 7738037
Ripp nut			
	Ripp nut, others		
Description: CHASSIS NUT GR 10.9 M14X1.5	Article: 9500500010		



## <u>Rivets</u>

Blind rivet, flat head		Blind rivet, flat head	
	Sleeve: Aluminium AlMg 2.5, black anodised, pin: Galvanised steel, blue passivated (A2K)		Sleeve: Al-Mg aluminium 2.5. Mandrel: Galvanised steel, blue passivated (A2K)
·•••••		« <u> </u>	
Description: ebra bund rivet blk0.5-9.6mm 4x13	Article: 0915594013	Description:           ZEBRA BLIND RIVET 0.5-8.0MM 3.2x11           ZEBRA BLIND RIVET 0.5-4.8MM 3.2x8           ZEBRA BLIND RIVET 0.5-4.6MM 4x10           ZEBRA BLIND RIVET 0.5-9.6MM 4x13           ZEBRA BLIND RIVET 0.5-12.7MM 4x17           ZEBRA BLIND RIVET 0.5-4.6MM 4x10           ZEBRA BLIND RIVET 0.5-12.7MM 4x17           ZEBRA BLIND RIVET 0.5-11.0MM 4.8x10           ZEBRA BLIND RIVET 0.5-11.0MM 4.8x15           ZEBRA BLIND RIVET 0.5-19.8MM 4.8x25	Article: 091553211 09155328 091554010 091554013 091554017 091554810 091554815 091554825
Blind rivet, flat head		Blind rivet, large flat head	
	Head-painted rivet, sleeve: Aluminium AlMg 2.5; pin: Galvanised steel, blue passivated (A2K)		Sleeve: Aluminium, black anodised Pin: Galvanised steel, blue passivated (A2K).
		-	
Description: Tras bund rivet white head 4.0 x 13	Article: 0915584013	Description: BLIND RIVET 15.6MM HD 4.8X10 BLACK BLIND RIVET 15.6MM HD 4.8X17 BLACK	Article: 091594810 091594817
Blind rivet, large flat head		Rivet nut with flat head	
6	Sleeve: Aluminium. Pin: Galvanised steel, blue passivated (A2K)		Zinc-plated steel, blue passivated with doi head
Description:	Article:	Description:	Article:
EBRA BUIND RIVET 15.6MM HD. 4.8x10 EBRA BUIND RIVET 15.6MM HD. 4.8x17 EBRA BUIND RIVET 15.6MM HD. 4.8x25	091504810 091504817 091504825	ZEBRA FLAT HEAD RIVET NUT M10 ZEBRA FLAT HEAD RIVET NUT M4 ZEBRA FLAT HEAD RIVET NUT M5 ZEBRA FLAT HEAD RIVET NUT M6 ZEBRA FLAT HEAD RIVET NUT M8	09172100 0917240 0917250 0917260 0917280
Rivet nut with small countersunl	k head	Rivet nut with a small countersu	unk head and knurled shank
	Small countersunk head steel zinc plated open		Zinc-plated steel, blue passivated with smo countersunk head and knurled shank
Description:	Article:	Description:	Article:
ZEBRA RIVET NUT COUNTERSUNK HEAD M3	091730 091740	ZEBRA RIVET NUT CSK KNURLED SHANK M6 ZEBRA RIVET NUT CSK KNURLED SHANK M8	0917760 0917780

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## <u>Rivets</u>

Sleeve: Galvanised steel, blue passivated
(A2K), pin: Galvanised steel, blue passivated (A2K)
Article:           6.5X19.3         092165 159           6.5X14.2         092165 95
with soft claws and flat head
Sleeve: Aluminium. Mandrel: Galvanised steel, blue passivated (A2K)
Article: 0937004821
, flat head
Sleeve: Aluminium, pin: A2 stainless steel
: Article:
AT HEAD 3.2X10MM     9500500378       AT HEAD 3.2X12MM     9500500379       AT HEAD 3.2X12MM     9500500380       AT HEAD 4X15MM     9500500381       AT HEAD 4X15MM     9500500382       AT HEAD 4X15MM     9500500383       AT HEAD 4X15MM     9500500383       AT HEAD 4.8X10MM     9500500383
AT HEAD 4.8X15MM         9500500385           AT HEAD 4.8X18MM         9500500386           AT HEAD 4.8X21MM         9500500387           AT HEAD 4.8X24MM         9500500387           AT HEAD 4.8X24MM         9500500388           AT HEAD 4.8X15MM         9500500389           AT HEAD 4.8X15MM         9500500390           AT HEAD 6.4X21MM         9500500390



## <u>Rivets</u>

Blind rivet, flat head		Blind rivet aluminium/steel dome	head closed
	Standard riveting range		Blind sealed rivet dome head aluminium/steel
Description: SPEED NUT M6 YELLOW CHROMATE	Article: 9500000186	Description: ALU SEALED RIVET FLAT HEAD 4.8X10MM ALU SEALED RIVET FLAT HEAD 4.8X15MM ALU SEALED RIVET FLAT HEAD 4.8X18MM ALU SEALED RIVET FLAT HEAD 4.8X21MM	Article: 9500500371 9500500372 9500500373 9500500374
Blind bucket rivet flat head inch		Blind rivet, round pan head	
0	Blind sealed rivet dome head inch, others	••	Sleeve: Stainless steel. Mandrel: Stainless steel
Description: BUIND RIVET 4.8X15MM LARGE HEAD ALU COUNTERSUNK BUIND RIVET 4.0X10MM ALU COUNTERSUNK BUIND RIVET 4.8X12MM	Article: 9500500370 9500500392 9500500393	Description: FUIL S/S RIVET FLAT HEAD 4.8X12MM FUIL S/S RIVET FLAT HEAD 4.8X15MM FUIL S/S RIVET FLAT HEAD 4.8X18MM	Article: 9500500375 9500500376 9500500377
Soft claw blind rivet		Blind rivet with soft claws and flat	
0	Peeled rivet alu./steel zinc plated white		Sleeve: Aluminium. Mandrel: Galvanised steel, blue passivated (A2K)
Description: PEELED RIVET 4.0X15MM WHITE HEAD	Article: 9500500367	Description: PEELED RIVET 4.8X24MM	Article: 9500500368
FEELD KIVET 4.0X I JMM WHILE HEAD	20000030/	PEELED RIVET 4.8X24MM PEELED RIVET 4.8X30MM	9500500368 9500500369



## Screws wood appliances

ASSY®plus 4 A2 CSMR univers	al screw	ASSY@plus	
	Universal partial thread screw made of high quality austenitic A2 stainless steel countersunk head with milling pockets. Suitable for or gap-free fastening close to edges without pre-drilling of wood-wood connections in outdoor areas constantly exposed to weathering.	<b>0</b>	Special A2 stainless steel countersunk milling pocket AW PT
Description: ASSY PLUS 4 A2 CSMR UNIV SCREW 4X40 ASSY PLUS 4 CSMR UNIV SCREW 4X45/26 ASSY PLUS 4 CSMR UNIV SCREW 4X50/26	Article: 016634040 016634045 016634050	Description: ASSY PLUS WOOD SCREW PIAS A2 4X50 ASSY PLUS WOOD SCREW PIAS A2 5X70	Article: 0166914550 0166915070
ASSY® 3.0 zinc-plated blue chi	pboard screw	ASSY® 3.0 zinc-plated yellow c	hipboard screw
0	For universal use in furniture construction, shopfitting, interior fitting, roofing and carpentry applications		For universal use in furniture construction, interior fittings and carpentry.
Description: ASSY WOOD SCREW FULL THREAD Y 3.5X50	Article: 017014030	Description: ASY WOOD SCREW WITH SHAFT 3X20/12 ASSY WOOD SCREW WITH SHAFT 3X25/17 ASSY WOOD SCREW WITH SHAFT 3X25/17 ASSY YEUDW CHIPBOARD SCREW 40X20 ASSY WOOD SCREW WITH SHAFT 4,5X40/26 ASSY WOOD SCREW WITH SHAFT 5X100/52 ASSY WOOD SCREW WITH SHAFT 5X50/30 ASSY WOOD SCREW WITH SHAFT 5X50/47 ASSY WOOD SCREW WITH SHAFT 5X100/60 ASSY WOOD SCREW WITH SHAFT 6X100/60 ASSY WOOD SCREW WITH SHAFT 6X100/60	Article: 017033020 017033025 017034525 017034020 017034540 0170350100 017035050 017035090 0170360100 0170360120
ASSY® 3.0 zinc-plated yellow c	hipboard screw	ASSY®plus 4 CSMP universal so	crew
	For universal use in furniture construction, shopfitting, fitting attachments and interior fittings.		Universal partial thread with countersunk head with milling pockets. Suitable for gap- free attachment close to edges without pre- drilling of wood-wood connections in indoor dry or sheltered areas.

Description:	Article:	Description:	Article:
ASSY WOOD SCREW FULL THREAD Y 4.5x30	017024530	ASSY PLUS 4 CSMP UNIV SCREW 4X35/18	017811435
		ASSY PLUS 4 CS STEEL ZINC PT 4X40/ R	017811440
		ASSY PLUS 4 CS STEEL ZINC PT 4X45/ R	017811445
		ASSY PLUS 4 CS STEEL ZINC PT 4X50/ R	017811450
		ASSY PLUS 4 CS STEEL ZINC PT 4,5X60/	0178114560
		ASSY PLUS 4 CS STEEL ZINC PT 4X60/ R	017811460
		ASSY PLUS 4 CS STEEL ZINC PT 4X70/ R	017811470



## Screws wood appliances

Steel zinc plated yellow full thread cs head Z		WÜPOFAST® zinc-plated yellow chipboard screw	
	Steel zinc plated yellow full thread cs head Z		Take the use of new materials into account
Description:	Article:	Description:	Article:
CSK POZI CHIPBOARD SCREW YELLOW 3X12	018693 12	WUPOFAST YELLOW WOOD SCREW 3.5X40	018613540
CSK POZI CHIPBOARD SCREW YELLOW 3X12	018693 12 018693 16	WUFUFASI TELLOW WOUD SCREW 3.3X40	010013340
CSK POZI CHIPBOARD SCREW YELLOW 3X10	018693 20		
SK POZI CHIPB SCREW YELLOW 3.5X16	018693516		
SK POZI CHIPB SCREW YELLOW 3.5X20	018693520		
CSK POZI CHIPB SCREW YELLOW 3.5X25	018693525		
SK POZI CHIPB SCREW YELLOW 3.5X30	018693530		
SK POZI CHIPB SCREW YELLOW 3.5X40	018693540		
CSK POZI CHIPB SCREW YELLOW 3.5X50	018693550		
CSK POZI CHIPBOARD SCREW YELLOW 4X16	018694 16		
CSK POZI CHIPBOARD SCREW YELLOW 4X20	018694 20		
CSK POZI CHIPBOARD SCREW YELLOW 4X25	018694 25		
SK POZI CHIPBOARD SCREW YELLOW 4X30	018694 30		
CSK POZI CHIPBOARD SCREW YELLOW 4X35	018694 35		
SK POZI CHIPBOARD SCREW YELLOW 4X40	018694 40		
CSK POZI CHIPBOARD SCREW YELLOW 4X45	018694 45		
SK POZI CHIPBOARD SCREW YELLOW 4X50	018694 50		
SK POZI CHIPBOARD SCREW YELLOW 4X60	018694 60		
SK POZI CHIPBOARD SCREW YELLOW 4X70	018694 70		
SK POZI CHIPB SCREW YELLOW 5X100	018695 100		
SK POZI CHIPBOARD SCREW YELLOW 5X25	018695 25		
SK POZI CHIPBOARD SCREW YELLOW 5X30	018695 30		
SK POZI CHIPBOARD SCREW YELLOW 5X35	018695 35		
SK POZI CHIPBOARD SCREW YELLOW 5X40	018695 40		
SK POZI CHIPBOARD SCREW YELLOW 5X45	018695 45		
SK POZI CHIPBOARD SCREW YELLOW 5X50	018695 50		
SK POZI CHIPBOARD SCREW YELLOW 5X60	018695 60		
CSK POZI CHIPBOARD SCREW YELLOW 5X70	018695 70		
CSK POZI CHIPBOARD SCREW YELLOW 5X75	018695 75		

#### ASSY® 4 A2 CS universal screw

Partial-thread screw made of high-quality austenitic A2 stainless steel with countersunk head for universal wood-wood fastening in outdoor areas exposed to the elements

## 

#### Description:

ASSY 4 A2 CS UNIVERSAL SCREW 5X40/25 ASSY 4 A2 CS UNIVERSAL SCREW 5X50/32 ASSY 4 A2 CS UNIVERSAL SCREW 5X60/42 ASSY 4 A2 CS UNIVERSAL SCREW 5X70/42 ASSY 4 A2 CS UNIVERSAL SCREW 5X80/52

#### ASSY® 3.0 zinc-plated blue chipboard screw



For universal use in furniture construction, shopfitting, interior fitting, roofing and carpentry applications

Description: SCR-CSMP-WO-RW20-(A3K)-5X50/30

Article: 019015050



### Screws wood appliances

#### ASSY® 4 CS fittings screw



Full-thread screw with countersunk head for fastening fittings or cabinet connectors in wood or wooden panels in indoor dry or sheltered areas

#### ASSY® 4 CSMP universal screw



Universal partial-thread screw for fast, gapfree fastening of wood-wood connections in furniture construction, interior fitting or wood construction in indoor dry or sheltered areas

Description:	Article:
ASSY 4 CS FITTINGS SCREW ZINC 3X16	019003016
ASSY 4 CS FITTINGS SCREW ZINC 3X20	019003020
ASSY 4 CSMP STEEL ZINNC FT 3,5X16/RW	019003516
ASSY 4 CS STEEL ZINC FT 3.5X20/16	019003520
ASSY 4 CSMP STEEL ZINNC FT 3,5X30/RW	019003530
ASSY 4 CSMP STEEL ZINNC FT 3,5X40/RW	019003540
SCR-CS-WO-RW20-(A2K)-3,5X50/45	019003550
ASSY 4 CSMP STEEL ZINNC FT 4X16/RW20	019004016
ASSY 4 CSMP STEEL ZINNC FT 4X20/RW20	019004020
ASSY 4 CSMP STEEL ZINNC FT 4X30/RW20	019004030
ASSY 4 CSMP STEEL ZINNC FT 4X40/RW20	019004040
ASSY 4 CSMP STEEL ZINNC FT 4X50/RW20	019004050
ASSY 4 CSMP STEEL ZINNC FT 4,5X50/RW	019004550
ASSY 4 CSMP STEEL ZINNC FT 4,5X60/RW	019004560

#### Article: Description: ASSY 4 CSMP SCREW ZINC PT 3.5X20/12 ASSY 4 CSMP STEEL ZINNC PT 3,5X25/RW 019013520 019013525 ASSY 4 CSMP SCREW ZINC PT 3.5X30/RW 019013530 ASSY 4 CSMP SCREW 7INC PT 3.5X35/21 019013535 ASSY 4 CSMP STEEL ZINNC PT 3,5X40/RW 019013540 ASSY 4 CSMP SCREW ZINC PT 3.5X45/30 019013545 ASSY 4 CSMP STEEL ZINNC PT 3,5X50/RW 019013550 019014020 019014025 ASSY 4 CSMP STEEL ZINNC PT 4X20/RW20 ASSY 4 CSMP STEEL ZINNC PT 4X25/RW20 ASSY 4 CSMP STEEL ZINNC PT 4X30/RW20 019014030 ASSY 4 CSMP STEEL ZINNC PT 4X35/RW20 019014035 ASSY 4 CSMP STEEL ZINNC PT 4X40/RW20 019014040 ASSY 4 CSMP SCREW 7INC PT 4X45/29 019014045 ASSY 4 CSMP STEEL ZINNC PT 4X50/RW20 019014050 ASSY 4 CSMP STEEL ZINNC PT 4X60/RW20 ASSY 4 CSMP STEEL ZINNC PT 4X70/RW20 019014060 019014070 ASSY 4 CSMP STEEL ZINC PT 4,5X50/ RW 019014550 ASSY 4 CSMP STEEL ZINNC PT 4.5X60/RW 019014560 ASSY 4 CSMP SCREW ZINC PT 4.5X70/38 019014570 SCR-CSMP-WO-RW20-(A3K)-5X60/37 019015060 ASSY 4 CSMP STEEL ZINC PT 5x70 RW20 019015070 ASSY 4 CSMP STEEL ZINC PT 5x80 RW 019015080 019015090 ASSY 4 CSMP STEEL ZINC PT 5X90/47 RW ASSY 4 CSMP STEEL ZINNC PT 6X100/RW4 0190160100 ASSY 4 CSMP STEEL ZINNC PT 6X120/RW4 0190160120 SCR-CSMP-WO-RW40-(A3K)-6X150/70 0190160150

Wood screw Wood screw DIN 571 steel zinc plated DIN 571 plain A2 stainless steel ALL STATES STATES **Description:** Article: Article: **Description:** ST SCREW 8.X50 -A2 01928 50 COACH SCREW A2 M10X50 019310 50 ST SCREW 8.X60 -A2 01928 60 COACH SCREW A2 M10X60 019310 60 COACH SCREW A2 M6X40 01936 40 COACH SCREW A2 M6X50 01936 50 COACH SCREW A2 M8X100 01938 100 COACH SCREW A2 M8X90 01938 90 WÜPOFAST® zinc-plated blue chipboard screw WÜPOFAST® zinc-plated blue chipboard screw Steel, blue galvanised, full thread, Steel, blue galvanised, partial thread, countersunk head, PZ recessed head. countersunk head, PZ recessed head. Article: Article: **Description: Description:** SCR-CS-WO-Z2-(A2K)-3,5X13/9 019835 13 WUPOFAST WOODSCREW SHAFT 6X100/60 019816 100 SCR-CS-WO-Z2-(A2K)-3,5X20/16 019835 20 SCR-CS-WO-Z2-(A2K)-3,5X30/26 019835 30 SCR-CS-WO-Z2-(A2K)-4X40/35 01984 40

## Screws wood appliances

#### Jamo 4 CS screw for adjustable distance mounting

Screw for making adjustments to the mounting distance of wooden substructures on wooden, stone or concrete surfaces



Description: JAMO 4 CS WOOD/CONCRETE 6X50MM/23



023456450





Sealing elements

0	DIN 7603 copper shape A	Ο	DIN 7603 copper shape A, H 2 mm
Description:	Article:	Description:	Article:
COPPER WASHER FORM A 10X12	046010 12	COPPER WASHER FORM A 14X24X2	046014 242
OPPER WASHER FORM A 10X12	046010 12		5-001# 2#2
COPPER WASHER FORM A 10X16	046010 16		
COPPER WASHER FORM A 10X18	046010 18		
COPPER WASHER FORM A 12X16	046012 16		
COPPER WASHER FORM A 12X18	046012 18		
COPPER WASHER FORM A 13X18	046013 18		
COPPER WASHER FORM A 14X18	046014 18		
COPPER WASHER FORM A 14X20	046014 20		
COPPER WASHER FORM A 14X22	046014 22		
COPPER WASHER FORM A 15X20	046015 20		
COPPER WASHER FORM A 16X20	046016 20		
COPPER WASHER FORM A 16X22	046016 22		
COPPER WASHER FORM A 16X24	046016 24		
COPPER WASHER FORM A 17X21 COPPER WASHER FORM A 17X23	046017 21 046017 23		
COPPER WASHER FORM A 17X23	046017 23 046018 22		
COPPER WASHER FORM A 18X22	046018 22 046018 24		
COPPER WASHER FORM A 20X26	046020 26		
COPPER WASHER FORM A 21X26	046021 26		
COPPER WASHER FORM A 21X28	046021 28		
COPPER WASHER FORM A 22X27	046022 27		
COPPER WASHER FORM A 22X29	046022 29		
COPPER WASHER FORM A 24X30	046024 30		
COPPER WASHER FORM A 26X32	046026 32		
COPPER WASHER FORM A 26X34	046026 34		
COPPER WASHER FORM A 28X34	046028 34		
COPPER WASHER FORM A 30X36	046030 36		
COPPER WASHER FORM A 30X38	046030 38		
COPPER WASHER FORM A 32X38	046032 38 046033 39		
COPPER WASHER FORM A 33X39 COPPER WASHER FORM A 4X8	04603 39		
COPPER WASHER FORM A 42X49	046042 49		
COPPER WASHER FORM A 45X52	046045 52		
COPPER WASHER FORM A 5X9	04605 9		
COPPER WASHER FORM A 6X10	04606 10		
COPPER WASHER FORM A 6X12	04606 12		
COPPER WASHER FORM A 8X12	04608 12		
COPPER WASHER FORM A 8X14	04608 14		

$\bigcirc$	DIN 7603 aluminium, shape A	$\bigcirc$	DIN 7603 vulcanised fibre shape A
Description:	Article:	Description:	Article:
•	046310 14		046510 14
ALUMINIUM WASHER FORM A 10X14 ALUMINIUM WASHER FORM A 10X16	046310 14 046310 16	FIBRE WASHER FORM A 10X14 FIBRE WASHER FORM A 10X16	04651014
ALUMINIUM WASHER FORM A 10X18 ALUMINIUM WASHER FORM A 12X16	046310 16	FIBRE WASHER FORM A 10X16	046512 16
ALUMINIUM WASHER FORM A 12X18	046312 18	FIBRE WASHER FORM A 12X18	046512 18
ALUMINIUM WASHER FORM A 12X18 ALUMINIUM WASHER FORM A 12X19	046312 19	FIBRE WASHER FORM A 12.2X19	046512219
ALUMINIUM WASHER FORM A 12X17	046312 17	FIBRE WASHER FORM A 14X18	046514 18
ALUMINIUM WASHER FORM A 14X20	046314 20	FIBRE WASHER FORM A 14X20	046514 20
ALUMINIUM WASHER FORM A 14X22	046314 22	FIBRE WASHER FORM A 14.2224	046514224
ALUMINIUM WASHER FORM A 16X20	046316 20	FIBRE WASHER FORM A 16/20	046516 20
ALUMINIUM WASHER FORM A 16X22	046316 22	FIBRE WASHER FORM A 16X22	046516 22
ALUMINIUM WASHER FORM A 18X22	046318 22	FIBRE WASHER FORM A 18X24	046518 24
ALUMINIUM WASHER FORM A 18X24	046318 24	FIBRE WASHER FORM A 20X26	046520 26
ALUMINIUM WASHER FORM A 20X26	046320 26	FIBRE WASHER FORM A 22X27	046522 27
ALUMINIUM WASHER FORM A 22X27	046322 27	FIBRE WASHER FORM A 24X30	046524 30
ALUMINIUM WASHER FORM A 24X30	046324 30	FIBRE WASHER FORM A 26X32	046526 32
ALUMINIUM WASHER FORM A 26X32	046326 32	FIBRE WASHER FORM A 30X36	046530 36
ALUMINIUM WASHER FORM A 30X36	046330 36	FIBRE WASHER FORM A 4X8	04654 8
ALUMINIUM WASHER FORM A 45X52	046345 52	FIBRE WASHER FORM A 5X9	04655 9
ALUMINIUM WASHER FORM A 6 X10	04636 10	FIBRE WASHER FORM A 6X10	04656 10
ALUMINIUM WASHER FORM A 6 X12	04636 12	FIBRE WASHER FORM A 8X12	04658 12
ALUMINIUM WASHER FORM A 8 X12	04638 12	FIBRE WASHER FORM A 8X14	04658 14
ALUMINIUM WASHER FORM A 8 X14	04638 14		

## Sealing elements



$\bigcap$	Metric, NBR 70		ISO 3601-1 NBR 70 inch
	Article:		Article:
Description:		Description:	Article:
PERBUN METRIC O-RING 3.0X2.0	046800320	PERBUN O-RING IMPERIAL 10.78X2.62	04681078
PERBUN METRIC O-RING 4.0X2.0	046800420	PERBUN IMPERIAL O-RING 12.37X2.62	04681237
ERBUN METRIC O-RING 5.0X2.0	046800520	PERBUN IMPERIAL O-RING 13.95X2.62	04681395
PERBUN METRIC O-RING 6.0X2.0	046800620	PERBUN IMPERIAL O-RING 15.54X2.62	04681554
ERBUN METRIC O-RING 7.0X2.0	046800720	PERBUN IMPERIAL O-RING 17.13X2.62	04681713
PERBUN METRIC O-RING 8.0X2.0	046800820	PERBUN IMPERIAL O-RING 18.64X3.53	04681864
ERBUN METRIC O-RING 10.0X2.0	046801020	PERBUN IMPERIAL O-RING 18.72X2.62	04681872
PERBUN METRIC O-RING 10.0X2.5	046801025	PERBUN IMPERIAL O-RING 20.22X3.53	04682022
ERBUN METRIC O-RING 12.0X2.0	046801220	PERBUN IMPERIAL O-RING 21.82X3.53	04682182
ERBUN METRIC O-RING 12.0X2.5	046801225	PERBUN IMPERIAL O-RING 23.40X3.53	04682340
PERBUN METRIC O-RING 14.0X2.5	046801425	PERBUN IMPERIAL O-RING 25.00X3.53	04682500
ERBUN METRIC O-RING 15.0X2.5	046801525	PERBUN IMPERIAL O-RING 26.57X3.53	04682657
PERBUN METRIC O-RING 17.0X2.5	046801725	PERBUN IMPERIAL O-RING 28.17X3.53	04682817
ERBUN METRIC O-RING 18.0X3.0	046801830	PERBUN IMPERIAL O-RING 2.90X1.78	0468290
PERBUN METRIC O-RING 19.0X2.5	046801925	PERBUN IMPERIAL O-RING 29.75X3.50	04682975
PERBUN METRIC O-RING 19.0X4.0	046801940	PERBUN IMPERIAL O-RING 31.34X3.53	04683134
PERBUN METRIC O-RING 20.0X3.0	046802030	PERBUN IMPERIAL O-RING 32.93X3.53	04683293
PERBUN METRIC O-RING 22.0X3.0	046802230	PERBUN IMPERIAL O-RING 34.52X3.53	04683452
PERBUN METRIC O-RING 24.0X3.0	046802430	PERBUN IMPERIAL O-RING 36.10X3.53	04683610
	046802530	PERBUN IMPERIAL O-RING 3.69X1.78	0468369
ERBUIN METRIC O-RING 25.0X3.0	046802830	PERBUN IMPERIAL O-RING 37.70X3.53	04683770
PERBUN METRIC O-RING 25.0X3.0 PERBUN METRIC O-RING 28.0X3.0	046803030	PERBUN IMPERIAL O-RING 40.65X5.34	04684065
ERBUN METRIC O-RING 28.0X3.0	040803030		04684382
	046803035	PERBUN IMPERIAL O-RING 43.82X5.34	04064362
PERBUN METRIC O-RING 28.0X3.0 PERBUN METRIC O-RING 30.0X3.0 PERBUN METRIC O-RING 30.0X3.5		PERBUN IMPERIAL O-RING 43.82X5.34 PERBUN IMPERIAL O-RING 4.47X1.78	0468447
ERBUN METRIC O-RING 28.0X3.0 ERBUN METRIC O-RING 30.0X3.0 ERBUN METRIC O-RING 30.0X3.5 ERBUN METRIC O-RING 32.0X3.5	046803035		
ERBUN METRIC O-RING 28.0X3.0 ERBUN METRIC O-RING 30.0X3.0 ERBUN METRIC O-RING 30.0X3.5 ERBUN METRIC O-RING 32.0X3.5 ERBUN METRIC O-RING 33.0X3.5	046803035 046803235	PERBUN IMPERIAL O-RING 4.47X1.78	0468447
ERBUN METRIC O-RING 28.0X3.0 ERBUN METRIC O-RING 30.0X3.0 ERBUN METRIC O-RING 30.0X3.5 ERBUN METRIC O-RING 32.0X3.5 ERBUN METRIC O-RING 33.0X3.5 ERBUN METRIC O-RING 35.0X3.5	046803035 046803235 046803335	PERBUN IMPERIAL O-RING 4.47X1.78 PERBUN IMPERIAL O-RING 5.28X1.78	0468447 0468528
ERBUN METRIC O-RING 28.0X3.0 ERBUN METRIC O-RING 30.0X3.0 ERBUN METRIC O-RING 30.0X3.5 ERBUN METRIC O-RING 32.0X3.5 ERBUN METRIC O-RING 33.0X3.5 ERBUN METRIC O-RING 35.0X3.0	046803035 046803235 046803335 046803535 046803535	PERBUN IMPERIAL O-RING 4.47X1.78 PERBUN IMPERIAL O-RING 5.28X1.78 PERBUN IMPERIAL O-RING 6.07X1.78 PERBUN IMPERIAL O-RING 7.66X1.78	0468447 0468528 0468607 0468766
PERBUN METRIC O-RING 28.0X3.0 PERBUN METRIC O-RING 30.0X3.0	046803035 046803235 046803335 046803335	PERBUN IMPERIAL O-RING 4.47X1.78 PERBUN IMPERIAL O-RING 5.28X1.78 PERBUN IMPERIAL O-RING 6.07X1.78	0468447 0468528 0468607

#### O-rings in mm

PERBUN METRIC O-RING 18.0X2.0MM

**Description:** 

Heat resistance: -35° to +120°C

Article:

046891820

Black NBR70 round cord

For the rapid and simple manufacture of Orings

Description:	Article:
O-RING D=1.6MM LENGTH = 1 METRE	04681116
O-RING D=2.4MM LENGTH = 1 METRE	04681124
O-RING D=3.0MM LENGTH = 1 METRE	04681130
O-RING D=5.7MM LENGTH = 1 METRE	04681157
O-RING D=8.4MM LENGTH = 1 METRE	04681184

## Sealing elements

#### Screw seal, self-centring



Description:	Article:
DOWTY WASHER 10MM	04690010
DOWTY WASHER 12MM	04690012
DOWTY WASHER 14MM	04690014
DOWTY WASHER 16MM	04690016
DOWTY WASHER 18MM	04690018
DOWTY WASHER 20MM	04690020
DOWTY WASHER 22MM	04690022
DOWTY WASHER 24MM	04690024
DOWTY WASHER 6MM	0469006
DOWTY WASHER 8MM	0469008
DOWTY WASHER 6MM	0469990006
DOWTY WASHER 8MM	0469990008
DOWTY WASHER 10MM	0469990010
DOWTY WASHER 12MM	0469990012
DOWTY WASHER 14MM	0469990014
DOWTY WASHER 16MM	0469990016
DOWTY WASHER 18MM	0469990018
DOWTY WASHER 20MM	0469990020

Steel washer with moulded-on rubber sealing

lip



## <u>Fasteners</u>



## Securing elements

Locking disc spring washer, sh	ape M	Serrated lock washer, internally	y serrated, shape J
	A4 stainless steel, type M	A State	DIN 6798 steel zinc-plated shape J
Description: RAISED WASHER A4 M10 RAISED WASHER A4 M12 RAISED WASHER A4 M4 RAISED WASHER A4 M5 RAISED WASHER A4 M6 RAISED WASHER A4 M8	Article: 040410 040412 04044 04045 04046 04048	Description: STAR WASHER INTERNAL ZINC M10 STAR WASHER INTERNAL ZINC M12 STAR WASHER INTERNAL ZINC M5 STAR WASHER INTERNAL ZINC M6 STAR WASHER INTERNAL ZINC M8	Article: 042810 042812 04285 04286 04288
Serrated lock washer, externa	Ily serrated, shape A DIN 6798 steel zinc-plated shape A	Spring lock washer, shape A	DIN 137 steel mech. applied zinc coating shape A
Description: STAR WASHER EXTERNAL ZINC M10 STAR WASHER EXTERNAL ZINC M12 STAR WASHER EXTERNAL ZINC M3 STAR WASHER EXTERNAL ZINC M4 STAR WASHER EXTERNAL ZINC M5 STAR WASHER EXTERNAL ZINC M6 STAR WASHER EXTERNAL ZINC M8	Article: 042910 042912 04293 04294 04295 04295 04296 04298	Description: CURVED WAVY WASHER ZINC M10 CURVED WAVY WASHER ZINC M4 CURVED WAVY WASHER ZINC M5 CURVED WAVY WASHER ZINC M6 CURVED WAVY WASHER ZINC M8	Article: 043410 04344 04345 04346 04346



### Securing elements

#### Spring lock washer, shape B



DIN 137 steel mech. applied zinc coating shape B

Circlip

DIN 471 spring steel phosphated standard version

Article:

043810

043811 043812

043813

#### Description:

BEVELLED WAYY WASHER ZINC M10 BEVELLED WAYY WASHER ZINC M12 BEVELLED WAYY WASHER ZINC M14 BEVELLED WAYY WASHER ZINC M6 BEVELLED WAYY WASHER ZINC M8

Article:
043510
043512
043514
04356
04358

Description:	
CIRCLIP EXTERNAL SEEGER BLACK 10X1	
CIRCLIP EXTERNAL SEEGER BLACK 11X1	
CIRCLIP EXTERNAL SEEGER BLACK 12X1	
CIRCLIP EXTERNAL SEEGER BLACK 13X1	
CIRCLIP EXTERNAL SEEGER BLACK 14X1	
CIRCLIP EXTERNAL SEEGER BLACK 15X1	
CIRCLIP EXTERNAL SEEGER BLACK 16X1	
CIRCLIP EXTERNAL SEEGER BLACK 17X1	
CIRCLIP EXTERNAL SEEGER BLACK 18X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 19X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 20X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 22X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 24X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 25X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 26X1.2	
CIRCLIP EXTERNAL SEEGER BLACK 28X1.5	
CIRCLIP EXTERNAL SEEGER BLACK 30X1.5	
CIRCLIP EXTERNAL SEEGER BLACK 32X1.5	
CIRCLIP EXT SEEGER BLACK 35X1.75	
CIRCLIP EXTERNAL SEEGER BLACK 35X1.5	
CIRCLIP EXT SEEGER BLACK 36X1.75	
CIRCLIP EXT SEEGER BLACK 38X1.75	
CIRCLIP EXTERNAL BLACK SEEGER 4X0.4	
CIRCLIP EXT SEEGER BLACK 40X1.75	
CIRCLIP EXT SEEGER BLACK 45X1.75	
CIRCLIP EXTERNAL SEEGER BLACK 5X0.6	
CIRCLIP EXTERNAL SEEGER BLACK 50X2 CIRCLIP EXTERNAL SEEGER BLACK 55X2	
CIRCUP EXTERNAL SEEGER BLACK 55X2 CIRCUP EXTERNAL SEEGER BLACK 6X0.7	
CIRCLIP EXTERNAL SEEGER BLACK 6X0.7 CIRCLIP EXTERNAL SEEGER BLACK 60X2	
CIRCUP EXTERNAL SEEGER BLACK 60X2	
CIRCLIP EXTERNAL SEEGER BLACK 65X2.5 CIRCLIP EXTERNAL SEEGER BLACK 7X0.8	
CIRCUP EXTERNAL SEEGER BLACK 7X0.8	
CIRCUP EXTERNAL SEEGER BLACK 9X1.0	
CINCUL EXTERINAL SELOEN DEACH 7AT.V	

#### Circlip for bore hole, standard version, shape J



DIN 472 spring steel, phosphated and oiled, type J

Article:

043910

043911

043912

043913

043914

043915

043916

043917

043918

043919

043920

043922

043924

043925

043926

043928

043930

043940

043947

043958

043962

04398

04399

#### Description:

CIRCLIP INTERNAL SEEGER BLACK 10X1 CIRCLIP INTERNAL SEEGER BLACK 11X1 CIRCLIP INTERNAL SEEGER BLACK 12X1 CIRCLIP INTERNAL SEEGER BLACK 13X1 CIRCLIP INTERNAL SEEGER BLACK 14X1 CIRCLIP INTERNAL SEEGER BLACK 15X1 CIRCLIP INTERNAL SEEGER BLACK 16X1 CIRCLIP INTERNAL SEEGER BLACK 17X1 CIRCLIP INTERNAL SEEGER BLACK 18X1 CIRCLIP INTERNAL SEEGER BLACK 19X1 CIRCLIP INTERNAL SEEGER BLACK 20X1 CIRCUP INTERNAL SEEGER BLACK 22X1 CIRCLIP INTERNAL SEEGER BLACK 24X1.2 CIRCLIP INTERNAL SEEGER BLACK 25X1.2 CIRCLIP INTERNAL SEEGER BLACK 26X1.2 CIRCLIP INTERNAL SEEGER BLACK 28X1.2 CIRCLIP INTERNAL SEEGER BLACK 30X1.2 CIRCLIP INT SEEGER BLACK 40X1.75 CIRCLIP INT SEEGER BLACK 47X1.75 CIRCLIP INTERNAL SEEGER BLACK 58X2 CIRCUP INTERNAL SEEGER BLACK 62X2.0 CIRCLIP INTERNAL SEEGER BLACK 8X0.6 CIRCLIP INTERNAL SEEGER BLACK 9X0.6

### Lock washer



DIN 127 steel mech. applied zinc coating shape B

#### **Description:**

SPRING WASHER HEAVY DUTY M10 SPRING WASHER HEAVY DUTY M12 SPRING WASHER HEAVY DUTY M14 SPRING WASHER HEAVY DUTY M16 SPRING WASHER HEAVY DUTY M20 SPRING WASHER HEAVY DUTY M3 SPRING WASHER HEAVY DUTY M4 SPRING WASHER HEAVY DUTY M5 SPRING WASHER HEAVY DUTY M5 SPRING WASHER HEAVY DUTY M7 SPRING WASHER HEAVY DUTY M7

#### Article: 044110 044112 044114 044116 044118 044120 04413 04414 04415



## Securing elements

<u></u>			
Lock washer, inch		Lock washer	
	DIN 127 steel mech. app. zn coating shape B inch		DIN 127 steel mech. applied zinc coating shape B
Description: SPRING WASHER HEAVY DUTY 1/2" SPRING WASHER HEAVY DUTY 1/4" SPRING WASHER HEAVY DUTY 3/8" SPRING WASHER HEAVY DUTY 5/16" SPRING WASHER HEAVY DUTY 5/8" SPRING WASHER HEAVY DUTY 7/16"	Article: 044212 044214 044238 0442516 044258 0442716	Description: SPRING WASHER HEAVY DUTY 9/16*	Article: 0442916
Split pin		Lock washer	
	DIN 94 steel zinc plated		DIN 6799 phosphated steel
Description: SPUT PIN ZING PLATED STEEL 10X90	Article: 047010 90	Description: CIRCUP ESHAPE 10MM CIRCUP ESHAPE 12MM CIRCUP ESHAPE 12MM CIRCUP ESHAPE 15MM CIRCUP ESHAPE 15MM CIRCUP ESHAPE 15MM CIRCUP ESHAPE 15MM CIRCUP ESHAPE 2.3MM CIRCUP ESHAPE 2.3MM CIRCUP ESHAPE 2.3MM CIRCUP ESHAPE 2.0MM CIRCUP ESHAPE 6.0MM CIRCUP ESHAPE 6.0MM CIRCUP ESHAPE 6.0MM CIRCUP ESHAPE 9.0MM	Article: 0490100 049012 0490120 0490150 0490150 0490190 049023 049032 049032 049040 049050 049060 049060 049060 049090
Lock washer S		Split pin	
	Plain spring steel type S	6	DIN 94 steel zinc plated
Description: SCHNORR WASHER BLACK M10 SCHNORR WASHER BLACK M12 SCHNORR WASHER BLACK M6 SCHNORR WASHER BLACK M8	Article: 049310 049312 04936 04938	Description: SPLTPIN4ISO1234(A2K)-10X90	Article: 511711090



## Securing elements

Split pin		Split pin	
	ISO 1234 A2 stainless steel, plain		ISO/WN 1234 zinc plated steel
Description: SRIIT PIN A2 M1.6X32 SRIIT PIN A2 M2.5X32 SRIIT PIN A2 M2.5X32	Article: 51172232 511722532	Description:           SPUT PIN STEEL M1X16           SPUT PIN STEEL M1X25           SPUT PIN STEEL M2X16           SPUT PIN STEEL M2X25           SPUT PIN STEEL M2X22           SPUT PIN STEEL M2X22           SPUT PIN STEEL M2X23           SPUT PIN STEEL M2X20           SPUT PIN STEEL M2X20           SPUT PIN STEEL M2X20           SPUT PIN STEEL M4X32           SPUT PIN STEEL M4X33           SPUT PIN STEEL M4X40           SPUT PIN STEEL M4X50           SPUT PIN STEEL M5X45           SPUT PIN STEEL M5X40           SPUT PIN STEEL M5X45           SPUT PIN STEEL M5X45           SPUT PIN STEEL M5X50           SPUT PIN STEEL M1 6X22 <td>Article:           \$11710116           \$11710125           \$11710125           \$11710225           \$11710225           \$11710225           \$11710226           \$11710227           \$11710227           \$11710228           \$11710229           \$11710432           \$11710432           \$11710433           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710545           \$11710556           \$11710563           \$11710570           \$11710580           \$117108100           \$117108100           \$11710810           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171182           \$1171280</td>	Article:           \$11710116           \$11710125           \$11710125           \$11710225           \$11710225           \$11710225           \$11710226           \$11710227           \$11710227           \$11710228           \$11710229           \$11710432           \$11710432           \$11710433           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710430           \$11710545           \$11710556           \$11710563           \$11710570           \$11710580           \$117108100           \$117108100           \$11710810           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171080           \$1171182           \$1171280

## <u>Fasteners</u>





Wire nail		Staples	
<u></u>	DIN 1151 steel plain	0	For universal use for all appropriate staplers
Description: WIRE NAIL 1.4X25 1KG WIRE NAIL 2.0X40 2.5KG WIRE NAIL 2.2x50 2.5KG WIRE NAIL 2.8X70 2.5KG WIRE NAIL 2.8X70 2.5KG WIRE NAIL 3.1X80 5KG WIRE NAIL 3.4X90 5KG WIRE NAIL 5.5X160 5KG	Article: 047851425 047852040 047852250 047852870 047853180 047853180 047855160	Description: STAPLES FOR HT34 STAPLER-10MM (5000) STAPLES FOR HT34 STAPLER-14MM (5000)	Article: 0480140010 0480140014
Staples	Plain steel		
0			
Description: STAPLES FOR HT53 STAPLER-6MM (5000) STAPLES FOR HT53 STAPLER-8MM (5000) STAPLES FOR HT53 STAPLER-10MM (5000)	Article: 0480153006 0480153008 0480153010		

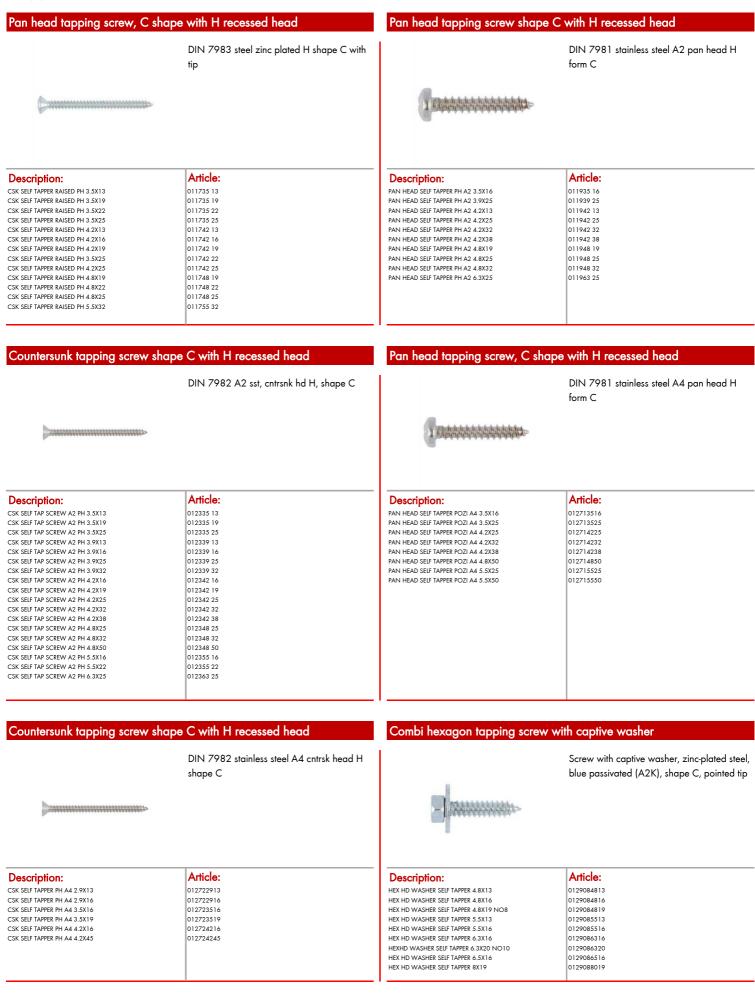
## <u>Fasteners</u>

## 븢 WüRTH

## Tapping, thread rolling, drilling screws

Raised countersunk tapping sc	rew, shape C with AVV drive	Hexagon tapping screw	
	WN 112 steel zinc plated counters. head AW shape C		DIN 7976 steel zinc plated shape C with ti
Description:	Article:	Description:	Article:
Description: RAISED CSK SELF TAPPER SCREW 4.2X19	O11254219	Description: HEX SELF TAPPER SCREW ZINC 3.9X19 HEX SELF TAPPER SCREW ZINC 4.2X13 HEX SELF TAPPER SCREW ZINC 4.2X19 HEX SELF TAPPER SCREW ZINC 4.2X22 HEX SELF TAPPER SCREW ZINC 4.8X10 HEX SELF TAPPER SCREW ZINC 4.8X19 HEX SELF TAPPER SCREW ZINC 4.8X25 HEX SELF TAPPER SCREW ZINC 4.8X25 HEX SELF TAPPER SCREW ZINC 5.5X19 HEX SELF TAPPER SCREW ZINC 5.3X16 HEX SELF TAPPER SCREW ZINC 6.3X16 HEX SELF TAPPER SCREW ZINC 6.3X22 HEX SELF TAPPER SCREW ZINC 6.3X20 HEX SELF TAPPER SCREW ZINC 6.3X20 HE	Princip:         011439 19         011442 13         011442 19         011442 22         011448 19         011448 25         011448 25         011455 19         011453 16         011463 12         011463 22         011463 22         011463 32         011463 32         011463 32         011463 35         011463 25         011463 25         011463 25         011463 26         011463 27         011463 26         011463 27         011463 26         011463 27         011463 26         011463 27         011463 26         011463 27         01148 25
Pan head tapping screw, C sh	ape with H recessed head	Countersunk tapping screw sho	ape C with H recessed head
	DIN 7981 steel zinc plated pan head H shape C		DIN 7982 steel zinc ptd. counters. head H shape C
Description:	Article:	Description:	Article:
AN HEAD SELF TAPPER PH ZINC 2.9X25	011529 25	COUNTERSUNK SELF TAPPER PH 3.5X13	011635 13
PAN HEAD SELF TAPPER PH ZINC 2.9X9.5	011529 95	COUNTERSUNK SELF TAPPER PH 3.5X16	011635 16
PAN HEAD SELF TAPPER PH ZINC 3.5X13 PAN HEAD SELF TAPPER PH ZINC 3.5X16	011535 13 011535 16	COUNTERSUNK SELF TAPPER PH 3.5X19 COUNTERSUNK SELF TAPPER PH 3.5X25	011635 19 011635 25
PAN HEAD SELF TAPPER PH ZINC 3.5X19	011535 19	COUNTERSUNK SELF TAPPER PH 3.9X16	011639 16
AN HEAD SELF TAPPER PH ZINC 3.5X22	011535 22	COUNTERSUNK SELF TAPPER PH 3.9X19	011639 19
PAN HEAD SELF TAPPER PH ZINC 3.5X25 PAN HEAD SELF TAPPER PH ZINC 3.5X32	011535 25 011535 32	COUNTERSUNK SELF TAPPER PH 3.9X22 COUNTERSUNK SELF TAPPER PH 3.9X25	011639 22 011639 25
PAN HEAD SELF TAPPER PH ZINC 3.5X9.5	011535 95	COUNTERSUNK SELF TAPPER PH 3.9X32	011639 32
PAN HEAD SELF TAPPER PH ZINC 3.9X13	011539 13	COUNTERSUNK SELF TAPPER PH 3.9X38	011639 38
PAN HEAD SELF TAPPER PH ZINC 3.9X19 PAN HEAD SELF TAPPER PH ZINC 3.9X25	011539 19 011539 25	COUNTERSUNK SELF TAPPER PH 4.2X16 COUNTERSUNK SELF TAPPER PH 4.2X25	011642 16 011642 25
PAN HEAD SELF TAPPER PH ZINC 4.2X13	011542 13	COUNTERSUNK SELF TAPPER PH 4.2X32	011642 32
AN HEAD SELF TAPPER PH ZINC 4.2X16 AN HEAD SELF TAPPER PH ZINC 4.2X19	011542 16 011542 19	COUNTERSUNK SELF TAPPER PH 4.2X38 COUNTERSUNK SELF TAPPER PH 4.8X16	011642 38 011648 16
PAN HEAD SELF TAPPER PH ZINC 4.2X17	011542 22	COUNTERSUNK SELF TAPPER PH 4.8X25	011648 25
AN HEAD SELF TAPPER PH ZINC 4.2X25	011542 25	COUNTERSUNK SELF TAPPER PH 4.8X32	011648 32
PAN HEAD SELF TAPPER PH ZINC 4.2X38 PAN HEAD SELF TAPPER PH ZINC 4.2X50	011542 38 011542 50	COUNTERSUNK SELF TAPPER PH 4.8X50 COUNTERSUNK SELF TAPPER PH 5.5X16	011648 50 011655 16
PAN HEAD SELF TAPPER PH ZINC 4.2X70	011542 70	COUNTERSUNK SELF TAPPER PH 6.3X25	011663 25
PAN HEAD SELF TAPPER PH ZINC 4.2X9.5	011542 95		
AN HEAD SELF TAPPER PH ZINC 4.8X13 AN HEAD SELF TAPPER PH ZINC 4.8X16	011548 13 011548 16		
AN HEAD SELF TAPPER PH ZINC 4.8X19	011548 19		
AN HEAD SELF TAPPER PH ZINC 4.8X22	011548 22 011548 25		
AN HEAD SELF TAPPER PH ZINC 4.8X25 AN HEAD SELF TAPPER PH ZINC 4.8X32	011548 25 011548 32		
AN HEAD SELF TAPPER PH ZINC 4.8X38	011548 38		
PAN HEAD SELF TAPPER PH ZINC 4.8X50 PAN HEAD SELF TAPPER PH ZINC 4.8X60	011548 50 011548 60		
AN HEAD SELF TAPPER PH ZINC 4.8860 PAN HEAD SELF TAPPER PH ZINC 5.5X16	011555 16		
PAN HEAD SELF TAPPER PH ZINC 5.5X19	011555 19		
PAN HEAD SELF TAPPER PH ZINC 5.5X22 PAN HEAD SELF TAPPER PH ZINC 5.5X25	011555 22 011555 25		
PAN HEAD SELF TAPPER PH ZINC 5.5X25 PAN HEAD SELF TAPPER PH ZINC 5.5X32	011555 32		
PAN HEAD SELF TAPPER PH ZINC 5.5X38	011555 38		
PAN HEAD SELF TAPPER PH ZINC 5.5X50 PAN HEAD SELF TAPPER PH ZINC 6.3X16	011555 50 011563 16		
AN HEAD SELF TAPPER PH ZINC 6.3X16 PAN HEAD SELF TAPPER PH ZINC 6.3X19	011563 16 011563 19		
PAN HEAD SELF TAPPER PH ZINC 6.3X22	011563 22		
PAN HEAD SELF TAPPER PH ZINC 6.3X25 PAN HEAD SELF TAPPER PH ZINC 6.3X32	011563 25 011563 32		

### Tapping, thread rolling, drilling screws



WURTH

## Tapping, thread rolling, drilling screws

an head tapping screw with			shape with H recessed head
	Steel, black Delta Seal, PH drive		DIN 7981 steel zinc ptd. black pan head shape C
<b>Annennen en en</b>		Cananananan	
Description:	Article:	Description:	Article:
LF TAPPER WASHER FACE PH 3.9X13	013403913	BLACK SELF TAPPER PH 2.9X13	013429 13
LF TAPPER WASHER FACE PH 3.9X16 LF TAPPER WASHER FACE PH 3.9X19	013403916 013403919	BLACK SELF TAPPER PH 2.9X9.5 BLACK SELF TAPPER PH 3.5X13	013429 95 013435 13
F TAPPER WASHER FACE PH 3.9X22	013403922	BLACK SELF TAPPER PH 3.5X16	013435 16
LF TAPPER WASHER FACE PH 3.9X25	013403925	BLACK SELF TAPPER PH 3.5X19	013435 19
LF TAPPER WASHER FACE PH 4.2X13	013404213	BLACK SELF TAPPER PH 3.5X22	013435 22
IF TAPPER WASHER FACE PH 4.2X16 IF TAPPER WASHER FACE PH 4.2X19	013404216 013404219	BLACK SELF TAPPER PH 3.5X9.5 BLACK SELF TAPPER PH 3.9X13	013435 95 013439 13
IF TAPPER WASHER FACE PH 4.2X19 IF TAPPER WASHER FACE PH 4.2X22	013404219	BLACK SELF TAPPER PH 3.9X13 BLACK SELF TAPPER PH 3.9X16	013439 13
IF TAPPER WASHER FACE PH 4.2X25	013404225	BLACK SELF TAPPER PH 3.9X19	013439 19
IF TAPPER WASHER FACE PH 4.2X9.5	013404295	BLACK SELF TAPPER PH 3.9X22	013439 22
F TAPPER WASHER FACE PH 4.8X13 F TAPPER WASHER FACE PH 4.8X16	013404813 013404816	BLACK SELF TAPPER PH 4.2X13 BLACK SELF TAPPER PH 4.2X16	013442 13 013442 16
F TAPPER WASHER FACE PH 4.8X19	013404819	BLACK SELF TAPPER PH 4.2X19	013442 19
F TAPPER WASHER FACE PH 4.8X22	013404822	BLACK SELF TAPPER PH 4.2X22	013442 22
F TAPPER WASHER FACE PH 4.8X25	013404825	BLACK SELF TAPPER PH 4.2X25	013442 25
		BLACK SELF TAPPER PH 4.2X32	013442 32
		BLACK SELF TAPPER PH 4.2X38 BLACK SELF TAPPER PH 4.2X9.5	013442 38 013442 95
		BLACK SELF TAPPER PH 4.8X16	013448 16
		BLACK SELF TAPPER PH 4.8X19	013448 19
		BLACK SELF TAPPER PH 4.8X22	013448 22
		BLACK SELF TAPPER PH 4.8722 BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25	013448 22 013455 16 013455 25
		BLACK SELF TAPPER PH 5.5X16	013455 16
aised contersunk head tapp	ping screw, C shape with H recessed	BLACK SELF TAPPER PH 5.5X16	013455 16 013455 25
aised contersunk head tapp	DIN 7983 steel zinc plated black H shap	BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25 <b>pias® drilling screw, flat hea</b>	013455 16 013455 25 ad with AW drive Steel case-hardened, galvanized blue
aised contersunk head tapp		BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25 <b>pias® drilling screw, flat hea</b>	013455 16 013455 25 ad with AW drive
aised contersunk head tapp	DIN 7983 steel zinc plated black H shap	BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25 <b>pias® drilling screw, flat hea</b>	o13455 16 o13455 25 ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
•	DIN 7983 steel zinc plated black H shap	BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25 pias® drilling screw, flat hea	o13455 16 o13455 25 ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
	DIN 7983 steel zinc plated black H shap	BLACK SELF TAPPER PH 5.5X16 BLACK SELF TAPPER PH 5.5X25 pias® drilling screw, flat hea	o13455 16 o13455 25 ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
escription:	DIN 7983 steel zinc plated black H shap C w. tip Article:	e           Description:	<ul> <li>ad with AW drive</li> <li>Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm</li> <li>Article: 020642 13</li> </ul>
CSK SELF TAPPER RAISED PH 3.5X13     CSK SELF TAPPER RAISED PH 3.5X16	DIN 7983 steel zinc plated black H shap C w. tip Article: 013735 13 013735 13	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
CSK SELF TAPPER RAISED PH 3.5X13 (CSK SELF TAPPER RAISED PH 3.5X16 (CSK SELF TAPPER RAISED PH 3.5X16	DIN 7983 steel zinc plated black H shap C w. tip Article: 013725 13 013725 16 013725 16	e           Description:	<ul> <li>ad with AW drive</li> <li>Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm</li> <li>Article: 020642 13</li> </ul>
Cosk Self TAPPER RAISED PH 3.5X13 CCSK SELF TAPPER RAISED PH 3.5X13 CCSK SELF TAPPER RAISED PH 3.5X19 CCSK SELF TAPPER RAISED PH 3.5X29	DIN 7983 steel zinc plated black H shap C w. tip Article: 013735 13 013735 13	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
Pescription:           K CSK SELF TAPPER RAISED PH 3.5X13           K CSK SELF TAPPER RAISED PH 3.5X16	DIN 7983 steel zinc plated black H shap C w. tip Article: 013735 113 013735 116 013735 19 013735 19 013735 19 013735 19 013735 19 013735 19 013735 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
Contraction and the second sec	DIN 7983 steel zinc plated black H shap C w. tip 013735 13 013735 16 013735 16 013735 19 013735 25 013739 19 013739 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
Constraints         Constraints           Constraints         Constants           Constraints	DIN 7983 steel zinc plated black H shap C w. tip	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
Contraction and the second sec	DIN 7983 steel zinc plated black H shap C w. tip 013735 13 013735 16 013735 16 013735 19 013735 25 013739 19 013739 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X25 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.5X25 CSK SELF TAPPER RAISED PH 3.5X25 CSK SELF TAPPER RAISED PH 3.5X25 CSK SELF TAPPER RAISED PH 3.5X22 CSK SELF TAPPER RAISED PH 3.5X22	DIN 7983 steel zinc plated black H shap C w. tip 013735 13 013735 16 013735 19 013735 19 013739 22 013749 25 013739 25 013739 25 013739 25 013742 16 013742 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
escription: CSK SELF TAPPER RAISED PH 3.5X13 CSK SELF TAPPER RAISED PH 3.5X13 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.9X16 CSK SELF TAPPER RAISED PH 3.9X16 CSK SELF TAPPER RAISED PH 3.9X25 CSK SELF TAPPER RAISED PH 4.2X12 CSK SELF TAPPER RAISED PH 4.2X19 CSK SELF TAPPER RAISED PH 4.2X19	DIN 7983 steel zinc plated black H shap C w. tip Article: 013735 13 013735 16 013735 19 013735 25 013739 16 013739 22 013739 22 013739 22 013739 22 013739 22 013739 22 013739 22 013742 19 013742 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
CSK SELF TAPPER RAISED PH 3.9X19 CSK SELF TAPPER RAISED PH 3.5X13 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.9X19 CSK SELF TAPPER RAISED PH 3.9X19 CSK SELF TAPPER RAISED PH 3.9X19 CSK SELF TAPPER RAISED PH 3.9X22 CSK SELF TAPPER RAISED PH 3.9X22 CSK SELF TAPPER RAISED PH 3.9X22 CSK SELF TAPPER RAISED PH 4.2X22 CSK SELF TAPPER RAISED PH 4.2X22 CSK SELF TAPPER RAISED PH 4.2X22 CSK SELF TAPPER RAISED PH 4.2X22	DIN 7983 steel zinc plated black H shap C w. tip 013725 13 013735 16 013735 16 013735 19 013735 25 01379 19 013739 22 013739 22 013739 22 013739 22 013742 21 013742 22 013742 22	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm
escription: CSK SELF TAPPER RAISED PH 3.5X13 CSK SELF TAPPER RAISED PH 3.5X16 CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.5X19 CSK SELF TAPPER RAISED PH 3.9X19 CSK SELF TAPPER RAISED PH 3.9X22 CSK SELF TAPPER RAISED PH 4.2X16	DIN 7983 steel zinc plated black H shap C w. tip Article: 013735 13 013735 16 013735 19 013735 25 013739 16 013739 12 013739 22 013739 22 013739 22 013739 22 013739 22 013742 19 013742 19	e           Description:           Plas SELFDRIL SCREW PAN HD AW4 2X13	ad with AW drive Steel case-hardened, galvanized blue passivert, with drill tip. For fastening steel profiles on steel substructures 3 mm

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## <u>Fasteners</u>



## Tapping, thread rolling, drilling screws

	Factory standard, zinc-plated steel, blue passivated (A3K), H recessed head		Steel case-hardened, galvanized blue passivated, with long drill tip. For attaching steel profiles to steel undercostrution 12 mr
<del>Janunuses</del>			
Description:	Article:	Description:	Article:
AS SELFDRILL SCREW PAN HD PH3.5X13 AS SELFDRILL SCREW PAN HD PH3.5X16	021135 13 021135 16	PIAS HEX SELFORL SCREW LNG TIP5.5X38	021405538
AS SELFDRILL SCREW PAN HD PH3.5X19 AS SELFDRILL SCREW PAN HD PH3.9X13	021135 19 021139 13		
AS SELFDRILL SCREW PAN HD PH3.9X16 AS SELFDRILL SCREW PAN HD PH3.9X19	021139 16 021139 19		
AS SELFDRILL SCREW PAN HD PH3.9X25 AS SELFDRILL SCREW PAN HD PH4.2X16	021139 25 021142 16		
AS SELFDRILL SCREW PAN HD PH4.2X19	021142 19		
AS SELFDRILL SCREW PAN HD PH4.8X13 AS SELFDRILL SCREW PAN HD PH4.8X16	021148 13 021148 16		
IAS SELFDRILL SCREW PAN HD PH4.8X22 IAS SELFDRILL SCREW PAN HD PH4.8X25	021148 22 021148 25		
pias® drilling screw with hexa	gon head and drill tip	Drilling screw, hexagon head	with sealing washer pias®
blusse drilling screw with head	For attaching steel profiles to steel	Drining screw, nexugon nedu	Case-hardened, zinc-plated blue passivated
	substructures 5 mm		steel and sealing washer. For attaching stee profiles to steel substructures ≤ 5mm
		-	
Description: IAS HEX SELFDRILL SCREW COL 4.2X13	Article: 021442 13	Description: self drilling facade screw 4,2x13	Article: 0214742136
AS HEX SELFDRILL SCREW COL 4.2X16	021442 16	SELF DRILLING FACADE SCREW 4,8X100	0214748100
IAS HEX SELFDRILL SCREW COL 4.2X19 IAS HEX SELFDRILL SCREW COL 5.5X38	021442 19 021455 38	SELF DRILLING FACADE SCREW 4,8X120 PIAS HEX SELFDRL ROOF SCREW 4.8X19	0214748120 0214748199
IAS HEX SELFDRILL SCREW COL 6.3X19 IAS HEX SELFDRILL SCREW COL 6.3X22	021463 19 021463 22	SELF DRILLING FACADE SCREW 4,8X60 SELF DRILLING FACADE SCREW 4,8X85	0214748609 0214748859
IAS HEX SELFDRILL SCREW COL 6.3X50	021463 50	PIAS HEX SELFDRL ROOF SCREW 5.5X60 PIAS HEX SELFDRL ROOF SCREW 6.3X35	0214755609 0214763359
Wing-tip drilling screw with co	untersunk millina head	Combination screw type 1	
	The self-drilling screw with up to 50% time		Steel zinc plated with washer type 1
	savings when fastening wood to metal sub- structures		
Contraction			
Description:	Article:	Description:	Article:
VING PIAS SCREW C/SUNK HEAD AW4.2X32 VING PIAS SCREW C/SUNK HEAD 4,8X50	0219124232 0219124850	SCREW & IRG WASHER	0501104054
VING PIAS SCREW STEEL ZINC AW25.5X38 VING PIAS SCREW C/SUNK HEAD 6,3X65	0219125538 0219126365		
Capping screw, hexagon head	Tapping screw, hexagon head, others		
	rapping serew, nexagon nead, oners		
0			
		_ [	
Description:	Article:	-	

## Threaded rods, pieces, plates, sockets





## <u>Fasteners</u>

## <u>Washers</u>



Flat washer		Washer	
	DIN 125, zinc-plated steel, blue passivated (A2K)		Washer steel zinc plated inch
Description: FLAT WASHER HEAVY DUTY M10 FLAT WASHER HEAVY DUTY M12 FLAT WASHER HEAVY DUTY M14 FLAT WASHER HEAVY DUTY M18 FLAT WASHER HEAVY DUTY M18 FLAT WASHER HEAVY DUTY M3 FLAT WASHER HEAVY DUTY M3 FLAT WASHER HEAVY DUTY M4 FLAT WASHER HEAVY DUTY M5 FLAT WASHER HEAVY DUTY M6 FLAT WASHER HEAVY DUTY M7 FLAT WASHER HEAVY DUTY M8	Article: 040710 040712 040714 040716 040718 040720 04073 04074 04075 04075 04077 04077 04078	Description: FLAT WASHER HEAVY DUTY 1/2" FLAT WASHER HEAVY DUTY 3/4" FLAT WASHER HEAVY DUTY 3/8" FLAT WASHER HEAVY DUTY 5/16" FLAT WASHER HEAVY DUTY 5/16" FLAT WASHER HEAVY DUTY 5/8" FLAT WASHER HEAVY DUTY 7/16"	Article: 040812 040814 040838 040838 0408516 040859 0408716
Flat washer		Wing repair washer	
	DIN 125 stainless steel A2 140 HV plain	0	DIN 522 plain A2 stainless steel
Description: ELAT WASHER A2 M10 ELAT WASHER A2 M12 ELAT WASHER A2 M14 ELAT WASHER A2 M16 ELAT WASHER A2 M18 ELAT WASHER A2 M20 ELAT WASHER A2 M3 ELAT WASHER A2 M4 ELAT WASHER A2 M5 ELAT WASHER A2 M6	Article: 040910 040912 040914 040916 040920 040920 04094 04095 04096 04098	Description: FENDER WASHER A2 M10X40X1,5 FENDER WASHER A2 M12X40X1,5 FENDER WASHER A2 M4X15X1 FENDER WASHER A2 M5X15X1,5 FENDER WASHER A2 M5X20X1,5 FENDER WASHER A2 M8X30X1,5	Article: 0409931040 0409931240 040993515 040993515 040993520 040993830

## <u>Washers</u>



	DIN 522 steel zinc plated		DIN 440 stainless steel A4 plain, shape R
		0	
Description:	Article:	Description:	Article:
NDER WASHER ZINC 10X20X1.5	041110 20	FENDER WASHER A4 10X34X3	041290210
NDER WASHER ZINC 10X20X1.3	041110 20	FENDER WASHER A4 10X34X3	041290210
NDER WASHER ZINC 10X25X1.5	041110 25	FENDER WASHER A4 5X18X2	04129025
NDER WASHER ZINC 10X30X1.5	041110 30	FENDER WASHER A4 6X22X2	04129026
NDER WASHER ZINC 10X40X2	041110 40	FENDER WASHER A4 8X28X3	04129028
NDER WASHER ZINC 12X30X1.5	041112 30		
NDER WASHER ZINC 12X40X2	041112 40		
NDER WASHER ZINC 12X50X2.5	041112 50 041114 30		
NDER WASHER ZINC 14X30X1.5 NDER WASHER ZINC 3X10X0.8	041114 30		
NDER WASHER ZINC 4X12X1.25	04114 12		
NDER WASHER ZINC 4X20X1.25	04114 20		
NDER WASHER ZINC 5X15X1.25	04115 15		
NDER WASHER ZINC 5X20X1.25	04115 20		
NDER WASHER ZINC 5X25X1.25	04115 25		
IDER WASHER ZINC 5X30X1.25 IDER WASHER ZINC 6X15X1.5	04115 30 04116 15		
IDER WASHER ZING 6X13X1.5	04116 15		
NDER WASHER ZINC 6X20X1.25	04116 20		
NDER WASHER ZINC 6X25X1.25	04116 25		
NDER WASHER ZINC 6X30X1.25	04116 30		
NDER WASHER ZINC 6X40X1.5	04116 40		
NDER WASHER ZINC 7X20X1.25	04117 20		
NDER WASHER ZINC 8X20X1.25 NDER WASHER ZINC 8X24X1.25	04118 20 04118 24		
ENDER WASHER ZINC 8X24X3	04118 243		
NDER WASHER ZINC 8X25X1.25	04118 25		
ENDER WASHER ZINC 8X30X1.5	04118 30		
NDER WASHER ZINC 8X40X1.5	04118 40		
Vasher with large outside diam	neter	Grommet	
Vasher with large outside diam		Grommet	Rosette brass nickel-plated, shape 1
Vasher with large outside diam	neter DIN 9021 stainless steel A2 plain	Grommet	Rosette brass nickel-plated, shape 1
Washer with large outside diam		Grommet	Rosette brass nickel-plated, shape 1
		Grommet	Rosette brass nickel-plated, shape 1
Cescription: ENDER WASHER A2 6X18X1.6	DIN 9021 stainless steel A2 plain          Article:         04196	Description:	Article: 0455115
Description:	DIN 9021 stainless steel A2 plain	Description:	Article:

#### Rosette shape 4



Rosette brass nickel-plated, shape 4

CUP WASHER NICKEL PLATED 5X11 CUP WASHER NICKEL PLATED 5X12 CUP WASHER NICKEL PLATED 6X13 CUP WASHER NICKEL PLATED 7X15

## CUP WASHER NICKEL PLATED 7X15 [0455157] Plastic grommet Plastic rosette for BMW Description: BLACK CUP WASHER BMW 4X12MM Article: 04580124

## <u>Washers</u>



Rosette brass black burnished, shape 4



Description:
BLACK CUP WASHER 5X11MM
BLACK CUP WASHER 5x12MM
BLACK CUP WASHER 6X13MM



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# 븢 WüRTH

# HAND TOOLS



Saga

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## Application tools

	In sizes 1, 50, 90, 100 100		Cap be used for six different multiplices
	In sizes 1x 50, 80, 100 and 120 mm	E WURTH Figherlähtter plus John smoothere plus John smoothere plus John smoothere plus	Can be used for six different applications in all jointing scenarios
Description: patula set japanese ss	Article: 0695940930	Description: JOINT SMOOTHER PLUS	Article: 0891182
Plastering trowel		Bern-type plastering trowe	l
	Rust-proof spatula with wooden handle		Rust-proof trowel with wooden handle
Description: Lasterers spatula 60mm	Article: 5771101206	Description: PLASTERING TROWEL 120MM PLASTERING TROWEL 160MM	Article: 5771001402 5771001406
Smoothing trowel		2-C smoothing trowel	
	Rust-proof trowel with wooden handle		Rust-proof trowel with 2-C handle
Description: MOOTHING TROWEL 280MM	Article: 5771001001	Description: SMOOTHING TROWELSS 2-C HANDLE	Article: 5771011001
Decorators	Pure synthetic filaments for control, precision and a professional finish.	Flat brush	Brush of good quality
Description: AINT BRUSH 25MM AINT BRUSH 38MM	Article: 9500500444 9500500445	Description: 6MM WURTH PAINT BRUSH 100MM WURTH PAINT BRUSH PAINT BRUSH 50MM PAINT BRUSH 75MM	Article: 9500500266 9500500267 9500500268 9500500269



Dis dia accessories			
Bit holder		Bit assortment	
10 2 m	Bit holder C 6.3 (1/4) sleeve and snap ring		Extensive 1/4 inch bit assortment with short and long versions of the most common standard and safety bits
Description:	Article:	Description:	Article: 0614250300
1/4" ZEBRA BIT HOLDER 100MM LONG	0613715	1/4" SAFETY BIT SET (105PCS)	0614250300
AW® C 6.3 bit (1/4 inch)		AW® bit	
	Bit AW C 6.3 (1/4)		E 6.3 (1/4")
Description: 1/4" BIT AW10 X 25MM PINK 1/4" BIT AW20 X 25MM LUMINOUS ORANGE 1/4" BIT AW20 X 25MM LUMINOUS GREEN 1/4" BIT AW30 X 25MM LUMINOUS YELIOW 1/4" BIT AW40 X 25MM LUMINOUS PINK	Article: 06145110 06145120 06145125 06145130 06145140	Description: 1/4" BIT AW10 X50 MM PINK 1/4" BIT AW20 X SOMM LUMINOUS ORANGE	Article: 06145210 06145220
Bit box		Bit box, size 3	
	36 bits: 1/4 inch, L = 25 mm		Extensive assortment including RW, PH, PZ, TX, hexagon and slotted bits in replaceable bit bars including bit holder. Available in ORSY® system bit box
Description: 1/4" BIT SET(PH/ALN-KEY/SL/TX) 36PCS	Article: 06142507	Description: BIT ASSORTMENT MIXED 33PCS	Article: 0614400301
BIT-MIX-SET-PH/PZ/TX/HEX/SD-33TLG	0614400302		
Hexagon socket bit	C 6.3 (1/4") POWERDRIV	1/4 inch 2 in 1 adapter	Socket wrench and bit adapter in one tool
Description: 1/4" BIT HEXAGON SOCKET 2.5MM X 25MM 1/4" BIT HEXAGON SOCKET 3MM X 25MM 1/4" BIT HEXAGON SOCKET 4MM X 25MM 1/4" BIT HEXAGON SOCKET 5MM X 25MM 1/4" BIT HEXAGON SOCKET 6MM X 25MM	Article: 0614176925 061417693 061417694 061417695 061417696	Description: 1/4" 2IN ONE ADAPTOR	Article: 0614176636



1/4 inch bit holder, magnetic		C 6.3 PH bit (1/4 inch)	
	Bit holder with one-handed quick-change function		With colour-coding
SWURTH 3			
Description: 1/4" MAGNETIC BIT HOLDER 66MM LONG	Article: 0614176638	Description: 1/4" BIT PH1 X 25MM YELLOW 1/4" BIT PH2 X 25MM WHITE 1/4" BIT PH3 X 25MM RED 1/4" BIT PH4 X 32MM PURPLE	Article: 0614176274 0614176461 06141766750
Phillips bit		E 6.3 PH bit (1/4 inch)	
	PH/Phillips C 8.0 (5/16")		Range of lengths, with colour-coding
Description: 5/16° BIT PH2 X 32MM WHITE 5/16° BIT PH3 X 32MM RED	Article: 0614177583 0614177770	Description: 1/4" BIT PH1 X 50MM YELLOW 1/4" BIT PH2 X 50MM WHITE 1/4" BIT PHILIPS NO.3X50MM RED 1/4" BIT PH2 X 73MM WHITE	Article: 0614176735 0614176736 0614176737 0614176775
Phillips bit		C 6.3 PZ bit (1/4 inch)	
	PH C 6.3 (1/4")		Short bit for POZIDRIV screws
		T within T	
Description: /4" ZEBRA BIT PH1 X 25MM YELLOW	Article: 061412251	Description:	Article: 0614176651
/4" ZEBRA BIT PH2 X 25MM WHITE /4" ZEBRA BIT PH3 X 25MM GREEN	061412252 061412253	1/4" BIT P22 X 25MM GREEN 1/4" BIT P23 X 25MM GREEN 1/4" BIT P24 X 32MM ORANGE	0614176652 0614176653 0614176751
E 6.3 PZ bit (1/4 inch)		Pozidriv bit	
	Long bit for Pozidriv screws		PZ/Pozidriv C 6.3 (1/4")
Description: BIT-P22-F.MSVW2-1/4IN-L168MM 1/4* BIT P21 X 50MM BLUE 1/4* BIT P22 X 50MM BLACK 1/4* BIT P22 X 50MM CBEEN	Article: 0614100231 0614176659 0614176660 0614176661	Description: 1/4" ZEBRA BIT PZ1 X 25MM BLUE 1/4" ZEBRA BIT PZ2 X 25MM BLACK 1/4" ZEBRA BIT PZ3 X 25MM GREEN	Article: 061411251 061411252 061411253
1/4" BIT PZ3 X 50MM GREEN	0614176661		1



Slotted bit		C 6.3 TX bit (1/4 inch)	
	C 6.3 (1/4")		Short bit for all common TX screw sizes
Description: 1/4" BIT SLOTTED 0.6X4.5X25MM 1/4" BIT SLOTTED 0.8X5.5X25MM 1/4" BIT SLOTTED 1.0X6.0X25MM 1/4" BIT SLOTTED 1.2X8.0X25MM	Article: 0614175652 0614175653 0614175654 0614175656	Description: 1/4* BIT TORX TX10 X 25MM BLUE 1/4* BIT TORX TX15 X 25MM VELLOW 1/4* BIT TORX TX20 X 25MM VELLOW 1/4* BIT TORX TX25 X 25MM BLACK 1/4* BIT TORX TX27 X 25MM 1/4* BIT TORX TX40 X 25MM RED 1/4*BIT TORX TX40 X 25MM GREEN 1/4*BIT TORX TX45 X 25MM	Article: 06143110 06143115 06143120 06143127 06143127 06143130 06143140 061431451
Connector DIN 7427 1/4	inch Connecting piece DIN 7427 (1/4)	Connector DIN 7428 C 6.3	(1/4 inch) Connecting piece DIN 7428 C 6.3 (1/4)
Description: 1/4" CONNECTOR BIT PIECE HEX 1/4"	Article: 0614176680	Description: 1/4" HEX-1/4" 4 POINT CONNECTOR	Article: 0614176700
1/4-inch socket wrench inse	ert Hexagon socket wrench E 6.3 (1/4 inch) with magnet	Impact Flex Phillips bit	PZ/Pozidriv C 6.3 (1/4")
Description: 1/4" HEX.BIT HOLDER MAGNETIC SW 7 1/4" HEX.BIT HOLDER MAGNETIC SW 8 1/4" HEX.BIT HOLDER MAGNETIC 10	Article: 0614176714 0614176715 0614176717	Description: 1/4" ZEBRA PZ3 IMPACT FLEX BIT 29MM	Article: 0614176643



TX bit		Universal holder E 6.3 (1/4")	
0	C 6.3 (1/4")		Univ. holder E 6.3 (1/4) quick-change chuck
Description:	Article:	Description:	Article:
Universal holder E 6.3 (1/4"	061431153	1/4" QUICK CHANGE BIT HOLDER 51MM LG	0614176711
	Univ. holder E 6.3 (1/4) stainless steel mag.		PH impact bit 5/16 inch
Description: 1/4" MAGNETIC BIT HOLDER 74MM LONG	Article: 0614176702	Description: IMPACT BIT 5/16 PHILIPS NO.2 IMPACT BIT 5/16 PHILIPS NO.3 IMPACT BIT 5/16 PHILIPS NO.4	Article: 071436 09 071436 10 071436 11
Slotted impact bit 5/16 inch	Slotted impact bit 5/16 inch	Bit assortment	With the most common 10 mm bits for the motor vehicle and cargo sectors.
Description: IMPACT BIT 5/16 SLOTTED 5.5MM IMPACT BIT 5/16 SLOTTED 6.5MM IMPACT BIT 5/16 SLOTTED 8.0MM IMPACT BIT 5/16 SLOTTED 10.0MM IMPACT BIT 5/16 SLOTTED 12.0MM IMPACT BIT 5/16 SLOTTED 14.0MM	Article: 071436 03 071436 04 071436 05 071436 05 071436 07 071436 07 071436 08	Description: BIT-MIX-SORT-10MM-47PCS	Article: 096512 470



## Bodywork tools

Barrel-shaped adapter		Oval, flexible adapter	
	Adapter barrel-shaped for dent lifter		Adapter oval/flexible for dent lifter
Description: DAPTER DRUM SHAPE (VIOLET) 47X33MM Dval/rigid adapter	Article: 0691500122	Description: ADAPTER-OVAL FLEX (VIOLET) 47X33MM Round, flexible adapter	Article: 0691500118
	Adapter oval/stiff for dent lifter		Adapter round/flexible for dent lifter
Description: Dapter-oval rigid (yellow) 47x33mm	Article: 0691500117	Description: Adapter.round flex (violet) 40mm	Article: 0691500116
Round/small adapter	Adapter round/small for dent lifter	Round/rigid adapter	Adapter round/stiff for dent lifter
Description: DAPTER ROUND SMALL (BLUE) 35MM	Article: 0691500121	Description: ADAPTER.ROUND RIGID (YELLOW) 40MM	Article: 0691500115
Dent lifter set	Dent repair system with adhesive system	Pulling adapter	Adapter for PinPuller, Minilifter, Dent Lifte and Maxilifter to remove dents without damaging the paintwork



## Bodywork tools

Pulling tabs combination as	sorment	Slide hammer	
1 1	Adapter for PinPuller, Minilifter, Dent Lifter and Maxilifter to remove dents without damaging the paintwork		Slide hammer for dent lifter
Pescription:	Article:	Description:	Article:
DAPTOR SET 16MM & 27MM (5 X EACH) DAPTOR SET 21MM & 32MM (5 X EACH)	0691500154 0691500155	SLIDING HAMMER FOR DENT LIFTER	0691500112
Velded Studs		Knife blade, L-shaped, tooth	ed
¢	Welding bolt		Cutting knife L-shaped, toothed
Description:	Article:	Description:	Article:
ENT PULLER PIN 2.0 MM ENT PULLER PIN 2.6 MM	0691500080 0691500081	GLASS CUTTER L SHAPE 25.4MM GLASS CUTTER L SHAPE 19MM GLASS CUTTER L SHAPE 38MM	06965207 06965208 06965209
J-shaped cutting knife	Cutting knife U-shaped	Fixing clamp	For rapid and simple securing of sheet mete and welded and bonded connections
Description: LASS CUTTER U SHAPE 95M LASS CUTTER U SHAPE 60MM LASS CUTTER U SHAPE 38MM	Article: 06965111 06965157 06965212	Description: FIXING CLAMPS 0 - 2.5MM FIXING CLAMPS 2.5 - 5MM	Article: 0713744025 0713744050
Nounting wedge		Assembly wedge set	
	For simple and rapid detachment of e.g. door panelling, sealing plugs and protective caps of hollow hinge pins		For removing interior panelling and fasteni elements.



#### Bodywork tools

Bodywork file blade		Bodywork file blade	
	Bodywork file blade one-sided radial milled		Bodywork file blade, double-sided, radial milled
Description: HALF ROUND BODY FILE 9TPI 350MM	Article: 071461 710	Description: WU BODYWORK BLADE 9Z 350MM WU BODYWORK BLADE 12Z 350MM	Article: 071461 71 071461 72
Bodywork file holder		Body repair kit	
	Bodywork file holder		Thick walled extension tubes for added strength and longer life
Description: BODYWORK FILE HOLDER	Article: 071461 73	Description: BODYWORK STRAIGHTENING TOOL 17PCS	Article: 071557 010
Body repair kit		Special peen planishing hammer	
	Quick-lock design for fast easy assembly and disassembly	edware and a second	Specialist bumping and pecking hammer
	Article: 071557 004	Description: BUMPING AND PECKING HAMMER 330G	Article: 071574 30
Universal lever		Fixing clamp set	
	For centring and levering components		For rapid and simple securing of sheet metal for welded and bonded connections
Description:	Article: 071574 47	Description: PANEL FIXING CLAMPS (17PCS)	Article: 096574417



#### Brooms, brushes and handles

Pole terminal brush		Wire brush	
	Pole terminal brush		Wire brush
		TUTTINTIAN ANNA MINA A	
Description: BATTERY POLE TERMINAL BRUSH	Article: 0695589544	Description: STEEL WIRE BRUSH 4 ROWS STEEL WIRE BRUSH 5 ROWS	Article: 06974 06975
Broom		Broom with soft bristles and buffe	
	Broom Südharz		Broom with soft bristles and buffer
Description: PLASTFORM BROOM SOFT BRISTLE 610MM PLASTFORM BROOM HARD BRISTLE 610MM	Article: 9500500274 9500500275	Description: OFFICE BROOM NO.5	Article: 9500500273
Cylindrical mop head		Hall broom with hard bristle	
	Cylindrical mop head		Hall broom with hard bristle
Description: MOP 500GR	Article: 9500500272	Description: Plastform broom hard bristle 460mm	Article: 9500500271
Hall broom with soft bristles			
	Hall broom with soft bristles		
Description: PLATFORM BROOM SOFT BRISTLE 460MM	Article: 9500500270		



#### Building site tools and machinery

Bricklayer cord, polypropyle	ne, fluorescent	Powdered chalk	
	Highly visible, flexible bricklayer cord made of polypropylene		Fine calcium carbonate powder for general work indoors and outdoors
Description: BRICK LAYER LINE D2.0MM-L100M	Article: 071370 077	Description: CHAIK LINE POWDER BLUE 300G CHAIK LINE POWDER YELLOW 300G CHAIK LINE POWDER RED 300G	Article: 071370 08 071370 081 071370 082
Chalk line reel		Plumb bob	
Here and the second sec	For marking out with chalk powder		Plumb bob
Description:	Article:	Description:	Article:
CHALK LINE REEL 30M	071370 240	PLUMB BOB 300G PLUMB BOB 500G	071370 100 071370 101
Crowbar		Glass grip	
	Rugged crowbar with oval shaft for maximum load capacity		Grip for transporting and lifting windows and panels easily.
Description: CROWBAR OVAL 1000MM	Article: 0714631010	Description: GLASS PANEL GRIP 40-100MM 2pcs	Article: 071567 46



#### Chipping tools

Bimetal saw blade HSS		Small saw bow	
• (1) AM THE REFERENCE BOOM SUBSCIENCE	No saw blade offers more cutting performance and flexibility	6	Small bow saw
Description: ZEBRA HACKSAW BLADE 24 TPI ZEBRA HACKSAW BLADE 32 TPI ZEBRA HACKSAW BLADE 18:32 TPI	Article: 060330013 0603300133 060330113	Description: JUNIOR HACKSAW FRAME COMPLETE	Article: <sup>06091</sup>
Small saw blade		Japanese hand saw Kataba	
	Small saw blade		Fine saw without backing rib
Description: JUNIOR HACKSAW BLADE	Article: 06092	Description: KATANA SHAW 250MM	Article: 0695932152
Smoothing plane	Versatile tool for woodwork, metalwork and automobile work		
Description: SMOOTHING PLANE 260	Article: 071364 10		
Blade scraper		File handle	
	Blade scraper, 2C handle set		File handle, plastic
Description: BLADE SCRAPER	Article: 071466335	Description: FILE HANDLE 200MM	Article: 071461 622



#### Chipping tools

File handle		Flat blunt-ended file	
	File handle, wood		Flat file shape A
Description: WURTH FILE WOODEN HANDLE 110/200 WURTH FILE WOODEN HANDLE 120/250 WURTH FILE WOODEN HANDLE 130/300	Article: 071461 58 071461 59 071461 60	Description: WURTH FLAT IRON FILE H1 250MM WURTH FLAT IRON FILE H2 200MM WURTH FLAT IRON FILE H2 300MM	Article: 071461 02 071461 08
		WURTH FLAT IRON FILE H3 200MM	071461 11
Half-round file	Half-round file type E	HSS blade	For deburring tool for deburring steel and aluminium
Description:	Article:	Description:	Article:
WURTH HALF ROUND IRON FILE HI 200MM	071461 34	de Burrer Blade for steel/alu Key file set	071442 024
	For deburring tool for deburring brass and plastic		Key file set
Description: DEBURRER BLADE FOR BRASS/CAST IRON	Article: 071442 025	Description: WURTH FILE SET (6PCS)	Article: 071461 74
Metal bow saw		Quick deburrer	
	Light and manageable metal bow saw with aluminium handle		Deburring tool supplied with HSS blade, dia. 3.2 mm - ready to use immediately
Description: WURTH HACKSAW FRAME	Article: 071464 02	Description: GUICK DEBURRER	Article: 071442 07



#### Chipping tools

Scraper blade		Universal thread file	
= WURTH	Standard blade for all conventional and universal applications, such as cleaning and removing deposits and residues		Universal thread file, metric
Description: BLADE FOR SCRAPER 40MM	Article: 0714663351	Description: THREAD RESTORER METRIC	Article: 071461 77
Universal thread file		Flat hand engineer's file set	
	Universal thread file, UNF/UNC		File set with flat, half round, round, triangular and square shaped files
Description: THREAD RESTORER UNF/UNC	Article: 071461 78	Description: ZEBRA FILE SET (SPCS)	Article: 071461 90
Scraper and blade set	Scraper set with 4 different scraper blades and carpet knife	Scraper blade	Scraper blade
Description: SCRAPER AND BLADE SET (27PCS)	Article: 071566 40	Description: SCRAPER BLADE 12MM FOR 00715 66 40 SCRAPER BLADE 16MM FOR 00715 66 40 SCRAPER BLADE 20MM FOR 00715 66 40 SCRAPER BLADE ANGLED 16M/00715 66 45	Article: 071566 42 071566 43 071566 44 071566 45
Plasterboard saw			
	High-quality saw for clean cuts in plasterboard		
Description: Dry Wall Saw 150mm	Article: 5760041005		



#### **Clamping tools** Door frame clamp Pole welding clamp The door frame clamp fixes and supports the Pole welding clamp door frame gently and precisely whilst wall joints are filled with foam. Article: Article: **Description:** Description: DOOR FRAME CLAMP 06959651 POLE WELDING CLAMP 069596411 Base Gluing clamp Indexable insert for one-hand assembly tool Adjustable gluing clamp for gentle clamping Article: Article: **Description:** Description: BASE ASSEMBLY FOR VIKING ARM 0714662971 GLUING SPRING CLAMP 60MM GLUING SPRING CLAMP 100MM 0714661900 0714661901 Malleable cast iron screw clamp with protective cap One-handed assembly tool Strong from VIKING ARM For rigid, non-elastic, secure clamping High-quality, one-handed assembly tool for the professional tradesperson Article: Article: **Description:** Description: IRON SCREW CLAMP 1000X120 0714671101 VIKING ARM 0714662970 IRON SCREW CLAMP 160X80 071467116 IRON SCREW CLAMP 200X100 071467120 IRON SCREW CLAMP 250X120 071467125 IRON SCREW CLAMP 600X120 0714671600 IRON SCREW CLAMP 400X120 071467240 One-handed clamp Belt clamp Clamp, open and spread with just one hand Suitable for parts with closed and difficult contours. Article: Article: **Description: Description:** ONE HAND CLAMP 300MM 0714662300 BELT CLAMP 071567 60 ONE HAND CLAMP 450MM 0714662450 ONE HAND CLAMP 700MM 0714662700



#### <u>Cutting tools</u>

Ideal snips		Bolt cutters	
	Leverage sheet metal snips for continuous and shaped cuts		Bolt cutters
Description: HEET METAL SHEERS R/HAND ZEBRA SHEET METAL SHEERS L/HAND ZEBRA	Article: 071303 100 071303 110	Description: BOLI CUTTERS 610MM BOLI CUTTERS 910MM	Article: 071406 610 071406 910
Cutting wheel		Glass cutter	
	Cutting wheel for pipe cutter		Glass cutters
0		<u>e</u>	
Description: LLADE FOR PIPE CUTTER 00714 551 330	Article: 0714551940	Description: GLASS CUTTER	Article: 071470 11
INOX steel scissors, Zebra		Pipe cutter	
	INOX steel scissors		Easy cutting of aluminium, copper and thin walled metal pipes
CO PREM PREM			
Description: zebra electrician scissors	Article: 0714036320	Description: PIPE CUTTER 3-30MM	Article: 0714551331
VDE cable cutters with sing	yle blade	Work scissors	
	For cutting copper and aluminium cable		Robust, high-quality, rust-proof scissors for professional applications
CONTRACTOR			0
	Article:	Description:	Article:



#### <u>Cutting tools</u>

1-component cutter knife inc	luding extremely sharp snap-off blades	Bevelled-edge chisel	
	Set of 14 pieces		Robust blade features knife and chisel function.
	3		
Description: Ik Cutter knife & blade set - 14 PCS	Article: 071566 118	Description: CHISKNFE-1C-CST-L195MM	Article: 071566 537
Cable knife		Carpet knife	
	Edges bevelled and sharpened on both sides for stripping cables		With slim, extremely robust metal handle.
			5
Description: EBIKNFE-IC-CST4162MM	Article: 071566 538	Description: CARPET KNIFE RED CHANGEABLE BLADE	Article: 071566 01
2-component carpet knife		Multi-purpose knife with safe	ty function
Stepra'	With three stop positions and a fully retractable bi-metal blade.		Hobby knife with built-in safety function
Description: CARPET KNIFE BLACK RETRACTABLE BLADE	Article: 071566 015	Description: SELF RETRACTABLE CUTTING KNIFE 9MM SELF RETRACTABLE CUTTING KNIFE 18MM	Article: 071566 061 071566 211
1C cutter knife with clamping	g wheel	1C cutter knife with slider	
	Blade locking via clamping wheel		With automatic blade locking for convenient
Description: utility KNIFE FOR JAP BLADE 25MM	Article: 071566 350	Description: RETRACTABLE CUTTING KNIFE 9MM	Article: 071566 915



#### <u>Cutting tools</u>

Combination pocket knife		Japanese saw blade	
	High-quality stainless blade and trapezoidal blade holder for precise cutting. Robust metal handle.		Japanese saw blade 25 mm
0		Antonis de 335	
Description: OKTKNFE.COMBI-110MM	Article: 071566 567	Description: JAPANESE BLADE FOR WOOD 25MM JAPANESE BLADE FOR PLASTIC 25MM	Article: 071566 352 071566 353
Folding knife DESERT, speci	al edition	Snap-off blade	
	G10 folding knife made of high-quality AUS- 8 stainless steel with Linerlock closure		Robust blade with long service life
NSRT OF CONTRACTOR			
Description: OLDING KNIFE	Article: 071566 556	Description: KNIFE BLADES-BREAKOFF-18MM KNIFE BLADE-BREAKOFF-9MM REPLACEMENT BLADE FOR 00715 66 35	Article: 071566 05 071566 07 071566 351
Trapezoidal blade knife set		Trapezoidal blade	
11.	The set consists of a trapezoidal blade knife, 10 high-quality bits and a nylon belt pouch.		Trapezoidal blade
Description:	Article: 071566 516	Description: REPLACEMENT BLADE FOR 00715 66 01	Article: 071566 02
Description: TRAPEZOIDAL BLADE KNIFE SET + 10BITS	071566 516	Description:	
Description: TRAPEZOIDAL BLADE KNIFE SET + 10BITS 2-component universal knife	071566 516	Description: REPLACEMENT BLADE FOR 00715 66 01	

#### <u>Cutting tools</u>



# Spare blade Blade for cutting pliers Blade for cutting pliers Description: BRAKE PIPE CUTTER BLADE

Cutting pliers	
	For plastic pipes up to 22 mm
Description:	Article:
BRAKE PIPE CUTTER	088520 02

### Hand tools

# 븢 WüRTH

#### Extractor

#### External puller, triple leg, adjustable



The dual depth-adjustable hooks clamp automatically.

Description: BEARING PULLER SPNW 130MM BEARING PULLER SPNW 200MM BEARING PULLER SPNW 250MM

Article: 0714523132 0714523202 0714523252

#### Puller, triple leg, double hook



Reversible wide or narrow hook ends clamp automatically.

Description: BEARING PULLER SPNW 160MM Article: 0714523161



#### Hand tool assortments

		System assortment 4.4.1, c	
	VDE pliers assortment combination IEC 60900		Circlip pliers set 4.4.1, 4 pieces
Pescription: Rs/scrdriv-vde.sort-8PCs	Article: 071401 582	Description: CIRCUP PUERS SET IN FOAM (4PCS)	Article: 0965905602
ystem assortment 8.4.1, circ	clip pliers	System assortment 4.4.1, c	irclip pliers Curved
	Circlip pliers set 8.4.1, 25 pieces		Circlip pliers set, angled 4.4.1, 4 pieces
escription: RCUP PUERS SET 8.4.1 25PCS	Article:	Description:	Article:
	0965905917	CIRCUP PLIERS SET CURVED 4.1.1 4PCS	0965905604
ystem assortment 4.4.1, circ	·		opessooseou
	·		
	clip pliers straight		ombination wrenches, metric, 15° angled
ystem assortment 4.4.1, circ	clip pliers straight Circlip pliers set, straight 4.4.1, 4 pieces Article:	System assortment 4.4.1 co	Combination wrenches, metric, 15° angled Combi wrench set 4.4.1, 17 pcs Article: 0965905401
ystem assortment 4.4.1, circ	Circlip pliers straight Circlip pliers set, straight 4.4.1, 4 pieces Article: 0965905603	System assortment 4.4.1 co	Combination wrenches, metric, 15° anglec Combi wrench set 4.4.1, 17 pcs Article: 0965905401



#### Hand tool assortments

System assortment tools, mixed		System assortment 4.4.1, pliers	
	127 pieces		Pliers set 4.4.1, 4 pieces
Description: TLSET-MIXBASIC	Article: 0965905111	Description: ZEBRA PLIERS SET 4.4.1 (4PCS)	Article: 0965905600
System assortment 4.4.1, screwc	river	System assortment 4.4.1, TX scre	ewdriver
	Screwdriver set 4.4.1, 8 pcs		With round shank and drill hole
Description: ZEBRA SCREWDRIVER SET IN FOAM (BPCS)	Article: 0965905501	Description: ZEBRA SCREWDRIVER SET TX 4.4.1(7PCS)	Article: 0965905502
System assortment 4.4.1, socket	wrench 1/2 inch	System assortment 8.4.1, socket	wrench 1/4 + 1/2 inch
	Socket wrench set 1/2 inch 4.4.1, 24 pieces		Socket wrench set 1/4+1/2 inch 8.4.1, 56 pieces
Description: 1/2" SOCKET WRENCH SET 4.4.1 24PCS	Article: 0965905945	Description: 1/4"&1/2" HEX SOCKET SET IN FOAM59PC	Article: 0965905901
System assortment 4.4.1, socket	wrench 3/8 inch	System assortment 8.4.1, socket	wrench 3/8 + 1/4 inch
	Socket wrench set 3/8 inch 4.4.1, 16 pieces		Socket wrench set 3/8+1/4 inch 8.4.1, 91 pcs
Description:	Article:	Description:	Article:



### Hand tool assortments

System assortment 4.4.1, so	ocket wrench 1/4 inch	System assortment 4.4.1, t-	handle screwdriver, TX
	Socket wrench set 4.4.1, 33 pieces		6 pieces
Description: 1/4" SOCKET WRENCH SET 4.4.1 (33PCS)	Article: 0965905001	Description: T-HANDLE SCREWDRIVER SET 4.4.1 6PCS	Article: 0965905511
	This tool case with 115-pieces is ideal for use on the move.		The ideal choice for use on the move
	Article: 096593 124	Description: TOOL SET (93PCS)	Article: 096593 180
Foam insert for empty comp	For custom equipping of workshop trolleys, ORSY BULL boxes, vehicle interior equipment and ORSY shelving systems.	Tool case	Especially suitable for electric and hybrid vehicles.
Description: EMPTY FOAM INSERT SHORT EMPTY FOAM INSERT LONG	Article: 5757900952 5757900960	Description: VDE TOOL CASE 32PCS	Article: 5964502002



#### Inspection tools f. cars/comm. vehicles

Magnetic lifter with plastic ha	ndle	Magnetiser and demagnetise	r
	Flexible shaft for versatile applications	Si KC SIZ entmagnetisieren TVV-TVV H140M magnetisieren	Magnetiser and demagnetiser
Description:	Article:	Description:	Article:
MAGNETIC LIFTING ROD FLEXIBLE	071535 35	MAGNETIZER/DEMAGNETIZER UNIT	071534 95
Universal hook assortment		Telescopic magnet	
	Use for removing and inserting seals and o- rings, ideal for hard-to-reach places.		Magnetic retention force 500g
Description:	Article:	Description:	Article:
Hook and Pick Set 258mm Hook and Pick Set 140mm	071555 335 071555 345	TELESCOPIC MAGNET L155 - 670MM	071534 96
Telescopic rod		Special CV screwdriver bit as	sortment, 1/4 inch and 1/2 inch drive
	Telescopic rod		For all common vehicle applications.
Description: TELESCOPIC ROD WITH MIRROR 290-740MM	Article: 071535 70	Description: CARGO MULTI SPLINE SOKET SET (38PCS)	Article: 1952001026
ILLIGOTIC KOD WITH WIRKOK 290-740MM	0/1000/0	CARGO MULII SPLINE SOREI SEI (SOPCS)	1752001020



#### Marking tools and labels

Scriber		Scriber	
	Carbide-tipped scriber with retaining clip		Coded steel handle and screwed in straight and curved steel needle
Description: MARKING TOOL AM WITH CLIP	Article: 071470 09	Description: SCRIBER WITH STRAIGHT/BENT POINT	Article: 071470 10
Carpenter's pencil		Oil marking chalk	
	With flat lead		For wood, cardboard, textiles, cold and warm iron.

Description:	Article:	Description:	Article:
CARPENTERS PENCIL L240-W12-H8MM	071564 01	OIL MARKER CHALK WHITE 12MMX120MM OIL MARKER CHALK BLUE 12MMX120MM	09844001 09844004



Crimping pliers C 161		2C super nippers	
	For insulated and uninsulated wire end ferrules in accordance with DIN 46228	a children	Fine-cut pliers for precision working
STATU I			
Description: CRIMPING PLIER FOR FERRULES	Article: 055710	Description: ELECTRONIC COMPONENT SNIPS 125MM	Article: 071407 544
Combination pliers		Crimping pliers	
	For gripping, holding and cutting hard and soft wires and cables		Compact design
Anna Anna			
Description: COMBINATION PUERS 180MM	Article: 071401 555	Description: CRIMPING TOOL	Article: 0714107500
Crimping pliers QI 60		Crimping pliers, Qu 25	
	Crimping/wire stripping pliers Qi 60		Crimping/wire stripping pliers Qu 25
Description: RIMPING PLIER NON & INS TERMINALS	Article: 0714101111	Description: CRIMPING PLIER NON INS TERMINALS	Article: 0714101121
Circlip pliers, shape A		Circlip pliers, shape B	
	DIN 5254 shape A shaft circlips		DIN 5254 shape B shaft circlips
Description: IRCUP PUERS STR NOSE EXT 3-10MM	Article: 071402 11	Description: CIRCUP PUERS BENT NOSE EXT 3-10MM	Article: 071402 16
CIRCLIP PLIERS STR NOSE EXT 10-25MM CIRCLIP PLIERS STR NOSE EXT 19-60MM CIRCLIP PLIERS STR NOSE EXT 40-100MM	071402 12 071402 13 071402 14	CIRCUP PUERS BENT NOSE EXT 10-25MM CIRCUP PUERS BENT NOSE EXT 19-60MM 40-100MM EXT CIRC PUER 90DEG 210MM	071402 17 071402 18 071402 19



Circlip pliers, shape C		Circlip pliers, shape D	
	DIN 5256 shape C drill hole circlips		DIN 5256 shape D drill hole circlips
escription: CUP PUERS STR NOSE INT 1225MM CUP PUERS STR NOSE INT 1940MM	Article: 071402 02 071402 03	Description: CIRCUP PLIERS BENT NOSE INT 1225MM CIRCUP PLIERS BENT NOSE INT 1960MM	Article: 071402 07 071402 08
00MM INT CIRCUP PUER STR 225MM 40MM INT CIRCUP PUER STR 320MM	071402 04 071402 05	40-100MM INT CIRC PLIER 90DEG 210MM 85-140MM INT CIRC PLIER 90DEG 305MM	071402 09 071402 10
bow pipe wrench		Electronic side cutters, pointe	ed head
	With three-point support and self-locking fixing.		Small bevel
Pescription: LIEE PIPE WRENCH AW CORNER PIPE WRENCH 1/2IN LIEE PIPE WRENCH 3	Article: 071406 60 071406 61 071406 63	Description: Electronic snips blunt nose 115mm	Article: 071407 39
ectronic side cutters, round h	ead	Heavy-duty side cutters	
	Small bevel		For cutting piano wire, hard and soft wire
-		C NUTITI	
Pescription: ECTRONIC SNIPS ROUND NOSE 115MM	Article: 071407 36	Description: SIDE CUTTING PLERS 160MM	Article: 071401 552
leavy-duty side cutters, revers	ible	Locking pliers with semi-circu	lar jaws
	2 tools in one: Side cutters with connectible lever transmission		For clamping pipes and shafts



Locking pliers with straight jav	WS	Hose pinch-off pliers set	
	For clamping sheets and plates		Pinching pliers set 3 pcs
Description: ocking Pliers straight Jaw 250MM Pipe wrench with automatic jo	Article: 071409 10	Description: PINCH OFF PUER SET Pliers assortment 1	Article: 0714601931
	Pipe wrench, self-locking, Mastergrip	<b>n</b> nn	Set including combination pliers, stripping pliers, snipe nose pliers and heavy-duty side cutters
Pescription: PGRPONEHAND:225MM GGRPONEHAND:325MM PGRPONEHAND:AUTM:1457MM:3IN	Article: 071406 225 071406 335 071406 336	Description: ZEBRA PUERS SET (4PCS)	Article: 071401 560
Pliers assortment		Snipe nose pliers	
	Including combination pliers, water pump pliers, snipe nose pliers and heavy-duty side cutters	CONTRACTOR OF THE STORES	For gripping, holding and cutting soft and hard wires and cables
Description: SSORTMENT OF PLIERS (4PCS)	Article: 071401 565	Description: LONG NOSE PLIERS 210MM	Article: 071401 557
/DE electrical installation plie	ers, IEC 60900	Locking pliers set	
A STREET	3 tools in one set of pliers: For cutting, sheath stripping and stripping electrical cables		Includes high-quality tool roll
Description: /de 3.IN-1 electrical pliers	Article: 071401 588	Description: LOCKING PLIERS SET SPCS	Article: 071409 103



Water pump pliers		Water pump pliers	
	Box joint, 7x adjustable		Self-clamping water pump pliers with push button adjustment
ATER PUMP PUERS 7IN URTH WATER PUMP PUERS ATER PUMP PUERS 12IN	Article: 071402 75 071402 76 071402 77	Description: WATER PUMP PLIERS 250MM	Article: 071401 563
Vater pump pliers, self-a	djusting	Pliers	
	Self-adjusting water pump pliers with multiple engagement points		Circlip pliers for shaft circlip
	Article:	Description:	Article:
LF ADJ WATER PUMP PLIERS	071402 85	CIRCUP PUERS FOR SHAFTS	Article: 071502 20
Description: LF ADJ WATER PUMP PUERS Clamping grip pliers, C ty	071402 85		071502 20 For gripping, holding and cutting soft and
LF ADJ WATER PUMP PLIERS	071402 85 <b>pe, parallel</b> Long, tall clamping bracket with movable jaws	CIRCUP PUERS FOR SHAFTS	071502 20
LF ADJ WATER PUMP PUERS	071402 85 <b>pe, parallel</b> Long, tall clamping bracket with movable jaws	CIRCUP PUERS FOR SHAFTS	071502 20 For gripping, holding and cutting soft and
ELF ADJ WATER PUMP PUERS	pe, parallel Long, tall clamping bracket with movable jaws	CIRCUP PUERS FOR SHAFTS	For gripping, holding and cutting soft and hard wires and cables
RF ADJ WATER PUMP PUERS	pe, parallel Long, tall clamping bracket with movable jaws	CIRCUP PUERS FOR SHAFTS	OT 1502 20 For gripping, holding and cutting soft and hard wires and cables Article: 071501 575 Pliers assortment, double-dipped



#### Pliers, pincers and tweezers

Plier wrench		Side cutters DIN ISO 5749	
1910 - Dans	Pliers and wrench in one tool	e want	Side cutters DIN ISO 5749
Description: ADJUSTABLE SPANNER PLIERS PLIERS WRENCH (WS0-35MM) L180MM ADJUSTABLE PLIERS 400MM PLIERS WRENCH (WS6-27MM) L150MM ADJUSTABLE PLIERS 300MM	Article: 071502 50 071502 51 071502 514 071502 515 071502 52	Description: SIDE CUTTERS WURTH 180MM	Article: 071501 572
VDE combination pliers		VDE heavy-duty side cutters	
	For gripping, holding and cutting hard and soft wires and cables		For cutting piano wire, hard and soft wire
Description: ELECTRICAL COMBIN PLIERS WURTH 200MM	Article: 071501 83	Description: ELECTRICAL SIDE CUTTERS WURTH 180MM	Article: 071501 89
VDE snipe nose pliers with cu	ttina edae	Locking pliers with prism jaws	
	For gripping, holding and cutting soft and hard wires and cables		For a variety of clamping possibilities through combining straight and half-round jaw shapes
Description: ELECTRICAL L/NOSE PUERS WURTH 200MM LONG NOSE PUERS 45 DEGREE	Article: 071501 85 071501 86	Description: MOBILE VICE GRIP	Article: 071509 27

#### Hand tools



For insulated cable connectors

#### Pliers, pincers and tweezers

#### Water pump pliers



Self-clamping water pump pliers with push button adjustment



Crimping pliers with ratchet function



Description: ADJUSTABLE PLIERS 250MM WATER PUMP PLIERS COBRA 180MM WATER PUMP PLIERS COBRA 150MM WATER PUMP PLIERS COBRA 300MM WATER PUMP PLIERS COBRA 400MM WATERPUMP PLIERS 1/8"4" (10-120MM)

Description:	Article:	
RACHET CRIMPING PLIER INS TERM	9500500466	



#### Riveting technology

Hand-held rivet pliers		Hand-held rivet pliers	
	Manual riveting pliers for plastic blind rivet		For processing 2.4 mm, 3 mm and 4 mm diameter blind rivets in aluminium, copper, steel and stainless steel and 5 mm diameter blind rivets in aluminium
Description: IVET GUN FOR PLASTIC RIVETS	Article: 091525	Description: ZEBRA HAND RIVET GUN	Article: 091512
Rivet nut pliers		Threaded mandrel with chuck	
	Hand rivet tool with nozzle quick-change system for use with M3 to M8 rivet nuts (limitations in the M8 range)		Threaded mandrel rivet nut, small countersunk head
Description: IEBRA RIVET NUT HAND GUN	Article: 0917101	Description: MANDREL+NOSE PIECE M3 ZEBRA MANDREL+NOSE PIECE M3 ZEBRA MANDREL+NOSE PIECE M5 ZEBRA MANDREL+NOSE PIECE M5 ZEBRA	Article: 091713 091714 091715 091716
Thread mandrel		Hand-held riveting device	
	For all rivet nuts with round pan head and countersunk head of article prefix number 0948		Manual riveter without mandrel and sleeve
Description: A3 MANDREL FOR 00917 101 A4 MANDREL FOR 00917 101 A5 MANDREL FOR 00917 101	Article: 091794830 091794840 091794850	Description: Ratchet rivet Nut plier	Article: 0948900



#### <u>Riveting technology</u>

	-		
Nozzle		Chuck with lock nut	
	Thread mandrel with nozzle		Nozzle with jam nut for HES 412
<b>escription:</b> JZZLE FOR RIVET NUT M6	Article: 09489516	Description: M4 N0ZILE FOR 00949 904 M5 N0ZILE FOR 00949 905 M6 N0ZILE FOR 00949 906 M8 N0ZILE FOR 00949 910 M10 N0ZILE FOR 00949 910 M12 N0ZILE FOR 00949 912	Article: 0949919 0949920 0949921 0949922 0949923 0949924
nread mandrel	·	Threaded mandrel with chuo	k
	Thread mandrel ZEBRA		For hand rivet tool combination
			1
escription: NNDREL M4 NNDREL M5 NNDREL M6 NNDREL M10 NNDREL M10	Article: 0949904 0949905 0949906 0949908 0949910 0949912	Description: THREADED MANDREL WITH CHUCK M4 THREADED MANDREL WITH CHUCK M5 THREADED MANDREL WITH CHUCK M6 THREADED MANDREL WITH CHUCK M10	Article: 094998004 094998005 094998006 094998008 094998010
hreaded sleeve		Assortment of HES 412 hand	dheld setting pliers
	Threaded sleeve		Hand-held rivet setting pliers with quick- change system for use with M4 to M12 blind rivet nuts and bolts
<b>escription:</b> READED SLEEVE M5 READED SLEEVE M6 READED SLEEVE M8	Article: 0949915 0949916 0949918	Description: 16 PC RIVET NUT THREAD SETTER 4-12MM	Article: 5964094803
Aanual riveting pliers			
	Manual riveting pliers, others		
0			
Description:	Article:	—	
AZY TONG RIVETER (6.4MM MAX)	9500008765	I	



-component screwdriver set		Manager	
-component screwariver ser	With three slotted and two Phillips screwdrivers for automotive and metalworking businesses	Magazine screwdriver	Equipped with 12 bits
Description: uto & metal screwdriver set (spcs)	Article: 06139015	Description: MAGAZINE SCREWDRIVER WITH 12 BITS	Article: 06136002
Aini ratchet screwdriver		Precision screwdriver set TX	
	Bit strip (10 pieces) and PH2 bit		Ideal for all fine and delicate screws in electrical engineering and precision engineering
Description: /4" MINI RATCHET S/DRIVER + 11 BITS	Article: 061363050	Description: PRECISION SCREWDRIVER SET TORX	Article: 06134891
	•		00134091
Precision screwdriver set, slotte	ed and PH	Reversible blade	
	Ideal for all fine and delicate screws in electrical engineering and precision engineering		Reversible blade for multi reversible screwdriver
Description: RECISION SCREWDRIVER SET PH+SL	Article: 06134892	Description: REVERS PH1 & 4MM SLOTTED REVERS PH2 & 6MM SLOTTED REVERS PH2 & 6MM SLOTTED REVERS PH2 & P22 REVERS TX10 & TX15 REVERS TX20 & TX25 REVERS TX30 & TX40	Article: 06138011 06138012 06138021 06138032 06138041 06138042 06138043
Screwdriver with flexible shaft		PH screwdriver	
	Screwdriver for external hexagon flexible shaft		Screwdriver with one-piece hexagon blade/hex bolster made from tempered, impact-resistant material
Description: (EBRA S/DRIV FLEXIBLE SHAFT SW 6MM (EBRA S/DRIV FLEXIBLE SHAFT SW 7MM (EBRA S/DRIV FLEXIBLE SHAFT SW 10MM	Article: 061328606 061328607 061328608 061328610	Description: ZEBRA S/DRIV PHILLIPS PH2X100MM	Article: 06133222



H screwdriver		PH screwdriver	
	Screwdriver PH hexagon blade wrench adapter		Screwdriver PH round blade long
	•		
əscription:	Article:	Description:	Article:
RA S/DRIV PHILLIPS PH1X80MM RA S/DRIV PHILLIPS PH2X100MM RA S/DRIV PHILLIPS PH3X150MM	06134221 06134222 06134223	ZEBRA S/DRIV PHILLIPS LONG PH2X445MM	06132622
H screwdriver		Pozidriv screwdriver (PZ)	
	Screwdriver PH round blade short		Screwdriver PZ hexagon blade wrench adapter
M1 2322 1 G			
<b>escription:</b> RA S/DRIV PHILIPS PH2X25MM	Article: 06132522	Description: ZEBRA S/DRIV POZI PZ1XB0MM ZEBRA S/DRIV POZI PZ2X 100MM	Article: 06134231 06134232
crewdriver set		ZEBRA S/DRIV POZI PZ3X150MM Screwdriver set	06134233
	Screwdriver set for hexagon head		Screwdriver set hexagon blade wrench adapter wood
escription: EWDRIVER SET HEX SOCKET (6PCS)	Article: 06139366	Description: ZEBRA SCREWDRIVER SET WOOD (5PCS)	Article: 061394235
rewdriver set		Screwdriver set, circular blad	e
	Consists of 5 screwdrivers with one-piece hexagon blade/torque adjustment made from tempered, impact-resistant material and large striking cap		Screwdriver set, round blade, PH/slotted, pieces
escription:	Article:	Description:	Article:
ascription.		Description.	7 4 11 6 10 1



<u>Sciewanver range</u>			
Screwdriver set TX		TX screwdriver assortment with	hole
	Screwdriver set, TX, long design, 5 pieces		Screwdriver set, TX, with hole, 7 pieces
Description: TORX S/DRIVER SET LONG (SPCS)	Article: 06139645	Description: SCREWDRIVER TORX SET WITH HOLE	Article: 061393487
Slotted screwdriver		Slotted screwdriver	
	Screwdriver slotted hexagon blade		One-piece hexagon blade/hex bolster made of tempered, impact-resistant material
Description: ZEBRA S/DRIV SLOTTED 0.6X3.5X75MM	Article: 0613421035	Description: ZEBRA S/DRIV SLOTTED 1.0X5.5X100MM ZEBRA S/DRIV SLOTTED 1.2X7.0X125MM ZEBRA S/DRIV SLOTTED 1.6X9.0X150MM	Article: 0613321055 061332107 061332109
Slotted screwdriver		Slotted screwdriver	
	Screwdriver slotted hexagon blade wrench adapter		Screwdriver slotted round blade long
Description: ZEBRA S/DRIV SLOTTED 1.0X5.5X100MM ZEBRA S/DRIV SLOTTED 1.2X6.5X125MM ZEBRA S/DRIV SLOTTED 1.6X8.0X150MM ZEBRA S/DRIV SLOTTED 1.6X10.0X175MM	Article: 0613421055 061342105 061342108 061342110	Description: ZEBRA S/DRIV SLOTTED LONG 4X385MM	Article: 061326104
Slotted screwdriver		Screwdriver 1/4 inch tip	
	Screwdriver slotted round blade short		Screwdriver tip 1/4 inch
Description: ZEBRA S/DRIVE SLOTTED 0.8X4.0X25MM	Article: 061325105	Description: T-HANDLE RATCHET S/DRIVER + 11 BITS	Article: 061363060



1/4 inch screwdriver		T-handle hexagon socket bal	head set
	Screwdriver, 1/4 inch bit chuck		In sheet steel rack
Description: crewdriver:1/4" magnetic bit chuck	Article: 061343031	Description: T-HANDLE HEX SET WITH BALL END	Article: 06139136
T-handle socket wrench		T-handle hexagon socket wit	h hall hand
	T-handle screwdriver external hexagon long	T-nunule nexugon socker will	Side tip
Description: BAR SOCKET 6X125MM LONG BAR SOCKET 0X125MM LONG BAR SOCKET 10X125MM LONG BAR SOCKET 12X125MM LONG BAR SOCKET 12X125MM LONG BAR SOCKET 12X125MM LONG BAR SOCKET 10X300MM LONG BAR SOCKET 10X300MM LONG BAR SOCKET 12X300MM LONG BAR SOCKET 12X300MM LONG BAR SOCKET 12X300MM LONG BAR SOCKET 12X300MM LONG	Article: 061312006 061312010 061312011 061312012 061312012 061312013 061312210 061312210 061312211 061312212 061312214	Description: TBAR ALLEN KEY 5X150MM LONG TBAR ALLEN KEY 6X150MM LONG TBAR ALLEN KEY 8X150MM LONG	Article: 061313005 061313006 061313008
ſ-handle wrench, hexagon sc	<mark>cket</mark> T-handle screwdriver hexagon socket side tip	T-handle TX socket set	In sheet steel rack
Description: HANDLE WITH BALL END 2.5X150MM HANDLE WITH BALL END 3X150MM BAR ALLEN KEY 4X150MM LONG	Article: 0613132025 061313203 061313204	Description: T-HANDLE TORX SET	Article: 06139147
I-handle, TX with side tip		T-handle socket wrench set	
	TX socket		T-handle socket wrench set 5 pcs
Description: TORX TEAR TX10 X 100MM LONG TORX TEAR TX15 X 100MM LONG TORX TEAR TX20 X 200MM LONG TORX TEAR TX25 X 200MM LONG	Article: 061314010 061314015 061314020 061314025	<b>Description:</b> T-HANDLE SOCKET SET (SPCS)	Article: 061391205
CORX T-BAR TX27 X 200MM LONG CORX T-BAR TX30 X 200MM LONG CORX T-BAR TX40 X 200MM LONG CORX T-BAR TX40 X 200MM LONG CORX T-BAR TX45 X 200MM LONG	061314027 061314030 061314040 061314045		



VDE precision screwdriver assortment, slotted/PH		VDE screwdriver set slotted/PH		
	Consists of five slotted and two Phillips screwdrivers.		Extra-slim design.	
Description: VDE PRECISION SCREWDRIVER SET PH+SL	Article: 06134894	Description: Electrical s/driver set "slim" (vde)	Article: 0613963250	
VDE screwdriver set, slotted,	/PH recessed head	Allen key set, hexagon sock	cet	
	VDE set of screwdriver slotted/cross recess PH		In fibreglass-reinforced plastic housing.	
Description:	Article:	Description:	Article:	
ZEBRA S/DRIVER ELECTRICAL SET (VDE)	061396325	ALLEN KEY SET FOLD-UP TIPE 2.0-8MM ALLEN KEY SET WITH BALL HEAD 2.0-8MM	071531 70 071531 71	
Allen key folding set TX	In fibreglass-reinforced plastic housing	Allen key, hexagon socket v	Allen key hexagon socket with ball head	
Description: TORX SET FOLD-UP TYPE TX9-TX40 8PCS	Article: 071536 <i>7</i> 0	Description: Allen KEY WITH BALL HEAD 2.0MM ALEN KEY WITH BALL HEAD 2.5MM ALEN KEY WITH BALL HEAD 3.0MM ALEN KEY WITH BALL HEAD 4.0MM ALEN KEY WITH BALL HEAD 5.0MM ALEN KEY WITH BALL HEAD 5.0MM ALEN KEY WITH BALL HEAD 8.0MM ALEN KEY WITH BALL HEAD 10.0MM	Article: 071540 02 071540 025 071540 03 071540 04 071540 05 071540 06 071540 08 071540 10	
Allen key set		Allen key set		
	In plastic holder, short design		In plastic holder, long design	
Description:	Article:	Description:	Article:	
IMPERIAL ALLEN KEY SET 1/16"- 1/2"	0715311110	ALLEN KEY SET LONG 1.5-10MM (9PCS)	071531 120	

# Hand tools



Allen key set, hexagon socket		Allen key set, TX	
	Ball head, extra-long, in plastic holder with sliding function		With ball head, in plastic holder, short design
Description: Allen Key set with Ball Head	Article: 071540 100	Description: TORX SET WITH BALL END TX9-TX40 BPCS	Article: 071537 100
Screwdriver set		Screwdriver set, circular blade	
	Consists of 5 screwdrivers with one-piece hexagon blade/torque adjustment made from tempered, impact-resistant material and large striking cap		Screwdriver set, round blade, PH/slotted, 6 pieces
Description: scrDriv.set.PH/SL5PCS	Article: 598893225	Description: SCRDRIV-SET.PH/SLRDBLDE-6PCS	Article: 5988923261
VDE screwdriver set, slotted/PH	recessed head VDE set of screwdriver slotted/cross recess PH		
Description: scrdriv-vde-set-PH/SL-SPCS	Article: 598896325		



#### Shovels, Rakes, Mattocks

Dustpan		Frankfurt shovel	
	Robust metal dustpan		Frankfurt shovel
Description: DUST PAN 1280MM	Article: 0695943971	Description: FRANKFURT SHOVEL 270MM	Article: 0695943002
Holstein sand shovel		Shovel handle	
	Holstein sand shovel		Sawn to fibre orientation
Description:	Article:	Description:	Article:
HOLSTEIN SAND SHOVEL 250MM	0695943003	SHOVEL HANDLE 1300X40	0715735000



Socket wrench

/2" connection	1/2 inch connector	1/2 inch extension	1/2 inch extension
Description: DUCER 1/2" - 3/8"	Article: 0712138401	Description: 1/2" EXTENSION BAR 125MM LONG 1/2" EXTENSION BAR 250MM LONG	Article: 0712138105 0712138110
/2" multi-socket wrench		1/2 inch socket wrench inse	ert in the second s
	New multi-socket wrenches for five different drives!		1/2 inch socket wrench hexagon short
		ALE OF	
escription: 2" MULTI USE SOCKET 10MM	Article: 071213410	Description:	Article:
" MULTI USE SOCKET 11MM " MULTI USE SOCKET 11MM " MULTI USE SOCKET 12MM	071213411 071213412	1/2" SOCKET 11MM 1/2" SOCKET 11MM 1/2" SOCKET 12MM	0712131110 0712131111 0712131112
2" MULTI USE SOCKET 13MM 2" MULTI USE SOCKET 14MM	071213413 071213414	1/2" SOCKET 13MM 1/2" SOCKET 14MM	0712131113 0712131114
2" MULTI USE SOCKET 15MM 2" MULTI USE SOCKET 16MM	071213415 071213416 071213416	1/2" SOCKET 15MM 1/2" SOCKET 16MM	0712131115 0712131116 0712131117
2" MULTI USE SOCKET 17MM 2" MULTI USE SOCKET 18MM 2" MULTI USE SOCKET 19MM	071213417 071213418 071213419	1/2" SOCKET 17MM 1/2" SOCKET 18MM 1/2" SOCKET 19MM	0712131117 0712131118 0712131119
2" MULTI USE SOCKET 21MM 2" MULTI USE SOCKET 21MM 2" MULTI USE SOCKET 22MM	071213411 071213421 071213422	1/2" SOCKET 17MIM 1/2" SOCKET 24MM 1/2" SOCKET 27MM	07121311124 0712131127
2" MULTI USE SOCKET 24MM 2" MULTI USE SOCKET 26MM 2" MULTI USE SOCKET 26MM	071213424 071213426	1/2" SOCKET 27MM 1/2" SOCKET 30MM 1/2" SOCKET 32MM	0712131130 0712131132
2" MULTI USE SOCKET 28MM 2" MULTI USE SOCKET 30MM	071213428 071213430	1/2" SOCKET 36MM	0712131136
2" MULTI USE SOCKET 32MM	071213432	.   <u></u>	
/2 inch POWERDRIV® so	cket wrench insert	1/4 inch ball-head ratchet	
	1/2 inch socket wrench POWERDRIV metric bi-hexagon		Can be used like a conventional ratchet, a screwdriver or as a T-handle
escription:	Article:	Description:	Article:
escription: "TUBE SOCKET 12MM X 82MM	0712132112	Description: JOINT HEAD RATCHET 1/4 INCH - 145MM	O71201405
2" TUBE SOCKET 13MM X 82MM 2" TUBE SOCKET 14MM X 82MM	0712132113 0712132114 0712132115		
" TUBE SOCKET 15MM X 82MM " TUBE SOCKET 17MM X 82MM 2" TUBE SOCKET 19MM X 82MM	0712132115 0712132117 0712132119		
2" TUBE SOCKET 19MM X 82MM 2" TUBE SOCKET 22MM X 82MM 2" TUBE SOCKET 24MM X 82MM	0712132119 0712132122 0712132124		
2" TUBE SOCKET 27MM X 82MM 2" TUBE SOCKET 30MM X 82MM	0712132127 0712132130		
" TUBE SOCKET 32MM X 82MM	0712132132		

Socket wrench





1/4 inch ratchet		1/2 inch cardan joint	
rem	Lever reverse		Cardan joint 1/2 inch
Description:	Article:	Description:	Article:
BIT RATCHET 1/4"	071201402	1/2" SWIVELJOINT	0712138301
Breaker bar ½″		Maintenance set	
:2	Joint can be rotated through 180° and fixed in desired position, is therefore very well- suited to tightening powerfully in different positions.		Maintenance set for 1/2 inch ratchet with lever
Description: 1/2" POWER BAR ZEBRA	Article: 0712130102	Description: 1/2" REPAIR KIT FOR 00712 012 01	Article: 071200012
Maintenance set		Maintenance set	
	For 1/2 inch reversible ratchet with turntable		Maintenance set for ratchet 1/4 inch rotary disc
			0
Description: 1/2" REPAIR KIT for 00712 012 0	Article: 0712002	Description: 1/4" & 3/8" REPAIR KIT	Article: 0712001



### <u>Socket wrench</u>

Maintenance set		1/2 inch ratchet	
	Maintenance set for ratchet 1/4 inch with lever		Ratchet 1/2 inch with rotary disc reverse
		Conner Conner	
Description: EPAIR KIT FOR 1/4" ZEBRA RATCHET	Article: 071200014	Description: 1/2" REVERSABLE RATCHET 250MM LG	Article: 07120120
/4 inch ratchet		Reversible ratchet 1/4 inch	1
	Ratchet 1/4 inch rotary-disc reversal	O some contract	Ideal for tightening in tight spaces
<b>Description:</b> /4" REVERSABLE RATCHET	Article: 07120140	Description: RTCH-TWIST-HANDLE-1/4IN-135MM	Article: 071201406
eversible ratchet 3/8 in	ch	Repair set for 1/2 inch mu	lti-angle ratchet
C SAMA	Ratchet 3/8 inch, rotary-disc reversal	1.0 La	Repair set for joint bar 1/2 inch
	Article: 07120380	Description: REPAIR KIT FOR 00712 130 102	Article: 0712130100
/8" RATCHET 175MM	07120380		
/8" RATCHET 175MM Reversible ratchet 1/2 in	o7120380 ch Ideal for tightening in tight spaces	REPAIR KIT FOR 00712 130 102	
Description: //8" RATCHET 175MM Reversible ratchet 1/2 in	o7120380 ch Ideal for tightening in tight spaces	REPAIR KIT FOR 00712 130 102	0712130100



Socket wrench

JUCKEI WIEIICH			
1/4 inch extension		1/4 Inch multi-socket wrench set	
	1/4 inch extension		One socket for five different screw heads
Description: 1/4" EXTENSION BAR 50 MM LONG 1/4" EXTENSION BAR 100 MM LONG 1/4" EXTENSION BAR 150 MM LONG	Article: 0713118102 0713118104 0713118106	Description: 1/4" SOCKET SETS RAILS	Article: 07131130
1/4" multi-socket wrench insert		1/4" clamping strip	
	For the five most common screw head drives		1/4 inch terminal block
Description: 1/4" MULTI USE SOCKET 4MM 1/4" MULTI USE SOCKET 5MM 1/4" MULTI USE SOCKET 5MM 1/4" MULTI USE SOCKET 6MM 1/4" MULTI USE SOCKET 6MM 1/4" MULTI USE SOCKET 7MM 1/4" MULTI USE SOCKET 10MM 1/4" MULTI USE SOCKET 11MM 1/4" MULTI USE SOCKET 13MM 1/4" MULTI USE SOCKET 13MM 1/4" MULTI USE SOCKET 13MM	Article: 071311304 071311305 071311305 071311306 071311306 071311307 071311308 071311309 071311310 071311310 071311311 071311313 071311313	Description: 1/4" SOCKET HOLDER WALL BRACKET	Article: 071311101
3/8-inch socket wrench insert, m	netric	3/8" socket wrench	
	3/8 inch socket wrench metric hexangon long		3/8 inch socket wrench, bi-hex, multi profile
Description: 3/8' LONG SOCKET BMM 3/8' LONG SOCKET 10MM 3/8' LONG SOCKET 10MM 3/8' LONG SOCKET 11MM 3/8' LONG SOCKET 12MM 3/8' LONG SOCKET 14MM 3/8' LONG SOCKET 16MM	Article: 0713122108 0713122109 0713122110 0713122111 0713122112 0713122113 0713122114 0713122115 0713122116	Description: 3/8" MULTI USE SOCKET 6MM 3/8" MULTI USE SOCKET 6MM 3/8" MULTI USE SOCKET 7MM 3/8" MULTI USE SOCKET 7MM 3/8" MULTI USE SOCKET 1MM 3/8" MULTI USE SOCKET 12MM 3/8" MULTI USE SOCKET 14MM 3/8" MULTI USE SOCKET 14MM 3/8" MULTI USE SOCKET 14MM 3/8" MULTI USE SOCKET 17MM 3/8" MULTI USE SOCKET 20MM	Article: 071312306 071312307 071312307 071312309 071312309 071312310 071312312 071312312 071312314 071312314 071312317 071312317 071312317 071312319 071312320 071312321



3/8" clamping strip		3/8 inch extension	
	3/8 inch terminal block		3⁄8 inch extension
Description: 3/8" SOCKET HOLDER WALL BRACKET	Article: 071312101	Description: 3/8" extension bar 75mm long 3/8" extension bar 250mm long	Article: 0713128103 0713128110
1/4-inch cardan joint		Pass-through reversible ratchet	
C M C	Cardan joint 1/4 inch		Push-through ratchet
Description:	Article:	Description: PUSH THROUGH RATCHET L200MM	Article:
Pass-through ratchet assortment		1 inch power connector	
	Solution for narrow spaces due to very low overall height	The second	1 inch impact connector
Description: 1/2" GO THRU SOCKET SET (14PCS)	Article: 07131300	Description: 1° DOWN TO 3/4° IMPACT REDUCER	Article: 071415202



1-inch impact socket wrench	assortment	1-inch impact socket wrench i	nsert
	Hexagon, metric, short	z Bulliam.	1 inch impact socket ins, met, hex, shrt
Description: <sup>1*</sup> IMPACT SOCKETS	Article: 0714900600	Description: 1" IMPACT SOCKETS 24MM 1" IMPACT SOCKETS 27MM 1" IMPACT SOCKETS 30MM 1" IMPACT SOCKETS 30MM 1" IMPACT SOCKETS 30MM 1" IMPACT SOCKET 30MM 1" IMPACT SOCKET 30MM 1" IMPACT SOCKET 41MM 1" IMPACT SOCKET 41MM 1" IMPACT SOCKET 44MM IMPACT SOCKET 44MM IMPSKT-1IN-SHORT-WS50 IMPSKT-1IN-SHORT-WS55 IMPSKT-1IN-SHORT-WS55 IMPSKT-1IN-SHORT-WS70	Article: 071415 01 071415 02 071415 03 071415 04 071415 05 071415 38 071415 38 071415 46 071415 46 071415 55 071415 55 071415 65 071415 70
1-inch impact socket wrench	insert 1 inch impact socket wrench, met, hex, long	1" ratchet head	1 inch ratchet head
Description: IMPSKT-11N-LONG-WS24 IMPSKT-11N-LONG-WS27 IMPSKT-11N-LONG-WS30 IMPSKT-11N-LONG-WS33 IMPSKT-11N-LONG-WS36 IMPSKT-11N-LONG-WS38 IMPSKT-11N-LONG-WS41 IMPSKT-11N-LONG-WS55 IMPSKT-11N-LONG-WS55	Article: 071415124 071415127 071415130 071415133 071415133 071415136 071415138 071415141 071415155 071415165	Description: 1" RATCHET HEAD	Article: 07141100
1/2" power connector	1/2 inch impact connector	1/2 inch power extension	1/2 inch impact extension
Description: 1/2" UP TO 3/4" REDUCER IMPACT	Article: 071413 28	Description: 1/2" IMPACT EXTENSION BAR 75MM LONG 1/2" IMPACT EXTENSION BAR 150MM LONG	Article: 071413 22 071413 23



1/2 inch impact socket		1/2-inch impact socket wr	
	Delivered in a sturdy plastic box	191 191 191 191 191 191 191 191 191 191	Hex., metric, short with deep hexagon socket for e.g. wheel nuts.
Description: /2" MAG SOCKET SET	Article: 071413030	Description: 1/2" IMPACT SOCKET ASST (APCS)	Article: 071413 25
I/2-inch impact socket	wrench assortment	1/2 inch impact socket wi	rench insert
	Hexagon, metric, long		For gentle installation of light metal rims. Long version with colour code.
Pescription: 22' IMPACT SOCKET LONG 12PCS	Article: 0714900200	Description:	Article: 071413021
2 IMITACI SOCKEI LOING 12PC3	0714900200	IMPSNI-1/2014-DING-SLEV-SIZE21	0/1413021
1/2-inch impact socket	wrench insert	1/2 inch impact socket wi	rench insert
and and a second s	1/2 inch impact socket, met, hex, long	E BERTARY	1/2 inch impact socket, met, hex, short
Description: MPSKT-1/2IN-HEXLONGWS8 MPSKT-1/2IN-HEXLONGWS10 MPSKT-1/2IN-HEXLONGWS11 MPSKT-1/2IN-HEXLONGWS13 MPSKT-1/2IN-HEXLONGWS14 MPSKT-1/2IN-HEXLONGWS16 1/2" IMPACT TUBE SOCKET 17MM X 80MM	Article: 071413 125 071413 127 071413 128 071413 128 071413 130 071413 130 071413 141 071413 142 071413 15 071413 16	Description: 1/2" IMPACT SOCKET 10MM 1MPSKT-1/2IIN-HEX-SHORT/WS11 1/2" IMPACT SOCKET 12MM 1/2" IMPACT SOCKET 13MM 1/2" IMPACT SOCKET 13MM 1MPSKT-1/2IIN-HEX-SHORT-WS16 1/2" IMPACT SOCKET 17MM 1MPSKT-1/2IIN-HEX-SHORT-WS18 1/2" IMPACT SOCKET 19MM 1MPSKT-1/2IIN-HEX-SHORT-WS21 1/2" IMPACT SOCKET 12MM	Article: 071413 03 071413 031 071413 04 071413 05 071413 05 071413 05 071413 07 071413 07 071413 07 071413 081 071413 081 071413 09 071413 101



1/2-inch impact socket wrend	ch assortment	3/4 inch power cardan joint	
	Hexagon, metric, short	gamerica or Handrin B	3/4 inch heavy-duty cardan joint
Description: 1/2" IMPACT SOCKET SHORT 12PCS	Article: 0714900100	Description: 3/4" IMPACT SWIVELJOINT	Article: 0714148351
3/4 inch connector		3/4 inch power extension	
E WURKIN &	3/4 inch impact connector		3/4 inch impact extension
Description: 3/4" UP TO 1" REDUCER 3/4" DOWN TO 1/2" REDUCER	Article: 071414 19 071414 191	Description: 3/4" EXTENSION BAR 175MM LONG 3/4" EXTENSION BAR 250MM LONG	Article: 071414 17 071414 18
3/4-inch impact socket wrend	ch assortment	3/4-inch impact socket wrench	insert
	Hexagon, metric, short	e mueris 27	3/4 inch impact socket, met, hex, long
Description: 3/4" IMPACT SOCKETS	Article: 0714900500	Description: 3/4" IMPACT TUBE SOCKET 17MM 3/4" IMPACT TUBE SOCKET 19MM IMPSKT-3/4INLONG-WS21 3/4" IMPACT TUBE SOCKET 22MM 3/4" IMPACT TUBE SOCKET 22MM 3/4" IMPACT TUBE SOCKET 32MM 3/4" IMPACT TUBE SOCKET 32MM IMPSKT-3/4INLONG-WS33 IMPSKT-3/4INLONG-WS34 3/4" IMPACT TUBE SOCKET 36MM	Article: 071414 09 071414 10 071414 101 071414 11 071414 12 071414 13 071414 14 071414 15 071414 151 071414 152 071414 16



3/4-inch impact socket wrend	ch insert	3/8 inch impact connector	
WURTH 27 series s	3/4 inch impact socket, met, hex, short	WURTH LA CONTRACT	1/2-inch square drive and ball lock
		A A A A A A A A A A A A A A A A A A A	
Description:	Article:	Description:	Article:
4" IMPACT SOCKETS 17MM	071414 01	3/8"UP TO 1/2" REDUCER IMPACT	071412 09
PSKT-3/4IN-SHORT-WS18	071414 011 071414 02		
4" IMPACT SOCKETS 19MM PSKT-3/4IN-SHORT-WS21	071414 02		
IPSKT-3/4IN-SHORT-WS22	071414 03		
4" IMPACT SOCKETS 24MM	071414 04		
4" IMPACT SOCKETS 27MM	071414 05		
4" IMPACT SOCKETS 30MM 4" IMPACT SOCKETS 32MM	071414 06 071414 07		
APSKT-3/4IN-SHORT-WS33	071414 07		
MPSKT-3/4IN-SHORT-WS34	071414 072		
/4" IMPACT SOCKETS 36MM	071414 08		
/8 inch impact socket wrend	ch insert	1/2 inch power cardan joi	nt
	3/8 inch impact socket metric hexagonal short		Heavy-duty cardan joint 1/2 inch
E mai		E S	
E WURTH 13 13 13		ULBRA A	
HERRY CONTRACTOR	Article		Article
	Article:	Description:	Article:
/8" IMPACT SOCKET 8MM	071412 03 071412 04		Article: 0714138351
/8" IMPACT SOCKET 8MM /8" IMPACT SOCKET 10MM /8" IMPACT SOCKET 13MM	071412 03 071412 04 071412 06	Description:	
/8" IMPACT SOCKET 8MM /8" IMPACT SOCKET 10MM /8" IMPACT SOCKET 13MM /8" IMPACT SOCKET 17MM	071412 03 071412 04	Description:	
/8" IMPACT SOCKET 8MM /8" IMPACT SOCKET 10MM /8" IMPACT SOCKET 13MM /8" IMPACT SOCKET 17MM /8" IMPACT SOCKET 19MM	071412 03 071412 04 071412 06 071412 08	Description: 1/2" IMPACT SWIVELJOINT	
Состоятельствое и положение и полож Положение и положение и поло Положение и положение и поло	071412 03 071412 04 071412 06 071412 08	Description:	0714138351 For loosening and tightening screws and
'8" IMPACT SOCKET 8MM '8" IMPACT SOCKET 10MM '8" IMPACT SOCKET 13MM '8" IMPACT SOCKET 17MM '8" IMPACT SOCKET 19MM	071412 03 071412 04 071412 06 071412 08 071412 082	Description: 1/2" IMPACT SWIVELJOINT	0714138351
8" IMPACT SOCKET BMM 8" IMPACT SOCKET 10MM 8" IMPACT SOCKET 13MM 8" IMPACT SOCKET 17MM 8" IMPACT SOCKET 17MM <b>" slider bar</b>	071412 03 071412 04 071412 06 071412 08 071412 082	Description: 1/2" IMPACT SWIVELJOINT Universal socket	0714138351 For loosening and tightening screws and



Universal socket		1/2 inch angled extension	
	For loosening and tightening screws and nuts		1/2 inch angled extension
Description: 3/8" MULTI GRIP SOCKET	Article: 0714121907	Description: 1/2" ANGLED EXTENSION 75MM LONG 1/2" ANGLED EXTENSION 150MM LONG	Article: 071513 40 071513 41
1/2-inch impact socket wrend	ch assortment For TX socket screws, long	1/2-inch impact socket wrend	h insert 1/2 inch impact socket, int. hex, long
		OP UMARE UMARE	
Description: 1/2" IMPACT TORX SOCKET SET LONG BPC	Article: 0715900100	Description: 1/2" HEXAGON IMPACT SOCKET 5MM 1/2" HEXAGON IMPACT SOCKET 6MM 1/2" HEXAGON IMPACT SOCKET 0MM 1/2" HEXAGON IMPACT SOCKET 10MM 1/2" HEXAGON IMPACT SOCKET 14MM 1/2" HEXAGON IMPACT SOCKET 17MM 1/2" HEXAGON IMPACT SOCKET 17MM 1/2" HEXAGON IMPACT SOCKET 17MM	Article: 0715137605 0715137608 0715137610 0715137612 0715137612 0715137617 0715137619
1/2-inch impact socket wrend	ch insert	1/2-inch impact socket wrend	ch assortment
a wurn T45 T45	1/2 inch impact socket, int. TX long		For hexagon socket screws, metric, long
Description:           1/2" IMPACT SOCKET TORX 30           1/2" IMPACT SOCKET TORX 40           1/2" IMPACT SOCKET TORX 45           1/2" IMPACT SOCKET TORX 50           1/2" IMPACT SOCKET TORX 50           1/2" IMPACT SOCKET TORX 50           1/2" IMPACT SOCKET TORX 60           1/2" IMPACT SOCKET TORX 80	Article: 0715136130 0715136140 0715136145 0715136150 0715136150 0715136180 0715136180	Description: 1/2"IMPACT ALN/KEY SOCKET SET LONG 8	Article: 0715900200



1/2-inch socket wrench insert,		1/2 inch socket wrench insert, m	
No.	1/2 inch socket wrench external TX short	NA SET 20	1/2 inch socket wrench metric hexagon socket
Description: /2" EXTERNAL TORX SOCKET E10 /2" EXTERNAL TORX SOCKET E11 /2" EXTERNAL TORX SOCKET E12 /2" EXTERNAL TORX SOCKET E14 /2" EXTERNAL TORX SOCKET E18 /2" EXTERNAL TORX SOCKET E20 /2" EXTERNAL TORX SOCKET E24	Article: 071513210 071513211 071513212 071513214 071513216 071513218 071513220 071513220 071513224	Description: 1/2"ALLEN KEY SOCKET 5MM X 60MM LONG SOCKET WRENCH 1/2 INCH WS6-L60MM 1/2"ALLEN KEY SOCKET 6MM X 90MM LONG 1/2"ALLEN KEY SOCKET 7MM X 60MM LONG 1/2"ALLEN KEY SOCKET 9MM X 60MM LONG	Article: 0715137051 0715137060 0715137061 071513707 0715137081 071513709
1/2" socket wrench insert		1/2" socket wrench insert	
	1/2 inch socket wrench triple square long	XX	1/2 inch socket wrench triple square shor
Description: /2" mult/spu socket 8mm 100mm long /2" multi/spu socket 10mm 100mm lg	Article: 0715138081 0715138101	Description: 1/2" MULTI/SPU SOCKET 6MM 60MM LONG 1/2" MULTI/SPU SOCKET 12MM 60MM LG	Article: 071513806 071513812
1/2" socket wrench insert		1/2" socket wrench insert	
	1/2 inch socket wrench TX long		1/2 inch socket wrench TX short
Description: /2" TORX SOCKET TX40 120MM LONG	Article: 071513440	Description: 1/2" TORX SOCKET TX20 60MM LONG	Article: 071513320
/2" TORX SOCKET TX45 120MM LONG /2" TORX SOCKET TX55 140MM LONG	071513445 071513455	1/2" TORX SOCKET TX25         60MM LONG           1/2" TORX SOCKET TX27         60MM LONG           1/2" TORX SOCKET TX20         60MM LONG           1/2" TORX SOCKET TX40         60MM LONG           1/2" TORX SOCKET TX45         60MM LONG           1/2" TORX SOCKET TX50         60MM LONG	071513325 071513327 071513330 071513340 071513345 071513350 071513355 071513350



			rtment
	1/4 inch adapter with quick-change chuck		5-star with hole, with socket rail
			2
Description: DAPTER BIT 1/4*	Article: 071511 01	Description: 1/4" 5 STAR SOCKET SET WITH HOLE 7PC	Article: 0715113900
/4-inch socket wrench insert	t, TX head	3/4-inch ratchet	
	1/4 inch socket wrench external TX		3/4 inch ratchet
IK I		<b>ç</b>	•
Pescription: 4" EXTERNAL TORX SOCKET E5 4" EXTERNAL TORX SOCKET E5 4" EXTERNAL TORX SOCKET E7	Article: 071511205 071511206 071511207	Description: 3/4" ZEBRA RATCHET	Article: 071514101
(4° EXTERNAL TORX SOCKET E7 (4° EXTERNAL TORX SOCKET E8 (4° EXTERNAL TORX SOCKET E10	071511208 071511210		
3/8" socket wrench insert		3/8-inch socket wrench	
	3/8 inch socket wrench hexagon socket short		3/8 inch socket wrench TX
		35	
R R			
Description:	Article:	Description:	Article:
Pescription: B* TORK SOCKET TX7	Article: 071512707 071512709	Description:           3/8" TORX SOCKET TX25           3/8" TORX SOCKET TX25           3/8" TORX SOCKET TX27           3/8" TORX SOCKET TX27           3/8" TORX SOCKET TX27           3/8" TORX SOCKET TX20           3/8" TORX SOCKET TX20           3/8" TORX SOCKET TX20           3/8" TORX SOCKET TX20	Article: 071512315 071512320 071512325 071512327 071512330 071512340
ξX	071512707	3/8" TORX SOCKET TX15 3/8" TORX SOCKET TX20 3/8" TORX SOCKET TX25 3/8" TORX SOCKET TX27 3/8" TORX SOCKET TX27	071512315 071512320 071512325 071512327 071512330
Pescription: 8° TORX SOCKET TX9 8° TORX SOCKET TX9	071512707	3/8" TORX SOCKET TX15 3/8" TORX SOCKET TX20 3/8" TORX SOCKET TX25 3/8" TORX SOCKET TX27 3/8" TORX SOCKET TX20 3/8" TORX SOCKET TX40	071512315 071512320 071512325 071512327 071512330 071512340
Pescription: 8° TORX SOCKET TX9	071512707 071512709 3/8 inch angled extension	3/8" TORX SOCKET TX15 3/8" TORX SOCKET TX20 3/8" TORX SOCKET TX25 3/8" TORX SOCKET TX27 3/8" TORX SOCKET TX20 3/8" TORX SOCKET TX40	071512315 071512320 071512325 071512327 071512330 071512340 With compact extension adapters from 3, inch to 3/4 inch



# <u>Socket wrench</u>

		ssortment
Extendable up to max. 432mm via locking sleeve with latch		One tool for all jobs: Multi-socket wrench for 5 different drives
Article: 071513 92	Description: 1/2" MULTI SOCKET SET (23PCS)	Article: 096513 023
nent	1/2 inch socket wrench assort	nent
Bi-hex.		Hexagon, inch
Article: 096513 20	Description: 1/2" IMPERIAL HEX SOCKET SET (21PCS)	Article: 096513 21
nent	1/2 inch bit sockets	
	1	
35-piece 1/2-inch assortment for hexagonal nuts in short and long designs		For hexagon socket screws, professional quality ZEBRA® tool
nuts in short and long designs Article:	Description:	quality ZEBRA® tool Article: 096513 110
nuts in short and long designs Article: 096513 35	Description: 1/2" ALLEN KEY SOCKET SET (1 IPCS)	quality ZEBRA® tool Article: 096513 110
	Article: 071513 92 nent Bihex. Article: 096513 20	Article:   071513 92     Description:   1/2' MULTI SOCKET SET (23PCS)     Nent     Bihex.     Bihex.     Mincle:     02513 20     Mathicle:   02513 20     1/2' Inch socket wrench assorted as order as



<u>Socket wrench</u>

1/2 inch and 1/4 inch socket	wrenches	1/4 inch multi-socket wrench	assortment, mini
	Practical metal box for workshop applications and mobile use, robust design, professional-quality ZEBRA® tool		Compact special tool with bit ratchet, multi- socket wrench and adapter. The multi profile is suitable for the five most common screw head drives (hexagon metric, square metric, bi-hex metric, hexagon inch, external TX).
Description: 1/4" AND 1/2" SOCKET SET (59PCS)	Article: 096509059	Description: 1/4" MULTI SOCKET & BIT SET (23PCS)	Article: 096511 23
1/4 inch multi-socket wrench o	assortment	1/4 inch socket wrench assor	tment
	With bi-hex multi-profile socket wrench for the five most common screw head drives		The multi profile is suitable for the five most common screw head drives (hexagon metric, square metric, bi-hex metric, hexagon inch, external TX).
Description: 1/4" MULTI SOCKET SET (33PCS)	Article: 096511 032	Description: SKTWRNCH-SORT-1/4IN-MULTI-34PCS	Article: 096501434
1/4 inch socket wrench assort	ment	1/4 inch socket wrench assor	tment
	Socket wrench for TX screws, practical metal box for workshop applications and mobile use, robust design, professional-quality ZEBRA <sup>®</sup> tool		Practical metal box for workshop applications and mobile use, robust design with dust-protected ratchet, professional- quality ZEBRA <sup>®</sup> tool
Description: 1/4"TORX SOCKET SET (20PCS)	Article: 096511 180	Description: 1/4" HEX SOCKET SET METRIC (16PCS)	Article: 096511 16
1/4 inch socket wrench assort	ment	1/4-inch, 3/8-inch and 1/2-ir	nch sockets
	Very high-quality socket wrenches ensure long service lives		Socket wrench for TX screws in robust, practical plastic case for workshop applications and mobile use
Description: 1/4" HEX SOCKET & BIT SET (33PCS)	Article: 096511 32	Description: 1/4-3/8-1/2INCH WRENCH ASSORTMENT	Article: 096517 77

# Hand tools



#### Socket wrench

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#### 3/4 inch socket wrench assortment, bi-hexagon

Metric socket wrench, practical metal box for workshop applications and mobile use, robust design, professional-quality ZEBRA<SUP>@</SUP> tool

Combined adapter assortment with the most common socket wrench and bit adapters

#### 3/8-inch socket wrench set

**Description:** 

3/8" MULTI SOCKET SET (22PCS)



Practical metal box for workshop applications and mobile use, with multisocket wrenches, professional-quality ZEBRA<SUP>®</SUP> tool

Article:

096512 022

Description:

Article: 096514 150

#### Adapter assortment

3/4" BI-HEX SOCKET SET (15PCS)



Description: 8 PIECE ADAPTOR ASSORTMENT Article: 096512 80



#### Special tools for cars

Tyre iron		Release tool	
	Tyre iron for truck		For connectors and housings with locking lu
R T	2		
Description:	Article:	 Description:	Article:
YRE LEVER 600MM	0695326809	REMOVAL TOOL 1 NOTCH 0.63-1.6MM EJECTOR TOOL 1 NOTCH-LKS-{1575}-1.5	0713558201 0713558241
Universal release tool		Release tool	
	For releasing secondary locks		Release tool, con., sym. lock. lugs
Description: EJECTOR TOOL	Article: 0713558640	Description: EJECTOR 2 NOTCH MT11+111 1.6MM2 EJECTOR TOOL 2 NOTCH (JPT/SPT2.8-5.8 REMOVAL TOOL 2 NOTCH 1.5MM2 REMOVAL TOOL 2 NOTCH 2.8MM EJECTOR TOOL 2 NOTCH SLK(1578K-2)2.8 EJECTOR TOOL 2 NOTCH SLK(1578K-2)2.8	Article: 0713558311 0713558312 0713558321 0713558322 0713558342 0713558343
	]	1	
Release tool	Removal tool, con., asym. lock. lug	Brake calliper file	For removing brake dust, rust and dirt from
			brake calliper shaft
Description: EJECTOR TOOL 2 NOTCH 1557 2.8MM	Article: 0713558412	Description: BRAKE CALLIPER FILE	Article: 071461 79
Double flaring tool for trucks		Oil filter ratchet wrench	
	Double flaring tool, truck		For simple and rapid replacement of oil filte using ratchet principle
Description:	Article:	Description:	Article:
WURTH FLARING TOOL METRIC 4.75-10MM	071491 02	RATCHET OIL FILTER REMOVER	071457 14

## Hand tools



#### Special tools for cars Oil filter wrench Radiator bleeder With gear transmission For rapid filling of cooling system with coolant without air pockets Article: Article: **Description: Description:** OIL FILTER REMOVER SPIDER 071457 10 RADIATOR BLEEDER 071455 18 Vacuum brake bleeder set, 20 pcs Spring band clamp pliers Pliers with rotating clamping jaws and Inexpensive bleeder set for fast and simple locking mechanism brake fluid change. Article: Article: **Description: Description:** SPRING BAND CLAMP 0714577111 BRAKE BLEADER ASSORTMENT SET 20PCS 071455 200 /2 inch spark plug socket wrench insert 3/8 inch spark plug socket wrench insert 1/2 inch spark plug socket wrench insert 3/8 inch spark plug socket wrench insert, magnet WURTH WURTH Article: Article: **Description: Description:** 1/2" SPARK PLUG SOCKET 16MM 071551 47 3/8" SPARK PLUG SOCKET 16MM 071551 50 Brake caliper brush Digital tyre inflator Narrow steel wire brush with plastic handle Digital tyre inflator with easy-to-read LCD display Partage C Article: Article: **Description: Description:** BRAKE CALIPER BRUSH 071555 26 DIGITAL TYRE INFLATOR 071554 071 Shop engine crane Strap wrench



#### Special tools for cars

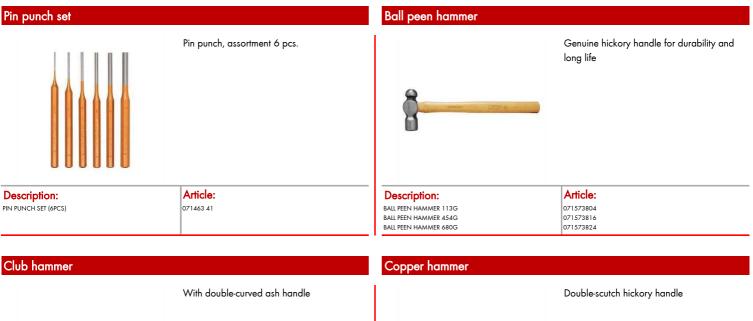
opecial loois for car	<u> </u>		
e e e	Foldable for easy storage		For rapid placement and opening of oil filter
Description: WORKSHOP CRANE 25/2080MM-1T FWK-1000 WRKSHPCRN-ST-25/2170MM-2T-{FWK-2000)	Article: 071585 023 071585 024	Description: STRAP WRENCH FOR OIL FILTER D200MM	Article: 071557 20
Tyre inflator with dial		Diagram card	
	Sturdy, functional tyre pressure pump approved for tachograph control		Recording compression tester, Motometer
		0	
Description:	Article:	Description:	Article:
TYRE INFLATOR (0.5-12BAR)-1/4IN	0715541070	MOTOMETER CARDS PETROL	0850404800
Cooling system tester with inflat	able sealing bladder	Sealing bladder	
	Universal application for pressure testing on radiator systems thanks to unique sealing system.		Sealing bladder for cooling system tester
Description: COUING SYSTEM TESTER SET COOLING SYSTEM TESTER	Article: 085352 0853522	Description: REPLACEMENT BLADDER FOR 00853 52	Article: 0853521

## Hand tools

#### Striking tools



ridi chisei			
27 W 1276 Prantacognoscom	Flat chisel		Pin punch DIN 6450, shape C
Description:	Article:	Description:	Article:
FLAT CHISEL 16MM	071463 01	PIN PUNCH 2MM X 150MM LONG PIN PUNCH 3MM X 150MM LONG PIN PUNCH 3MM X 150MM LONG PIN PUNCH 3MM X 150MM LONG IMPACT TOOL PIN PUNCH 6MM 150MM PIN PUNCH 8MM X 150MM LONG	071463 25 071463 27 071463 28 071463 29 071463 30 071463 31





Description:	Article:	Des
CLUB HAMMER 2KG	0715732200	COPPI





escription:	Article:
PER HAMMER 1KG	0715733100





Striking tools

Machinist's hammer		Bevelled-edge chisel set	
	Double scutch ash handle		2-component handle for maximum resistance in line with DIN.
Description: MACHINISTS HAMMER 300G	Article: 071573130	Description: CHISEL BEVELLED EDGE SET 10-30MM 6PC	Article: 0715653400
Bevelled-edge chisel assortme	With high-quality, polished and clear- varnished chromium-vanadium blades and wooden handle.	Long handle	Handle for bumping hammer
Description: FIRMER CHISEL ASSORTMENT 6 PCS	Article: 0715653001	Description: HICKORY HANDLE FOR 00715 74 30	Article: 071574 35
Roofer's hammer		Claw hammer	
	Roofing hammer German type DIN 7239 magnetic		One pieced forged claw hammer
Description: ROOFING HAMMER MAGNETIC NAIL HOLD	Article: 071573302	Description: CLAW HAMMER	Article: 0715733116
Rubber hammer, shape A		Simplex soft face hammer	
	Rubber hammer type A		Simplex soft face hammer
Description: RUBBER HAMMER Dó5mm	Article: 071573408	Description: SIMPLEX SOFT FACE HAMMER DIA 50MM	Article: 071572 30
Wooden mallet, shape B		l	
	Wooden mallet, DIN 7465, type B		
Description: WOOD HAMMER	Article: 071573402	-	

# Hand tools

#### Stripping tools

#### Wire stripping pliers AS 61



Description: WIRE STRIPPING TONGS 0.5-4.0MM Article: 0714109006

Automatic gauging system, no adjustment to

cable cross-section is necessary





### Thread repair and reinforcement

Self-tapping thread insert		Self-tapping thread insert with	cutting slot
0	SA type		Saves time during thread repair and threa reinforcement
Description: THRINRT:SLFCUT-(A2C)-M20	Article: 0660302200	Description: SEUF CUT INSERT THICK LAYER PASS M3 SEUF CUT INSERT THICK-LAYER PASS M4 SEUF CUT INSERT THICK-LAYER PASS M5 SEUF CUT INSERT THICK-LAYER PASS M6 SEUF CUT INSERT THICK-LAYER PASS M8 SEUF CUT INSERT THICK-LAYER PASS M8 SEUF CUT INSERT MICK-L25 THICK WALL SEUF CUT INSERT MEXL-25 THICK WALL SEUF CUT INSERT MIX1-25 THICK WALL SEUF CUT INSERT M1X1-25 THICK WALL SEUF CUT INSERT M1X1-25 THICK WALL SEUF CUT INSERT M1X1-25 THICK WALL SEUF CUT INSERT M1X1-5 THICK WALL SEUF CUT INSERT THICK-LAYER-PASS M10 SEUF CUT INSERT THICK-LAYER-PASS M12 SEUF CUT INSERT THICK-LAYER PASS M14 SEUF CUT INSERT THICK-LAYER PASS M16 THRINRT-SUFCUT-[DSP]-M20	Article: 0660301030 0660301040 0660301050 0660301060 0660301061 0660301090 0660301090 0660301092 0660301093 0660301095 0660301095 0660301097 0660301120 0660301140 0660301160 0660301200
TIME-SERT® screw-in tool		Seat cutter	
	Insertion tool Time-Sert		Seat cutter for spark plug thread
Description: TIME SERT INSERTING TOOL (M12) TIME SERT INSERTING TOOL (M14) TIME SERT INSERTING TOOL (M10X1.5) TIME SERT INSERTING TOOL (M10X1.25) TIME SERT INSERTING TOOL (M12X1.5) TIME SERT INSERTING TOOL (M12X1.75) TIME SERT INSERTING TOOL (M12X1.75) TIME SERT INSERTING TOOL (M12X1.75) TIME SERT INSERTING TOOL (M12X1.75) TIME SERT INSERTING TOOL (M5X1.0) TIME SERT INSTAL TOOL (M5X1.25)	Article: 0661012152 0661014252 066110153 066110253 0661103 066112153 0661121753 066114154 0661503 0661613 066181253	Description: TIME SERT REAMER (M14)	Article: 0661014251
TIME-SERT® seat cutter		Time-Sert® thread repair set, c	oil drain plug thread M14x1.5
	Seat cutter Time-Sert		Thrd repair, oil drn plug thrd M14 x 1.5 Time-Sert
Description: TIME SERT REAMER (M10) TIME SERT REAMER (M12X1.5) TIME SERT REAMER (M12X1.75) TIME SERT REAMER (M5X1.0) TIME SERT REAMER (M6X1.0) TIME SERT REAMER (M8X1.0)	Article: 0661102 066112152 06615082 06615082 0661612 0661812	Description: TIME SERT KIT SUMP PLUG M14X1.5	Article: 06611415



#### Thread repair and reinforcement

Thread cutter for TIME-SERT®		Thread repair single set TIME-	SERT®
N/211,25	Thread cutter for Time-Sert		For metric threads with bushings and tools
Description: TIME SERT TAP (M 12 KIT) TIME SERT TAP (M 10X1 KIT) TIME SERT TAP (M 10X1.25) TIME SERT TAP (M 10X1.5) TIME SERT TAP (M 12X1.5) TIME SERT TAP (M 12X1.5 TIME SERT TAP M 14X1.5 TIME SERT TAP (M 45X0.80) TIME SERT TAP (M 45X0.80) TIME SERT TAP (M 45X0.0) TIME SERT TAP (M 45X1.0) TIME SERT TAP (M 45X1.0) TIME SERT TAP (M 45X1.25)	Article: 0661012150 0661101 0661101251 066112151 066112151 066112151 066116151 066116151 0661611 0661811 066181251	Description: TIME SERT KIT M10X1 TIME SERT KIT M10X1.25 TIME SERT KIT M10X1.50 TIME SERT KIT M12X1.50 TIME SERT KIT M12X1.75 TIME SERT KIT M14X1.5 TIME SERT KIT M16X2 TIME SERT KIT M5X0.80 TIME SERT KIT M6X1.0 TIME SERT KIT M5X1.0 TIME SERT KIT STD/JAP FINE M8X1.25	Article: 066110125 066110125 066112175 066112175 066114159 06611615 06615 06615 06616 06618 06618125
Time-Sert® drill bit		TIME-SERT® spark plug thread	d repair set, M12 x 1.25
	Special drill for drilling out the remnants of broken screw threads		For flat seal
Description: TIME SERT DRILL (M 10X1.25) TIME SERT DRILL (M 10X1.5) TIME SERT DRILL (M 12X1.75) TIME SERT DRILL (M 12X1.75) TIME SERT DRILL (M 5X0.80) TIME SERT DRILL (M 6X1.0) TIME SERT DRILL (M 6X1.0) TIME SERT DRILL (M 8X1.25)	Article: 0661101250 066110150 066112150 0661121750 06615080 0661610 0661810 066181250	Description: TIME SERT KIT M12X1.25	Article: 0661012125
TIME-SERT® spark plug thread r	epair set. M14 x 1.25	TIME-SERT® screw tap	'
	Assortment without bushings - can be individually filled		Time-Sert metric screw tap
Description: TIME SERT KIT M14X1.25	Article: 0661014125	Description: TIME SERT TAP (M14X1.25)	Article: 0661014250

# Hand tools



Thread repair and reinforcement

	For flat or conical sealing seat		For the repair of spark plug threads M14 x1.25, if repair with TIME-SERT is no longe possible.
Description: S SPARKPLUG INSERT M 12X1.25X79MM LG S SPARKPLUG INSERT M 12X1.25X7MM LG S SPARKPLUG INSERT M 14X1.25X7MM LG S SPARKPLUG INSERT M 14X1.25X9.4MM S SPARKPLUG INSERT M 14X1.25X11MM LG S SPARKPLUG INSERT M 14X1.25X15MM LG S SPARKPLUG INSERT M 14X1.25X16.8MM	Article: 0662121250 0662121251 0662141250 0662141251 0662141252 0662141253 0662141254 0662141255	Description: BIG SERT INSERT (COPPER) 16.8MM LG	Article: 06631807
TIME-SERT® threaded bushing		TIME-SERT® thread repair s	et
	For repairing defective threads.		Complete set for repairing defective thread M6, M8, M10.
Description: IIME SERT INSERT M10X1X15MM LG IIME SERT INSERT M10X1X6.2MM LG IIME SERT INSERT M10X1.25X15MM LG IIME SERT INSERT M10X1.25X20MM LG IIME SERT INSERT M10X1.5X14MM LG IIME SERT INSERT M10X1.5X14MM LG IIME SERT INSERT M10X1.5X14.5MM LG IIME SERT INSERT M12X1.5X16.2MM LG IIME SERT INSERT M14X1.5X12.8MM LG IIME SERT INSERT M14X1.5X12.8MM LG IIME SERT INSERT M14X1.5X26MM LG IIME SERT INSERT M45X0.7X6.0MM LG IIME SERT INSERT M45X0.X76.0MM LG IIME SERT INSERT M5X0.8X1.0X1.0MM LG IIME SERT INSERT M5X1.0X1.2X1.0MM LG IIME SERT INSERT M4X1.0X1.2X11.7MM LG IIME SERT INSERT M4X1.75X1.5X11.7MM LG IIME SERT INSERT M4X1.25X11.7MM LG	Article: 066310150 0663101251 0663101252 0663101252 0663101520 0663121516 0663121516 0663121573 0663121751 0663141512 0663141516 0663141526 0663141526 0663181524 0663181524 0663181524 0663181524 0663181524 0663181524 0663181527 06634 60 06635 76 06635 76 06636 120 06635 74 06637 140 06638 117 0663812511 0663812511 0663812516	Description: TIMESERT KIT M6/M8/M10	Article: 09649616

#### TIME-SERT® thread repair assortment



For perfect thread repair and strengthening in steel, light metals, non-ferrous base metals, cast metals and hard plastics.

#### TIME-SERT® spark plug thread repair assortment



For replacing M14  $\times$  1.25 spark plug threads with flat sealing seat

Description: TIME SERT KIT M5/M6/M8/M10/M12 Article:

Description: TIME SERT SPARKPLUG KIT M14X1.25MM

# Hand tools



#### Twist extractors

Guide sleeve assortment		Pin with nut	
11111	Guide sleeve for boring set assortment	D1	Pin with nut
Description: BROKEN STUD REMOVER GUIDE 3.2MM	Article: 0690141801	Description: BROKEN STUD REMOVER PIN+NUT 3.2MM BROKEN STUD REMOVER PIN+NUT 4.8MM BROKEN STUD REMOVER PIN+NUT 6.4MM BROKEN STUD REMOVER PIN+NUT 8.7MM	Article: 06901411 06901412 06901413 06901414 06901415
Stud extractor assortment		Stud extractor	
	For driving in and extracting stud bolts with and without threads in seconds.		For driving in and extracting stud bolts with and without threads in seconds
Description:	Article:	Description:	Article:
STUD EXTRACTOR SOCKET SET (6-12MM)	06904211	STUD EXTRACTOR SOCKET 8MM	06904108
	For broken screws and bolts from 6-16mm or 1/4-5/8inch		For removing snapped off screws or stud bolts.
Description: BROKEN STUD/BOLT EXTRACTOR M6-16	Article: 069014	Description: SCREW EXTRACTOR ASSORT (M3-M18)	Article: 0695684353



#### <u>Wrenches</u>

Combination wrench assortment		Combination wrench assortmen	
0	Combination wrench assortment bag 27 pieces	CUUUUUUUU	Combination wrench assortment inch 12 pieces
Description: OMBIWRNCH-SORT-BAG{WS5,5-32}-27PCS	Article: 0713301054	Description:	Atticle: 071330341
Combination wrench assortment	t short time	Combination wrench, short type	
	, stort type Metric DIN 3113A/ISO 3318/7738		Metric DIN 3113A/ISO 3318/7738
Description: IBRA COMBI SPANNER SET 6 - 22MM IBRA COMBI SPANNER SET 5 - 34MM	Article: 071330141 071330142	Description: ZEBRA COMBINATION SPANNER 5.5MM ZEBRA COMBINATION SPANNER 6MM ZEBRA COMBINATION SPANNER 7MM ZEBRA COMBINATION SPANNER 7MM ZEBRA COMBINATION SPANNER 10MM ZEBRA COMBINATION SPANNER 10MM ZEBRA COMBINATION SPANNER 11MM ZEBRA COMBINATION SPANNER 13MM ZEBRA COMBINATION SPANNER 13MM ZEBRA COMBINATION SPANNER 13MM ZEBRA COMBINATION SPANNER 13MM ZEBRA COMBINATION SPANNER 15MM ZEBRA COMBINATION SPANNER 12MM ZEBRA COMBINATION SPANNER 12MM ZEBRA COMBINATION SPANNER 21MM ZEBRA COMBINATION SPANNER 21MM ZEBRA COMBINATION SPANNER 21MM ZEBRA COMBINATION SPANNER 23MM ZEBRA COMBINATION SPANNER 23MM ZEBRA COMBINATION SPANNER 25MM ZEBRA COMBINATION SPANNER 25MM	Article: 0713301055 071330106 071330107 071330109 071330110 071330112 071330112 071330114 071330115 071330115 071330116 071330117 071330119 071330120 071330121 071330122 071330123 071330124 071330125 071330125 071330125 071330127 071330129 071330129 071330130 071330130 071330132
ouble ring wrench	TX, straight	Double-jointed socket wrench	Double jointed socket wrench POWERDR
0		1.2. (Helk, Space, Weaker, 4)	
DUBLE ENDED TORX E10 & E12 DUBLE ENDED TORX E10 & E12 DUBLE ENDED TORX E14 & E18 DUBLE ENDED TORX E22 & E24 DUBLE ENDED TORX E6 & E8	Article: 0714221012 0714221418 0714222024 07142268	Description: DOUBLE SOCKET SPANNER 8 X 9MM DOUBLE SOCKET SPANNER 10 X 11MM DOUBLE SOCKET SPANNER 12 X 13MM DOUBLE SOCKET SPANNER 14 X 15MM DOUBLE SOCKET SPANNER 16 X 18MM DOUBLE SOCKET SPANNER 17 X 19MM	Article: 0714244089 0714244101 071424123 071424123 071424145 0714244168 0714244179



#### <u>Wrenches</u>

Aulti-ratchet combination wre		Multi ratchet combination w	
	Multiple profile suitable for five most common screw head drives! Hexagon metric, square metric, bi-hex metric, hexagon inch, TX head.		With the most common sizes. More free space for fingers or for negotiating obstacle owing to 15° angle of box wrench.
Description: ULTI RATCHET COMBI 8MM ULTI RATCHET COMBI 9MM	Article: 071425608 071425609	Description: MULTI COMBINATION RATCHET SET (6PCS)	Article: 071425650
ULTI RATCHET COMBI 10MM ULTI RATCHET COMBI 11MM ULTI RATCHET COMBI 12MM ULTI RATCHET COMBI 13MM ULTI RATCHET COMBI 14MM ULTI RATCHET COMBI 15MM ULTI RATCHET COMBI 15MM ULTI RATCHET COMBI 17MM ULTI RATCHET COMBI 18MM ULTI RATCHET COMBI 19MM	071425610 071425611 071425612 071425613 071425614 071425615 071425616 071425616 071425617 071425618 071425619		
Aetric double-end flare-nut w	rrench	Double open end ring wrend	h, hexagon
	Open shape, professional quality ZEBRA® tool		Metric, open, union nut wrench
		9C	
Description:	Article:	Description:	Article:
AKE NUT RING SPANNER 14 X 17MM AKE NUT RING SPANNER 16 X 18MM AKE NUT RING SPANNER 17 X 19MM	0714240147 0714240168 0714240179	BRAKE NUT RING SPANNER 8 X 10MM BRAKE NUT RING SPANNER 12 X 14MM	0714240080 0714240124
atchet comb. wrench, flexib	le, assortment	Ratchet combination wrench	assortment, double-ended
200 BP	In practical key holder, 9 pcs		Innovative wrenches with ratchet function both on the socket end and the open end.
Description: CHCOMBIWRNCH-SORT-FLEXIBLE-9PCS	Article: 071426352	Description: RATCHET SPANNER SET (6PCS)	Article: 071425950
atchet combination wrench	set	Ratchet comb. wrench, flexib	le, assortment
	Flexible ratchet head provides more space for fingers or for negotiating obstacles.	_	In practical key holder, 6 pcs
			9

# Hand tools

# 븢 WüRTH

### <u>Wrenches</u>

Ratchet combination wrench se		Metric ratchet combination wrei	
	In practical wrench holder, 6 pcs	)(·)O	ZEBRA® professional quality tool
Description: tchcombiwrnch.sort-(wsb-19)-6pcs	Article: 071425850	Description: RATCHET COMBINATION WRENCH 8MM RATCHET COMBINATION WRENCH 10MM RATCHET COMBINATION WRENCH 12MM RATCHET COMBINATION WRENCH 17MM RATCHET COMBINATION WRENCH 17MM	Article: 071426308 071426310 071426312 071426313 071426317 071426319
Ratchet combination wrench, m	netric, straight	Metric ratcheting double box-er	nd wrench
	Ratchet combination wrench metric, straight		Straight, slim shape, ZEBRA® professional- quality tool
10			
Description: COMBINATION RATCHET SPANNER BMM COMBINATION RATCHET SPANNER 10MM COMBINATION RATCHET SPANNER 12MM COMBINATION RATCHET SPANNER 13MM COMBINATION RATCHET SPANNER 11MM COMBINATION RATCHET SPANNER 17MM	Article: 071425108 071425110 071425112 071425113 071425114 071425117 071425117	Description: DOUBLE RING RATCHET SPANNER SET(3PCS	Article: 071425730
Ratchet double ring assortment		Double ring wrench	
	For external TX		Metric obstruction wrench
		000	
Description: Orx double ratchet wrench set (4PCs	Article: 0714254100	Description: CURVED DOUBLE RING SPANNER 11 X 13MM CURVED DOUBLE RING SPANNER 13 X 17MM CURVED DOUBLE RING SPANNER 14 X 17MM CURVED DOUBLE RING SPANNER 19 X 22MM	Article: 071523 17 071523 19 071523 20 071523 21
Adjustable open-end wrench			
	Single open-end wrench adjustable		
Torstand Parallel			

 Description:
 Article:

 SHIFTING SPANNER MAX 13.0MM X 110MM
 071522104

 SHIFTING SPANNER MAX 34.0MM X 310MM
 071522112



# HOSES, COUPLINGS HOSE CLAMPS



# <u>Hoses, couplings, hose clamps</u>



Hose clamp A4

#### Hose clamps and other clamp types

#### W1 W1 joint bolt clamp



For hoses with a high level of hardness or inserts made of metal or plastic



Hose clamp A4

Description:
SWIVEL JOINT CLAMP 19-21
SWIVEL JOINT CLAMP 23-25
SWIVEL JOINT CLAMP 25-27
SWIVEL JOINT CLAMP 29-31
SWIVEL JOINT CLAMP 31-34
SWIVEL JOINT CLAMP 34-37
SWIVEL JOINT CLAMP 40-43
SWIVEL JOINT CLAMP 43-47
SWIVEL JOINT CLAMP 47-51
SWIVEL JOINT CLAMP 51-55
SWIVEL JOINT CLAMP 55-59
SWIVEL JOINT CLAMP 59-63
SWIVEL JOINT CLAMP 63-68
SWIVEL JOINT CLAMP 68-73
SWIVEL JOINT CLAMP 73-79
SWIVEL JOINT CLAMP 79-85

Article:
0537118020
0537118024
0537118026
0537118030
0537118033
0537118036
0537118042
0537120045
0537120049
0537120053
0537120057
0537120061
0537120066
0537125071
0537125076
0537125082
0537125088
0537125094
0537125101
0537125108
0537125117

Description:	Article:
A4 S/S HOSE CLAMPS 8 -16MM	053800816
A4 STAINLESS HOSE CLAMP 12-22MM	053801222
A4 STAINLESS HOSE CLAMP 16-27MM	053801627
HOSECLMP-A4-DIN3017-W5-W9MM-WS7-(20-32)	053802032
A4 STAINLESS HOSE CLAMP 25-40MM	053802540
A4 STAINLESS HOSE CLAMP 32-50MM	053803250
A4 STAINLESS HOSE CLAMP 40-60MM	053804060
A4 STAINLESS HOSE CLAMP 100-120MM	0538100120
A4 STAINLESS HOSE CLAMP 110-130MM	0538110130
A4 STAINLESS HOSE CLAMP 120-140MM	0538120140
A4 STAINLESS HOSE CLAMP 130-150MM	0538130150
A4 STAINLESS HOSE CLAMP 16-27MM	053816 27
A4 STAINLESS HOSE CLAMP 20-32MM	053820 32
A4 STAINLESS HOSE CLAMP 25-40MM	053825 40
A4 STAINLESS HOSE CLAMP 35-50MM	053835 50
A4 STAINLESS HOSE CLAMP 40-60MM	053840 60
A4 STAINLESS HOSE CLAMP 50-70MM	053850 70
A4 STAINLESS HOSE CLAMP 60-80MM	053860 80
A4 STAINLESS HOSE CLAMP 70-90MM	053870 90
A4 STAINLESS HOSE CLAMP 80-100MM	053880 100
A4 STAINLESS HOSE CLAMP 90-110MM	053890 110

Hose clamp

SWIVEL JOINT CLAMP 85-91 SWIVEL JOINT CLAMP 91-97 SWIVEL JOINT CLAMP 91-104 SWIVEL JOINT CLAMP 104-112

SWIVEL JOINT CLAMP 112-121



#### Description: 10 10 001111 0117

ZEBRA HOSE CLAMP 12-20MM SW /	
ZEBRA HOSE CLAMP 16-25MM SW 7	
ZEBRA HOSE CLAMP 20-32MM SW 7	
ZEBRA HOSE CLAMP 25-40MM SW 7	
ZEBRA HOSE CLAMP 32-50MM SW 7	
ZEBRA HOSE CLAMP 40-60MM SW 7	
ZEBRA HOSE CLAMP 50-70MM SW 7	
ZEBRA HOSE CLAMP 60-80MM SW 7	
ZEBRA HOSE CLAMP 70-90MM SW 7	
ZEBRA HOSE CLAMP 8-16MM SW 7	
ZEBRA HOSE CLAMP 8-12MM SW 6	

# Article: 053911222 053911627

Hose clamp

#### Mounting board for hose clamp set



Description: HOSE CLAMP STAND EMPTY

Article: 0539120100

Hose clamp board printed, with screwdriver

#### Hoses, couplings, hose clamps



#### Hose clamps and other clamp types

#### 1-ear clamp with insert ring



Low overall height for connections in the tightest of spaces

#### Pipe and fastening clamp Multifix

The fastening clamp with rubber profile



#### Description:

ONE EAR CLAMP 5.5-6.6MM ONE EAR CLAMP 6.4-7MM ONE EAR CLAMP 6.4-8MM ONE EAR CLAMP 7.4-9MM ONE EAR CLAMP 7.4-10MM ONE EAR CLAMP 7.4-12.3MM ONE EAR CLAMP 8.2-13.8MM ONE EAR CLAMP 8.2-14.5MM ONE EAR CLAMP 8.2-17.5MM

Hose clamp

Description:

# 10MM DIA X 12MM WIDE NORMAPIPE CLAMP 10MM DIA X 15MM WIDE NORMAPIPE CLAMP

Description:

TOWN DIA X TOWN WIDE HORMANIE COAM	03421013
12MM DIA X 12MM WIDE NORMAPIPE CLAMP	054212 12
12MM DIA X 15MM WIDE NORMAPIPE CLAMP	054212 15
15MM DIA X 12MM WIDE NORMAPIPE CLAMP	054215 12
15MM DIA X 15MM WIDE NORMAPIPE CLAMP	054215 15
15MM DIA X 20MM WIDE NORMAPIPE CLAMP	054215 20
18MM DIA X 15MM WIDE NORMAPIPE CLAMP	054218 15
20MM DIA X 15MM WIDE NORMAPIPE CLAMP	054220 15
20MM DIA X 20MM WIDE NORMAPIPE CLAMP	054220 20
22MM DIA X 15MM WIDE NORMAPIPE CLAMP	054222 15
25MM DIA X 15MM WIDE NORMAPIPE CLAMP	054225 15
25MM DIA X 20MM WIDE NORMAPIPE CLAMP	054225 20
30MM DIA X 15MM WIDE NORMAPIPE CLAMP	054230 15
30MM DIA X 20MM WIDE NORMAPIPE CLAMP	054230 20
35MM DIA X 15MM WIDE NORMAPIPE CLAMP	054235 15
40MM DIA X 20MM WIDE NORMAPIPE CLAMP	054240 20
50MM DIA X 15MM WIDE NORMAPIPE CLAMP	054250 15
6MM DIA X 12MM WIDE NORMA PIPE CLAMP	05426 12
6MM DIA X 15MM WIDE NORMA PIPE CLAMP	05426 15
8MM DIA X 12MM WIDE NORMA PIPE CLAMP	05428 12
8MM DIA X 15MM WIDE NORMA PIPE CLAMP	05428 15

#### Pipe and fastening clamps assortment

Hose clamp

Article:



Pipe and fastening clamps 118 pieces Sysko

Doscription.	
ZEBRA HOSE CLAMP 12MM 100-120MM	0549200120
ZEBRA HOSE CLAMP 12MM 110-130MM	0549210130
ZEBRA HOSE CLAMP 12MM 16-27MM	054921627
ZEBRA HOSE CLAMP 12MM 120-140MM	0549220140
ZEBRA HOSE CLAMP 12MM 20-32MM	054922032
ZEBRA HOSE CLAMP 12MM 25-40MM	054922540
ZEBRA HOSE CLAMP 12MM 130-150MM	0549230150
ZEBRA HOSE CLAMP 12MM 32-50MM	054923550
ZEBRA HOSE CLAMP 12MM 140-160MM	0549240160
ZEBRA HOSE CLAMP 12MM 40-60MM	054924060
ZEBRA HOSE CLAMP 12MM 50-70MM	054925070
ZEBRA HOSE CLAMP 12MM 60-80MM	054926080
ZEBRA HOSE CLAMP 12MM 70-90MM	054927090
ZEBRA HOSE CLAMP 12MM 80-100MM	0549280100
ZEBRA HOSE CLAMP 12MM 90-110MM	0549290110

#### Description:

118 PCS NORMA PIPE CLAMPS

#### Article:

Article:

054210 12 054210 15

5964054200

#### <u>Hoses, couplings, hose clamps</u>



#### <u>Hoses</u>

#### FPM/ECO/AR/ECO petrol hose Fuel hose RE-INF Repair hose with low permeation Fuel hose RE-INF C-014 73373 -- 1-7/3x3-87-21/01/2017010 017498 (00) Article: Article: Description: Description: 0895513595 0895514510 FUEL HOSE 3.5MM/9.5MM RUBBER 15M FUEL HOSE 4.5MM/10.0MM RUBBER 15M FUEL HOSE RUBBER RE-INF 10MM X 10M FUEL HOSE RUBBER RE-INF 12MM X 10M 9500008760 9500008761 FUEL HOSE 7.3MM/13.5MM RUBBER 10M 0895517313 FUEL HOSE RUBBER RE-INF 5MM X 10M 9500008762 FUEL HOSE RUBBER RE-INF 6MM X 10M 9500008763 FUEL HOSE RUBBER RE-INF 8MM X 10M 9500008764



# HYDRAULIC & DRIVE COMPONENTS



MPa - 6000 PSI

### Hydraulic and drive components



#### **Hydraulics**

#### Bolt of banjo coupling



Description: BANJO BOLT M8X1 BANJO BOLT M10X1

BANJO BOLT M12X1.5 BANJO BOLT M12X1.5 BANJO BOLT M14X1.5 BANJO BOLT M16X1.5

Millimetre thread banjo coupling

#### Banjo coupling straight, MM

#### Low coupling, 360° orientation.



Description:

BANJO TAIL M10 BANJO TAIL M12 WITH 8MM O/D 205-204 BANJO TAIL M14 BANJO TAIL M14 BANJO TAIL M16

# 븢 WüRTH

# MATERIAL PROCESSING

ORWORK

#### <u>Machining</u>

#### <u>Brushes</u>

#### **Bristle disc**



For cleaning and removing coatings or dirt on metals, concrete, natural stone, wood and plastic

Description: BRISTLE DISC GREEN 50MM P50 BRISTLE DISC YELLOW 50MM P80 Article: 0673000505 0673000508

#### Wire cup brush



Description: STEEL BRADED CUP BRUSH BOMM

heavy/aggressive brushing work.

Ideal for machining large steel and cast

bristle available when removed. For

surfaces. With safety support ring, additional

Article: 0714691310 Wire cup brush



Description: STEEL BRADED CUP BRUSH 70MM Article: 071469 01

work.

#### Wire cup brush



Ideal for machining large steel and cast surfaces. With safety support ring, additional bristle available when removed. For heavy/aggressive brushing work.

Description: STEEL BRADED CUP BRUSH 100MM Article: 0993579110



Ideal for machining large steel and cast

surfaces. For heavy/aggressive brushing

# <u>Machining</u>



# Countersinks, counterborers, deburrers

Push-on countersink		Conical countersink assortment	
WURTH	Push-on countersink		Particularly suitable for processing conventional steels, cast iron and non-ferrous metals (aluminium, copper, aluminium alloys and plastics). Available in the ORSY® system cassette.
Description: HSS COUNTERSUNK ADAPTOR (WOOD) 4MM HSS COUNTERSUNK ADAPTOR (WOOD) 5MM HSS COUNTERSUNK ADAPTOR (WOOD) 8MM	Article: 065074 065075 065078	Description: CNTSNK-SORT-YELI/BLUE-HSS-90-(6,3-20,5)	Article: 0694117001
Countersink, yellow/blue ring, H	1SS 90°	Conical countersink assortment	
	Particularly suitable for the processing of conventional steels, cast iron and non-ferrous metals (aluminium, copper, aluminium alloys and plastics).	0	Consisting of diameters 6.3-20.5 mm. Designed specifically for processing conventional steels and cast iron.
Description: CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D6,3 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D10,4 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D10,4 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D12,4 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D20,5 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D25 CNTSNK-CONI-MAYEL/BLUE-HSS-90DGR-D31	Article: 0694117006 0694117008 0694117010 0694117012 0694117016 0694117020 0694117025 0694117031	Description: CSK BLUE HHS 6.3-20.5 STEEL (6PCS)	Article: 069401701
Conical countersink		Conical countersink blue ring HS	SS, DIN 335C, 90°
	For chatter-free deburring and countersinking of holes		Designed specifically for processing conventional steels and cast iron.
Description: CSK CROSSHOLE 90 DEGREE 2/5 HSCO CSK CROSSHOLE 90 DEGREE 5/10 HSCO	Article: 069402102 069402105	Description: CSK BLUE HHS 90 DEGREE 10.4MM STEEL CSK BLUE HHS 90 DEGREE 12.4MM STEEL CSK BLUE HHS 90 DEGREE 16.5MM STEEL CSK BLUE HHS 90 DEGREE 20.5MM STEEL CSK BLUE HHS 90 DEGREE 25.0MM STEEL	Article: 069401710 069401712 069401716 069401720 069401725

### Machining



Very good cutting performance with a long

Very good cutting performance with a long

#### Cutting discs

#### Clamping mandrel

**Description:** 

**Description:** 

CUTTING DISC STAINLESS STEEL 76X1.0

THIN LINE CUTTING 115X0.8X22.2 INOX

ZEBRA CUTT DISC S/S 125x1.0x22.2MM

Cutting disc, carbide-tipped

THIN LINE CUTTING 115X1X22.2INOX

MANDREL FOR 6MM DISC MANDREL FOR 10MM DISC

Speed cutting disc



One for all. Clamping mandrel for cutting and grinding discs with 6-mm or 10-mm hole for use on axial or straight grinders.

Very good cutting performance with a long

The disc's specially designed carbide granulate ensures not only excellent

durability, but also rapid cuts on an angle

Article:

0664976

0664978

service life

Article:

0664130761

0664131148

0664131150

0664131250

grinder

Article:

0667410112

0667410122

0667410232

Speed cutting disc



**Description:** WURTH CUTTING ALU 230X1.9X22.2MM Article:

service life

service life

0664122301

Speed cutting disc



**Description:** CUTTING DISC STEEL 60X2.0MM ZEBRA CUTT DISC STEEL 115x1.0x22.2MM ZEBRA CUTT DISC STEEL 125x1.0x22.2MM ZEBRA CUTT DISC STEEL 230X2.0X22.2MM

Diamond cutting disc

Article:

0668152125

0668152230



The robust diamond cutting disc with high performance values

**Description:** CUTDISC-TC-2,0-DR22,2-D115MM CUTDISC-TC-2.0-DR22.2-D125MM CUTDISC-TC-2, 1-DR22, 2-D230MM

#### Diamond cutting disc



The robust diamond cutting disc with high performance values

#### Cutting disc for stainless steel

R/LINE SEGMENTED DIAMOND BLADE 125MM

R/LINE SEGMENTED DIAMOND BLADE 230MM

**Description:** 



The robust cutting disc with high performance values.

Description: CUTTING DISC BUCKET 115x1x22MM GREEN CUTTING DISC INOX 115X1X22.2MM CUTTING DISC INOX 125X1X22.2MM CUTTING DISC INOX 230X1 8X22.2MM

**Description:** RED LINE TURBO DIAMOND BLADE 115MM RED LINE TURBO DIAMOND BLADE 125MM RED LINE TURBO DIAMOND BLADE 230MM

### <u>Machining</u>



Very long service life and good cutting

performance

Article:

0670122302

Article:

0670151152

0670152303

#### Cutting discs

#### Cutting disc for steel



#### **Description:**

CUTTING DISC BUCKET 115x1x22MM BLUE RED LINE CUTTING DISC 115X1,0X22,23 CUTTING DISC STEEL 115X2,5X22,2MM RED LINE CUTTING DISC 5 125X1X22,23M CUTTING DISC STEEL 125X2,5X22,2MM CUTTING DISC STEEL 125X2,22,2MM CUTTING DISC STEEL 320X3,x22,2MM

#### Article: 066920011 0669201150 0669201155 0669201250 0669201255

0669203502

The robust cutting disc with high

performance values

#### Longlife cutting disc



Very long service life and good cutting performance



Longlife cutting disc

**Description:** 

WURTH CUTTING ALUM 230X2.5X22.2MM

Longlife cutting disc

Very long service life and good cutting performance

Diamond cutting disc Premium for concrete

#### Description: ZEBRA CUIT DISC STEEL 115X2.5X22.2MM ZEBRA CUIT DISC STEEL 180X3.0X22.2MM ZEBRA CUIT DISC STEEL 230X3.0X22.2MM

Article: 0670101152 0670101802 0670102302

#### Longlife & Speed RS Plus construction site diamond cutting disc



Premium diamond cutting disc specially developed for all construction trades with enormous versatility, extremely high service life and cut quality, maximum cutting speed. The perfect disc for all angle grinders and wall slitting cutters

Description: DIAMOND CONSTRUCTION C/D L&S 230MM

Article: 5526664230

#### Diamond blade Premium

ZEBRA MASONRY CUTT DISC 115X2.5X22.2

WURTH MASONRY CUTT DISC 230X3X22.2

**Description:** 



Description:

WURTH SCHNELLER DIAMOND BLADE 230MM WURTH FACHMANN DIAMOND BLADE 230MM WURTH SCHNELLER DIAMOND BLADE 115MM WURTH FACHMANN DIAMOND BLADE 115MM 125MM DIAMOND CHASER

#### **Machining** Drills and chisels



wist Drill bit assortment		Twist drill bit	
	Assembly drill for general, broad applications in steel up to 850 N/mm strength and cast iron.		Assembly drill for general, broad applications in steel up to 850 N/mm strength and cast iron.
Description:	Article:	Description:	Article:
URTH LINE HSS DRILL SET 1-10MM	0617000001	WURTH LINE HSS DRILL 1.0MM	0617000100
		WURTH LINE HSS DRILL 1.5MM	0617000150
		WURTH LINE HSS DRILL 2.0MM	0617000200
		WURTH LINE HSS DRILL 2.5MM	0617000250
		WURTH LINE HSS DRILL 3.0MM	0617000300
		WURTH LINE HSS DRILL 3.2MM	0617000320
		WURTH LINE HSS DRILL 3.5MM	0617000350
		WURTH LINE HSS DRILL 4.0MM	0617000400
		WURTH LINE HSS DRILL 4.2MM	0617000420
		WURTH LINE HSS DRILL 4.5MM	0617000450
		WURTH LINE HSS DRILL 4.8MM	0617000480
		WURTH LINE HSS DRILL 5.0MM	0617000500
		WURTH LINE HSS DRILL 5.5MM	0617000550
		WURTH LINE HSS DRILL 6.0MM	0617000600
		WURTH LINE HSS DRILL 6.5MM	0617000650
		WURTH LINE HSS DRILL 7.0MM	0617000700
		WURTH LINE HSS DRILL 7.5MM	0617000750
		WURTH LINE HSS DRILL 8.0MM	0617000800
		WURTH LINE HSS DRILL 8.5MM	0617000850
		WURTH LINE HSS DRILL 9.0MM	0617000900
		WURTH LINE HSS DRILL 9.5MM	0617000950
		WURTH LINE HSS DRILL 10.0MM	0617001000
		WURTH LINE HSS DRILL 10.5MM	0617001050
		WURTH LINE HSS DRILL 11.0MM	0617001100
		WURTH LINE HSS DRILL 11.5MM	0617001150
		WURTH LINE HSS DRILL 12.0MM	0617001200
		WURTH LINE HSS DRILL 12.5MM	0617001250
		WURTH LINE HSS DRILL 13.0MM	0617001300
		WURTH LINE HSS DRILL 13.0MM	0617001400
		WURTH LINE HSS DRILL 14.0MM WURTH LINE HSS DRILL 15.0MM	0617001500
			0617001500
		WURTH LINE HSS DRILL 16.0MM WURTH LINE HSS DRILL 18.0MM	
		WURTH UNE HSS DRILL 18 OMM	0617001800
		WURTH LINE HSS DRILL 20.0MM	0617002000
			0617002000
			0617002000

#### Drill/screwdriver set RW Edition 2020



**Description:** 

RW TWIST DRILL SET

Limited edition with Reinhold Würth signature. Includes innovative highperformance drill bits with unique SMART STEP technology, a magnetic <sup>1</sup>/<sub>4</sub> inch bit holder, the most common bits and magnetic socket wrench blades for use in drill drivers.

Article:

0624932020

#### Twist drill bit assortment



Steel precision drill bits for general, broad applications in steel up to 850 N/mm strength and cast iron. Available in ORSY® system cassette.



Description: DRL-MET-SET-DIN338-HSS-{D1-13}-0,5-25PCS



TiN head coated steel precision drill for

### Drills and chisels

#### Twist drill bit assortment



The high-performance drill bit with unique SMART STEP technology (from dia. 2.5 mm) for high-precision circular drill holes in ste up to 1000 N/mm, aluminium, plastic, (e acrylic glass, HPL, Trespa or multiplex boards) non-ferrous metals, hard and softwood. Available in the ORSY® system cassette.

Twist drill bits

mm) teel (e.g.		general, broad applications in steel up to 850 N/mm strength and cast iron.
em		
	Description:	Article:
	ZEBRA HSS TIN HEAD DRILL BIT 1.0MM	0624020100
	ZEBRA HSS TIN HEAD DRILL BIT 1.5MM	0624020150
	ZEBRA HSS TIN HEAD DRILL BIT 2.0MM	0624020200
	ZEBRA HSS TIN HEAD DRILL BIT 2.5MM	0624020250
	ZEBRA HSS TIN HEAD DRILL BIT 3.0MM	0624020300
	ZEBRA HSS TIN HEAD DRILL BIT 3.2MM	0624020320
	ZEBRA HSS TIN HEAD DRILL BIT 3.3MM	0624020330
	ZEBRA HSS TIN HEAD DRILL BIT 3.5MM	0624020350
	ZEBRA HSS TIN HEAD DRILL BIT 4.0MM	0624020400
	ZEBRA HSS TIN HEAD DRILL BIT 4.1MM	0624020410
	ZEBRA HSS TIN HEAD DRILL BIT 4.2MM	0624020420
	ZEBRA HSS TIN HEAD DRILL BIT 4.5MM	0624020450
	ZEBRA HSS TIN HEAD DRILL BIT 4.8MM	0624020480
	ZEBRA HSS TIN HEAD DRILL BIT 4.9MM	0624020490
	ZEBRA HSS TIN HEAD DRILL BIT 5.0MM	0624020500
	ZEBRA HSS TIN HEAD DRILL BIT 5.3MM	0624020530
	ZEBRA HSS TIN HEAD DRILL BIT 5.5MM	0624020550
	ZEBRA HSS TIN HEAD DRILL BIT 6.0MM	0624020600

Description:	Article:	Description:	Article:
L-MET-SET-HSS-DIN338-SMARTSTEP-(D1-10)	0624930019	ZEBRA HSS TIN HEAD DRILL BIT 1.0MM	0624020100
		ZEBRA HSS TIN HEAD DRILL BIT 1.5MM	0624020150
		ZEBRA HSS TIN HEAD DRILL BIT 2.0MM	0624020200
		ZEBRA HSS TIN HEAD DRILL BIT 2.5MM	0624020250
		ZEBRA HSS TIN HEAD DRILL BIT 3.0MM	0624020300
		ZEBRA HSS TIN HEAD DRILL BIT 3.2MM	0624020320
		ZEBRA HSS TIN HEAD DRILL BIT 3.3MM	0624020330
		ZEBRA HSS TIN HEAD DRILL BIT 3.5MM	0624020350
		ZEBRA HSS TIN HEAD DRILL BIT 4.0MM	0624020400
		ZEBRA HSS TIN HEAD DRILL BIT 4.1MM	0624020410
		ZEBRA HSS TIN HEAD DRILL BIT 4.2MM	0624020420
		ZEBRA HSS TIN HEAD DRILL BIT 4.5MM	0624020450
		ZEBRA HSS TIN HEAD DRILL BIT 4.8MM	0624020480
		ZEBRA HSS TIN HEAD DRILL BIT 4.9MM	0624020490
		ZEBRA HSS TIN HEAD DRILL BIT 5.0MM	0624020500
		ZEBRA HSS TIN HEAD DRILL BIT 5.3MM	0624020530
		ZEBRA HSS TIN HEAD DRILL BIT 5.5MM	0624020550
		ZEBRA HSS TIN HEAD DRILL BIT 6.0MM	0624020600
		ZEBRA HSS TIN HEAD DRILL BIT 6.2MM	0624020620
		ZEBRA HSS TIN HEAD DRILL BIT 6.4MM	0624020640
		ZEBRA HSS TIN HEAD DRILL BIT 6.5MM	0624020650
		ZEBRA HSS TIN HEAD DRILL BIT 6.8MM	0624020680
		ZEBRA HSS TIN HEAD DRILL BIT 7.0MM	0624020700
		ZEBRA HSS TIN HEAD DRILL BIT 7.5MM	0624020750
		ZEBRA HSS TIN HEAD DRILL BIT 8.0MM	0624020800
		ZEBRA HSS TIN HEAD DRILL BIT 8.5MM	0624020850
		ZEBRA HSS TIN HEAD DRILL BIT 9.0MM	0624020900
		ZEBRA HSS TIN HEAD DRILL BIT 9.5MM	0624020950
		ZEBRA HSS TIN HEAD DRILL BIT 10.0MM	0624021000
		ZEBRA HSS TIN HEAD DRILL BIT 10.2MM	0624021020
		ZEBRA HSS TIN HEAD DRILL BIT 10.5MM	0624021050
		ZEBRA HSS TIN HEAD DRILL BIT 11.0MM	0624021100
		ZEBRA HSS TIN HEAD DRILL BIT 11.5MM	0624021150
		ZEBRA HSS TIN HEAD DRILL BIT 12.0MM	0624021200
		ZEBRA HSS TIN HEAD DRILL BIT 12.5MM	0624021250
		ZEBRA HSS TIN HEAD DRILL BIT 13.0MM	0624021300
		ZEBRA HSS TIN HEAD DRILL BIT 14.0MM	0624021400



### Drills and chisels

#### Twist drill bit



The manually operated high-performance drill with unique SMART STEP technology (from dia. 2.5 mm) for high-precision circular drill holes in steel up to 1000 N/mm2, aluminium, plastic, non-ferrous metals, hard and soft wood.

#### Description:

DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D1,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D1,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D2,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D2,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D3,0MM DRI-TWST-MET-DIN338-HSS-SMARTSTEP-D3 5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D4,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D4.5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D5.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D5,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D6.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D6,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D7.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D7,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D8,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D8,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D9,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-D9.5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-10,0MM DRI-TWST-MET-DIN338-HSS-SMARTSTEP-11.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-11,2MM DRI-TWST-MET-DIN338-HSS-SMARTSTEP-11.5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-12,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-12,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-13,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-13,5MM DRI-TWST-MET-DIN338-HSS-SMARTSTEP-14.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-14,5MM DRI-TWST-MET-DIN 338-HSS-SMARTSTEP-15.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-15,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-16.0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-16,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-17,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-17.5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-18,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-18.5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-19,0MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-19,5MM DRL-TWST-MET-DIN338-HSS-SMARTSTEP-20.0MM

Article:
0624930100
0624930150
0624930200
0624930250
0624930300
0624930350
0624930400
0624930450
0624930500
0624930550
0624930600
0624930650
0624930700
0624930750
0624930800
0624930850
0624930900
0624930950
0624931000
0624931100
0624931120
0624931150
0624931200
0624931250 0624931300
0624931300
0624931330
0624931450
0624931500
0624931550
0624931600
0624931650
0624931700
0624931750
0624931800
0624931850
0624931900
0624931950
0624932000

Articles

#### Twist drill bit

Steel precision drill for general, broad applications in steel up to 850 N/mm strength and cast iron.

#### 11010101

Description:	Article:
ZEBRA HSS TWIST DRILL BIT 0.5MM	0624000050
ZEBRA HSS TWIST DRILL BIT 1.0MM	0624000100
ZEBRA HSS TWIST DRILL BIT 1.2MM	0624000120
ZEBRA HSS TWIST DRILL BIT 1.5MM	0624000150
ZEBRA HSS TWIST DRILL BIT 1.7MM	0624000170
ZEBRA HSS TWIST DRILL BIT 2.0MM	0624000200
ZEBRA HSS TWIST DRILL BIT 2.3MM	0624000230
ZEBRA HSS TWIST DRILL BIT 2.5MM	0624000250
ZEBRA HSS TWIST DRILL BIT 2.8MM	0624000280
ZEBRA HSS TWIST DRILL BIT 3.0MM	0624000300
ZEBRA HSS TWIST DRILL BIT 3.2MM	0624000320
ZEBRA HSS TWIST DRILL BIT 3.3MM	0624000330
ZEBRA HSS TWIST DRILL BIT 3.5MM	0624000350
ZEBRA HSS TWIST DRILL BIT 3.8MM	0624000380
ZEBRA HSS TWIST DRILL BIT 4.0MM	0624000400
ZEBRA HSS TWIST DRILL BIT 4.1 MM	0624000410
ZEBRA HSS TWIST DRILL BIT 4.2MM	0624000420
ZEBRA HSS TWIST DRILL BIT 4.5MM	0624000450
ZEBRA HSS TWIST DRILL BIT 4.8MM	0624000480
ZEBRA HSS TWIST DRILL BIT 4.9MM	0624000490
ZEBRA HSS TWIST DRILL BIT 5.0MM	0624000500
ZEBRA HSS TWIST DRILL BIT 5.3MM	0624000530
ZEBRA HSS TWIST DRILL BIT 5.5MM	0624000550
ZEBRA HSS TWIST DRILL BIT 6.0MM	0624000600
ZEBRA HSS TWIST DRILL BIT 6.2MM	0624000620
ZEBRA HSS TWIST DRILL BIT 6.4MM	0624000640
ZEBRA HSS TWIST DRILL BIT 6.5MM	0624000650
ZEBRA HSS TWIST DRILL BIT 6.8MM	0624000680
ZEBRA HSS TWIST DRILL BIT 7.0MM	0624000700
ZEBRA HSS TWIST DRILL BIT 7.5MM	0624000750
ZEBRA HSS TWIST DRILL BIT 8.0MM	0624000800
ZEBRA HSS TWIST DRILL BIT 8.5MM	0624000850
ZEBRA HSS TWIST DRILL BIT 8.7MM	0624000870
ZEBRA HSS TWIST DRILL BIT 9.0MM	0624000900
ZEBRA HSS TWIST DRILL BIT 9.5MM	0624000950
ZEBRA HSS TWIST DRILL BIT 10.0MM	0624001000
ZEBRA HSS TWIST DRILL BIT 10.20MM	0624001020
ZEBRA HSS TWIST DRILL BIT 10.5MM	0624001050
ZEBRA HSS TWIST DRILL BIT 11.0MM	0624001100
ZEBRA HSS TWIST DRILL BIT 11.5MM	0624001150
ZEBRA HSS TWIST DRILL BIT 12.0MM	0624001200
ZEBRA HSS TWIST DRILL BIT 12.5 MM	0624001250
ZEBRA HSS TWIST DRILL BIT 13.0MM	0624001300
ZEBRA HSS TWIST DRILL BIT 14.0MM	0624001400
ZEBRA HSS TWIST DRILL BIT 16.0MM	0624001600
TWIST DRILL METAL, DIN 338-HSS-D17, 5MM	0624001750
	1

#### Twist drill assortment



Steel precision drill bits for general, broad applications in steel up to 850 N/mm strength and cast iron

Article:

62400000

Description: ZEBRA HSS DRILL SET 1-10MM X 0.5MM Twist drill assortment



19 pieces TiN head coated steel precision drill bit for general, broad applications in steel up to 850 N/mm strength and cast iron.

Description: ZEBRA HSS TIN HD DRILL SET 1-10MM Article: 0624020001



### Drills and chisels

#### HSS type RN twist drill bit box Twist drill bit assortment Cold-formed assembly drill bits for working Precise high-performance drill bits for in steel, point angle 118°. machining stainless steel (such as V2A, V4A), heat-resistant steels and titanium. Also for general, broad applications in steel up to 1000 N/mm strength and in cast iron. Available in ORSY® system cassette. **Description:** Article: **Description:** Article: TWIST DRILL METAL SET D1-10 (19PCS) 062501 DRL-MET-SET-DIN338-HSCO-OX-(D1-10)-0,5 0626000019 Twist drill bit Twist drill bit assortment 5 pieces. Manually operated high-speed drill The precise high-performance drill for processing stainless steel (e.g. V2A, V4A), bit for precise drill holes in nearly all heat-resistant steels and titanium. Also materials, such as stainless steel (e.g. V2A, suitable for general broader applications in V4A), heat-resistant steels and titanium. Also steel with strength up to 1,000 N/mm and for general applications in conventional steel a hour for the for the in cast iron. up to a strength of 1,200N/mm as well as in cast iron and non-ferrous metals (such as aluminium, aluminium alloys, bronze, plastic). Article: Article: **Description:** Description: ZEBRA HSCO TWIST DRILL BIT 1.0MM 0626000100 DRL-TWST-DIN338-MFD-SPEED-MOSTWANTED-5PC 0626930005 ZEBRA HSCO TWIST DRILL BIT 1.5MM 0626000150 ZEBRA HSCO TWIST DRILL BIT 2.0MM 0626000200 ZEBRA HSCO TWIST DRILL BIT 2.5MM 0626000250 ZEBRA HSCO TWIST DRILL BIT 3.0MM 0626000300 ZEBRA HSCO TWIST DRILL BIT 3.5MM 0626000350 ZEBRA HSCO TWIST DRILL BIT 4.0MM 0626000400 ZEBRA HSCO TWIST DRILL BIT 4.2MM 0626000420 ZEBRA HSCO TWIST DRILL BIT 4.5MM 0626000450 ZEBRA HSCO TWIST DRILL BIT 4.9MM 0626000490 ZEBRA HSCO TWIST DRILL BIT 5.0MM 0626000500 ZEBRA HSCO TWIST DRILL BIT 5.5MM 0626000550 ZEBRA HSCO TWIST DRILL BIT 6 0MM 0626000600 ZEBRA HSCO TWIST DRILL BIT 6.5MM 0626000650 ZEBRA HSCO TWIST DRILL BIT 7.0MM 0626000700 ZEBRA HSCO TWIST DRILL BIT 7.5MM 0626000750 ZEBRA HSCO TWIST DRILL BIT 8.0MM 0626000800 ZEBRA HSCO TWIST DRILL BIT 8.5MM 0626000850 ZEBRA HSCO TWIST DRILL BIT 9.0MM 0626000900 ZEBRA HSCO TWIST DRILL BIT 9 5MM 0626000950 ZEBRA HSCO TWIST DRILL BIT 10.0MM 0626001000 ZEBRA HSCO TWIST DRILL BIT 12 0MM 0626001200 ZEBRA HSCO TWIST DRILL BIT 14.0MM 0626001400 HSS annular cutter Ejector pin Ejector pin Standard annular cutter made from HSS for drilling large through-holes up to 50mm in diameter with mobile magnetic or stationary drills in conventional steels up to 850N/mm, wood and non-ferrous metals, such as aluminium, aluminium alloys and plastics. Article: Article: **Description: Description:** CORE DRILL BIT 12MM EJECTOR PIN FOR SLUGGER DRILL BITS 0630930001 0630930120

CORE DRILL BIT 12MM CORE DRILL BIT 14MM CORE DRILL BIT 16MM CORE DRILL BIT 18MM CORE DRILL BIT 22MM CORE DRILL BIT 22MM CORE DRILL BIT 24MM CORE DRILL BIT 24MM

0630930140

0630930160

0630930180

0630930200

0630930220

0630930240

0630930260



## Drills and chisels

Emoto have		To the definition of the	
Empty box	Empty box for twist drill	Twist drill bit assortment	Affordable, robust steel assembly drills for applications in steel up to 850 N/mm strength
Description: EMPTY BOX DRILL BIT D1-10	Article: 06334	Description: DRLMET.SET.DIN338.HSS{D1-10}-0,5-19PCS	Article: 06344
HSS WN type RN double-o	ended drill bit	Impact drill bit box	
	Assembly drill bit for working in thin-sh steel, tip angle 130°		High-performance impact drill bit with the features of a hammer drill bit.
Description: STUB DRILL BIT DOUBLE ENDED 2.0MM STUB DRILL BIT DOUBLE ENDED 2.5MM STUB DRILL BIT DOUBLE ENDED 3.0MM STUB DRILL BIT DOUBLE ENDED 3.2MM STUB DRILL BIT DOUBLE ENDED 3.3MM STUB DRILL BIT DOUBLE ENDED 4.3MM STUB DRILL BIT DOUBLE ENDED 4.1MM STUB DRILL BIT DOUBLE ENDED 4.2MM STUB DRILL BIT DOUBLE ENDED 4.3MM STUB DRILL BIT DOUBLE ENDED 4.3MM STUB DRILL BIT DOUBLE ENDED 5.2MM STUB DRILL BIT DOUBLE ENDED 5.5MM STUB DRILL BIT DOUBLE ENDED 5.5MM	Article: 063620 063625 063632 063632 063633 063643 063640 063640 063641 063642 063645 063650 063655 063660	Description: ZEBRA STONE DRILL SET 3-10MM (7PCS)	Article: 0637200001
DUO-S impact drill bit with	stantaht sharah	MFD-S multi-purpose drill bit	
	High-performance impact drill bit with features of a hammer drill bit.		Drills through virtually any material
Description: ZEBRA MASONRY DRILL BIT M10.0X120 ZEBRA MASONRY DRILL BIT M10.0X150 ZEBRA MASONRY DRILL BIT M14.0X150 ZEBRA MASONRY DRILL BIT M15.0X150 ZEBRA MASONRY DRILL BIT M5.0X65 ZEBRA MASONRY DRILL BIT M5.0X100 ZEBRA MASONRY DRILL BIT M5.0X110 ZEBRA MASONRY DRILL BIT M8.0X120	Article: 0637201012 0637201215 0637201415 0637204007 0637205008 0637206010 0637206010 0637208012	Description: ZEBRA MULTI PUR DRILL 10MMX120MM ZEBRA MULTI PUR DRILL 10MMX200MM ZEBRA MULTI PUR DRILL 12mmx150mm ZEBRA MULTI PUR DRILL 12MM X 220MM ZEBRA MULTI PUR DRILL 14MM X 220MM ZEBRA MULTI PUR DRILL 3MM X 60MM ZEBRA MULTI PUR DRILL 3MM X 65MM ZEBRA MULTI PUR DRILL 5MM X 85MM ZEBRA MULTI PUR DRILL 5MM X 100MM ZEBRA MULTI PUR DRILL 5MM X 100MM	Article: 0641201012 0641201020 0641201215 0641201222 0641201422 0641203006 0641205008 0641206010 0641206020 0641206510 064120510 0641208012 0641208012 0641208020



### Drills and chisels

#### Stoneware drill polygon shaft Premium spade chisel Max The ideal solution, even for extremely hard Premium spade chisel wedge shape Max stoneware tiles up to Mohs/scratch hardness 9, as well as glass and porcelain Gatan II (2) Article: Article: **Description: Description:** STONEWARE TILE DRILL BIT 10MM 0641411011 SDS MAX SPADE CHISEL 380MMX50MM 064785350 STONEWARE TILE DRILL BIT 12MM 064786350 0641411211 SPDECHIS-MAX-LS-L380-W50MM STONEWARE/TILE DRILL 14MM 0641411411 STONEWARE TILE DRILL BIT 5MM 0641415011 STONEWARE/TILE DRILL 6MM 0641416011 STONEWARE/TILE DRILL 8MM 0641418011 Hammer drill bit multi-pack Hammer drill bit cassette with SDS-plus drive arbor, Duo-S Vario 3x dia. 6 x 160/100, 4x dia. 8 x Solid hammer drill bit with aggressive 2-160/100, 3x dia. 10 x 160/100, 2x dia. cutter head, centring point and Vario spiral



12 x 160/100. Solid hammer drill bit with aggressive 2-cutter head, centring point and Vario spiral conveyor with core reinforcement for a significantly improved drilling speed. Specially optimised for cordless hammer drills.

Article: **Description:** DRL-HAM-SORT-PLUS-DUO-SV-12PCS 648550002

**Description:** PERCUSSION DRILL SDS SET (7PCS) DRL-HAM-SORT-PLUS-DUO-SV-7PCS

conveyor with core reinforcement for a significantly improved drilling speed. Specially optimised for cordless hammer drills.

Article: 0648550001 0648550007



### Drills and chisels

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#### Plus Quadro-L Vario hammer drill bit

(a ))

The perfect solution for reinforcements and hard materials, featuring a symmetrical, onepiece head with four cutting edges and a four-spiral Vario feed helix with core reinforcement Hammer drill bit cassette



Perfect solution for reinforcing bars and hard materials, featuring a symmetrical, one-piece head with four cutting edges and a fourspiral Vario conveyor helix with core reinforcement. Available in ORSY® system cassette.

	Autolo		Article:
Description:	Article:	Description:	
SDS PLUS QUADRO DRILL BIT M10X165MM	0648051016	DRL-HAM-SORT-PLUS-Q-LV-7PCS	0648050007
SDS PLUS QUADRO DRILL BIT M10X215MM	0648051021		
QUADRO HAMMER DRILL BIT PLUS10X265MM	0648051026		
SDS PLUS QUADRO DRILL BIT M10X315MM	0648051031		
QUADRO HAMMER DRIL BIT PLUS 10X455MM	0648051045		
SDS PLUS QUADRO HAMMER DRIL 10X600MM	0648051060		
QUADRO HAMMER DRIL BIT PLUS12X1000MM	0648051210		
SDS PLUS QUADRO DRILL BIT M12X160MM	0648051216		
DRL-HAM-PLUS-Q-LV-D12,0-L210-WL160MM	0648051221		
SDS PLUS QUADRO DRILL BIT M12X260MM	0648051226		
QUADRO HAMMER DRILL BIT PLUS12X450MM	0648051245		
QUADRO HAMMER DRILL BIT PLUS12X600MM	0648051260		
QUADRO HAMMER DRILL BIT PLUS14X160MM	0648051416		
SDS PLUS QUADRO DRILL BIT M14X210MM	0648051421		
SDS PLUS QUADRO DRILL BIT M14X310MM	0648051431		
QUADRO HAMMER DRILL BIT PLUS14X450MM	0648051445		
QUADRO HAMMER DRIL BIT PLUS16X1000MM	0648051610		
SDS PLUS QUADRO DRILL BIT M16X210MM	0648051621		
SDS PLUS QUADRO DRILL BIT M16X260MM	0648051626		
QUADRO HAMMER DRILL BIT PLUS16X450MM	0648051645		
QUADRO HAMMER DRILL BIT PLUS16X600MM	0648051660		
QUADRO HAMMER DRILL BIT PLUS16X800MM	0648051680		
QUADRO HAMMER DRILL BIT PLUS18X250MM	0648051825		
SDS PLUS QUADRO DRILL BIT M18X450MM	0648051845		
SDS PLUS QUADRO DRILL BIT M20X250MM	0648052025		
SDS PLUS QUADRO DRILL BIT M20X450MM	0648052045		
QUADRO HAMMER DRIL BIT PLUS 20X600MM	0648052060		
SDS PLUS QUADRO DRILL BIT M22X250MM	0648052225		
SDS PLUS QUADRO DRILL BIT M22X450MM	0648052245		
SDS PLUS QUADRO DRILL BIT M24X250MM	0648052425		
SDS PLUS QUADRO DRILL BIT M24X450MM	0648052445		
QUADRO HAMMER DRILL BIT PLUS25X450MM	0648052545		
QUADRO HAMMER DRILL BIT PLUS32X450MM	0648053245		
SDS PLUS QUADRO DRILL BIT M5X115MM	0648055011		
SDS PLUS QUADRO DRILL BIT M5X165MM	0648055016		
SDS PLUS QUADRO DRILL BIT M6X115MM	0648056011		
SDS PLUS QUADRO DRILL BIT M6X165MM	0648056016		
QUADRO HAMMER DRILL BIT PLUS 6X215MM	0648056021		
SDS PLUS QUADRO DRILL BIT M6X265MM	0648056026		
SDS PLUS QUADRO DRILL BIT M8X165MM	0648058016		
QUADRO HAMMER DRILL BIT PLUS 8X150MM	0648058021		
SDS PLUS QUADRO DRILL BIT M8X265MM	0648058026		



Hammer drill bit Plus Duo-S Va	rio	Drill bit	
	Solid hammer drill bit with aggressive 2- cutter head, centring point and Vario spiral conveyor with core reinforcement for a significantly improved drilling speed. Specially optimised for cordless hammer drills.		Bit for countersink with depth stop
Description: PERCUSSION DRIL SDS PLUS M 10X160MM PERCUSSION DRIL SDS PLUS M 10X210MM PERCUSSION DRIL SDS PLUS M 10X110MM PERCUSSION DRIL SDS PLUS M 12X10MM PERCUSSION DRIL SDS PLUS M 12X210MM PERCUSSION DRIL SDS PLUS M 12X210MM PERCUSSION DRIL SDS PLUS M 14X210MM PERCUSSION DRIL SDS PLUS M 14X210MM PERCUSSION DRIL SDS PLUS M 14X20MM PERCUSSION DRIL SDS PLUS M 14X20MM PERCUSSION DRIL SDS PLUS M 16X210MM PERCUSSION DRIL SDS PLUS M 16X20MM PERCUSSION DRIL SDS PLUS M 16X20MM PERCUSSION DRIL SDS PLUS M 16X20MM PERCUSSION DRIL SDS PLUS M 18X450MM PERCUSSION DRIL SDS PLUS M 20X450MM PERCUSSION DRILL SDS PLUS M 20X450MM PERCUSSION DRIL SDS PLUS M 20X450MM PERCUSSION DRILL SDS PLUS M 20X450MM	Article: 048551016 048551021 048551021 048551216 048551221 048551221 048551421 048551421 048551421 048551620 048551820 048552020 048552030 048552030 048552035 048552045 048552045 048555016 048555016 048556016 048558016 048558026	Description: BIT FOR COUNTERSINK WITH DEPTH STOP	Article: 0650700401
Machine twist wood drill bit	Chrome vanadium, particularly suitable for use on hardwood and chipboard	Countersink with depth stop	The countersinking specialist for terrace construction, with 1/4 inch type E bit holder
Description: HSS PRECISION WOOD DRILL BIT 10.0MM	Article: 0650410	Description: COUNTERSINK WITH DEPTH STOP 4MM	Article: 0650700400
Spade drill bit		Flat drill bit assortment	For wood. Drills up to 10 times faster than a
	Drills up to 10 times faster than a standard flat drill bit		standard flat drill bit.

Drills and chisels



Forstner bit assortment		Forstner bit plus	
	The high-performance Forstner bit with up to ten times higher working speed and up to three times longer service life than conventional Forstner drill bits.		Exceptionally high-speed drill bit with centring tip and serrated cutting edge. Idea for use with hard and soft woods, as well a MDF panels.
Description: Forstner bit assortment longlife&sp	Article: 0650990001	Description: FORSTNER BIT M12 FORSTNER BIT M15 FORSTNER BIT M20 FORSTNER BIT M25 FORSTNER BIT M30	Article: 065000112 065000115 065000120 065000125 065000130
Carbide multi-spur machine b	sit	HSCo precision twist wood dr	ill bit
	Multi-spur machine bit carbide		The hardwood professional for optimum centring and chip removal
0		\$7.699 69C	9
Description: CUP DRILL 35MM	Article: 0650135	Description: HSCO PRECISION WOOD DRILL BIT 3.0MM HSCO PRECISION WOOD DRILL BIT 5.0MM HSCO PRECISION WOOD DRILL BIT 7.0MM HSCO PRECISION WOOD DRILL BIT 8.0MM DRLTWSTWOHSCO-PD 10,0MM	Article: 0650810300 0650810700 0650810700 0650810800 0650811000
HSS Multi Performance TiAIN	N stepped twist drill bit	HSS SMART STEP Deepcut ste	əpped twist drill bit
	The latest generation, multi-performance, stepped drill bits with TiAIN coating for		The multi-functional stepped drill with AlCrN coating and unique SMART STEP technolog



**Description:** ZEBRA STEP DRILL HSS 4-12MM ZEBRA STEP DRILL HSS 4-20MM ZEBRA STEP DRILL TITAN NITRIDE4-30MM

Flat chisel

stepped drill bits with TiAIN coating for maximum service life, significantly faster drilling with quiet processing as well as greatly reduced burr formation in the processing of almost all thin-walled materials such as conventional steel up to 1300N/mm2 strength, stainless steel, aluminium, cast iron, brass, bronze, wood and plastics.

Article:

0694458412 0694458420

0694458630

Article:

0703712001



coating and unique SMART STEP technology for high-precision, flexible use in sheet metal and, for the first time, allows drilling of thicker workpieces made of conventional steel up to 1300 N/mm strength, cast iron, aluminium, brass, bronze, Plexiglas, plastic, and wood.

**Description:** DRL-STEP-SPRL-SMARTSTEP-DEEPCUT-(D4-12) DRL-STEP-SPRL-SMARTSTEP-DEEPCUT-(D8-20) DRL-STEP-SPRL-SMARTSTEP-DEEPCUT-(D9-19)

Article: 0694459412 0694459820 0694459919

#### Point chisel



**Description:** HEX DRIVE FLAT CHISEL 178MM X 21MM

183



#### Drills and chisels Sheet metal separating chisel Spot separating chisel Sheet slitting chisel, pneumatic chipping Spot slitting chisel, pneumatic chipping hammer hammer Article: Article: **Description: Description:** HEX DRIVE SHEET METAL CHISEL 0703712002 HEX DRIVE SPOT WELD CHISEL 0703712003 HSCo spot weld drill bit Diamond tile dry core bit M14 seat Specially developed diamond core drill bit The economical standard spot weld drill bit for loosening spot welds with hand-held drills for dry drilling even the very hardest of on conventional bodywork panels up to materials such as stoneware. For use on 850N/mm strength on all kinds of vehicles. angle grinders Article: Article: **Description:** Description: ZEBRA SPOT WELD DRILL HSCO 6MM 0710006 DIAMOND TILE DRY CORE DRILL BIT M5 5457235005 ZEBRA SPOT WELD DRILL HSCO 8MM 0710008 5457235006 DIAMOND TILE DRY CORE DRILL BIT M6 DIAMOND TILE DRY CORE DRILL BIT M8 5457235008 DIAMOND THE DRY CORE DRILL BIT M10 5457235010 DIAMOND TILE DRY CORE DRILL BIT M12 5457235012 DIAMOND TILE DRY CORE DRILL BIT M16 5457235016 DIAMOND TILE DRY CORE DRILL BIT M20 5457235020 DIAMOND TILE DRY CORE DRILL BIT M22 5457235022 DIAMOND TILE DRY CORE DRILL BIT M25 5457235025 DIAMOND TILE DRY CORE DRILL BIT M50 5457235050 DIAMOND THE DRY CORE DRILL BIT M60 5457235060 DIAMOND TILE DRY CORE DRILL BIT M82 5457235082 Gouge chisel Flat chisel Flat cutting edge: cleaning on Precise: destined for narrow cutting and reinforcements, joints restauration and prechannel creation for gas and water (pipping) marking on walls with less jamming and power supply lines. Article: Article: **Description: Description:** FLAT CHISEL L250W20MM 5523902220 GOUGE CHISEL 5523904222 Point chise Spade chisel Designed for hard-to-break materials, once The most suitable solution for wide surfaces all the impact energy of is concentrated at a breakage. Highly efficient on plaster removal, loosening soil / bitumen and point. screed removal. Article: **Description:** Article: **Description:** POINT CHISEL L250MM 5523901250 SPADE CHISEL L250-W40MM 5523903240



### Drills and chisels

## Cranked Chisel Twist drill bit assortment Cranked Shape: lift-up feature makes it a lesseffort operation for tile removal Affordable, robust steel assembly drill bits for applications in steel up to 850 N/mm strength Description: THE CHISEL L250W440MM Article: 5523905240 South Construction Strength



### Grinders and polishers

#### Dry sanding disc



High removal rate, long service life and highly flexible

#### Flap disc for steel and stainless steel



The robust flap disc with high performance values. Used to grind edges and surfaces, dressing and smoothing, deburring and for weld seam processing.

### Segmented Grinding Disc For Stainless Steel



Zirconia alumina, especially suitable for machining stainless steel





Zirconia alumina, with quick-change mounting

#### Description:

LAMELLA SANDING DISC 115MM P120 LAMELLA SANDING DISC 115MM P40 LAMELLA SANDING DISC 115MM P60 LAMELLA SANDING DISC 115MM P80 LAMELLA SANDING DISC 178MM P40 LAMELLA SANDING DISC 178MM P80

Article:

0577363004

0577363006 0577363008

0577363010

0577363012

0577363015

0577363018

0577363022

### - . . .

Description:

RED LINE FLAPPER DISC 115MM P120 RED LINE FLAPPER DISC 115MM P40

RED LINE FLAPPER DISC 115MM P60

RED LINE FLAPPER DISC 115MM P80

RED LINE FLAPPER DISC 178MM P120

RED LINE FLAPPER DISC 178MM P40

RED LINE FLAPPER DISC 178MM P60

RED LINE FLAPPER DISC 178MM P80

Description: 50MM P40 GRINDING PAD 50MM P60 GRINDING PAD 50MM P80 GRINDING PAD 75MM P40 GRINDING PAD - ROLOC SYSTEM 75MM P60 GRINDING PAD - ROLOC SYSTEM

#### Article: 0580005040 0580005060 0580005080 0580007540 0580007560 0580007580

Article:

0579580511 0579580514

0579580516

0579580518

0579580571

0579580574

0579580576

0579580578



### Grinders and polishers

#### Synthetic corundum vulcanised fibre disc



Description:
WURTH ALU OXIDE DISC 115MM P120
WURTH ALU OXIDE DISC 115MM P16
WURTH ALU OXIDE DISC 115MM P24
WURTH ALU OXIDE DISC 115MM P30
WURTH ALU OXIDE DISC 115MM P36
WURTH ALU OXIDE DISC 115MM P40
WURTH ALU OXIDE DISC 115MM P50
WURTH ALU OXIDE DISC 115MM P60
WURTH ALU OXIDE DISC 115MM P80
WURTH ALU OXIDE DISC 125MM P120
WURTH ALU OXIDE DISC 125MM P24
WURTH ALU OXIDE DISC 125MM P36
WURTH ALU OXIDE DISC 125MM P60
WURTH ALU OXIDE DISC 125MM P80
WURTH ALU OXIDE DISC 180MM P100
WURTH ALU OXIDE DISC 180MM P120
WURTH ALU OXIDE DISC 180MM P16
WURTH ALU OXIDE DISC 180MM P24
WURTH ALU OXIDE DISC 180MM P36
WURTH ALU OXIDE DISC 180MM P40
WURTH ALU OXIDE DISC 180MM P60
WURTH ALU OXIDE DISC 180MM P80

Tear-resistant, tough-elastic sanding discs



Vehicle dry abrasive paper disc RED PERFECT®

Used to sand fillers and filler compounds, old paints, HS top-coat paints, water-based paints, factory primers on new parts, plastic parts and composite fibre materials (e.g. GFRP).

Article:	Description:	Article:
0580115120	RED PERFECT SAND DISC 21HOLE P800	0581353080
058011516	RED PERFECT SAND DISC 21HOLE P1000	0581353100
058011524	RED PERFECT SAND DISC 21HOLE P1200	0581353120
058011530	RED PERFECT SAND DISC 21HOLE P1500	0581353150
058011536	RED PERFECT SAND DISC 21HOLE P2000	0581353200
058011540	RED PERFECT SAND DISC 21HOLE P2500	0581353250
058011550		
058011560		
058011580		
0580125120		
058012524		
058012536		
058012560		
058012580		
0580180100		
0580180120		
058018016		
058018024		
058018036		
058018040		
058018060		
058018080		

#### Wood dry sandpaper triangle



For machining veneers and solid wood, sanding edges, rims and flat parts.

#### Dry sandpaper roll wood, SPS quality



Dust-repelling features, hence no premature

clogging due to stearate coating

**Description:** 

SANDPAPER ROLL DRY P150 115MMX50M SANDPAPER ROLL DRY P180 115MMX50M SANDPAPER ROLL DRY P220 115MMX50M

Description: WOOD DRY SAND PAPER P100 WOOD DRY SAND PAPER P180 WOOD DRY SAND PAPER TRIANGLE 90MM P240 WOOD DRY SAND PAPER P40 WOOD DRY SAND PAPER P80 Article: 0581498100 0581498180 0581498240 0581498240 058149820



## Grinders and polishers

Dry abrasive paper roll wo	od KP perfect KP perfect	Sandpaper, waterproof	
0	For pre-sanding untreated softwood and hardwood, MDF, OSB (oriented strand board), veneered panels and plywood.		Silicon carbide
Description: WOOD KP PERFECT KPE PB0 50M	Article: 058311580	Description: WATERPROOF PAPER SIL CARB P100 WATERPROOF PAPER SIL CARB P180 WATERPROOF PAPER SIL CARB P200 WATERPROOF PAPER SIL CARB P200 WATERPROOF PAPER SIL CARB P300 WATERPROOF PAPER SIL CARB P300 WATERPROOF PAPER SIL CARB P400 WATERPROOF PAPER SIL CARB P400 WATERPROOF PAPER SIL CARB P400 WATERPROOF PAPER SIL CARB P400 WATERPROOF PAPER SIL CARB P1000 WATERPROOF PAPER SIL CARB P1500 WATERPROOF PAPER SIL CARB P1500	Article: 058411 100 058411 180 058411 220 058411 320 058411 320 058411 320 058411 400 058411 400 058411 400 058411 1000 0584111200 0584111200
Daisy disc		Fleece Segmented Grinding [	Disc
	Micro-fine water sandpaper used for the removal of dust inclusions and fine surface defects.		For cleaning and polishing unalloyed and high-alloy steels, aluminium and non-ferrous metals
Description: DAISY DISC 5964 089 308	Article: 05842000	Description: SNDDISC-NYIFIC-COARSE-115X22,23 SNDDISC-NYIFIC-MEDIUM-115X22,23 SNDDISC-NYIFIC-FINE-115X22,23 SNDDISC-NYIFIC-VERYFINE-115X22,23	Article: 0585311510 0585311518 0585311524 0585311540
Lambswool polishing pad,	white	Longlife coarse nylon abrasiv	e fleece disc
	For professional polishing work on heavily stressed and weathered paint surfaces.	6	Extremely fast cleaning and maximum service life when removing welding seams, scale, corrosion and coatings.
Description: LAMBSWOOL WHITE 200MM	Article: 0585195	Description: SNDDISC-NYLFAB-REDD100MM	Article: 0585333100
Nylon sanding fleece disc		Nylon Sanding Fleece Disc	
	For universal use on virtually all materials.		Nylon sanding fleece disc, intrchng clmpng mndrl



## Grinders and polishers

Description: AMBSKIN POLISHING PAD (BLACK) 135MM	Article: 0585135	Description: RUBBER ERASER DISC	Article: 058593
	For economical removal of scratched, dull and partially ground paint areas.	10 R 7.1.1 K	For removing adhesive residues and films or metallic surfaces.
Premium lambswool		Rubber Eraser	
Description: SREEN PAD (EXTRA HARD) 90X25MM SREEN PAD (EXTRA HARD) 145X25MM POLISHING PAD ORANGE (SOFT) 90MM POLISHING PAD ORANGE (SOFT) 145MM POLISHING PAD BLUE (HARD) 90MM POLISHING PAD BLUE (HARD) 145MM SLUE POLISHING PAD (HARD) 170MM	Article: 0585025090 0585025145 0585026145 0585026145 0585026170 0585027090 0585027145 0585027145 0585027170	Description: CLAY SPONGE	Article: 0585300110
			polishing results
	Polishing pads in different abrasive grades		Efficient deep cleaning and perfect preparation of painted surfaces for the best
Polishing pad waving 135mm Polishing pads	058528 130	MANUAL POLISHING PAD ORANGE (SOFT)	0585126130
Description:	Article:	Description:	Article:
	Extremely fine and soft polishing pad with hook and loop fastener for the removal of micro-scratches and holograms.	WWW NAPALARY THE MARK STORE THE MARK STORE THE MARK STORE THE	Ergonomic designed sponge pad for manua polish application
Wave polishing pad		Soft manual polishing pad	
Description: Clay Pad	Article: 0585300150	Description: MANUAL POLISH PAD BLACK (EXRTA SOFT)	Article: 0585128130
		ONE PETER ONE THE THE	
	Efficient deep cleaning and perfect preparation of painted surfaces for the best polishing results		Ergonomic designed sponge pad for manu polish application

BACKING PAD (ROLOC) 76MMX6MM SHAFT

058657802



#### Grinders and polishers Rubber Eraser Rubber Eraser For fast and easy removal of films, stickers For fast and easy removal of films, stickers and adhesive residues on metallic and paint and adhesive residues on metallic and paint surfaces. surfaces. Article: Article: **Description: Description:** FOIL ERASER FOR DBS 3500 058591 RUBBER ERASER WHEEL WATERBASED 0585910 Rubber eraser Hook and loop fastener support plate For fast and easy removal of films, stickers For dust-free working and optimum results. and adhesive residues on metallic and paint surfaces. Article: Article: **Description:** Description: RUBBER ERASER WHEEL 058596 VELCRO SEALBACKING DISC SOFT 150MM 0586661150 0586662150 BACKING PAD 21 HOLE FOR PNEUMATIC VELCRO SEALBACKING DISC HARD 150MM 0586663150 Hook and loop support plate Hook and loop fastener Support Plate M6 Special support plate with M6 receptacle for For fastening polishing pads, lambskins etc. use with compressed air polishers and with hook and loop mounting grinding machines. Article: Article: **Description: Description:** 058601 150 VELCRO BACKING PAD M6 - 75MM 0586585075 VELCRO BACKING PAD 150MM Holder Sanding Block Set Mounting adapter for small grinding media For use with hook-and-loop or adhesive daisy discs Article: Article: **Description: Description:** BACKING PAD 50MMX6MM SHAFT 058657801 SANDING BLOCK 05862000



## Grinders and polishers

Sanding Plate D 150 mm		Support plate	
	Sanding pad D 150 mm		Complete with clamping nut
Description: BACKING PAD 21 HOLE 150MM	Article: 0586652150	Description: BACKING PAD FOR ALU OXIDE DISC 115MM BACKING PAD FOR ALU OXIDE DISC 125MM BACKING PAD FOR ALU OXIDE DISC 180MM	Article: 0586580115 0586580125 0586580180
Abrasive pad		Vehicle finishing disc	
	Universal abrasive pad made from aluminium oxide for woodworking and metalworking.		For removing dust inclusions, paint runs, and orange peeling, as well as for fine sanding before polishing and matting of paint surfaces.
Description: Thin Sanding Sponge P120 Thin Sanding Sponge P220 Thin Sanding Sponge P80 Thin Sanding Sponge P80	Article: 058702 120 058702 220 058702 20 058702 80	Description: VEHICLE FINISHING DISC	Article: 0587841200
Sanding sponge	Universal sanding sponge made from aluminium oxide for woodworking and metalworking.	Sandwich rough grinding disc s	Speed High-performance, resin-bonded, fibre- reinforced rough grinding disc with particularly high and fast material removal rate
Description: THICK SANDING SPONGE P100 THICK SANDING SPONGE P120 THICK SANDING SPONGE P160 THICK SANDING SPONGE P200 THICK SANDING SPONGE P60 THICK SANDING SPONGE P80	Article: 058701 100 058701 120 058701 140 058701 220 058701 60 058701 80	Description: ZEBRA DUAL GRINDING DISC 115X6.0MM ZEBRA DUAL GRINDING DISC 125X6.0MM	Article: 0664181156 0664181256



### Grinders and polishers

#### Grinding wheel disc for steel



**Description:** 

GRINDING DISC STEEL 115X6X22.2MM

GRINDING DISC STEEL 125X6X22.2MM

GRINDING DISC STEEL 230X6X22.2MM

The robust grinding wheel with high performance values.

#### Longlife grinding disc



High-performance, resin-bonded, fibrereinforced rough grinding disc with a particularly long service life and high removal rate

Description: ZEBRA GRIND DISC STEEL 115X6X22.2MM ZEBRA GRIND DISC STEEL 180X6X22.2MM ZEBRA GRIND DISC STEEL 230X6X22.2MM Article: 0670161157 0670161808 0670162308

Article:

0672416004

0672416006

0672416008

For electrical abrasive file

#### Ceramic abrasive grain sanding belt



For sanding of pipes, pipe elbows and closed pipe structures, sanding welding seams, removing tempering colour, removing rust and scale.

**Description:** SNDBLCITHCG.G40.12X330MM SNDBL-CLTH-CG-G60-12X330MM SNDBLCITHCG.G80.12X330MM

Article: 0672816004 0672816006 0672816008

Article:

0669260116

0669260126

0669260236

CERALINE electric sanding file cloth-backed sanding belt

#### Combined abrasive fleece/cloth matting body (mixed corundum)



For shoulder-free matting, line matting, satin finish and removal of dirt and oxide layers on metal.



**Description:** 

CERAMIC SAND BELT P40

CERAMIC SAND BELT P60

CERAMIC SAND BELT PRO

Ideal for grinding in confined spaces e.g. in mould-making, container and apparatus engineering and pipeline construction.

**Description:** MATT FINISHING WHEEL 40X20X6 MATT FINISHING WHEEL 40X30X6 MATT FINISHING WHEEL 50X30X6

Article: 0672964218 0672964318 0672965318

Description:	Article
FLAP WHEEL 30X15X6 P120	06720103
FLAP WHEEL 30X15X6 P60	06720103
FLAP WHEEL 30X15X6 P80	06720103
FLAP WHEEL 40X20X6 P120	06720104
FLAP WHEEL 40X20X6 P60	06720104
FLAP WHEEL 40X20X6 P80	06720104
FLAP WHEEL 60X30X6 P120	06720106
FLAP WHEEL 60X30X6 P60	06720106
FLAP WHEEL 60X30X6 P80	06720106



With quick-change mounting. Compatible

Fabric sanding belt, manual sander

### Grinders and polishers

#### Mini Nylon Fleece Disc



Description: MINI NYLON FLEECE DISC MINI NYLON FLEECE DISC

Abrasive cloth roll

Article: 067322 50 067322 75 Small abrasives mini fleece disc



Description: MINI FLEECE DISC COARSE (BROWN) MINI FLEECE DISC MEDIUM (REDBROWN) MINI FLEECE DISC FINE (BIUE) MINI FLEECE DISC UITRA FINE (GREY)

MINI FLEECE DISC MEDIUM (RED-BROWN)

MINI FLEECE DISC ULTRA FINE (GREY)

MINI FLEECE DISC FINE (BILLE)

Cloth-backed sanding belt KGX KGX



#### **Description:**

ZEBRA EMERY CLOTH 28M X 30MM K120 ZEBRA EMERY CLOTH 28M X 30MM K180 ZEBRA EMERY CLOTH 21M X 30MM K180 ZEBRA EMERY CLOTH 21M X 30MM K80 ZEBRA EMERY CLOTH 28M X 40MM K180 ZEBRA EMERY CLOTH 28M X 40MM K180 ZEBRA EMERY CLOTH 21M X 40MM K80 ZEBRA EMERY CLOTH 28M X 50MM K100 ZEBRA EMERY CLOTH 28M X 50MM K100 ZEBRA EMERY CLOTH 21M X 50MM K400 ZEBRA EMERY CLOTH 21M X 50MM K60 ZEBRA EMERY CLOTH 21M X 50MM K60

067485080

and cast steel.

The professional tool made from specially fused pink alumina for universal use on steel

#### Specially fused alumina sanding tip, pink



Description:	Article:
CONICAL MOUNTED POINT 20X20MM	068021
ROUND MOUNTED POINT 16MM	068031
TAPERED MOUNTED POINT 13X20MM	068041
CYLINDRICAL CONE MOUNTED POINT 20X25	068051
CYLINDRICAL ROUND MOUNTED POINT20X25	068061
CYLINDER MOUNTED POINT 13X20MM	068072
DISC MOUNTED POINT 20X6MM	068073

Abrasive Cloth Roll

Compatible with 3M Roloc system



**Description:** 

ZEBRA SANDING BEIT 75 X 533MM P40 ZEBRA SANDING BEIT 100 X 610MM P40 ZEBRA SANDING BEIT 105 X 533MM P40 ZEBRA SANDING BEIT 105 X 610MM P40 ZEBRA SANDING BEIT 105 X 610MM P40 ZEBRA SANDING BEIT 105 X 533MM P100 ZEBRA SANDING BEIT 105 X 533MM P120 ZEBRA SANDING BEIT 105 X 533MM P120 ZEBRA SANDING BEIT 100 X 610MM P105 ZEBRA SANDING BEIT 100 X 610MM P105

#### Article: 0675040533 0675040510 0675060533 0675060510 0675080533 0675100533 0675100510 0675120533 0675120510 0675150533 0675150610

#### Clay Polish and Cleaner



Synthetic clay used for the removal of spray mist and other contaminants

#### Description:

POLISHING COMPOUND 200GR

Article: 08931571



## Grinders and polishers

Plastic hand sanding block		Vehicle dry sandpaper disc A	rizona® Perfect
	Robust plastic sanding block with two sandpaper holders and an abrasive pad with soft plastic backing.		For sanding old paint, fillers, filler compounds, plastics, factory primers on nev parts and matting of paintwork.
Description: Lastic hand sanding bloc	Article: 0899700321	Description: ARIZONA VELCRO NO HOLE 150MM P320 ARIZONA VELCRO DISC 21HOLE 150MM P40 ARIZONA VELCRO DISC 21HOLE 150MM P40 ARIZONA VELCRO DISC 21HOLE 150MM P100 ARIZONA VELCRO DSC 21HOLE 150MM P100 ARIZONA VELCRO DSC 21HOLE 150MM P120 ARIZONA VELCRO DSC 21HOLE 150MM P180 ARIZONA VELCRO DSC 21HOLE 150MM P180 ARIZONA VELCRO DSC 21HOLE 150MM P220 ARIZONA VELCRO DSC 21HOLE 150MM P220 ARIZONA VELCRO DSC 21HOLE 150MM P220 ARIZONA VELCRO DSC 21HOLE 150MM P200 ARIZONA VELCRO DSC 21HOLE 150MM P400 ARIZONA VELCRO DSC 21HOLE 150MM P600	Article: 5506333004 5506353004 5506353008 5506353010 5506353012 5506353012 5506353012 5506353022 5506353024 5506353024 5506353024 5506353040 5506353040 5506353060
/ehicle dry abrasive paper ro	oll Arizona® Perfect	Arizona® Perfect soft vehicle	dry abrasive paper
WATTH D POS	For sanding old paint, fillers, plastics, factory primers on new parts and matting of paintwork.		For fast, convenient sanding of hard-to-read areas, e.g. edges and curves, in addition to dry sanding
Pescription: NDPAPER ROLL DRY P320 115MMX50M NDPAPER ROLL DRY P400 115MMX50M	Article: 5506247132 5506247140	Description: DSPAP.ROLL-P150-115MMX25M DSPAP.ROLL-P180-115MMX25M DSPAP.ROLL-P240-115MMX25M DSPAP.ROLL-P240-115MMX25M DSPAP.ROLL-P240-115MMX25M	Article: 5506442115 5506442128 5506442122 5506442124 5506442132 5506442140
'ehicle dry sandpaper sheet,	Arizona® Perfect	Abrasive fleece roll	
	For sanding old paint, fillers, plastics, factory primers on new parts and matting of paintwork.		Open Clean & Finish fibre fabric for hand grinding, which can be used on both sides.
Description:           ABINET PAPER P60           ABINET PAPER P100           ABINET PAPER P120           ABINET PAPER P220           ABINET PAPER P200           ABINET PAPER P300           ABINET PAPER P500	Article: 5506144106 5506144108 5506144110 5506144112 5506144112 5506144122 5506144122 5506144122 5506144122 5506144120 5506144130	Description: FLEECE ROLL COARSE FLEECE ROLL MEDIUM FLEECE ROLL SINE FLEECE ROLLS GENERAL PURPOSE FLEECE ROLLS VERY FINE FLEECE ROLLS SUPER FINE	Article: 9500500432 9500500433 9500500434 9500500435 9500500436 9500500437



## Grinders and polishers

Edge sanding belt glass P60		Hand sanding pad Fleece	
	Edge sanding belt glass P60		Hand sanding pad Fleece
Description: SIA GLASS SANDING BELT 30X533 P60	Article: 9500500443	Description: FLEECE HAND PAD COARSE FLEECE HAND PAD MEDIUM FLEECE HAND PAD FINE FLEECE HAND PAD GENERAL PURPOSE FLEECE HAND PAD VERY FINE FLEECE HAND PAD SUPER FINE	Article: 9500500426 9500500427 9500500428 9500500429 9500500430 9500500431
Sanding belt cleaner		Sanding belt cloth	
	Lengthens belt service life	6	Sanding belt cloth, others
Description: SANDING BELT CLEANER	Article: 9500008726	Description: SIA GLASS SANDING BELT 30X533 P80 SIA GLASS SANDING BELT 30X533 P120	Article: 9500500262 9500500263
Universal sandpaper roll specif	ically for painters. Ideal for manual sanding, on plaster/render, on wood, on paint and plastic. Excellent for finishing work.		
Description: YELIOW ABRASIVE ROLL 115MMX50M P100 YELIOW ABRASIVE ROLL 115MMX50M P120 YELIOW ABRASIVE ROLL 115MMX50M P130 YELIOW ABRASIVE ROLL 115MMX50M P180 YELIOW ABRASIVE ROLL 115MMX50M P320 YELIOW ABRASIVE ROLL 115MMX50M P40 YELIOW ABRASIVE ROLL 115MMX50M P40 YELIOW ABRASIVE ROLL 115MMX50M P60 YELIOW ABRASIVE ROLL 115MMX50M P80	Article: 9500500415 9500500416 9500500417 9500500418 9500500419 9500500420 9500500421 9500500421 9500500422 9500500423		



#### Milling Carbide milling bit assortment Standard milling bits with staggered tooth system for universal machining of steel with a hardness 60HRC, cast iron, stainless steel, special alloys, hard and tough materials (e.g. Hardox) and hard non-ferrous metals. **Description:** Article: BURR SET 10 PCS 0616100 Tungsten carbide bur with MX teeth Standard milling bit with staggered tooth system for universal machining of steel with a hardness 60 HRC, cast iron, stainless steel, special alloys, hard and tough materials (e.g. Hardox) and hard non-ferrous metals. Article: **Description: Description:** CYLINDRICAL TYPE BURR 3X14X38 0616000000 SPOT WELD CUTTER TIP 10 MM CYLINDRICAL TYPE BURR 6X16X50 0616000011 CYLINDRICAL TYPE BURR 13X25X70 0616000041 CYL TYPE BURR TEETH ON END 6X16X50 0616001011 CYL TYPE BURR TEETH ON END 10X19X64 0616001031 CYL ROUND TYPE BURR 3X14X38 0616002000 CYL ROUND TYPE BURR 6X16X50 0616002011 CYL ROUND TYPE BURR 10X25X70 0616002031 CYL ROUND TYPE BURR 13X25X70 0616002041 BALL TYPE BURR 3X3X38 0616003000 BALL TYPE BURR 6X5X50 0616003010 BALL TYPE BURR 10X8X52 0616003031 BLUNT TAPERED BURR 6X16X50 0616004011 BIUNT TAPERED BURR 13X25X70 0616004041 CYL TAPERED TYPE BURR 13X22X67 0616005041

#### Tungsten carbide bur with aluminium teeth



The specialist tool for processing soft nonferrous metals, such as aluminium and aluminium alloys = 10% silicon, copper, brass and zinc. Also suitable for plastics and wood.

**Description:** CYL ROUND BURR ALU/PLAS 13X25X70

#### Spot weld replacement rasp



Article:

069801

Efficient and fast

Article:

0616002441

TAPERED TYPE BURR 13X32X76 CONICAL TYPE BURR 3X12X38 CONICAL TYPE BURR 6X16X50 CONICAL TYPE BURR 10X19X64 CONICAL TYPE BURR 13X25X70 POINTED CONICAL TYPE BURR 3X11X38 POINTED CONICAL TYPE BURR 13X22X67

Spot weld cutter

**Description:** 

Efficient and fast

Article:

06981

### Spot weld cutter



The economical standard spot weld cutter for loosening spot welds with pneumatic machines on conventional bodywork panels up to 850 N/mm2 strength on all kinds of vehicles

Article: **Description:** SPOT WELD DRILL HSCO 6MM VARIO-DRILL 071060 SPOT WEID DRILL HSCO 8MM VARIO DRILL 071080 SPOT WELD DRILL HSCO 9MM VARIO-DRILL 071090

#### Carbide cutting edges

SPOT WELD CUTTER COMPLETE 10MMX72MM

Long service life of reversible blades



ALCON DE THE

H and

**Description:** 82MM TCT PLANER BLADES Article: 071364 23

### 196

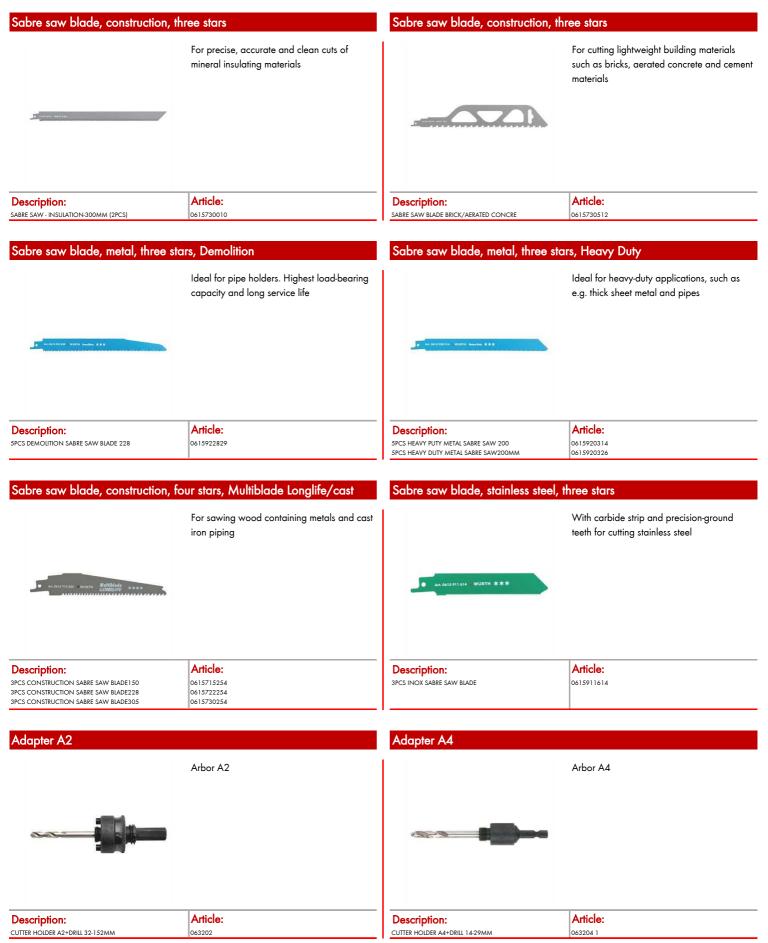


Multi-use bimetal bandsaw blade	)	Jigsaw blade, construction, one s	star
	Multi-use bi-metal bandsaw blade		High-quality jigsaw blade for higher demands. Specially suited e.g. for non- ferrous base metals
		ALLONG TA DOL - E WURTH +	
Description: BAND SAW BLADE 1440X13.0X0.6MM 11TPI BAND SAW BLADE 1440X13.0X0.6MM 14TPI	Article: 0602401442 0602401443	Description: 5PK WURTH JIGSAW FOR ALU (UP.CUT)	Article: 0608116008
Jigsaw blade, construction, one s	tar	Jigsaw blade, construction, one s	star
	Optimised tooth pitch for clean cutting of sandwich materials and thick sheet metal		Optimised tooth pitch for clean cutting of sandwich materials and thin sheet metal
		AAABBIIINK 1998/19	
Description: 5PK WURTH JIGSAW BLADE 110MM STEEL	Article: 0608116105	Description: 5PK WURTH JIGSAW BLADE 105MM STEEL	Article: 0608116106
Jigsaw blade metal a star		Jigsaw blade metal two stars	
	Optimised tooth pitch for clean cutting of e.g. thin sheet metals.		Clean cuts in e.g. non-ferrous base metals due to sharpened teeth
And Ant Open 11555. 2 Waterin 4		An order to the . B Southern	
Description: SPK WURTH JIGSAW BLADE FOR A2	Article: 060811593	Description: SPK WURTH JIGSAW FOR ALU (UP-CUT)	Article: 0608116104
Jigsaw blade, wood, two stars		Jigsaw blade, construction, three	stars
Jigsaw blade, wood, iwo siais	High-quality jigsaw blade for higher demands. For cutting e.g. wood and plate materials		For cutting abrasive and harder materials
An Good 11500 EWURTH **		Art. 0008 11392 IS WURTH ###	
Description: SPK WURTH JIGSAW HARD WOOD (UPCUT) SPK WURTH JIGSAW HARD WOOD (UPCUT) SPK WURTH JIGSAW HARD WOOD (UPCUT) SPK WURTH JIGSAW H+S WOOD (UPCUT) SPK WURTH JIGSAW BLADE WD/PL DOWNCUT SPK WURTH JIGSAW BLADE FOR WOOD JIGSAW BLADE WOOD SPCS	Article: 060811590 060811591 060811512 0608116100 0608116111 0608116112 0608116113	Description: 3PK WURTH JIGSAW BLADE FOR GL/FI	Article: 060811595



Jigsaw blade, construction, three	e stars multiblade	Sabre saw blade, wood, two sto	IFS
	The progressive tooth pitch makes it ideal for thin and thick materials while at the same time cutting quickly		With ground teeth for cuts with no tear-out i e.g. hard and softwood. Also suitable for curved and plunge cuts.
		א געניעיעיעיעיעיעיעיעיעיעיעיעיעייעיאייאיאיא אא אא געעעע גענעעע געעעעע געעעעעעעעעעע	
<b>Description:</b> pk wurth jig saw blade universal	Article: 0608116345	Description: SPK SABRE SAW BLADE WOOD 150X4MM	Article: 060803022
igsaw blade, wood, two stars		Jigsaw blade, construction, two	stars
	High-quality jigsaw blade for higher demands. For cutting e.g. laminate		High-quality jigsaw blade for higher demands. Specially suited for e.g. non- ferrous base metals
CARCHIGHT BI TWEEN **		Ar. 001507330 EWUITH ##	
Description: IPK ZEBRA JIGSAW LAMINATE/PLYWOOD	Article: 061507525	Description: SPK ZEBRA JIGSAW ALU/NON FERROUS	Article: 061507530
igsaw blade, metal, three stars	Longlife & Speed	Jigsaw blade, stainless steel, thre	ee stars
	Precise and right-angled cuts in e.g. sheet metal. Robust, fast and strong with a long service life		With carbide strip and precision-ground teeth for cutting stainless steel
Art. CO1500017. BWURTH ****		An. 0015 250 14 SWURTH ***	
Description: pk zebra jigsaw sheetmetal	Article: 061505012	Description: 3 STAF JIGSAW BLADE-MET-3 PCS A2-57	Article: 061525010
PK ZEBRA JIGSAW NON FERROUS PK ZEBRA JIGSAW METAL	061505015 061505020	3PK ZEBRA JIGSAW S/STEEL CARBIDE	061525014
Sabre saw blade, metal, two sta	IFS	Sabre saw blade, metal, two sta	rs
	Vario tooth pitch for burr-free and vibration- reduced cutting		With serrated teeth for effortless cutting of metals
		Ari. 0613 910 014 WURTH **	
Description: PCS METAL SABRE SAW BLADE 305MM	Article: 0615930526	Description: SABRE SAW - METAL 100MM 18TPI (SPCS)	Article: 0615910014

# 븢 WüRTH



### <u>Saws</u>

#### Cylinder saw, HSS bimetal Longlife & Speed HSCo8



Steel/stainless steel. Extremely fast drilling speed and long service life, even in solid stainless steel materials

#### HSS bimetal cylinder saw



For use in all steel materials, plus cast metal, copper, bronze, aluminium, plastics and wood

Article:

0632127

063219

063220

063221

063222

063225

063227

063230

063232

063235

063238

063240

063241

063243

063244

063246

063248

063251

063252

063254

063257

063264

063265

063267

063268

063276

063283

063289

063298

Guide drill bit A014D

#### **Description:** SAW-CYL-HSCO8-LS-MET-D19MM HSCO8 LS-MET HOLE SAW D20MM HSCO8 LS-MET HOLE SAW D22MM HSCO8 LS-MET HOLE SAW D25MM HSCO8 LS-MET HOLE SAW D30MM HSCO8 IS MET HOLE SAW D32MM HSSCO BI-MET HOLE SAW 35MM (BLACK) HSSCO BI-MET HOLE SAW 38MM (BLACK) HSSCO BI-MET HOLE SAW 40MM (BLACK) HSSCO BI-MET HOLE SAW 44MM (BLACK) HSSCO BI-MET HOLE SAW 46MM (BLACK) HSSCO BI-MET HOLE SAW 48MM (BLACK) HSSCO BI-MET HOLE SAW 51MM (BLACK) HSCO8 LS-MET HOLE SAW D54MM HSSCO BI-MET HOLE SAW 57MM (BLACK) HSCO8 LS-MET HOLE SAW D60MM HSSCO BI-MET HOLE SAW 64MM (BLACK) HSSCO BI-MET HOLE SAW 68MM (BLACK) HSCO8 LS-MET HOLE SAW D70MM HSCO8 IS-MET HOLE SAW D73MM CYLINDER SAW, HSS BI METAL HSCO8 HSCO8 LS-MET HOLE SAW D79MM HSCO8 LS-MET HOLE SAW D83MM HSSCO BI-MET HOLE SAW 89MM (BLACK) HSCO8 LS-MET HOLE SAW D92MM HSCO8 LS-MET HOLE SAW D102MM HSCO8 IS-MET HOLE SAW D111MM HSCO8 LS-MET HOLE SAW D114MM HSCO8 IS MET HOLE SAW D121MM HSCO8 LS-MET HOLE SAW D140MM HSCO8 LS-MET HOLE SAW D152MM

Article:
0632900019
0632900020
0632900022
0632900025
0632900030
0632900032
0632900035
0632900038
0632900040
0632900044
0632900046
0632900048
0632900051
0632900054
0632900057
0632900060
0632900064
0632900068
0632900070
0632900073
0632900076
0632900079
0632900083
0632900089
0632900092
0632900102
0632900111
0632900114
0632900121
0632900140
0632900152

Guide drill bit A014C

Description:	
B2000 HSS BI METAL SAW BLADE 127MM	
B2000 HSS BI-MET HOLE SAW 19MM	
B2000 HSS BI-MET HOLE SAW 20MM B2000 HSS BI-MET HOLE SAW 21MM	
B2000 HSS BI-MET HOLE SAW 21MM	
B2000 HSS BI-MET HOLE SAW 22MM B2000 HSS BI-MET HOLE SAW 25MM	
B2000 HSS BI-MET HOLE SAW 25MM	
B2000 HSS BI-MET HOLE SAW 27MM	
B2000 HSS BI-MET HOLE SAW 30MM	
B2000 HSS BI-MET HOLE SAW 32MM B2000 HSS BI-MET HOLE SAW 35MM	
B2000 HSS BI-MET HOLE SAW 35MM	
B2000 HSS BI-MET HOLE SAW 30MM	
B2000 HSS BI-MET HOLE SAW 40MM	
B2000 HSS BI-MET HOLE SAW 43MM	
B2000 HSS BI-MET HOLE SAW 44MM	
B2000 HSS BI-MET HOLE SAW 46MM	
B2000 HSS BI-MET HOLE SAW 48MM	
B2000 HSS BI-MET HOLE SAW 51MM	
B2000 HSS BI-MET HOLE SAW 52MM	
B2000 HSS BI-MET HOLE SAW 54MM	
B2000 HSS BI-MET HOLE SAW 57MM	
B2000 HSS BI-MET HOLE SAW 64MM	
B2000 HSS BI-MET HOLE SAW 65MM	
B2000 HSS BI-MET HOLE SAW 67MM	
B2000 HSS BI METAL SABRE SAW 68MM	
B2000 HSS BI-MET HOLE SAW 76MM	
B2000 HSS BI-MET HOLE SAW 83MM	
B2000 HSS BI-MET HOLE SAW 89MM	
B2000 HSS BI-MET HOLE SAW 98MM	

Guide drill bit A014D



Guide drill bit A014C

Description: PILOT DRILL A2 FOR 0632 02

FOR 0632 02

Adapter A2

For fastening accessories with 8-star mount to EMS 400



Description: ADAPTOR FOR 00703 8621

Article: 06965003

Article:

0632014



Professional automotive glazier set

This set is able to cut out almost 98% of all windscreens.



Description: CAR GLAZIER SET FOR 00703 8621 (9PCS Article:





	ıdapter		
	Special quality for higher strength bodywork panels on vehicles		Special quality for higher strength bodywor panels on vehicles
Description:	Article: 06969141	Description: SIG BLADE FOR WOOD/ALU/PLASTICS	Article:
AT MOUNT BLADE FOR WOOD/ALL/PLAST AT MOUNT FOR TIGHT RADII 18TPI AT MOUNT FOR DOUBLE & TRIPLE PANEL AT MOUNT FOR THIN SHEET METAL & HI	06969141 06969181 06969241 06969321	SIG FOR DUBLE & TRIPLE PANELS 24TPI SIG FOR THIN SHEET METAL & HIGHER ST	0696924 0696932
Starlock adapter		HSS saw blade	
61	Allows the use of any Starlock product on conventional multi-cutters with a SuperCut socket (bi-hex)	E de la recentación de la re	HSS saw blade
Description: NULTI CUTTER ADAPTOR	Article: 0696121100	Description: HSS VEHICLE BODY SAW BLADE BOMM	Article: 0696680
Starlock segmented saw bl	ade	Starlock saw blade, single t	ooth
** WURTH Ac tobo 121 412 **	Ideal for immersion cuts, ideal for work in corners and for setting door frames		The all-rounder on the construction site for rough separating and immersion cuts
	Article: 0696121412	Description: MULTI CUTTER SAW BIADE MULTI CUTTER SAW BIADE 65MMX40MM	Article: 0696121410 0696121411
AULTI CUTTER SAW BIADE 85MM		MULTI CUTTER SAW BLADE	0696121410 0696121411
Description: лицт ситтег saw вааде в5мм Starlock spatula		MULTI CUTTER SAW BIADE MULTI CUTTER SAW BIADE 65MMX40MM	0696121410 0696121411

# **WURTH**

Starlock carbide rasp		Starlock saw set	
WURTH TUNNY TUNY	The 3-in-1 professional tile tool for removing wall and floor tiles and sanding off tile grout when changing tiles	WURTH	The starter set with Starlock saw blades in the practical storage box for machining a wide range of materials on the construction site
	Article:	Description:	Article:
Description:	Allicio.	Description.	
AULTI CUTTER MILLING TOOL	0696121320		0696121000
AULTI CUTTER MILLING TOOL			0696121000
AULTI CUTTER MILLING TOOL		MULTI CUTTER ASSORTMENT	0696121000 Co8 Sysko 19–76mm 16pcs In system case. Extremely fast drilling speed
AULTI CUTTER MILLING TOOL	0696121320 Versatile timber cutting saw blades with thin	MULTI CUTTER ASSORTMENT	0696121000 Co8 Sysko 19–76mm 16pcs In system case. Extremely fast drilling speec and long service life, even in solid stainless



With trim cut form D for producing metric

and blind holes in the steel, non-ferrous

metals and cast iron material groups up to a

ISO standard threads by hand in accordance with DIN13 in through holes

strength of 800 N/mm

Article:

06402 10

06402 12

06402 14

06402 16

06402 20

06402 3

06402 4

06402 5

06402 6

06402 8

### Thread cutters

#### Hand tap set

#### **Description:**

HSS HAND TAP SET (3) M1OX1.5 HSS HAND TAP SET (3) M12X1.75 HSS HAND TAP SET (3) M14X2.0 HSS HAND TAP SET (3) M16X2.0 HSS HAND TAP SET (3) M18X2.5 HSS HAND TAP SET (3) M20X2.5 HSS HAND TAP SET (3) M3X0.5 HSS HAND TAP SET (3) M4X0.7 HSS HAND TAP SET (3) M5X0.8 HSS HAND TAP SET (3) M6X1 0 HSS HAND TAP SET (3) M8X1.25

Hand tap, third tap

**Description:** HSS HAND TAP 3RD CUT M10X1.5 Consisting of a taper tap (form A), a second tap (form D) and third tap (form C) for producing metric ISO standard threads by hand in accordance with DIN13 in through holes and blind holes in the steel, non-ferrous metals and cast iron material groups up to a strangth of 000 NI/mm

With trim cut form C for producing metric ISO standard threads by hand in accordance with DIN13 in through holes and blind holes in the steel, non-ferrous metals and cast iron material groups up to a

Article:
063910
063912
063914
063916
063918
063920
06393
06394
06395
06396
06398

strength of 800 N/mm

Article:

06403 10

06403 12

06403 14

06403 16

06403 20

06403 3

06403 4

06403 5

06403 6

06403 8

#### Hand tap, second tap



AND	TAP	2ND	CUT	M16X2.0	
AND	TAP	2ND	CUT	M20X2.5	
AND	TAP	2ND	CUT	M3X0.5	
AND	TAP	2ND	CUT	M4X0.7	
AND	TAP	2ND	CUT	M5X0.8	
AND	TAP	2ND	CUT	M6X1.0	
AND	TAP	2ND	CUT	M8X1.25	

#### Hand tap, taper tap

HSS H/

HSS H

HSS H/

HSS H

HSS H

	With trim cut form A for producing metric ISO standard threads by hand in accordance with DIN13 in through holes and blind holes in the steel, non-ferrous metals and cast iron material groups up to a strength of 800 N/mm		
Description:	Article:		
HSS HAND TAP 1ST CUT M10X1.5	06401 10		
HSS HAND TAP 1ST CUT M12X1.75	06401 12		
HSS HAND TAP 1ST CUT M14X2.0	06401 14		
HSS HAND TAP 1ST CUT M16X2.0	06401 16		
HSS HAND TAP 1ST CUT M20X2.5	06401 20		
HSS HAND TAP 1ST CUT M3X0.5	06401 3		
HSS HAND TAP 1ST CUT M4X0.7	06401 4		
HSS HAND TAP 1ST CUT M5X0.8	06401 5		
HSS HAND TAP 1ST CUT M6X1.0	06401 6		
HSS HAND TAP 1ST CUT M8X1.25	06401 8		

#### Hand tap, third tap

HSS HAND TAP 3RD CUT M12X1.75

HSS HAND TAP 3RD CUT M14X2.0

HSS HAND TAP 3RD CUT M16X2.0

HSS HAND TAP 3RD CUT M20X2.5

HSS HAND TAP 3RD CUT M3X0.5

HSS HAND TAP 3RD CUT M4X0.7

HSS HAND TAP 3RD CUT M5X0.8

HSS HAND TAP 3RD CUT M6X1.0

HSS HAND TAP 3RD CUT M8X1 25

Third tap with notch shape C for producing metric ISO fine threads according to DIN 13 manually in through holes and blind holes, in steel, non-ferrous metals and cast iron material groups up to a strength of 800

Round die in accordance with DIN EN

22568 in closed, pre-slotted design (shape

B) for the production of standard metric ISO

threads according to DIN 13 in steel up to

850N/mm strength and in cast iron.

**Description:** HSS HAND TAP 3RD CUT M10X1.25 HSS HAND TAP 3RD CUT M12X1.25 HSS HAND TAP 3RD CUT M12X1.5 HSS HAND TAP 3RD CUT M14X1.25

HSS HAND TAP 3RD CUT M14X1.5

N/mm. Article: 0642310125 0642312125 064231215 0642314125 064231415

#### Thread die



**Description:** DIE CIRCULAR M10X1.5 DIE CIRCUIAR M12X1 75

DIE CIRCULAR M5X0.8 DIE CIRCULAR M6X1.0 DIE CIRCULAR M8X1.25

#### Hand tap, taper tap

	Taper tap with notch shape A for producing metric ISO fine threads according to DIN 13 manually in through holes and blind holes, in steel, non-ferrous metals and cast iron material groups up to a strength of 800 N/mm.
Description:	Article:
HSS HAND TAP 1ST CUT M10X1.25	0642110125
HSS HAND TAP 1ST CUT M12X1.25	0642112125
HSS HAND TAP 1ST CUT M12X1.5	064211215
HSS HAND TAP 1ST CUT M14X1.25	0642114125
HSS HAND TAP 1ST CUT M14X1.5	064211415

#### Thread die



Round die in accordance with DIN EN 22568 in closed, pre-slotted design (shape B) for the production of metric ISO fine threads according to DIN 13 in steel up to 850N/mm strength and in cast iron.

**Description:** DIE CIRCULAR M12X1.5 DIE CIRCUIAR M14X1 5 Article: 065212 15 06521415



### Thread cutters

#### HSS SMART STEP combination tap bit

Min

The short HSS combination screw tap with unique SMART STEP technology for highly precise drilling, thread cutting and countersinking/deburring in a single operation.

#### Combi screw tap assortment



The short HSS combination screw tap with unique SMART STEP technology for highprecision drilling, thread cutting and countersinking/deburring in a single operation. Available in ORSY® system cassette

Description:	Article:
MATAP-COMBI-BIT-HSS-SMARTSTEP-M4	0653930400
MATAP-COMBI-BIT-HSS-SMARTSTEP-M5	0653930500
MATAP-COMBI-BIT-HSS-SMARTSTEP-M6	0653930600
MATAP-COMBI-BIT-HSS-SMARTSTEP-M8	0653930800
MATAP-COMBI-BIT-HSS-SMARTSTEP-M10	0653931000
HSS MACHINE TAP M10	06539710
HSS MACHINE TAP M3	0653973
HSS MACHINE TAP M4	0653974
HSS MACHINE TAP M5	0653975
HSS MACHINE TAP M6	0653976
HSS MACHINE TAP M8	0653978

#### HSS SMART STEP combination tap bit



**Description:** 

Machine tap

MATAP-COMBI-BIT-HSS-SMARTSTEP-M3

The short HSS combination screw tap with unique SMART STEP technology for highly precise drilling, thread cutting and countersinking/deburring in a single operation.

The innovative specialist for general, wide-

ranging applications in steels up to a

strength of 1,200 N/mm.

#### Machine screw tap

Description:

MATAP-SET-COMBI-BIT-SMARTSTEP-(M3-M10)

HSS MACHINE TAP SET (M3-M10)



The blue ring machine tap for general, wideranging applications in long-chipping, nonalloyed steels up to a strength of 850 N/mm.

Description: MACHINE SCREW TAP HSCO BLUE M10 MACHINE SCREW TAP HSSE BLUE M12 MACHINE SCREW TAP HSSE BLUE M3 MACHINE SCREW TAP HSCO BLUE M4 MACHINE SCREW TAP HSCO BLUE M5 MACHINE SCREW TAP HSCO BLUE M6 MATAP.THRGHO.HSCO.NEOTAP.BLUE.M6 MACHINE SCREW TAP HSCO BLUE M8

Article:

0653930007

0653971

#### Machine tap assortment



Consisting of precision twist drill bits and through-hole screw taps for general, wideranging applications in steels up to a strength of 850 N/mm. Available in the ORSY® system cassette.



1000

Description:	
MATAP-THRGHO-HSCO-NEOTAP-BLUE-M4	
MATAP-THRGHO-HSCO-NEOTAP-BLUE-M8	
MATAP-THRGHO-HSCO-NEOTAP-BLUE-M10	

Article: 0653700400 0653700800

Article:

0653930300

Description: MATAP-SORT-THRGHO-BLUE-{M3-M12}-14PCS Article: 0653700014



### Thread cutters

Tap wrench		Die holder	
	Performance tap wrench for mounting tools with square shank according to DIN 10 with redesigned reinforced body as well as knurled handles for very high loads.	<b>Č</b>	Performance thread-cutting die holder made from die-cast zinc for mounting round thread- cutting dies in accordance with DIN EN 22568, DIN EN 24231 and factory standard with newly designed, reinforced body, as well as black coated handles made of steel for very high loads.
Description: Tap wrench adjustable sz. 1 (m1·m10) Tap wrench adjustable sz. 2 (m4·12) Tap wrench adjustable no.3 (m5·m21)	Article: 0657800100 0657800200 0657800300	Description: DIE WRENCH NO.2 (M5:M6) DIE WRENCH NO.4 (M10:M11) DIE WRENCH NO.5 (M12:M14)	Article: 0659800200 0659800400 0659800500
Die stocks		Tool holder with ratchet	
;`	With screw-on steel handles for accepting closed and slotted dies according to DIN EN 22568 and DIN EN 24231.		Tool holder with ratchet, long model
Description: DIE WRENCH NO.3 (M7.M9)	Article: 06593	Description: RATCHET TAP HOLDER M3-M10 250MM LONG	Article: 071542 03
Tool holder with ratchet		Thread cutting tool set	
	Tool holder with ratchet, short model		The complete assortment for producing M3- M12 standard metric ISO threads in steel up to 850 N/mm strength and in cast iron.
Description: RATCHET TAP HOLDER M3:M10 85MM LONG RATCHET TAP HOLDER M5:M12 100MM LONG	Article: 071542 01 071542 02	Description: Threading cutting tool set HSS M3-12	Article: 5964065244

#### HSS M3-M20 thread-cutting tool set



The complete assortment for producing M3-M20 standard metric ISO threads in steel up to 850 N/mm strength and in cast iron.

Description: TAP/DIE SET HSS M3-20 (67PCS) Article: 5964065267



### Soldering, brazing

Electric soldering iron	High-performance soldering iron with nickel-	Electric soldering iron	Electric soldering iron, 15 W/30 W
	plated copper tip and Schuko plug for rough soldering work		
			_
Description:	Article: 071594005	Description: SOLDERING IRON ELECTRIC 230V/15W	Article: 071594003
Butane gas		Chisel-shaped soldering tip	
E WURTH EYYANGAS EYYANGA	High-quality butane gas for re-filling gas soldering units, lighters etc.		Chisel-shaped soldering tip for WGLG 1300
Description: BUTANE GAS 100ML REFILL	Article: 0893250001	Description: SOLDERING TIP, CHISEL SHAPED 2.4MM	Article: 0984990430
Gas soldering device, ES-660/	М	Hot Knife	
	With electronic ignition and eight parts for three functions: Soldering, drying gun and burner		Hot knife for soldering iron
	Article: 0984990300	Description: SOLDERING TIP, CUTTER	Article: 0984990450
GAS SOLDERING SET			
Description: GAS SOLDERING SET Soldering tip		SOLDERING TIP, CUTTER	



### Soldering, brazing

### Soldering tip



Description: SOLDERING TIP, HOT AIR NOZZLE Article: 0984990380

For gas soldering device ES-660M

#### Electrical soldering gun 230 V 60 W assortment



Ready to use immediately thanks to short heat-up time

**Description:** 6 PIECE SOLDERING GUN KIT





### Soldering, welding fillers

	MIG Welding Wire Flux Cored	
MIG welding wire ER70S-6		Versatile welding capability on a variety of base metals, allows for gasless Welding
Article: 0982005002	Description: WELDWRE.MIG.W.FLUXCRED1,2MM WELDWRE.MIG.W.FLUXCRED0.9MM	Article: 0982005001 0982006001
	Electronic solder	
Fitting solder no. 3	0	Electronic solder, others
Article: 098713 0987132	Description: SOLDER RESIN 1.60MMX500GR (40T2) SOLDER RESIN 1.60MMX250GR (40T2) SOLDER RESIN 2.00MMX500GR (40T2) SOLDER RESIN 2.00MMX250GR (40T2)	Article: 9500500404 9500500405 9500500406 9500500407
	Welding electrode rutile AWS /	A5.1 E6013
Metal solder no. 4	0	Welding electrode rutile AWS A5.1 E6013
Article: 9500500461 9500500462	Description: GENERAL PURPOSE ELECTRODE 2.5MM GENERAL PURPOSE ELECTRODE 3.2MM	Article: 9500500394 9500500395
	Article:         092005002         Fitting solder no. 3         Article:         098713         0987132         Metal solder no. 4         Article:         93030041	MIG welding wire ER70S-6          Article:       Description:         vectoring solder no. 3       Electronic solder         Fitting solder no. 3       Electronic solder         Article:       Operation:         0997132       Description:         0997132       Description:         Vectoring solder no. 4       Image: Comparison of the solder of the



### Welding

vvelding			
Welding spray Perfect		Welding spray Plus	
CONTRACTOR CONTRACTOR VIDING SPAT Marco	Biological welding protection spray for aluminium, structural steel, non-ferrous base metals, stainless steels and welding torch nozzles.		Biological welding protection spray for aluminium, structural steel, non-ferrous metals, stainless steel
Description: WELDSPRAY PERFECT 400ML	Article: 0893102100	Description: ANTI SPATTER PROTECTION SLITRE	Article: 0893102005
Belt		Gas Manometer for MIG 200	
0	Belt for welding inverter machine		Precise regulator suitable for welding and cutting industry
Description: CARRY BELT FOR EW1160/EW1200	Article: 0984001006	Description: ARGON/CO2 FLOE REGULATOR 30LITER/MM	Article: 0984350002
Ceramic gas nozzle		TIP HOLDER & SPRING SET	
Ŭ	Ceramic gas nozzle		Made of high quality copper material
J			
Description: CERAMIC NOZZLE #7	Article: 0984017007	Description: TIP HOLDER MB15AK, GAS DIFFUSER	Article: 0984017001
Earth clamp 300A		Electrode earthing cable	
	For EWI 140S / EWI 160S / EWI 180S / EWI 200S		Electrode earthing cable
Description: EARTH CLAMP 300A	Article: 0984001300	Description: EARTH CABLE 4M, 16MM2 200A EARTH CABLE 4M, 25MM2 300A	Article: 0984001009 0984001010



### <u>Welding</u>

Electrode holder 300A		Electrode welding cable	
	Electrode holder 300A - german type		For electrode welding inverter EWI 180S/EWI 200S
Description:	Article:	Description:	Article:
ELECTRODE HOLDER 200A	0984002300	ELECTRODE CABLE 4M, 25MM2 200A	0984002200
Electrode welding cable		TIG torch	
	Electrode welding cable		For EWI 140S / EWI 160S / EWI 180S / EWI 200S
Description:	Article:	Description:	Article:
ELECTRODE CABLE 4M, 16MM2 200A	0984001200	LIFT TIG TORCH 4M	0984001008
WELDING CART		Wire feed roll	
	Constructed of all steel for a durable, long- lasting product		For MIG 180-5 / MIG 180-5S /MIG 200 LCD
Description: Welders CART	Article: 0984001005	Description: WIRE FEED ROLL 0.8-1.0MM ALUMINIUM WIRE FEED ROLL 0.60.8MM WIRE FEED ROLL 0.8-1.0MM	Article: 0984180001 0984180002 0984180003

# 븢 WüRTH

# MEASURING EQUIPMENT



WURTH

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INFRARED LASER THERMOMETER

71553 110



# Measuring instruments

#### Automatic test lamp Visual anti-freeze, battery and Ad Blue tester Heavy-duty brass design with test probe and For reliable testing of radiator anti-freeze, battery acid and AD Blue in one unit protective cap Article: Article: **Description: Description:** TEST LAMP METAL 6-24V 069500224 OPTICAL ANTI FREEZE TESTER 0704510 Digital multimeter MM 600 TRMS Digital multimeter Modern, digital multimeter with effective Compact and simple use for safe and value measurement (TRMS), cable break reliable measurements, suitable for detector and LED pocket torch for troubleshooting electronic and electrical professional use in trade and industry. systems. Article: Article: **Description:** Description: MULTIM-DGT-(MM 600 TRMS) 071553 415 DIGITAL MULTIMETER TRMS6000 071553 371 Endoscope probe Car tester With voltage testing and polarity Endoscope probe determination (+/-) Description: Article: Article: Description: TEST LAMP POSITIVE AND NEGATIVE 071553 07 PROBE 1M FOR IMAGE GUIDE SCOPE 071553 776 Infrared laser thermometer Mini digital multimeter For contact-free measurement of surface Small measuring instrument for measuring temperatures, with integrated laser pointer direct and alternating current, resistance testing, continuity testing, diode testing and contactless voltage testing Article: Article: **Description: Description:**

MULTIMETER DIGITA

071553 370



# Measuring instruments

Transparent single-pole volte	age tester	Two-pin voltage tester M	ulti-Tester Pro II LCD
0	With permanently integrated glow lamp and flat-blade screwdriver blade		Overvoltage category CAT IV (1,000 V) - suitable for use in electrical installation and servicing work, and for testing hybrid and electric vehicles and photovoltaic systems
Description: SINGLE POLE VOLTAGE TESTER	Article: 071553 05	Description: ELMO MULTI TESTER	Article: 071553 175
Video endoscope PRO Dua		Voltage tester Test Plus	
	For perfect viewing and documentation via video recording and/or image capture in inaccessible places	O to PA	Contactless voltage tester with torch function (LED)
Description: ENDOSCOPPRO-90DGR-D4,9MM	Article: 071553 757	Description: ELMO TESTER	Article: 071553 100
Anti-freeze tester		Position finder MD 12	
	For ethanediol (ethylene glycol) and water mixtures, with the exception of G13		Digital position finder for locating metal, wood and electrical cables
Description: ANTI FREEZE TESTER FOR COOLANT	Article: 08536001	Description: MULTI DETECTOR MD12	Article: 5709300800
Multi-function test lamp	Continuity test and polarity measurement		
Description: MULTIFUNCTION 6-24V DC TESTER	Article: 6030300340		



#### Measuring tools Angled magnet Back square Magnetic angle fixer for fast holding and Square can be safely placed on e.g. steel fixing during welding and soldering work plates and as a work aid Article: Article: **Description:** Description: MEASURING SQUARE 150X250MM MEASURING SQUARE 150 X 300MM 0695940382 0695940383 ANGLED MAGNET 0691180 **Rafter Square** Steel measuring ruler Very Handy and light weight for quick Steel rule stainless steel A2 measurements and scribing, can be used as a Try Square, Miter Square, Saw Guide, Line Scriber, Protractor, Level, and Angle Finder. Article: Article: **Description: Description:** RAFTER SQUARE 17.8CM RAFTER SQUARE 29CM 0695940372 STEEL RULER 30CM 0695072300 0695940373 3/4 inch torque wrench Steel square Steel square with stop, DIN 7168 3/4 inch torque wrench 8 5 Article: Article: **Description: Description:** TRY-SQUARE 400X230 0695940366 TORQUE WRENCH 3/4" 300-1000NM 071471 25 TRQWRNCH-REVRTCH-3/4IN-(110-550NM) 071471 26 Light metal spirit level Fibreglass tape measure capsule Complete with 3:1 crank ratio for retracting Stable rectangular profile with smooth lateral the tape three times faster surfaces • 🕕 Article: Article: **Description: Description:** 0714644203 FIBREGLASS TAPE MEASURE CAPSULE 30M 0714641623 SPIRIT LEVEL 300MM LM SPIRIT LEVEL 100CM 0714644210



# Measuring tools

Pocket tape measure		Telescopic rule	
WURTH Photosics	High-quality tape measure with plastic housing for simple measuring of all measuring ranges.		Analogue measuring tool for vertical and horizontal measurements.
Description: TAPE MEASURE 3 METRE TAPE MEASURE 5 METRE TAPE MEASURE 8 METRE 3/8inch torque wrench push-	Article: 071464 566 071464 567 071464 568	Description: MESSFIX 3METER MESSFIX SMETER 1/2inch torque wrench push-t	Article: 0714642103 0714642105
	Torque wrench with 3/8 inch push-through square mount and ratchet head		Torque wrench with 1/2inch pass-through square mount and ratchet head
		() kan sa	
Description: TRGWRNCHPSHTHRG3/8IN-[20-100NM]	Article: 0714720100	Description: TRGWRNCHPSHTHRG-1/2IN(40-200NM)	Article: 0714720200



Vernier callipers, digital		Precision gauge vernier calliper	
	Vernier callipers with thumb roller, locking screw and depth gauge.	t C	Precision vernier gauge with dial
Description:	Article:	Description:	Article:
DIGITAL VERNIER CALLIPER	071576 19	ANALOGUE DIAL VERNIER	071576 10



# Measuring tools

<u>Medsoning loois</u>			
/ernier calliper	Vernier gauge with moment fixed position	Wooden folding rule	Measuring tool conforms to EEC precision class 3
Description: ernier caliper 150mm-8"Long	Article: 071576 01	Description: WOODEN FOLDING RULE 2M	Article: 0993000050
aser distance meter		Laser distance meter	
A STREET A S	Precise laser distance meter, measuring range up to 30 M		Precise laser distance meter, measuring range up to 50 M
Description: ASER DISTANCE MEASURER 30MTR	Article: 5709300530	Description: LASER DISTANCE MEASURER 50MTR	Article: 5709300550
Laser range finder WDM 3-1	Handy, lightweight and very precise distance meter for measuring lengths and calculating areas	Laser range finder WDM 8-14	Highly-precise distance measuring unit according to ISO standard 16331-1
Description: LASER DISTANCE MEASURER 100MTR MAX	Article: 5709300523	Description: LASER RANGE FINDER WDM 8-14 (200M)	Article: 5709300515
Multi-line laser			
WURTH	1 horizontal and 2 vertical 360 ° green laser beams provide fine, bright lines for alignment of wherever accurate verticals and horizontals are required. Typically used for construction, decoration and in the cabinetry industries.		
Description:	Article		

Description: Article: INELASR-(MULTI LINE)-MLG 19 5709300042

# 븢 WüRTH

BUN

# PIN DRIVER TECHNOLOGY



# Pin driver technology



# Direct installation wood

	<u>Noou</u>		
Type 80 staples		Type WX brad nail, zinc-plate	d steel, blue passivated (A2K)
	Galvanised steel, blue passivated (A2K)		Steel zinc plated type WX
0			
Description: STAPLES 1/2" CROWN 6MM (20000) STAPLES 1/2" CROWN 8MM (20000) STAPLES 1/2" CROWN 10MM (20000) STAPLES 1/2" CROWN 12MM (20000) STAPLES 1/2" CROWN 16MM (20000) STAPLES 1/2" CROWN 16MM (20000)	Article: 048012906 048012908 048012910 048012912 048012914 048012916	Description: TYPE WX NAIL 16MM (5000) TYPE WX NAIL 19MM (5000) TYPE WX NAIL 25MM (5000) TYPE WX NAIL 35MM (5000) TYPE WX NAIL 35MM (5000) TYPE WX NAIL 45MM (5000)	Article: 048012 16 048012 19 048012 25 048012 30 048012 38 048012 38
Pneumatic nailer DSK 1555		Pneumatic staple gun DKG 4	16
	Especially lightweight and handy nailer for nails with a diameter of 1.2 mm and a length of 15–54 mm		Very lightweight, powerful device for processing staples with a width of 12.8 mm and a length of 4–16 mm
Description: NAILER	Article: 07035470	Description: STAPLER	Article: 07035480
Rechargeable battery		DIGA charger	
	Battery DIGA WO		Charger, DIGA WO
Description: PIN DRIVER DIGA BATTERY PACK	Article: 0864903	Description: PIN DRIVER DIGA BATTERY CHARGER	Article: 0864902
Nail gun, pneumatic		O-ring 18G set	
radii gon, pheomaile	Direct installation device pneumatic, others		O-ring 18G set
0		8	
	Article:		Article:
HEADLESS PINNER/NAILER	9500500277	18G BRAD NAILER 'O' RING KIT	9500500279

# Pin driver technology



# Direct installation wood

Panel pin, pneumatic nailer		Split pin
	Panel pin, others	Vertical A2 split pins for pin driver
Description: 16G TBRAD NAIL 25MM (2500) 16G TBRAD NAIL 50MM (2500) Staple steel zinc plated anot	Article: 9500500021 9500500023	Description:         Article:           HEADLESS PIN 12MM-01703 11 22(20000)         9500500011           HEADLESS PIN 15MM-01703 11 22(20000)         9500500012           HEADLESS PIN 22MM-01703 11 22(20000)         9500500013
0	Staple, others	Plain steel
Description: STAPLE 16MM 1/2" (10000)	Article: 9500500014	Description:         Article:           F MEDIUM HEAD PIN 15MM (5000)         9500500015           F MEDIUM HEAD PIN 20MM (5000)         9500500016           F MEDIUM HEAD PIN 25MM (5000)         9500500017           F MEDIUM HEAD PIN 25MM (5000)         9500500018           F MEDIUM HEAD PIN 38MM (5000)         9500500019           F MEDIUM HEAD PIN 38MM (5000)         9500500019           F MEDIUM HEAD PIN 45MM (5000)         9500500019

# Pin driver technology



# <u>W1/4003</u>

Clamp W-QUICLIP PLUS		Collated nails and gas cartridge NG CS-2 HFB	
	Suitable for DIGA® CS-2 POWER and DIGA® CS-3		High-quality stepped nail, diameter 3.0mm, specially designed for fixtures in high- strength concrete, compatible with DIGA CS 2 Power
Description: clip w-quicclip plus diga clip w-quiclip plus 25:32MM	Article: 0864935205 0864935262	Description: Fuel cell & Collated Nails 22MM	Article: 0864951222
	1000-100202	1	
	1	W-RO 13 round plate	
High-performance gas-powe	1	W-RO 13 round plate	Suitable for DIGA® CS-2 POWER and DIGA® CS-3

# 븢 WüRTH







# **Plumbing and HVAC**



# Installation sanitation/HVAC

Hemp		Installation putty	
(Free S	For sealing off metal screw connections in conjunction with thread sealant paste		Non-hardening sealing compound with plastic base
Description: IEMP 200gr	Article: 0876007200	Description: INSTALLATION PUTTY - WHITE	Article: 0892756
PTFE thread-sealing tape		l i i i i i i i i i i i i i i i i i i i	
The second	Used to seal thread connections		



# PNEUMATIC TOOLS





# Pneumatic machines

	<u> </u>		
Adapter brush belt		Pneumatic riveter	
	For accepting brush belts		High powered and durable pneumatic riveters for unrivalled performance in ferrou and non-ferrous materials.
Description: 23MM FLANGES FOR 00703 360 1	Article: 07033502	Description: RIVETER 1/4IN	Article: 0703937014
Pneumatic Blind Riveter		Brush belt, coarse	
	High powered and durable pneumatic riveters for unrivalled performance in ferrous and non-ferrous materials.		Especially suitable for applications involving welding seams, contours and edges. With sand blasting effect, ensures a good primer for tin coating and trowel application
Description: AIR RIVETER-MAX CAPASITY 3/16"4.8MM	Article: 0703937316	Description: BRUSH BELT BLUE (COARSE) 23MM	Article: 07033501
	1	BRUSH BELT BLUE (COARSE) 11MM	070335051
Brush belt, fine		Needle scaler attachment	
	Ideal for derusting and cleaning work as well as for the removal of seals from grey cast iron.		Needle scaler attchmnt., pneumatic chippin hammer
Description: BRUSH BELT GREEN (FINE) 23MM BRUSH BELT GREEN (FINE) 11MM	Article: 07033503 070335031	Description: NEEDFLE SCALER FOR CHIPPING HAMMER	Article: 0703712008
		·	
Pneumatic reversible angle dri	High Comfort & Handling. Especially designed to get into hard to reach areas where pistol types are not accessible	Pneumatic angle grinder	Powerful, handy machine for sanding, cuttin and roughing work
Description: ANGLE DRILL REVERSIBLE 10MM	Article: 07037940	Description: ANGLE GRINDER 125MM	Article: 07038570



## **Pneumatic machines**

# Pneumatic angle grinder DWS 115 plus Powerful, handy machine for sanding, cutting and roughing work.



Pneumatic chipping hammer DMH 10

Pneumatic belt sander

**Description:** 

BELT SANDER 10MM

Handy and compact pneumatic belt sander for 10x 330-mm grinding belts. For grinding, deburring and satin finishing in hard-to-reach places.

Extremely robust, powerful chipping hammer with optimal weight distribution and vibration

damping. Ideal for all bodywork, including

extraction of body panels, rough removal of coatings or removal of rust from metal parts

Long-life, handy rod grinder, angled design,

with tool-free speed control and rubberised

handle to protect against vibrations and cold

Article:

07032710

Article:

07037121

hands.

Article:

0703231014

 Description:
 Article:

 ANGLE GRINDER 115MM
 07038550

Article:

0703360

Article:

07032300

#### Pneumatic Brush Grinder



Very lightweight and handy drive machine to save you time when removing underbody seal, sealing compounds, paint, rust and films

Description: PNEUMATIC BRUSH GRINDER DBS 3600

#### Pneumatic die grinder DSG 25



Long-life, handy rod grinder, straight design, with tool-free speed control and rubberised handle to protect against vibrations and cold hands.

gn, d old

Pneumatic grinder DSW 22

**Description:** 

CHISEL HAMMER

Description: ANGLED ROD GRINDER

#### Pneumatic drill

**Description:** 

ROD GRINDER



Very compact and handy reversible drill with 10mm high quality keyless drill chuck

#### Pneumatic Sanding Machine



Powerful sanding machine designed for rouging body filler, removing rust, smoothing welds and other sanding jobs.

Description:	Article:	Description:
DRILL 10MM PNEUMATIC STD	07037980	SANDER DSM 450 (175MM PAD)

Article: 0703000880



# Pneumatic machines

#### Pneumatic hand-held sander DSW 15



**Description:** 

HAND HELD SANDER

**Description:** 

IMPWRNCH-PN-(DSS1IN-P)

Powerful, small pneumatic hand-held sander for repairing minor paintwork damage



PNEUMATIC IMPACT SCREWDRIVER

Pneumatic impact screwdriver DSS 1 inch L



Pneumatic impact screwdriver DSS 1 inch P

Pneumatic impact screwdriver DSS 1/2 inch H

Extremely rugged, powerful impact screwdriver with fast build-up of torque. Ideal for tough applications, such as service work on trucks and buses, construction and agricultural machinery, and for industrial service and repair work.

Reliable, powerful impact screwdriver with

fast build-up of torque

Article:

07032320

Article:

07037750

Article:

07037360

## with outstanding power-to-weight ratio in its class.

Description: 1" COMPOSITE IMPACT WRENCH Article:

Article:

07033030

#### PNEUMATIC IMPACT SCREWDRIVER



1/2" COMPOSITE IMPACT WRENCH

Reliable, compact impact screwdriver in a rugged, fibreglass reinforced plastic housing, with strong performance and enhanced equipment features

Very durable and powerful impact wrench

Description: 1/2" IMPACT WRENCH

#### PNEUMATIC IMPACT SCREWDRIVER



High-quality impact screwdriver in robust, fibreglass-reinforced plastic housing, with above-average performance and enhanced equipment features.

 Description:
 Article:

 3/4" COMPOSITE IMPACT WRENCH
 07033040



Reliable, powerful impact screwdriver with fast build-up of torque

Description: 3/4" IMPACT WRENCH

Article: 07037730



# Pneumatic machines

Pneumatic mini polisher DMP 23	5	Pneumatic multi-cutter	
	Small compressed air polisher for repairing minor paintwork damage		Powerful unit used for removing adhered ca windows, for vehicle body cutting tasks and for grinding corners and edges. Supplied in a case with three cutting blades.
Description: MINI POLISHER	Article: 07032330	Description: MULTI CUTTER PNEUMATIC DMC 2	Article: 07038631
Pneumatic Mini Cutter		Pneumatic polishing machine	
	Very durable mini cutter, excellent for cutting through composite, fiberglass, steel metal, bolts, clamps.		Very powerful and durable polishing machine for polishing painted surface.
Description: MULTI CUTTER DMC 75 (75MM)	Article: 07038530	Description: POLISHER DPM 250 POLISHING MACHINE PAD7INCH-M14	Article: 0703000870 0703000871
Pneumatic Ratchet Screwdriver		Pneumatic Ratchet Screwdriver	
	Compact, lightweight and durable ratchet driver with speed regulation		Durable ratchet driver with speed regulation and rubberized handle for the prevention of vibrations and cold hands.
Description: 1/2" RATCHET	Article: 0703812001	Description: 1/2" RATCHET	Article: 07038110
Pneumatic Ratchet Screwdriver		Pneumatic Ratchet Screwdriver	
	Durable ratchet driver with speed regulation and rubberised handle for the prevention of vibrations and cold hands.	WURTH	Durable ratchet driver with speed regulation and plastic handle for the prevention of vibrations and cold hands.
Description: RATCHET SCREWDRIVER DRS1/4IN	Article: 07038150	Description: RATCHET SCREWDRIVER DRS3/BIN-4CMF	Article: 07038390



# Pneumatic machines

16G AIR BRAD NAIL GUN 19-50MM

Pneumatic ratchet screwdriver D		Pneumatic pistol screwdriver	
0	Durable ratchet screwdriver with speed regulation and plastic handle to protect against vibrations and cold hands.		With adjustable friction clutch for precise torque control.
Description: /8" ratchet	Article: 07038380	Description: GUN SCREWDRIVER DPS1/4IN-HEX	Article: 0703438
Blow-out gun		Extension nozzle	
	Blow-out gun	*	Angled shape for hard-to-reach areas
Description:	Article:	Description: EXTENSION NOZZLE FOR BLOW-OUT GUN	Article: 071492 15
	V/ 1472  13		0/1472-13
Pneumatic blow-off pen	Adjustable flow rate, compact pocket size	2-way blow-out gun	Two-way pneumatic blow-out gun
	blow-off pen		
Description: low-out gun 12bar-118mm-series1500	Article: 071493 01	Description: BLWOUTGUN-{2 WAY}-W.REGULATOR	Article: 071493 02
HGV compressed air cleaning s	et basic	PNEUMATIC ECCENTRIC ROTA	ARY SANDER
	Practical standard blow-out set for cleaning vehicle cabins on trucks, buses and agricultural and commercial vehicles without external air supply. Removal of dust deposits.		Heavy-duty eccentric sander for fine or rough sanding
Description: IGV COMPR AIR CLEANING SET 3 PCS	Article: 0885848100	Description: RANORBSNDR-PN-6IN DISC.DTS150D.W/ACC.	Article: 5714001180
Pneumatic nailer 19-50			
	Pneumatic nailer 19-50		
Description:	Article:		



# **POWER TOOLS**





# Cordless machines

Battery LI-CV 14.4 V		Rechargeable battery LI-CV-18 V	
the second second	Powerful and robust battery packs.	WURTH BURNEUSA	Powerful and robust battery packs
Description: 14.4 v BATTERY U- CV 2.0 AH	Article: 0700916433	Description: 18 V BATTERY LI-CV 4.0 AH BETTERTY FOR MACHINE- 18V/50AH	Article: 0700916532 0700916535
Cordless Angle Grinder		Cordless grease gun FP 12-A	
0	Very handy battery-powered angle grinder for mobile applications		Sturdy and handy cordless grease gun for lubricating lubrication points.
Description:	Article:	Description:	Article:
125MM, 18V GRINDER NO BATTERIES Rechargeable battery	0702600015	GRSEGUN-CORDL(FP12-A)LIION-1X3,0AH	57002001 18-600 M-CUBE
WURTH HRV20 AA	Compact 12-V battery	( <b>'</b>	Powerful 18V application gun developed by Würth to meet the needs of tradespeople.
Description:	Article:	Description: 18AKP CAULKING GUN	Article:
12V BATTERY LHON 2.0 AH 12V BATTERY LHON 2.0 AH	5700996214 5700996215	I DANY CAULNING GUN	5701410000



## **Cordless machines**

#### Cordless Bluetooth® speaker BTS 18-40 M-CUBE



Compact M-CUBE cordless Bluetooth® speaker with FM radio function and rich sound

**Description:** CORDLESS BLUETOOTH® SPEAKER Article: 5701425000

Article:

57018000

#### Cordless drill driver ABS 18 COMPACT M-CUBE



Compact, powerful and brushless cordless drill screwdriver for moderate screwing and drilling work, developed by Würth to meet the requirements of tradesperson

**Description:** ABS 18 COMPACT CORDLESS DRILL

#### Cordless Hammer Drill ABH 18 COMPACT M-CUBE



Compact, powerful, brushless cordless hammer drill for medium-heavy drilling and light chiselling work

**Description:** IMPROVED CORDLESS HAMMER DRILL ABH 18 M-CUBE CORDLESS HAMMER DRILL ABH 18 M-CUBE

Article: 5701432000 5701403000

#### Cordless drill driver ABS 12 COMPACT M-CUBE



Extremely compact and powerful cordless drill driver for general drilling and screwing applications

Description: Article: CORDLESS DRILL DRIVER ABS 12 COMPACT CORDLESS DRILL DRIVER ABS 12 COMPACT + 2 2AH BATTERIES 5701101000 5701101002

#### Cordless hand-held circular saw AHKS 18-68 COMPACT M-CUBE



Robust and powerful M-CUBE cordless handheld circular saw for wood applications

**Description:** CRCLSAW-CORDL-(AHKS 18-68 COMPACT)-CRTN

Article: 5701411000

#### Cordless Angle Grinder AWS 18-125 P COMPACT M-CUBE



Compact, powerful, brushless cordless angle grinder for medium-heavy roughing and cutting work



**Description:** CORDLESS ANGLE GRINDER AWS 18-125 COMPACT M-CUBE

Article: 5701402000



## **Cordless machines**

#### Cordless impact drill driver ABS 18 POWER COMBI M-CUBE



Very powerful, handy cordless impact drill driver with selectable impact drill mode and a torque of 140Nm

**Description:** ABS POWER COMBI

**Description:** 

Article: 5701405000

#### APS 18 COMPACT M-CUBE cordless jigsaw



Precise and powerful M-CUBE cordless jigsaw for universal use in wood

Cordless impact wrench ASS 18 1/2 inch COMPACT M-CUBE



Compact and powerful cordless impact wrench with adjustable power settings and high breakaway torque for versatile applications

**Description:** IMPWRNCH-CORDL-(ASS18-1/2IN COMP)-BOX IMPWRNCH-CORDL-ASS18-1/2IN-COMPT-2X5AH IMPWRNCH-CORDL-ASS18-1/2IN-COMPT-2X4AH

Cordless sabre saw AFS 12 COMPACT M-CUBE

Article: 5701406000 5701406004 5701406005

Article:

5701109000

Compact and powerful 12V sabre saw for sawing wood, plastic, metal and gypsum plasterboard

Article: JIGSAW-CORDL-(APS 18 COMPACT)-CARTON 5701413000

#### Cordless sabre saw AFS 18 COMPACT M-CUBE



Powerful and robust M-CUBE cordless sabre

saw

# Cordless screwdriver AS 12 COMPACT M-CUBE

**Description:** 

SBRSAW-CORDI-AES 12 COMPACT



Extremely compact and powerful cordless screwdriver for general drilling and screwing applications

Article: Article: **Description: Description:** SBRSAW-CORDL-(AFS 18 COMPACT)-CARTON 5701412000 SHRBR-AKKU-AS12-1/4 COMPACT 5701104000

#### 18 V cordless power tools set with tool bag

Consisting of three power tools in a bag



Article: **Description:** MA-CORDL-SET-(M-CUBE)-(ABS-1/ABH-1/AFS) 5701451005

#### 18 V cordless power tools set with tool bag

Consisting of three power tools in a tool bag



Article: **Description:** MA-CORDL-SET-(M-CUBE)-(ABS-1/ABH-1/ASS) 5701452005



## **Cordless machines**

#### 18 V cordless power tools set with tool bag Set of 18 V cordless power tools in bag Consisting of three power tools in a bag Consisting of three power tools in a bag Article: Article: **Description: Description:** MA-CORDL-SET-(M-CUBE)-(ABS-1/ABH-1/AWS) 5701453005 MA-CORDL-SET-(M-CUBE)-(ABS-1/AHKS/APS) 5701454005 Cordless multi-functional dry vacuum cleaner AMTS 18 L COMPACT Set of 18 V cordless power tools in bag Consisting of three power tools in a bag Compact and portable multi-purpose battery vacuum cleaner with L certification and manual filter cleaning for mobile use Article: Article: **Description: Description:** MA-CORDL-SET-(M-CUBE)-(ABS-1/AWS/ASS) 5701455005 18L COMPACT VACUUM CLEANER 570140000 Non-woven filter bag Rechargeable battery Li-ion 18 V BASIC M-CUBE Non-woven filter bag for AMTS Compact, powerful and long-lasting 18-volt Li-ion battery for professional and universal use with the new Würth cordless tools M-CUBE WUR Article: Article: **Description:** Description: MCUBE 18V DUST BAG 5701700004 18V LITHIUM-ION BATTERY M-CUBE 2AH 18V LITHIUM-ION BATTERY M-CUBE 5AH 5703420000 5703450000 Rechargeable battery Li-ion 12 V M-CUBE Rechargeable battery Li-ion 18 V BASIC M-CUBE Compact, powerful and long-lasting 12-volt Compact, powerful and long-lasting 18-volt Li-ion battery for professional and universal Li-ion battery for professional and universal use with the new Würth cordless tools use with the new Würth cordless tools Article: Article: **Description: Description:** AKKU-LI-12V/3,0AH-M-CUBE 5703130000 BTRYPCK-LIION-18V/4,0AH-(M-CUBE)-BASIC 5704180000



# Cordless machines

Charger ALG 12 volt BASIC		Charger ALG 18 V M-CU	
	Charger ALG 12 Basic	NWRIN CONTAIN	For charging Li-ion 18V M-CUBE BASIC batteries
Description: HARGER - ALG 12/3 BASIC	Article: 5705730000	Description: CHARGER ALG 18VOLT - M-CUBE	Article: 5705860000
-ION BATTERY PACK 18.0\	/	Battery	
4.0 Ab 18V consumption	Compact, reliable and powerful. Quick charges in a matter of 40 minutes*	0	Powerful and robust 18V battery pack
Description:	Article:	Description:	Article: 5717801050



## Electric power tools

#### Portable bandsaw PBS 120 - AUTOMATIC



Portable metal bandsaw with automatic sawing frame lowering. Ideal for use on construction sites

**Description:** PORTABLE BANDSAW PBS 120 Article: 07013230

#### Hand belt sander

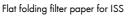


Belt sander for 533 x 75 mm sandpaper with long service life and low weight, therefore also suitable for vertical and overhead sanding.

**Description:** HAND BELT SANDER

Article: 07025881

#### Flat folding filter, paper







Article: **Description:** FILTER FOR 05701 400 000 M\_CUBE 0702400367

#### Tapping and chipping hammer BMH 32-XE



Robust hammer drill and chipping hammer with SDS-plus drive arbour for drilling diameters up to 32mm in concrete

Article: **Description:** DRILL AND CHISEL HAMME 7025432

#### Chipping hammer MH 10-SE



The most impact-resistant 10 kg chisel hammer (16.8 joules) with a long service life for heavy-duty demolition and breakthrough work. Supplied in a rugged carrying case with an additional handle, maintenance spray and flat chisel. With SDS-max drive arbour.

**Description:** 10KG CHISEL/CHIPPING HAMMER

07025711

Fabric bag for ETS150/ESS115

Article:

#### Fabric bag



Description: FABRIC DUST BAG

Article: 70212600

#### Tapping and chipping hammer BMH 40-BL



Brushless hammer drill and chipping hammer with SDS-max drive arbour, die-cast aluminium housing and anti-vibration mechanism for comfortable working at maximum performance

Article: **Description:** DRILL AND CHISEL HAMMER BMH 40-BL 07025541



# Electric power tools

Polishing machine PM 200-E		Quick-action drill chuck	
	Powerful polishing and burnishing machine in a compact and handy design		Qck-actn drill chuck, normal drilling, wood, metal
0			
Description: Dushing machine	Article: 07024530	Description: CHUCK FOR 00702 227 1 (OLD)	Article: 0702226001
Quick-action clamping nut Fix	tec	Random orbital disc-type san	ider ETS 150-E twin
	Tool-free changing of abrasives for angle grinders. Tightened and released by hand		With two lifting levels for coarse and fine sanding and with 6-hole grinding plate for 150-mm grinding discs.
Description:	Article:	Description:	Article:
DCK NUT FOR 05707 006 2/05707 040 0	0702480900	DISC SANDER (ROUND) 150MM	07021290
Router		Safety angle grinder	
	Powerful 1100-watt router in the 8 mm class with high precision, great working comfort and electronic speed control.	6	Angle grinders of the highest performance class, with unique safety package comprising the run-out brake, restart protection, soft start and patented quick- clamping system. Can be operated completely without tools.
Description: OUTER OF 1 100.E*1/4 3/8	Article: 07027551	Description: ANGLE GRINDER (SAFETY) 230MM	Article: 07024980
Abrasive disc		Straight grinder GS 700-E	
	Sanding pad for ETS 150-E Compact		small and powerful
		and a summer	_



With bar handle, ideal for high-precision

## Electric power tools

#### Oscillating jigsaw STP 150 Power-B



With bow-type handle, ideal for working under tough construction site conditions.

**Description:** JIGSAW STP 150 POWER B Article: 57067032

Article:

5706200

#### Wood biscuit joiner HVF 800



Powerful and sturdy 800 watt machine with integrated dust extraction system

**Description:** WOOD BISCUIT JOINER HVF800, ELECTRIC

#### Electric orbital sander ESS 115-2

For fastening hook-and-loop sandpaper with dimensions of 230 x 115 mm and 10-hole perforation, and for clamping sandpaper without an adhesion system



**Description:** ORBITAL SANDER 115X230MM



#### Hot glue gun HKP 300-E



Powerful hot glue gun, ideal for all installation, repair, fixing and decoration work

**Description:** HOT GLUE GUN ELECTRIC Article: 57072001





**Description:** JIG SAW STP 140-B EXACT

#### Article: 57067012

applications.

Angle grinder EWS 17-125-EQ POWER



Powerful 1,700-watt angle grinder with good handling, fast material removal and maximum productivity. Ideal for heavy-duty roughing and cutting work

**Description:** ANGLE GRINDER 125MM 1700W Article: 57070612

#### Hot air blower HLG 2000 COMPACT



Handy, lightweight device with 10-stage temperature regulation

Description: HOT AIR BLOWER HLG 2000 COMPACT HOTAIRBLW-EL-HLG2000COMPACT

Article: 57072510 57072511

#### Random orbital sander ETS 150-5.0-E POWER



Small, practical yet very powerful random orbital sander, with an orbital circle of 5 mm

**Description:** ETS 150-5.0-E POWER Article: 57077500



#### Electric power tools Hammer drill H 26-MLS Core drill DS 180-P Light and powerful hammer drill, equipped Diamond core drill for hand and standwith exchangeable drill chuck and chisel guided wet and dry drilling in concrete, function reinforced concrete and masonry Article: Article: **Description: Description:** H26MLS HAMMER DRILL 57082051 CORE DRILL DS 180-P 570911601 ANGLE GRINDER Magnetic core drill MKB 35 Compact and powerful electromagnetic core Powerful 1100W angle grinder with drill for bore holes up to 35 mm in diameter, constant speed control for medium cutting including safety belt, coolant tank and and grinding operations hexagon key. Article: Article: **Description: Description:** MAGNETIC CORE DRILL 12-35MM 5709200 ANGLGRIND-EL-(EWS11-125C CLASC)-PLG/W 5717034160 ELECTRIC ANGLE GRINDER HAND-HELD CIRCULAR SAW Handy 850 Watt angle grinder with small 1100 Watt hand-held circular saw with grip circumference. Ideal for thin cuts and cutting depth of 67 mm fine grinding. Article: Article: **Description:** Description: ANGLGRIND-EL-(EWS 8-115R CLASC)-PLG/M 5717032160 CRCLSAW-EL-(EHKS 11-190 CLASSIC)-PLG/M 5717040160 Cutt-off machine IMPACT DRILL Powerful, compact and lightweight 650W Metal miter saw for cutting steel, plastic, impact drill with quick metal chuck up to aluminum, copper, cast metal, and stainless 13mm. Fast drilling and long service life steel. With carrying handle - lightweight and can be used anywhere Article: Article: **Description: Description:** IMPDRI-EL-(ESB 65-13K CLASC)-230V-PLG/M 571703116 5717027160 MITRSAW-EL-(MMS 23-S CLASSIC)-230V-PLG/M



# Electric power tools

#### Polishing machine



Very powerful rotary polishing machine with additional D-handle for more convenient and comfortable operation.

#### SABER SAW



#### ANGLE GRINDER

POLMA-EL-(EPM 12-180 CLASSIC)-PLG/M

Description:



Extremely powerful 2400W angle grinder with 180° rotating handle

Article:

5717038160

Article:

5717037161

Description: ANGLGRIND-EL{EWS 24-230S CLASC}-PLG/M

239



# Machine accessories, general

Angled gear		Hammer drill chuck	
	Powerful angled gear for screwing and drilling work		For direct use in hammer drills without additional adapter
Description: 1/4" ANGLED GEAR POWERDRIVER (57NM)	Article: 06149000	Description:	Article:
		Mini-chuck	
Quick-action chuck	Quick-action chuck, 1-sleeve		Extra small drill chuck for clamping drill bits with standard bit mounts.



WU

# SAFETY & PPE



HTRUW



# Emergency equipment

Adhesive-free Elast plaster, latex-free		Adhesive-free plaster, blue, elastic, latex-free	
	Adhesive-free plaster Elast latex free beige		Very long-lasting even in food-processing areas
Description:	Article:	Description:	Article:
PLST-LATXFREE-ELAST-3X450CM	0899512240	BLUE ADHESIVE/LATEX FREE PLASTER	089951225
Rescue hook		Face mask 3-ply	
	Hook to extract the victim of an electric arc		Easy-to-carry medical disposable mask type I, light and low breathing resistance
Description:	Article:	Description:	Article:
LSAVEPLE-HOOK-L170CM	0899520901	FACE MASK (3 LAYERED) BFE>95%	0997862606
First aid box Regulation 3			
	First aid box Regulation 3		
0			
Description: FACTORY REGULATION 3 MEDICAL AID KIT	Article: 9500500523		



# Occupational safety

	Cover net	
The ideal solution for a wide range of applications, e.g. all types of edges, working areas, car lifting platforms, steps and bundling. Meets the requirements of DIN 4844 or DIN EN ISO 7010.		For proper securing according to StVZO (German road traffic licensing regulations). Circumferential expander cable allows optimal lashing.
Article: 0812449406	Description: SAFETY CARGO NET 1.5X2.2M SAFETY CARGO NET 1.8X3.5M SAFETY CARGO NET 2.5X4.0M	Article: 0880271100 0880271300 0880271400
arous electrical voltage"	Protective welding screen PVC-	oil
Tetrahedral warning sign magnetic base e- mobility		Protective welding screen PVC-foil
Article: 0967933501	Description: PROTWELDSCRN-(PVC FOIL)-YELLOW	Article: 0984040003
	Identification plate T150	
SAFETY REDBOX ™ - for efficient organisation of group lockout		Identification plate T150
	The ideal solution for a wide range of applications, e.g. all types of edges, working areas, car lifting platforms, steps and bundling. Meets the requirements of DIN 4844 or DIN EN ISO 7010. Article: 0812449406 Tetrahedral warning sign magnetic base e- mobility Article: 0967933501 SAFETY REDBOX ™ - for efficient	The ideal solution for a wide range of applications, e.g. all types of edges, working areas, cor lifting platforms, steps and bundling. Meets the requirements of DIN 4844 or DIN EN ISO 7010.       If the form of the ideal fo



# Occupational safety

#### Locking bar Lockout padlock ABUS alu/plastic cover Steel locking bar for up to 6 safety locks. Lockout padlock ABUS alu/plastic cover ABUS Article: Article: **Description:** Description: NON CONDUCTIVE PADLOCK BLACK NON CONDUCTIVE PADLOCK BLUE 74/40 SAFETY LOCKOUT HASP RED 45MM 9500008741 9500008750 9500008742 9500008751 SAFETY LOCKOUT HASP RED 60MM NON CONDUCTIVE PADLOCK RED 9500008752 NON CONDUCTIVE PADLOCK YELLOW 9500008753 NON CONDUCTIVE PADLOCK BROWN74/40 9500008754 NON CONDUCTIVE PADLOCK GREEN74/40 9500008755 NON CONDUCTIVE PADLOCK GREY 74/40 9500008756 NON CONDUCTIVE PADLOCK PURPLE74/40 9500008757 NON CONDUCTIVE PADLOCK WHITE 74/40 9500008758 Warning marking adhesive tape COBA Warning tape, diagonal Warning marking adhesive tape COBA To close off, secure and mark hazard zones, construction sites, construction pits, plots of land, paths etc. **Description:** Article: **Description:** Article: COBATAPE RED/WHITE 50MMX33M COBATAPE YELLOW 50MMX33M 9500500399 BARRIER TAPE RED 500M 9500500397 9500500400 COBATAPE RED 50MMX33M 9500500401 COBATAPE BLUE 50MMX33M 9500500402 COBATAPE GREEN 50MMX33M 9500500403



# Personal protective equipment

•	• •		
Contrast goggles, yellow		Arm guard W-290 Level C	
$\sim$	UV leak detector glasses for easily identifying traces of UV leak detector products		Universal arm protection with thumb hole and rip-tape fastening to protect the heel of the hand, wrist and forearm against cuts
Description: v glasses yellow	Article: 0764000103	Description: ARM GUARD CUT LEVEL C	Article: 0899400421
that the state of the	1		
Nitrile chemical protective g		Corded ear plugs	
	Chemical protective glove nitrile		Reusable corded earplugs with holder
1			
Description:	Article:	Description:	Article:
ITRILE CHEMICAL PROTECT GLOVE S8 ITRILE CHEMICAL PROTECT GLOVE S9 ITRILE CHEMICAL PROTECT GLOVE S10	089943508 089943509 089943510	EARPLG-REUSA-RED-PLUXONE-W.HOLDER	0899300364
ITRILE CHEMICAL PROTECT GLOVE \$11	089943511	_	
Ear plugs with cord x-100		Cut protection glove Cut 5/2	200 with Kevlar®
	Ergonomic, cone-shaped disposable ear plugs for use in extremely noisy environments	5	Extremely resistant to cuts and abrasion. With tough natural latex coating
Description: RR PROTECTION PLUGS CORDED	Article: 0899300332	Description: CUT LEVEL 5 GLOVES KEVLAR SIZE 8 CUT LEVEL 5 GLOVES KEVLAR SIZE 9	Article: 0899451308 0899451309
Cut protection glove TIGER		Disposable breathing mask	
	Universal, extremely comfortable cut protection glove with nitrile foam coating specially for dry work conditions		Lightweight and comfortable to wear
Description: IGER FLEX CUT LEVEL 5 GLOVE SIZE 7 IGER FLEX CUT LEVEL 5 GLOVE SIZE 8 IGER FLEX CUT LEVEL 5 GLOVE SIZE 9 IGER FLEX CUT LEVEL 5 GLOVE SIZE 10 IGER FLEX CUT LEVEL 5 GLOVE SIZE 11	Article: 0899451357 0899451358 0899451359 0899451360 0899451361	Description: DISPOSABLE RESPIRATOR FFP2	Article: 0899121102



# Personal protective equipment

#### Disposable breathing mask Disposable breathing mask High level of comfort and low respiratory With activated carbon to protect against resistance unpleasant odours Article: Article: **Description: Description:** FFP2 RESPIRATOR WITH VALVE 0899121100 BREAMASK-CARBON VALVE-CM-EN149-FFP2 0899121104 Breathing mask, disposable Disposable nitrile glove Perfect protection with excellent fit. A mask Liquid-proof, food-safe disposable glove for all face shapes. Article: Article: **Description:** Description: FFP2 RESPIRATOR WITH VALVE NOSE SEAL 0899121125 NITRILE DISP GLOVES (M)100/BOX 089947001 089947002 NITRILE DISP GLOVES (L) 100/BOX NITRILE DISP GLOVES (XL) 100/BOX 089947003 NITRILE DISP GLOVES (XXL) 100/BOX 089947004 Disposable gloves nitrile black Disposable nitrile grip glove Liquid-tight disposable nitrile glove, thick Unique, diamond texture for optimal grip version Article: Article: **Description: Description:** NITRILE DISP BLACK GLOVES M 100/BOX 0899470398 NITRILE DISP GLOVES GRIP (M) 50/BOX 0899470121 NITRILE DISP BLACK GLOVES L 100/BOX 0899470399 NITRILE DISP GLOVES GRIP (L) 50/BOX 0899470122 NITRILE DISP BLACK GLOVES XL 100/BOX 0899470400 NITRILE DISP GLOVES GRIP (XL) 50/BOX 0899470123 Disposable gloves nitrile LIGHT Coverall Pro 5/6 disposable protective suit Liquid-tight, thin disposable gloves with Excellent protection against particles, dusts maximum flexibility and liquid splashes. Article: Article: **Description: Description:** PROTGLOV-DISPOSABLE-NITRILE-LIGHT-BLUE-M 0899470201 BREATHABLE COVERALLS MEDIUM 0899021212 PROTGLOV-DISPOSABLE-NITRILE-LIGHT-BLUE-L 0899470202 BREATHABLE COVERALLS LARGE 0899021213 PROTGLOV-DISPOSABLE-NTR-LIGHT-BLUE-XL 0899470203 BREATHABLE COVERALLS X-LARGE 0899021214 BREATHABLE COVERALLS XX-LARGE 0899021215



# Personal protective equipment

W14 disposable protective	a suit	Ear defender	
	To protect against light contamination		Ear defenders A812
Description: COVERALL LARGE COVERALL XLARGE COVERALL XLARGE	Article: 0899021243 0899021244 0899021245	Description: EARMUFF FOLDABLE RED CUP SNR32	Article: 0899300361
Face shield		Grinder protection shield fo	or Basic face shield
	Perfect protection for sanding and machining work, as well as against dripping or splashing liquids and molten metal	50 Do	Good grinder protection shield provides good protection, approved in accordance with EN 166 - 389 B T
Description: FACE SHIELD WITH VISOR	Article: 0899101225	Description:	Article: 0899101222
FACE SHIELD WITH VISOR	0899101223	REPLACEMENT VISOR FOR FACE SHIELD	0899101222
Filter for halb face mask do	puble A1P2	Full-vision goggles FS 2020	2-01
	Filter for halb face mask double A1P2	E Contraction of the second se	Perfect protection combined with innovative design
Description: RESP.FILTER A1P2 (SOLID-LIQUID) 2PC	Article: 0899143317	Description: FULIVISNGOGLFS202001	Article: 0899102420
Voltage protective glove		BASIC Clear knee pads	
	Insulating gloves		Basic version for a wide range of indoor and outdoor applications
Description: VOLTAGE PROTECTION GLOVES SIZE 9 VOLTAGE PROTECTION GLOVES SIZE 10 INSUGIOVLATEX S29 INSUGLOVLATEX S210 INSUGLOVLATEX S211	Article: 0899400929 0899400930 0899400937 0899400938	Description: KNEEPAD BASIC TRANSP	Article: 089903001



## Personal protective equipment

Pro mechanic's glove		Mesh cup replacement	
	With integrated magnet in the back of the hand to attach small tools and fastening materials		Mesh cup for breathing mask FMP2
<b>escription:</b> :CHANICAL GLOVES SIZE 9 :CHANICAL GLOVES SIZE 10	Article: 0899400749 0899400750	Description: REPLACEMENT NET FOR 00899 121 120	Article: 0899121121
afety goggles Ergo Top		Protective glove E-100	
	Innovative frame technology for maximum protection and comfort		Sustainable, universal glove produced in a environmentally friendly manner, balancing ecological considerations with outstanding protective properties and suitability for a wide range of applications
<b>Pescription:</b> Go safety glasses "top"	Article: 0899102002	Description: PROTGLOVKNIT(E-100)-SZ7 PROTGLOVKNIT(E-100)-SZ8 PROTGLOVKNIT(E-100)-SZ9 PROTGLOVKNIT(E-100)-SZ10 PROTGLOVKNIT(E-100)-SZ11	Article: 0899401207 0899401208 0899401209 0899401210 0899401211
rotective glove		Protective glove	
	Outstanding mechanical resistance	1000	Assembly glove, fits equally well on the rig or left hand. Can be worn on either hand.
Description: Ase flex gloves size 8 Ase flex gloves size 9 Ase flex gloves size 10 Ase flex gloves size 11	Article: 0899401508 0899401509 0899401510 0899401511	Description: Tiger Flex Double GLOVES SIZE 7 Tiger Flex Double GLOVES SIZE 8 Tiger Flex Double GLOVES SIZE 9 Tiger Flex Double GLOVES SIZE 10 Tiger Flex Double GLOVES SIZE 11	Article: 0899411217 0899411218 0899411219 0899411220 0899411221
rotective glove nitrile TIGE	RFLEX® Plus	Yellow nitrile glove	
	Universal protective glove with excellent wearing comfort and optimal grip thanks to unique TIGERFLEX® coating		Universal, lightweight assembly glove with nitrile coating
Description: GER FLEX PLUS SIZE 8 GER FLEX PLUS SIZE 9 GER FLEX PLUS SIZE 10	Article: 0899411018 0899411019 0899411020	Description: NITRIL PROTECTION GLOVES YELL SIZE 8 NITRIL PROTECTION GLOVES YELL SIZE 9 NITRIL PROTECTION GLOVES YELL SIZE 10	Article: 089941008 089941009 089941010

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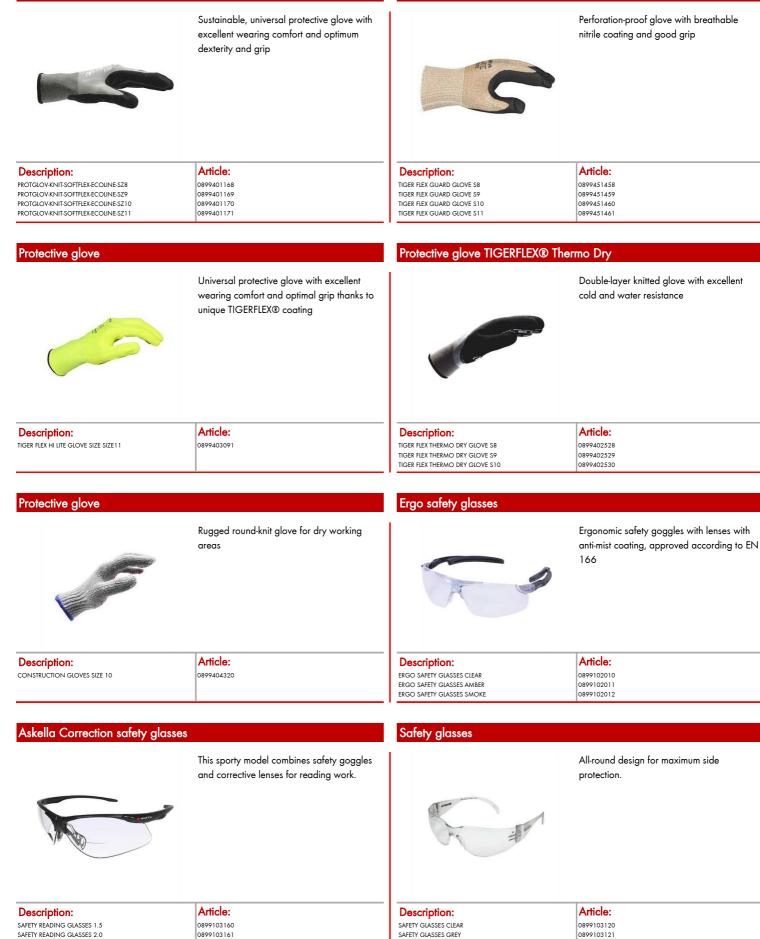
Protective glove TIGERFLEX® Guard

### Personal protective equipment

#### SOFTFLEX ECOLINE protective glove

SAFETY READING GLASSES 2.5

0899103162



SAFETY GLASSES YELLOW

0899103122



### Personal protective equipment

#### Welding goggles FORNAX®plus Safety goggles, Ergo Foam Ergonomic protective goggles with foam Maximum protection in an innovative design edge for a close fit, approved according to EN 166 Article: Article: Description: Description: ERGO SAFETY GLASSES CLEAR WITH FOAM 0899102003 WELDING GOGGLES 0984502250 Headband for welding helmet Solar II Internal lens for Solar Headband for welding helmet Solar 2 Inner protection plate for Solar Article: Article: **Description:** Description: HEADSTRAP FOR 00984 700 400 0984700402 INNER LENS REPLACE 00984 700 200 0984700202 **External lens** Internal lens Inner protection plate for welding helmet Outer protection plate Stella Article: Article: **Description: Description:** INNER LENCE FOR 00984 700 653/651 0984700656 EXTERNAL WINDOW FOR 00984 700 300 0984700311 External lens for helmet Solar II Front cover lens Outer protection plate for welding helmet Outer protection plate for welding helmet Solar 2 Stella Please Remove This Protective Film Prior To Use MARNING Please Remove This stective Film Prior To Use Article: Article: **Description: Description:** EXTERNAL WINDOW FOR 00984 700 400 FRONT LENS FOR 00984 700 653/651 98470040 98470066



## Personal protective equipment

	Sweatband for welding helmet Solar 2		Easy to install and highly absorbent
		8 8 - 4 - 5	
escription: /EAT BAND FOR 00984 700 400	Article: 0984700403	Description: SWEAT BAND FOR 00984 700 653/651	Article: 0984700657
Velding cap WSC 9-12		Welding glove	
Contraction of the second seco	Lightweight, comfortable glare protection with automatic darkening	S WIRTH	Robust welding glove with reinforced palm and thumb strap for universal purpose
Description: relders cap	Article: 0984700300	Description: WEIDING GLOVES 10.5" (KEVLAR) WEIDING GLOVES 16" (KEVLAR)	Article: 0984310001 0984310002
eather apron		Welding protective sleeve	
	High quality cow split leather apron, protects body from light welding and sparks		High quality cow split leather, protects upp arms from light welding and sparks
Description: ELDING APRON	Article: 0984312100	Description: WELDERS PROTECTIVE SLEEVE	Article: 0984312101
Velding helmet		Driver Classic protective g	
	Outstanding protection for welding applications		High-quality driver-style protective glove completely made from durable, soft cowhi leather
		Description:	Article:
escription:	Article:	Description.	Ancie:



## Personal protective equipment

W-10 split cowhide leather glov	ve	Welding glove W-130	
	Robust work glove made from split leather	- the co-	Touch-sensitive welding gloves for work with excellent touch feel
Description: COPENHAGEN GLOVE	Article: 5350000110	Description: WEIDING GLOVE SENSITIVE TOUCH S9 WEIDING GLOVE SENSITIVE TOUCH S10	Article: 5350050309 5350050310
Folding mask FFP2 NR		High-vis vest with zipper and ID	pocket
0	Light and comfortable		High-vis vest with zipper and ID pocket
Description: FFP2 RESPIRATOR - EARLOOP FFP2 RESPIRATOR - HEADBAND	Article: 9500500452 9500500453	Description: REFL VEST LIME WITH ID HOLDER XL REFL VEST LIME WITH ID HOLDER MEDIUM REFL VEST LIME WITH ID HOLDER LARGE	Article: 9500500518 9500500519 9500500524
Walding from shield with flim for		Folding mark KNI05	
Welding face shield with flip fro	Welding face shield with flip front lens	Folding mask KN95	A disposable KN95 mask that provides protection against concentrated non-toxic dust
Description: WEIDING HELMET FUP FRONT LENS SABS	Article: 9500500517	Description: KN95 DISPOSABLE BREATHING MASKS	Article: 9501006636



### Skin protection

n-protection cream prevents soluble substances.	Bescription:           HAND CLEANER IN SPECIAL 250ml	Hand cleaner for heavy soiling by paints, resins and adhesives, contains natural exfoliating agents made of olive stone flour In a handy 250ml bottle with snap closure. Article:
		Article:
		0890600617
	Dispensing pump	
transparent sun spray for rotection against medium to high . and UVB radiation during .k.		Dispensing pump
	Description: PRESSURE PUMP FOR HANDCLEANER	Article: 08919011
unting of the hand cleaner 4.5		Microplastics-free hand cleaner for medium to heavy soiling with natural perlite exfoliating agents
	Description: HAND CLEANER PLUS 350ML	Article: 0893900012
	-	· · · ·
er for heavy to extremely heavy natural abrasive agents made of lispenser system art. no.		
	1	
d	dispenser system art. no.	dispenser system art. no.

# 🖶 WüRTH

### Work shoes

#### Hercules S3 safety shoe



Comfortable S3 shoe with a fashionable cut. It provides the ideal protection for your feet while you work.

#### Hercules S3 safety boots



Convenient, modern S3 boots that guarantee optimum protection at work. In addition it ensures ideal well being for your feet with every step.

#### Description:

SHOE HERCULES S3 BLACK 37 SHOE HERCULES S3 BLACK 38 SHOE HERCULES S3 BLACK 38 SHOE HERCULES S3 BLACK 40 SHOE HERCULES S3 BLACK 41 SHOE HERCULES S3 BLACK 43 SHOE HERCULES S3 BLACK 43 SHOE HERCULES S3 BLACK 45 Article: M418106037 M418106038 M418106038 M418106040 M418106041 M418106043 M418106044 M418106044

#### Description:

BOOT HERCULES S3 BLACK 38 BOOT HERCULES S3 BLACK 49 BOOT HERCULES S3 BLACK 40 BOOT HERCULES S3 BLACK 41 BOOT HERCULES S3 BLACK 43 BOOT HERCULES S3 BLACK 43 BOOT HERCULES S3 BLACK 44 BOOT HERCULES S3 BLACK 45 Article: M422149038 M422149039 M422149040 M422149041 M422149042 M422149043 M422149045 M422149046

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# <u>Metal fittings</u>



### Building fitting

Building fiffing			
Padlock	Brass padlock	Padlock ABUS aluminium	Padlock ABUS aluminium
COLD BRASS PADLOCK 65/40	Article: 950008734 9500500265	Description: ALUMINIUM PADIOCK BLIE 72/40 ALUMINIUM PADIOCK GOLD 72/40 ALUMINIUM PADIOCK GREEN 72/40 ALUMINIUM PADIOCK ORANGE72/40 ALUMINIUM PADIOCK RED 72/40 ALUMINIUM PADIOCK BLOCK 72/40	Article: 950008743 950008744 950008745 950008747 950008747 950008748 950008749
Padlock ABUS AQUA SAF	<mark>E Series 70</mark> Padlock ABUS AQUA SAFE Series 70	Padlock ABUS Brass Series 6	9 <mark>5</mark> Padlock ABUS Brass Series 65
Description:	Article: 9500008739 9500008740	Description: SOLID BRASS PADLOCK 65/30 SOLID BRASS PADLOCK 65/50 PADLOCK ABUS 60MM SINGLE BLISTER	Article: 950008736 950008737 950008738
Diskus padlock	Two-sided locking for increased stability		
Description: NISKUS LOCK 24/70	Article: 9500008735		
Furniture fittings		Plastic shelf support	
	Round, self-adhesive and 100% UV resistant		Push-fit

Description: DOOR BUMPERS 10MM Article: 0683135301 Description: SHELF SUPPORT PLASTIC/STEEL - WHITE Article: 0683300

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# SYSTEMS

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## **ORSY system**



### System accessories

#### System box

Description:

LOOSE RED INSERT BOX 1.55X82X57MM

LOOSE RED INSERT BOX 2.55X82X114MM

LOOSE RED INSERT BOX 3.55X167X114MM

LOOSE RED INSERT BOX 4.55X334X114MM

System insert, plastic, 4.4.1



A variable compartment for orderly storage and retrieval of various small parts. The system boxes can be combined individually with all system dividers.

Article:

5581035001

5581035002

5581035003

5581035012

Article:

5581003010

5581003011

# System box separating element For customising the division in system boxes Article: Description: 5581035020 5581035021 DIVIDER FOR RED INSERT BOX 2 DIVIDER FOR RED INSERT BOX 3 & 4 Divider



A fixed compartment for orderly storage and



For individual division in the plastic system inserts. Ideal for orderly storage and retrieval of small parts



retrieval of various small parts. Can be used in combination with other system dividers.

Description:	Article:	
PARTITIONS FOR 05581 003 010	5581003014	
PARTITIONS FOR 05581 003 011	5581003015	

#### System stacking cabinet

ASSORT PLASTIC INSERT(4.4.1) 3 TRAY

ASSORT PLASTIC INSERT(4.4.1) 5 TRAY

**Description:** 



Organisation system consisting of stackable and screwable modules for 5 ORSY® system cases

**Description:** Article: 5 DRAWER ORSY CABINET 5581040000

# **ORSY system**



### System case

System case 4.4.1		System case 4.4.1 transparent	
	Ideal for flexible storage of small parts, machines and tools used with consumables		Ideal for flexible storage of small parts, machines and tools used with consumables
HEROW			
Description: EMPTY ASSORT BOX 4.4.1	Article: 5581020000	Description: EMPTY ASSORT BOX 4.4.1 TRANS LID	Article: 5581020500
System case 8.4.1		System case 8.4.2	
	Ideal for flexible storage of small parts, machines and tools used with consumables		Ideal for flexible storage of small parts, machines and tools used with consumables
HINNE		HLHOM	
Description: EMPTY ASSORT BOX 8.4.1	Article: 5581010000	Description: SYSKO 8.4.2	Article: 5581011000
· · · · · · · · · · · · · · · · · · ·			
System case empty range 4.4.1		1	
	System case empty assortment 4.4.1		
Description: ASSORTMENT BOX FOR DRILL BITS	Article: 5581120103		
<u>System storage box</u>	<u>es</u>		
System storage box			
	System storage box, others		



### Automotive parts

Insulated cable connector as	ssortment	Flat blade fuses MINI/MAX	(I silver assortment
	530 pieces in system box 4.4.1.		Flat blade fuse MINI-MAXI 170 pcs Sysko
Description:	Article:	Description:	Article:
530PCS INSULATED TERMINALS	5964055809	170 PCS FLAT BLADE FUSES (MINI+MAXI)	5964073101
		웷漆 <b>承速</b> 重度 徵毀國 <b>段</b> 名容 笔翁問題何凶	
Description:	Article:	Description:	Article:
440 PCS PLUG HOUSINGS WATERPROOF	5964055501	155 PC PLASTIC HOSE CONNECTORS 3-6MM	5964050000
Sheet metal/spring nut assor	rtment		
	Steel, zinc-plated transparent (A3A)		
Description:	Article:		

 Description:
 Anticle.

 1375 PCS SPEEDNUT & CUP 2.5MM-8.0MM
 5964050003

### Brazing, soldering and welding

### Electrical soldering gun 230 V 60 W assortment



Description: 6 PIECE SOLDERING GUN KIT

Article: 5964071500

heat-up time

Ready to use immediately thanks to short





## Electrical installation

Body sealing plugs assortmer	nt	Body sealing plugs assortment	
	For sealing or closing off holes.		For sealing or closing off holes.
Description:	Article:	Description:	Article:
200 PCS SEALING GROMMETS M14-M30	5964056103	450 PCS RUBBER GROMMETS 6MM-16MM	5964056101
Cable grommets assortment		Wire end ferrules, uninsulated	
	Cable sleeve 555 pieces Sysko		Wire end ferrule assortment, uninsulated Sysko
Description:	Article:	Description:	Article:
555 PCS CABLER GROMMETS ASSORTMENT	5964056102	1200PC WIRE END FERRULES UNINSULATED	5964055700
Wire end ferrules, insulated, o	assortment	Thin-walled heat-shrink hose a	ssortment
	Wire end ferrule insulated 525 pieces Sysko		Shrink rate 2:1 without internal adhesive
Description:	Article:	Description:	Article:
525 PCS WIRE END FERRULES INSULATED	5964055701	130 PCS HEAT SHRINK 2.4MM-25.4MM	5964077100

# 븢 WÜRTH

### <u>Fasteners</u>

Tapping screw, pan head with	n collar Delta Seal black assortment	Flat washers assortment	
	1500 pieces in system case 4.4.1 tapping screw pan head with collar, H cross recess, Delta Seal black zinc-plated steel		1425 pieces in system case 4.4.1 DIN 125 shape A, 140 HV, zinc-plated steel, blue passivated (A2K) – washers for hexagon bolts and nuts
Description: 1500 PCS PH PAN HD S/TAP WITH COLLAR	Article: 5964013401	Description: 1425 PCS FLAT WASHERS M3-M20	Article: 5964040700
Tension springs with double e	yelets assortment	Circlips assortment	
	Zinc-plated spring steel, blue passivated (A2K)		DIN 471, plain spring steel, for shafts.
Description: TENSION SPRING ASSORTMENT	Article: 5964050601	Description: 1050 PCS EXTERNAL CIRCUPS 5MM-35MM	Article: 5964043800
Circlips for bores assortment		Wing repair washer assortmen	ıt
	1050 pieces in system case 4.4.1 DIN 472 J, spring steel, phosphated and oiled, D 8-30 mm		Zinc-plated steel, blue passivated (A2K).
Description: 1050 PCS INTERNAL CIRCUPS 8MM-30MM	Article: 5964043900	Description: 1400 PCS FENDER WASHERS M4-M13	Article: 5964041100
Lock washers for shafts assort	ment	Grease nipple assortment DIN	71412 A B C
	985 pieces in system case 4.4.1. Lock washers for shafts, DIN 6799, plain steel.		Zinc-plated steel, blue passivated (A2K)
Description: 985 PCS CIRCLIPS 2.3MM-19MM	Article:	Description: 600 PCS GREASE NIPPLES M6-M10	Article:
03 FC3 CINCLIF 3 2.3MIME FYIMIM	J704047000	000 FC3 GREAGE INIFFLES MIGHTIU	3704070000



### <u>Fasteners</u>

Sealing ring assortment	Aluminium	Sealing ring assortment DIN 7603	Solid copper
Description: 525 PCS AUMINIUM WASHERS 6MM-30MM	Article:	Description: 1350 PCS COPPER WASHER 6MM-32MM	Article:
Assortment of vulcanised fibre sec	DIN 7603 vulc fib, 1170 pcs Sysko	Tapping screws pan head DIN 79	1600 pieces in system case 4.4.1 tapping screws pan head DIN 7981 shape C, H cross recess, zinc-plated steel, blue passivated (A2K)
Description:	Article:	Description: 1600 PCS PH PAN HEAD S/TAP SCREWS	Article: 5964011500
			·
Slotted cheese head screw assort	Tinc-plated steel, blue passivated (A2K), slotted	Hexagon nut assortment	1035 pieces in system case 4.4.1. DIN934,  8  zinc-plated steel, blue passivated (A2K).
Description:	Article:	Description:	Article: 5964031700
Countersunk head/cylinder head	screws/hexagon nuts/washers DIN 963 / DIN 84 / DIN 934 / DIN 125, steel 4.8 zinc-plated, blue passivated (A2K)	Split pin assortment	ISO 1234, zinc-plated steel
Description:	Article:	Description:	Article:



### <u>Fasteners</u>

	Cheese head screws with hexc	aon socket assortment
Plain steel 45H		1040 pieces in system case 4.4.1. ISO 4762, 8.8 zinc-plated steel, blue passivated (A2K)
Article: 5964025600	Description: 1080 PCS ALLENCAP SCREWS M4-MB	Article: 5964008401
ment	Clamping pins (sleeves) assort	ment
Spring steel, plain		Spring steel, plain
Article: 5964047500	Description: 240 PCS DOWEL PINS 7MM-12MM	Article: 5964047501
	o-ring, imperial assortment	
Round cord, various diameters, NBR 70		O-ring, inch, NBR 70, (25-43.82)
Article: 5964046806	Description: 330 PCS O-RINGS IMPERIAL 25-43.82MM	Article: 5964046807
	330 PCS O-RINGS IMPERIAL 25-43.82MM	
	Article: 5964025600 ment Spring steel, plain Article: 5964047500	Article:   3964025600     Description:   UBD CCS ALENCAP SCREWS M4.MB     Ment     Spring steel, plain     Spring steel, plain     Image: Spring steel, plain <t< td=""></t<>

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### **Fasteners**

pieces for system case 4.4.1.       pieces in system case 4.4.1.         Description: DESCIPTION: DE				
pieces for system case 4.4.1.   Description:   2005 10 MICE MITE: 2004/2004   2005 10 MICE MITE: 2004/2004/2004   2005 10 MICE MITE: 2004/2004/2004   2005 10 MICE MITE: 2004/2004/2004   2005 10 MICE MITE: 2004/2004/2004/2004/2004   2005 10 MICE MITE: 2004/2004/2004/2004/2004/2004/2004/2004	o-ring metric assortment		O-ring, imperial assortment	
Description:       Article:         Instruction of the serie of the s				O-ring, inch, NBR 70, (2.9-23.4), 1050 pieces in system case 4.4.1.
pias blind rivet round pan head assortment       Plastic blind rivets assortment <ul> <li></li></ul>	Description:	Article:	Description:	Article:
Serve: Black PA, mandrel: POM black     Alticle:   Secription:   Article:   Second secil, self-centring, associated (A2K)		5964046802		5964046805
Seeve: Black PA, mandrel: POM black     Alticle:   Seconption:   Article:   Seconption:   105 pieces in system case 4.4.1 screw seed, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)     Tescription:   105 pieces in system case 4.4.1 screw seed, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)     Tescription:   Article:   Seconption:   105 pieces in system case 4.4.1 screw seed, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)     Pescription:     Article:				
Alkg 2.5 / zinc-ploted steel, blue   possivated (A2K), D 3.2-4.8 mm     Description:   Article:   selecentring, assortient     Description:   assortient (A2K)     Description:   assortient (A2K)     Description:   assortient (A2K)     Description:     Article:   selecentring, assortient (A2K)     Description:     Article:   selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:   selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:     selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:     Article:     selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:     Article:     Selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:     Selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:     Selecentring M4-M24, zinc-ploted steel, blue possivated (A2K)     Description:     Article:	pias blind rivet round pan hee	ad assortment	Plastic blind rivets assortmen	t
631 PCS BUND RIVETS FULER 3.24.8     5964091500     BUND RIVETA SSORTMENT 151PCS     5964050001       BONDded seal, self-centring, assortment       IS5 pieces in system case 4.4.1 screw seal, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)       Description:		AIMg 2.5 / zinc-plated steel, blue		Sleeve: Black PA, mandrel: POM black
631 PCS BUND RIVETS FULER 3.24.8     5964091500     BUND RIVETA SSORTMENT 151PCS     5964050001       BONDded seal, self-centring, assortment       IS5 pieces in system case 4.4.1 screw seal, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)       Description:	Description:	Article:	Description:	Article:
Bonded seal, self-centring, assortment         165 pieces in system case 4.4.1 screw seal, self-centring M4-M24, zinc-plated steel, blue passivated (A2K)         Description:       Article:				
		165 pieces in system case 4.4.1 screw seal, self-centring M4-M24, zinc-plated steel,		
	Description:	Article:		
SEAL ASSORTMENT 165PCS 5964046900				



### Hand tools

#### Assortment of HES 412 handheld setting pliers Tool case Especially suitable for electric and hybrid Hand-held rivet setting pliers with quickvehicles. change system for use with M4 to M12 $\,$ blind rivet nuts and bolts Article: Article: **Description: Description:** VDE TOOL CASE 32PCS 5964502002 16 PC RIVET NUT THREAD SETTER 4-12MM 5964094803 TIME-SERT® thread repair assortment TIME-SERT® spark plug thread repair assortment For perfect thread repair and strengthening For replacing M14 x 1.25 spark plug threads with flat sealing seat in steel, light metals, non-ferrous base metals, cast metals and hard plastics. 始洞察 Article: Article: **Description:**

**Description:** TIME SERT KIT M5/M6/M8/M10/M12

5964096171

TIME SERT SPARKPLUG KIT M14X1.25MM

5964096111

### Hoses, couplings, hose clamps

Pipe and fastening clamps assortment







### Machining

#### Twist drill bit assortment



Affordable, robust steel assembly drill bits for applications in steel up to 850 N/mm strength

Cylinder saw assortment HSCo8 Sysko 19–76mm 16pcs

Article:

5964063291



In system case. Extremely fast drilling speed and long service life, even in solid stainless steel materials.

Description: TWSTDRLSYSKO-RN-DIN338-HSS-155PCS Article: 5964062500

#### Thread cutting tool set



The complete assortment for producing M3-M12 standard metric ISO threads in steel up to 850 N/mm strength and in cast iron.

#### HSS M3-M20 thread-cutting tool set

**Description:** 

16 PC HSS BI-METAL HOLE SAWS 19-76MM



The complete assortment for producing M3-M20 standard metric ISO threads in steel up to 850 N/mm strength and in cast iron.

Description:	Article:	Description:	Article:
THREADING CUTTING TOOL SET HSS M3-12	5964065244	TAP/DIE SET HSS M3-20 (67PCS)	5964065267



### **Technical chemicals**

#### Headlight refurbishment set



Professional 2-stage system for refurbishment of heavily weathered vehicle headlights

#### Paint finish assortment



For professional processing of painted surfaces



Article: **Description:** 113 PC HEADLIGHT POLISHING KIT 5964089308

#### CO2 leakage tester set

25PCS 2-STAGE HEADLIGHT REFURBISHMEN

Description:



Enables the CO2 content to be measured for early detection of leaks between the combustion chamber and cooling system in vehicles.

Description: CO2 LEAK TESTER KIT Article: 596496410

Article:

5964089316





With soft aluminum backing material and a

adhesive

Article:

0874100500

and outdoors

specially developed pressure-sensitive acrylic

### Adhesive tapes

### Polyester fabric adhesive tape



For bundling and bandaging cable harnesses, especially where high temperatures can occur (e.g. in the engine compartment)

**Description:** WOVEN ADHESIVE TAPE

Description:

**Description:** COMPRESSED TAPE 15X3MMX10M

ADHTPE-TEXTILREINFD-SILVER-50MMX50M

Vehicle sealing tape

ADHTPE-TEXTILREINFD-SCHWARZ-50MMX50M

Article: 0771100119

Article:

0874100200

0874100202

Article:

08754153

#### Fabric adhesive tape



For adhering cut surfaces of pipe insulating materials

The vehicle sealing tape protects against

vibrations and securely and permanently

For sticking door lining film. Double-sided self-

adhesive. Temperature-resistant from -40°C

seals joints in a single step.

**Description:** 

ALUMINIUM PROTECTION TAPE 48MMX100M

Euraseal U-100 universal window sealing tape

Aluminium tape

**Description:** WINDOW SEALING TAPE 70MMX50M WINDOW SEALING TAPE 140MMX50M

Window sealing tape with special, activedrying membrane for sealing joints indoors

For universal use for sealing overlaps and

container and caravan construction, for example between mudguards and bodywork, on brake and tail lights, on slats

screw connections in the automotive sector,

Article: 0875591070 0875591140

and sunroofs.

Article:

0890100030

Bodywork sealing tape



**Description:** 

STRING SEALER GREY 20X2MMX26M

#### Decorative trim adhesive tape



For securing decorative and practical trims, emblems, lettering, panels and brackets in the automotive industry. In conjunction with mechanical fastening elements for securing spoilers.

Description: DOUBLE SIDED TAPE 12MMX0.8MMX10M DOUBLE SIDED TAPE 24MMX0.8MMX10M DOUBLE SIDED TAPE 4MMX0.8MMX10M

Article: 0894910 08949101 08949104

Door lining adhesive tape

**Description:** ADHESIVE TAPE-DOOR LINING 19MM X 50M

Article: 0894235319

to +100°C.



### Adhesive tapes

	Highly adhesive, double-sided, self-bonding round sealing tape made from butyl rubber for overlapping sealing.	6	Double-sided adhesive tape with acrylic both sided
Description: UUTYLTAPE 12X2MMX15M	Article: 0894700122	Description: DOUBLE SIDED TAPE 25MM X 3MM X 30M	Article: 0894919000
Non-slip adhesive tape, adapt	able	Electrical insulating tape	
	Non-slip adhesive tape, adaptable		For insulating and labelling electrical cables and for fixing cable sets etc. High flexibility and adhesive strength. Up to 40 kV/mm dielectric strength.
Description: Dripfoot black sommx18.3m sripfoot conformable blksommx18.3m	Article: 0957590295 0957590296	Description: INSULATION TAPE WHITE 15MMX10M INSULATION TAPE RED 15MMX10M INSULATION TAPE BLUE 15MMX10M INSULATION TAPE YELLOW 15MMX10M	Article: 0985102 0985103 0985105 0985107
PVC insutape		Packing tape dispenser	
A CONTRACT OF CONTRACT.	Excellent insulation from ultraviolet rays and extreme weather conditions		Universal use for all commercially available packing tape dispensers up to 50mm tape width. With protective cover.
Description:	Article: 098519201	Description:	Article:
	100000		
Rapid repair tape HR	Highly resistant, self-bonding silicone tape for immediate repair and sealing of pipes and hoses up to 8 bar pressure (with dia. 1 inch), for covering tool handles.	Self-fusing shrink tape	Enables different materials to be sealed in a way that is waterproof and impermeable to water vapour. Suitable for use in various sectors, such as the automotive and electricc industries.
	Article:	Description:	Article:



### Adhesive tapes

#### EURASOL® adhesive sealing tape Double sided mounting tape Extremely adhesive, versatile adhesive tape Acrylic base adhesive tape with high for air- and wind-proof bonding of roof bonding strength underlay membranes, vapour barriers and vapour retarders and for airtight joint adhesion of OSB panels. **Description:** Article: Description: Article: ADHESIVE SEALING TAPE 25MX60MM 0992700050 HIGH BOND TAPE GREY 8x0.8mmX30M 9500500356 9500500357 HIGH BOND TAPE CLEAR 12MMX1MMX33M Fastening tape, double-sided Adhesive tape Temperature-resistant, double-sided adhesive Fastening tape, double-sided, others tape Description: Article: **Description:** Article: HIGH BOND TAPE GREY 12MMX0.8MMX33M 9500500513 DOUBLE SIDED TAPE 3MM X 24MM X 30M 9500500354 HIGH BOND TAPE CLEAR 18MMX1MMX33M DOUBLE SIDED TAPE 0.8MM X 24MM X 20M 9500500355 9500500514 HIGH BOND TAPE CLEAR 24MMX1MMX33M 9500500515 DOUBLE SIDED TAPE 0.8MM X 12MM X 20M 9500500450 DOUBLE SIDED TAPE 0.8MM X 18MM X 20M 9500500451 Masking crepe tape Masking tape, heatproof General masking tasks in the vehicle and Masking tape, heatproof, others painting fields, like on painted metal, glass, chrome parts, rubber Article: Article: **Description: Description:** FINE LINE TAPE 6MM X 30M MASKING TAPE 80 DEGREE 24MM X 40M 9500500409 9500500531 9500500410 9500500411 MASKING TAPE 80 DEGREE 36MM X 40M MASKING TAPE 80 DEGREE 48MM X 40M PVC packing tape Polyester fleece adhesive tape Universal use for sealing shipping boxes For bundling and bandaging cable made of cardboard, solid board and harnesses, especially with padded windings, corrugated cardboard. High adhesive as an alternative to foam and felt tapes strength. Protects against moisture and when insulating and damping properties are damage required, and as noise, rattle and abrasion protection (e.g. in the instrument panel, vehicle interior etc.) Article: Article: **Description: Description:** CLEAR TAPE 48MM X 50M 9500500463 LINEN TAPE ROUGH 19MM X 25M 9500500460



Surface bonding agent		Surface bonding agent	
WURTH RATTOLIS KURSTSTOFF/ BOLZ/STEIN POINER FOR MEASTIC/ WOOD/STONE	Optimisation of plastic, wood, stone and concrete surfaces	HAFTPLUS METALL PRIMER FOR METAL	Surface optimisation of metallic surfaces
Description:	Article:	Description:	Article:
OND& SEAL PRIMER PLASTIC/WOOD/STONE	089010062	BOND & SEAL PRIMER METAL	089010061
Bond and Seal structural ad	hesive	Hot melt adhesive 102	
WWERE	Elastic PU adhesive and sealant for a wide range of applications		High-strength hot melt adhesive for effective dent removal on different materials and surfaces.
Description: OND & SEAL WHITE 300ML OND & SEAL SAUSAGE WHITE 400ML OND & SEAL SAUSAGE GREY 400ML OND & SEAL SAUSAGE BLACK 400ML OND & SEAL GREY 600ML OND & SEAL GREY 600ML OND & SEAL BLACK 600ML OND & SEAL BLACK 300ML	Article: 08901001 0890100111 0890100112 0890100113 0890100181 0890100182 0890100183 08901002 08901003	Description: GLUE STICKS (25PACK)	Article: 0890100057
Profile rubber adhesive		Spray adhesive	
	Contact adhesive for universal use	WUURTH Swin- KLARR PRAY ANLEVY	Fast-drying contact and assembly adhesiv for all lightweight materials
Description: ROFILE RUBBER GLUE 250ML	Article: 0890100014	Description: SPRAY ADHESIVE 500ML	Article: 0890100055
Bond and Seal Fast structure	al adhesive	Ativating surface cleaner	
BY WURTH BY	Fast-acting, brushable PU sealant	WURTH BINGOR AVITATING CAMER CAMER	Surface optimisation of non-porous surfac
Description: OND & SEAL QUICK SET WHITE 300ML	Article: 0890100710	Description: BOND & SEAL ACTIVATING CLEANER	Article: 089010060



Varioprimer safe + easy		Windscreen/window adhe	esive
	Multi-purpose surface pre-treatment agent for all common substrates found in replacement glazing	E Wurster EXPLOSE Water Wat	High-modular, non-conductive and 1C that easy to squeeze out
Description: VARIO PRIMER TOOML	Article: 0890024101	Description: WINDSCREEN BONDER CLASSIC PLUS 310ML	Article: 0890023702
Connection hose		Double cartridge gun	
	For connecting the application gun to the spray contact adhesive BOND 90		With 1:1 mixing ratio
Description: pray gun hose 4M pray hose 8M	Article: 0891602112 0891602114	Description: Application gun for replast	Article: 0891893485
Double cartridge gun for 225	5/250 ml	Plastic double cartridge gu	n
<b>1</b> :50	Cartridge gun for two-component adhesives with quick-change plastic pressure plates for mixing ratios 1:1, 2:1, 4:1 and 10:1	R	With mixing ratios 1:1, 4:1 and 10:1
Description: APPLICATOR GUN FOR POWERBOND	Article: 0891450100	Description: DUAL CARTRIDGE GUN FOR 00893 480 001	Article: 0891893486
Foam roller		Glue roller	
	Enables thick application of glue		For the rapid and even application of glue during edge and surface gluing.
Description: OAM ROLLER FOR ROUGH SURFACES	Article: 0891188	Description: GLUE ROLLER 1KG	Article: 0891186
Inner plastic roller		Laminating roller extendab	le with lever handle
	For edge gluing		Laminating roller extendable with lever handle
		Ó	
Description:	Article:	Description:	Article:



Polyurethane roller		Primer brush	
0)	Enables even application of glue	O	Primer brush
<b>escription:</b> LYURETHANE ROLLER FOR SMOOTH SURFA	Article: 0891187	Description: APPLICATOR FOR PRIMER	Article: 0891650
Veb spray applicator gun		Spray nozzle BOND 90	
	The web spray gun allows for fast and easy application of the product		Ensures an even, fine spraying pattern
Description: pray gun for ultra high grab pray gun for web spray	Article: 0891602110 0891602111	Description: SPRAY TIP 1-9" FAN (9501-HIGH TEMP) SPRAY TIP LECHLER (ULTRA HIGH GRAB)	Article: 0891602117 0891602118
Static mixing tube		Static mixing tube	
	For 2C plastic adhesive		For Powerbond bodywork adhesive
Description:	Article: 0891486	Description: MIXING NOZZLE FOR POWERBOND	Article: 0891450101
	·		
Cold wood glue D3	For particularly demanding wood bonding in in indoor and outdoor applications	Cold wood glue D2	For gluing all types of wood
Description: VOOD GLUE WATER RESISTANT 5KG	Article: 0892100275	Description: wood glue standard 1kg	Article: 0892100270
VOOD GLUE WATER RESISTANT 20KG	0892100276	WOOD GLUE STANDARD 5KG	0892100271



### Adhesives

WURTH PRANIN PRANIN PRANIN PRANIN	For structural production of moisture-resistant windows, door frame and cassette gluing, stairs, hand rails etc. Also highly suitable for higher wood moistures	FAST-DRYING WOOD GLUE	Very quick hardening universal glue for gluing all types of wood
Description: UR GLUE 500ML CLEAR (RAPID) 500G	Article: 0892100180	Description: WOOD GLUE FAST DRYING 5KG WOOD GLUE FAST DRYING 20KG	Article: 0892100278 0892100279
Static mixing tube		2-component adhesive AL-1	
	For 2-component adhesive AL-1	WURTH 2X0MPONINTS RESTORE ALS	Low-emission adhesive for bonding angle brackets in aluminium windows, doors and façade construction
Description: MIXING NOZZLE FOR AL-1	Article: 0892130015	Description: 2 COMPONENT ADHESIVE FOR AL-1 920GR	Article: 0892130010
Activator		Glass-clear adhesive sealant	
	To accelerate the curing of superglues	S VULKTH RESISTOR MICKINGH AMERIYA RULLANT	Universal and elastic construction adhesive and sealant, clear as glass
Description:	Article: 089330120	Description: Adhesive sealant glass clear 290ml	Article: 08932250



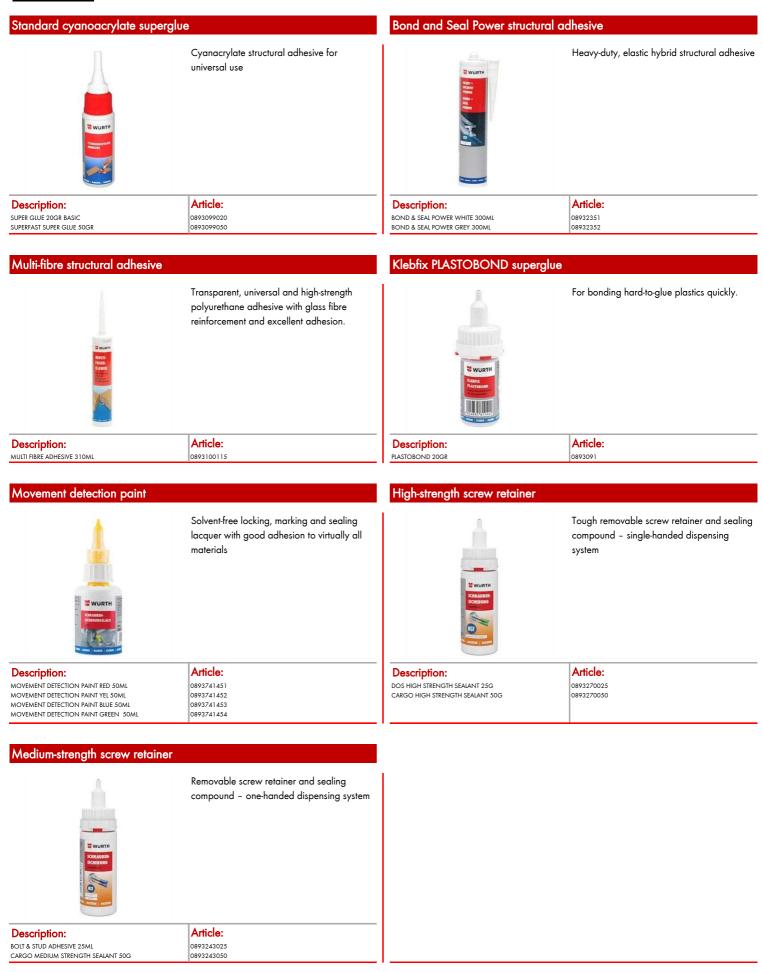


Contact Adhesive		Klebfix superglue	
WURTH CONTACT ADHESIVE	Contact adhesive CBA		For bonding metal, plastic and rubber parts with and to each other in a matter of seconds
Description:	Article:	Description:	Article:
CONTACT ADHESIVE STANDARD 1 LITRE STANDARD CONTACT ADHESIVE 5LITRE	0893100270 0893100271	SUPER GLUE DISPENSER 20G SUPER FAST ADHESIVE 5G	089309 08930900
Klebfix FLEX superglue		Superglue	
	Tough yet flexible black superglue with excellent thermal resistance.		Universal superglue specially designed for porous materials and uneven, rough components as well as for metal, plastic, rubber and wood
Description: ELASTOBOND 20GR	Article: 0893092	Description: SUPERGIUE KLEBFIX 4 IN 1 50G	Article: 0893423
Klebfix GEL superglue	Run-proof superglue in gel form enables precise application, even on overhead or vertical surfaces	Primer for superglues	For improving adhesion of hard-to-glue plastics
Description: skg super glue gelform 3g	Article: 0893403	Description: PRIMER FOR PLASTOBOND	Article: 08930915
Contour film	Special contour film for modelling REPLAST plastic glue	2C plastic adhesive	Very quick-curing, easy-to-use structural 2- component polyurethane adhesive that hardens to a durable polymer through the chemical reaction of the two components.
Description: REPLAST OUTLINE FOIL 3.5M	Article: 08935007	Description: REPLAST ADHESIVE 2C UNIVERSAL 50ML	Article: 08933014



REPLAST plastic cleaner		Reinforcement tape	
WURTH Warsar Warsar	Effortless and thorough cleaning		Special fabric tape for the quick repairs of tears and holes with REPLAST plastic adhesives.
Description: REPLAST PLASTIC CLEANER 500ML	Article: 08935001	Description: REPLAST REINFORCING TAPE 3.5M	Article: 08935006
HIGH TACK SMP adhesive		Solvent-free assembly adhes	sive
E WURTH R ward R war	Structural adhesive with extreme initial SMP- based bonding	St WURTH Runner Annaer Annaer	Solvent-free, acrylic dispersion-based adhesive with high initial strength for bonding a wide range of indoor materials
Description: HIGH TACK SMP ADHESIVE 290ML	Article: 0893237140	Description: PANEL ADHESIVE SOLVENT FREE 310ML	Article: 0893100100
Special 2C adhesive set 5 pc		Web Spray Adhesive	
S SK/pet 6 65 <sup>12</sup> 4 Color Participations All and the state of the sta	Elastic 2C adhesive for easy bonding of glass and metal to and with each other	WURTH	A high performance contact adhesive with a unique resin formula which creates a tough and resilient bond line between decorative surface materials and all common wood substrates.
Description: GLASS METAL GLUE 5ML	Article: 089340	Description: Web SPRAY HI-TEMP HM 22UTRE	Article: 0893100008
Spray adhesive webspray Hi		Spray adhesive, high-tempe	
WURTH	Spray adhesive webspray Hi-Temp NC	WURTH Na SPAR Na SPAR	Spray adhesive, high-temperature OTC/CA
Description: WEB SPRAY NC 22LITRE	Article: 0893100009		Article: 0893100514
WED SPRATING ZZUIKE	0833100003	WEB SPRAY ULTRA HIGH GRAB 500ML	0893100514

# 븢 WüRTH





### **Building chemicals**

1C foam gun PURlogic® Xpr		Angled adapter	
	For professional application of 1-component gun foams		Angled adapter for 1C multi-purpose foar
P		X	
Description: PRAY FOAM GUN.	Article: 08911524	Description: ELBOW ADAPTER FOAM STRAW 4.5MM	Article: 0891142002
Angled adapter		1C combination foam	
1	Suitable for PURLOGIC Easy, PURLOGIC Easy White and PURLOGIC Fast		Combination valve, can be used with gun and adapter
Description:	Article:	Description:	Article:
NGLED ADAPTER FOAM STRAW 7MM	08911510	C1 MULTI-PURPOSE GUN FOAM 750ML	0892142105
Perimeter adhesive		1C well foam combi	
E WEETS E WEETS Easter Honoret Honoret	1-component polyurethane adhesive for bonding polystyrene hard foam boards in perimeter areas	Parti Parti Ration Particular Particular	1-component special foam with safety combination valve for bonding and sealin components in civil engineering applicatio
Description: ERIMETER ADHESIVE 1C 750ML	Article: 08924005	Description: W-DRILLING FOAM C1 M-P 750ML	Article: 08924009
PURLOGIC PU FOAM ADHE	SIVE	PURlogic® Fast 2-componen	t frame foam
	Polyurethane-based spray-on construction adhesive	E SUCETY FIELD THE SATE THE STREET	2C cartridge foam for secure door frame installation
Description: U FACADE FOAM BOOML	Article: 0892152125	Description: 2C FRAME FOAM PURLOGIC FAST 400ML	Article: 0892144
ood-grade silicone acetate		Silicone acetate	
E wurst	Special, high-quality sealant for sealing in food processing and drinking water sector, as well as for aquarium construction	E WURTH RACON ACTAR RACIAT Readeds	Connection and expansion joints in tiled, bathroom and sanitary areas.
Description: ood safe silicone clear	Article: 08925501	Description: ACETATE SILICONE SEALANT CLEAR 280ML ACETATE SILICONE SEALANT BLACK 280ML ACETATE SILICONE SEALANT WHITE 280ML ACETATE SILICONE SEALANT GREY 280ML	Article: 089231885 089231886 089231887 089231888



### **Building chemicals**

Building chemica			
Acrylic sealant		Parquet acrylic	
Wourner Korns Karner Karner	For sealing indoor joints with low absorption of movements	E WUURTH RARET ARTY RARET	For sealing indoor parquet joints
Description: acrylic sealer 310ml white	Article: 0892165	Description: WURTH ACRYLIC MAPLE/BIRCH 310ML WURTH ACRYLIC OAK 310ML WURTH ACRYLIC NUTTREE 310ML	Article: 08921710 08921713 08921716
E5 PRO – Silicone Acetate		Neutral silicone	
W WURTH B mg- Roman Roman Roman Roman	E5 PRO - silicone acetate	WALKET A	Neutral silicone, coloured
Description: SILICONE ACETATE 310ML BRONZE	Article: 0892845329	Description: SILICONE NEUTRAL 310ML CLEAR SILICONE NEUTRAL 310ML BLACK SILICONE NEUTRAL 310ML WHITE SILICONE NEUTRAL 310ML GREY	Article: 08925301 089253012 08925302 08925304
PU foam cleaner PURlogic	® Clean	Silicone acetate	
WWERTH PRECORC CLAN WEETH	Quickly and simply removes fresh PU foam residue	C WURTH HCCar HLoos HLoos HCCart	For tile joints subject to medium stresses, fo indoor and outdoor use
Description: PU CLEANER 500ML	Article: 0892160	Description: SILICONE ACETATE 310ML GREY	Article: 08925703
Silicone acetate, crystal cle	ear		
C WURTH Microsoft Naces Naces	Crystal-clear sealant for joints in glass, display window and display case construction		



Cleaning agents and care products

	•		
Active glass cleaner		Brake cleaner	
E WURTH Arres sale Arres sale	Active cleaning foam for streak-free cleaning on glass and smooth surfaces	WURTH REASON REMOTE BASES	For cleaning and degreasing during maintenance and repair work
Description: WIND SCREEN CLEANER ACTIVE 500ML	Article: 089025	Description: WURTH BRAKE CLEANER SPRAY 500ML BRAKE CLEANER SPRAY SUITRE BRAKE CLEANER 20LITRE	Article: 08901087 0890108715 0890108716
Cockpit cleaning and care s	spray	Multiclean cleaning liquid	
	Provides outstanding cleaning power and gentle care in a single step.	WORTH WURTH UTTELEAN We and We	For cleaning and temporary lubrication in physiologically and ecologically sensitive areas. NSF-certified.
Description: COCKPIT CLEAN & CARE SPRAY 400ML	Article: 08902221	Description: FOODLINE MULTICLEAN 400ML	Article: 08901096
Oil binder Basic		Oil binder Road	
	Water-repellent material for wiping up oily substances easily.		Non-slip granulate for mopping up oily and aqueous substances on solid substrates and road surfaces
Description: OIL BINDER SO LITRE BAG	Article: 08906	Description: MICRO ABSORBER 10KG	Article: 089061
Oil stain remover		Assembly power cleaner	
WURTH OFFICK- DITERNER OIL STAIN EMOVER	Highly effective oil stain remover to loosen and bind oils and greases		Highly effective special cleaner containing solvents. NSF-certified
Description: OIL STAIN REMOVER	Article: 0890610555	Description: ASSEMBLY CLEANER POWER 500ML	Article: 0890107



### Cleaning agents and care products

	Rubber care spray	
Effortlessly removes tar, oil, and splashes of underbody seal and cavity sealant from paint and chrome	Contraction Contra	Prevents door, bonnet and luggage compartment rubber seals from freezing in winter or becoming stuck due to ageing and heat
Article: 089026	Description: RUBBER PROTECTION SPRAY 300ML	Article: 0890110
	Tyre foam	
For easy removal of surface rust on bodywork, sheet metal and steel, iron and cast metal parts.	E WURTH Extrans The foat	High-quality care product for tyre walls
Article: 0890130	Description: TRECAREFM-500ML	Article: 0890121
	Compressed air cleaning	j gun
Vehicle cleaner FI-Cleaner		For use with Würth utility vehicle, workshop and service cleaners and other cleaners together with high-pressure devices or steam jets
Article: 0890120	Description: AIR APPLICATOR GUN	Article: 0891612
	Aluminium telescopic sho	aft with water drain
Funnel plastic-set		Telescopic alu pole
Article: 0891410010	Description: TELESCOPIC HANDLE FOR BRUSH 2840MM	Article: 0891350104
	underbody seal and cavity sealant from paint and chrome     Article:   099026   For easy removal of surface rust on bodywork, sheet metal and steel, iron and cast metal parts.   Article:   0990130   Vehicle cleaner FI-Cleaner   Vehicle:   0990120   Funnel plastic-set   Article:	Effortlessly removes tar, oil, and splashes of underbody seal and cavity sealant from paint and chrome       Description:         Article:       Description:         00003       Description:         Article:       Description:         00003       Description:         Article:       Description:         00003       Description:         Article:       Description:         00003       Description:         Article:       Description:         000130       Description:         Vehicle cleaner FI-Cleaner       Description:         Article:       Description:         000130       Description:         Vehicle cleaner FI-Cleaner       Description:         Article:       Description:         000130       Description:         Article:       Description:         000130       Description:         Article:       Description:         000130       Description:



#### Cleaning agents and care products

#### Washing brush, 150 x 250 mm

Car washing brush with water passage, rotary joint and rubber edge.

Article: 0891350100

Article:

892130030

#### Universal cleaner type 60

CARWASH BRUSH WITH WATER FLOW

ALUMINIUM CLEANER TYPE 60 1 LITRE

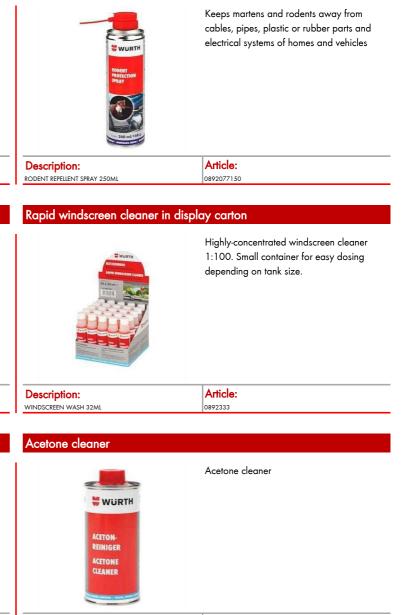
**Description:** 



Rapid windscreen cleaner TopDos

Non-corrosive universal cleaning agent for various plastics and powder-painted and metallic surfaces

Protection against martens/rodents



**Description:** WINDSCREEN CLEANER 250ML

Adhesive remover spray

dispensing process)

The integrated Top Dos dispensing unit

enables precise dispensing (25ml per

Article: 0892333250

#### Easily removes hardened hot-melt adhesive from the paint surface

#### For cleaning and polishing

Article:

Article:

89312130

0893460



Description:

**Description:** 

ALUMINIUM POLISH 5

ACETONE CLEANER 250ML

Aluminium polish

Article: **Description:** ADHESIVE REMOVER 150M 893141

WURTH



### Cleaning agents and care products

Anti-hologram polish P30 Plu			
WURTH	High-gloss finish polish for permanently removing streaks and holograms on dark vehicle paints		Intensive foam cleaner for the entire vehicl interior
Description:	Article:	Description:	Article:
NTI HOLOGRAM POLISH P30 1KG NTI HOLOGRAM POLISH P30 250GR	0893150030 0893150032	ACTIVE CLEAN 500ML	0893472
Part cleaners		Deodoriser	
For the second sec	Degreaser, trucks	WURTH QUICK FRESH TURBO	For effectively controlling interior odours
Description:	Article:	Description:	Article:
IGINE CLEANER 25LITRE GREASER 1LITRE GREASER 25LITRE	0893013125 0893170129 0893170130	QUICK FRESH ACTIVE 40ML	0893764640
ast grinding polish		P - ONE STEP 3IN1 - grine	ding polish, finish polish and wax
WURTH	Highly abrasive high-gloss polish for quickly removing surface defects in fresh repairs and fully hardened top coats	WURTH	Polish out sanding marks, reliably remove holograms and streaks and protect the resulting high-gloss surface for a long time with just one all-round product.
Description:	Article:	Description:	Article:
IST CUT POLISH P10 1LTR IST CUT POLISH P10 250GR	0893150010 0893150012	POL-{ONE STEP 3IN1}.P-1KG	0893150060
ligh-gloss polish		Universal waterproofing s	ριαγ
4	Medium-abrasive high-gloss polish for efficient paint preparation	WURTH Weaterstone	For water, oil and dirt-proofing of textile surfaces
WURTH		PRAY INVESTIG	
	Article: 0893150020	FRAY UNIVERSAL	Article: 0893032100



<u>Cleaning agents and care products</u>

Industry Clean		Insect remover	
	High-quality special cleaner for removing adhesive tape residue, labels and film stickers as well as stubborn dirt. NSF- certified		For fast and reliable removal of insect residues on glass, chrome, paint and plastic surfaces
Description:	Article:	Description:	Article:
INDUSTRIE CLEANER 500ML	0893140	INSECT REMOVER 500ML	0893470001
Intensive wheel rim cleaner		IPA isopropanol cleaner	
WURTH	Intensive rim cleaner	WURTH PA- REINIGER IPA CLEANER	For universal use
Description:	Article:	Description:	Article:
INTENSIVE RIM CLEANER 1 LITRE	0893476	IPA CLEANER 500ML	0893223500
Solvent-free leather care age	ent	Metal restorer	
	Gentle cleaning and intensive care of smooth leather	WURTH HTALKANDER NEAR ASSORD	Powerful metal grinding paste for removing the most stubborn dirt on metal. NSF- certified.
Description:	Article:	Description:	Article:
LEATHER CARE 500ML	0893012901	METAL RUBBING COMPOUND 400G	08931211
Plastic care		Premium rim cleaner	
WURTH RESISTORPHUSE PASTIC CARE	High-quality care wax for all outdoor plastic and rubber parts	WURTH TRANSP Present Case Present	Acid-free special cleaner for all steel and light-alloy wheel rims
Description:	Article: 0893477		Article: 0893476500
PLASTIC CARE 1 LITRE	00734//	RIMCLNR-PREMIUM-SPRAYCAN-400ML	00934/0300



### Cleaning agents and care products

Sealant remover		Silicone remover	
WURTH MAILUTE RALAUT HIMOVER	Removes sealing materials, adhesives, paints, etc. in just minutes		Professional cleaning and degreasing before applying adhesives or painting.
Description: SEALER REMOVER 300ML	Article: 08931000	Description:	Article: 0893222
Silicone spray		Silicone fluid silicone spray	
₩ULRTH HILDON FRAT FRAT	Ensures long-lasting protection, preservation and insulation of vehicle exterior and interior plastic, rubber and metal parts; good lubricating properties		High-quality, physiologically safe anti-friction and release agent
Description: SILICONE SPRAY 500ML	Article: 0893221	Description: FOODLINE SILICON FLUID 400ML	Article: 0893221000
SILICONE SPRAY 5LITRE	089322105		
Stainless steel care spray		Stainless steel power cleane	er
WURTH Decisional Praesenal Ranges Still Gas Spear	Cleaning care emulsion for metallic surfaces		Special cleaning fluid for pre-cleaning metal surfaces. NSF-certified.
The second secon		a	
	Article: 0893121	Description: STAINLESS STEEL POWER CLEANER 500ML	Article: 08931212
STAINLESS STEEL CARE SPRAY 400ML		STAINLESS STEEL POWER CLEANER 500ML	
Description: TAINLESS STEEL CARE SPRAY 400ML EC300			



Cleaning agents and care products

EC100		Textile cleaner Liquid Clea	ar
	Residue-free cleaner		Multifunctional fabric cleaner with nano- waterproofing
Description: IRFCLNR-RESIDUEFREE-EC 100-500ML	Article: 0893117138	Description: TEXTILCLINR VEH-(LIQUID CLEAR)-500ML	Article: 0893474200
Multi-purpose cleaner Liqu	uid Green	Easy Clean dry cleaner	
	Powerful multi-purpose cleaner with great grease and resin dissolving capacity		Water-free cleaning for vehicle surfaces
	Article: 0893474	Description: EASY-CLEAN-400ML	Article: 5861900006
Glass cleaner		Insect remover	
	Glass cleaner for windows, mirrors, and windscreens.		Special cleaner for removing insect residu on glass, paint, chrome and plastic surfac
Description: SLSCLNR-400ML	Article: 5861900008	Description: INSEREM-400ML	Article: 5861900007
Rim cleaner		Headlight refurbishment s	et
Swanth	Highly effective, acid-free special cleaner for all steel and alloy rims and hubcaps.		Professional 2-stage system for refurbishm of heavily weathered vehicle headlights
Description:	Article: 5861900009	Description: 2SPCS 2-STAGE HEADLIGHT REFURBISHMEN	Article: 5964089316
Paint finish assortment		Hand sanitiser Puritise wit	h scent
	For professional processing of painted surfaces		Hand sanitiser Puritise with scent



### Filling systems - reusable cans

Filling system REFILLO®		Compressed-air filling station Refillo® combi	
WURTH Rost off Pus	The safe and economical system for manual refilling of spray cans with active substances and compressed air.		For quick and easy pressurised filling of REFILLO & REFILLOmat cans
Description: REFILIO CAN - ZEBRA ROST OFF REFILIO CAN - WS 5	Article: 08918002 08918009	Description: Refill pressurising station	Article: 0891800001
Spare direct jet spray head		Replacement misting spray head	
	Replaceable spare direct jet spray head for the REFILLO® system		Replaceable spare misting spray head for the REFILLO® system
Description: EFILIO SPARE NOZZLE - DIRECT SPRAY	Article: 0891850	Description: SPARE VALVE FOR REFILLO STATION	Article: 0891851
Universal mount			
	Universal can holder for quick access in the workshop		
Deserietien	Articles		

 Description:
 Article:

 REFILLO CAN HOLDER
 08918901



Mould release agent		Rust remover	
M WEIRTH TORANS TREMMITTE AULINA PATHORA ALERT	Mould release agent		High-quality rust remover, lubricating effect owing to the latest additive technology (OMC 2 technology)
Description: MOUID RELEASE AGENT 400ML	Article: 089050	Description: ROST OFF PLUS 300ML ROST OFF PLUS 400ML ROST OFF PLUS 5L	Article: 0890200 0890200004 0890300
Tyre mounting paste		Empty container with spray	gun
	For mounting car, truck and motorcycle tyres		Lockable regulating nozzle permits all settings from mist to jet
Description: Tyre fitment paste 5kg (black)	Article: 08901241	Description: SPRAY CONTAINER FOR ROST OFF 1/2 LTR	Article: 0891502005
Adhesive lubricant HHS®1	100	Adhesive lubricant HHS® 2	200
	Shear-proof dry synthetic wax with PTFE		High-quality, white, long-life maintenance grease with PTFE
Description: WURTH HHS DRY LUBE SPRAY 400ML	Article: 08931066	Description: HHS GREASE WHITE 400ML	Article: 08931067
Adhesive lubricant HHS®	2000 PLUS	Adhesive lubricant HHS® 3	500
	High-pressure-resistant lubricating oil with excellent adhesive properties	WURTH IS SOO WILL SOO	EP long-life spray grease for excellent protection against weathering and environmental influences



#### Lubricants and rust removers

#### Adhesive lubricant HHS® 6000 PLUS



High-performance lubricating oil for extreme speeds

**Description:** ADHLUB-HHS6000PLUS-400ML Article: 0893106202

Article:

089310610

Article:

08938801

0893800



Adhesive lubricant HHS® 2000

Partly synthetic oil that is extremely resistant to high pressures

	Description:	Article:
	HHS 2000 LUBRICANT SPRAY 500ML ADHLUB-HHS2000-150ML	0893106 08931061
	Aluminium paste	
ner + adhesion n) specifically ts		Highly adhesive lubricant resistant to temperatures and high pressure
	At 100 March Angel Research and Angel Ang	
	Description:	Article:
	AL 1100 BRAKE PASTE 100G	08931101

HHS® Clean adhesive lubricant pre-cleaner

WURTH

Highly effective pre-cleane promoter (primer function) matched to HHS products

#### **Description:** WURTH HHS CLEAN 500ML Commercial vehicle high-performance lubricating grease

Lithium-complex lubricating grease, mineral oil-based



Copper paste

Description:

COPPER PASTE 1KG

**Description:** 

CUTTING AND DRILLING PASTE

COPPER PASTE CU 800 100G

Highly adhesive lubricating, separating and anti-corrosive copper paste that is extremely resistant to high temperatures and high pressures

Copper spray

COPPER SPRAY CU 800 300ML

HIGH PERFORMANCE SHUTTLE GREASE 400G

**Description:** 



Highly adhesive lubricating, separating and anti-corrosive copper spray that is extremely resistant to high temperatures and high pressures

#### Cut and Cool Perfect drilling/cutting paste



Optimum results and safety for all materials and applications

Article:

08938001

08938002



Drilling and cutting foam CU	T+COOL	CUT+COOL drilling and cut	ting oil
	Highly active, high-performance cutting foam for all machining work.		Multi cutting oil for light to medium machining work
Description: CUTING AND DRILLING FOAM 400ML	Article: 0893050007	Description: DRILL & CUTTING OIL 400ML CUTTING OIL (CUT COOI) 5LTR CANISTER	Article: 0893050004 08930501
Dry lubricant spray		Adhesive lubricant	
WURTH Receive Primear Primear Primear Primear Primear	Dry lubrication, does not attract dirt and dust		Waterproof, synthetic adhesive lubricant with penetrating properties
Description: WURTH PTFE SPRAY 300ML	Article: 0893550	Description: HHS FOODSTUFF 500ML	Article: 08931076
Foodstuffs lubricating oil		High-temperature lubricant p	paste HSP 1400
0	Colourless special lubricant with creeping properties for the food industry as well as for the beverage, pharmaceutical and clinical industries		Grey, metal-free lubricant paste that reduces wear, separates surfaces reliably and provides outstanding corrosion protection.
Description: FOOD SAFE LUBRICATING OIL 300ML	Article: 08931071	Description: ASMBYPASTHSP1400AEROSOLCAN-300ML	Article: 0893123
Rubber Grease		Joint grease DOOR LUBE	
BD RUBBER GREASE 5003	Joint grease	0	Joint grease DOOR LUBE
Description: red rubber grease 500gr	Article: 0893820500	Description: DOORLUBE STICK 25G	Article: 0893820025



Lock cylinder spray		Woodslide	
MURTH Scilless Zillors PRAY Water	For the care of all types of locks		For neutralising resin
Description: LOCK CYLINDER SPRAY 50ML	Article: 0893052	Description: WOODSLIDE SUTRE WURTH WOOD SLIDE SOOML	Article: 0893070 08930705
Lubricating grease		Maintenance oil	
	High-performance lubricating grease	■	Versatile multi-functional spray for a range of applications
Description:	Article: 0893530	Description: MULTI "5-IN-1" SPRAY 400ML	Article: 089305540
Multi Plus maintenance oil	High-performance multi-purpose spray for universal use	Maintenance oil Multi Co	Versatile multi-functional spray for a range of applications with multi-functional spray head
Description: MAINTOIL{MULTI PLUS}-400ML	Article: 0893056000	Description: MAINTOIL (MULTI COBRA)-400ML	Article: 0893055400
Multi-purpose grease I		Multi-purpose grease IV	
₩URTH BERB EWICK- RTTI HUIT- FURDOS GREASI	Universal lithium-saponified grease	WURTH Reg. Twickett 7 Warder Galasty	Synthetic high-performance grease with white solid lubricants
Description:	Article: 08938701	Description:     WURTH GREASE MULTIPURPOSE FOOD SAFE	Article: 0893107003



Rust remover		BOLTEX rust remover	
ROST-OFF SPECIAL	High-performance rust remover with food registration (NSF - H1)	WURTH EVEN BORNESS BOR	Mineral oil-free, high-tech rust remover with KENA® microfluid formula for loosening seized connections and for cleaning surface rust and rust spots
Description: CRAFTY ROST OFF 300ML	Article: 0893130400	Description: RUSTREM-(BOLITEX)-300ML	Article: 0893250300
Rust remover		Silicone spray grease	
WURTH WURTH HE STANDARD HE S	High-quality rust remover with cracking effect due to extreme cooling and excellent creep properties	WURTH BROW PROW PRAY	Glass-like transparent, extremely lubricating and insulating silicone grease that displaces water
Description: ROST-OFF-ICE 400ML	Article: 0893240	Description: SILICONE SPRAY GREASE 500ML	Article: 0893223
Slide wax		Special oil	
	Silicone-free dry lubricant with PTFE		The special oil is especially suitable for use in pneumatic oilers.
Description: LUBSPR.SLIDE-WAX-500ML	Article: 0893550000	Description: PNEUMATIC OIL - 1LITRE	Article: 08930505
V-belt spray		Wire cable spray	
WURTH RELEASED PRAY VAELY SPRAT	For extending the service life of V-belts	S WURTH Baarstel- Pray Wei Ross Pray	Protective wax with OMC2 for lubricating and preserving
Description:	Article:	Description:	Article:



Coupling for grease gun foot wi	th foot pedal	Grease gun with foot operated	
	Coupling for grease gun foot with foot pedal		Grease gun with foot operated
0		6	
Description: GREASE COUPLER UNIVERSAL	Article: 0986000055	Description: GREASE PUMP FOOT OPERATED	Article: 0986000050
Hand-lever grease gun		Lube-Shuttle® hand-lever grease	gun
	(DIN 1284, 235 x 53.5 mm) or for 500 cm <sup>3</sup> loose grease		The system for lubricating greases in 400 g system cartridges
Description: MULTI PURPOSE GREASE GUN	Article: 098600	Description: LUBE SHUTTLE GREASE GUN	Article: 098605
Hose for grease gun with foot o	perated	Chuck	
	Hose for grease gun with foot operated		Nozzle for hand-lever grease gun
Description: 5M HOSE ASSEMBLY	Article: 0986000056	Description: GREASE NIPPLE MOUTH PIECE M10X1	Article: 0986003



#### <u>Sealant</u>

DP 300 engine and housing sec	aling compound	Engine sealing compound silico	ne
Transfer Statements	Permanently plastic engine and housing sealing compounds with high degree of temperature resistance		Good adhesive and sealing compound for use in industry and the automotive sector
Description:	Article: 0890100048	Description: RTV GASKET SEALER GREY 85GR	Article: 0890324085
Engine sealing compound		Adapters	
Hand Free and Free an	Permanently elastic silicone sealing compounds for engine and bodywork, brief temperature resistance of 300°C		With threaded connector for replacement nozzles with a fine thread
Description: SILICONE SPECIAL 250 RED 70ML	Article: 0890321	Description: NOZZLE ADAPTOR FOR SAUSAGES	Article: 089165110
		1	
Application nozzle Standard	Coarse thread	Bag pressure piston	For applying adhesive and sealants as bag goods.
Application nozzle Standard	Coarse thread          Article:         0891653	Bag pressure piston	
Description:	Article:	Description:	goods.
Description: NOZZLE FOR 310MLCARTRIDGE TRANSP	Article:	Description: Pressure Piston	goods.

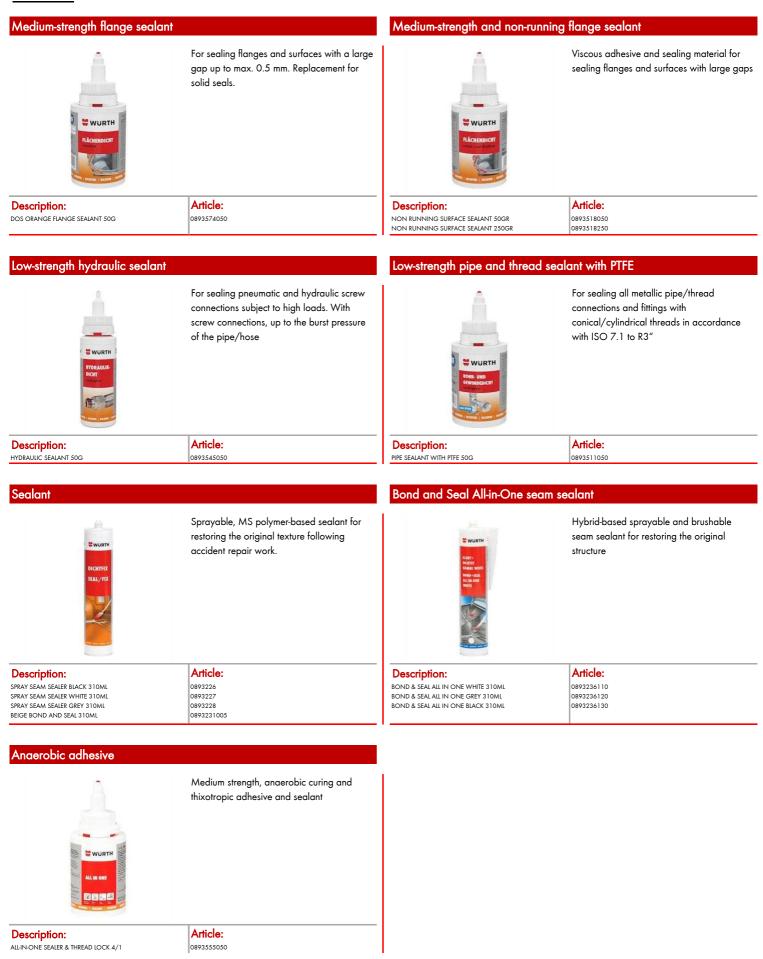


#### <u>Sealant</u>

<u>ooulum</u>			
Cartridge gun		Manual caulking gun for a	cartridges Basic
	Sturdy design, semi-open, made of sheet steel with feeding mechanism.		Simple design, semi-open, made of sheet steel with riveted struts
Description: APPLICATOR GUN FOR 310ML TUBE	Article: 0891318	Description: HAND GUN FOR 310ML TUBE	Article: 0891001
Nozzle with ragged edge for	or cartridge gun	Nozzle with rounded edge	e for cartridge gun
	Nozzle with ragged edge for cartridge gun	T	Nozzle with rounded edge for cartridge gun
Description: ragged edge spray NOZZLE	Article: 0891628671	Description: ROUND BEADING SPRAY NOZZLE	Article: 0891628672
	gun with telescopic plunger For cartridge sealants up to 310mL and bags up to 400mL	Repair set for pneumatic a	Repair set for pneumatic application gun PS 5
Description: GUN - SEAM SEALER	Article: 0891628031	Description: REPAIR KIT FOR 01891 628 31	Article: 0891628831
Paintable body sealant		Super RTV silicone adhesiv	ve and sealing compound
WURTH STREIGHAM KAROSSEM PAINTABLE BODYWOR SCALAMT	Sealant for true-to-original reproduction of the brushed texture from the factory.		High-quality adhesive and sealing compound for use in industry and the automotive sector.

# 🖶 WüRTH

#### <u>Sealant</u>





Anti-squeal spray		Battery terminal protector	
WURTH HTCCGGLO PRAY Amountoch Pray	Eliminates disc brake pad squeal. Helps to prevent brake pad knocking and vibration within the caliper frame.	WURTH HTDD: HTD: HT	Long-term and temperature-resistant protection for battery terminals
Description: NNTI SQUEAK SPRAY 300ML	Article: 0890106	Description: BATTERY TERMINAL PROT RED 300ML	Article: 0890104030
Contact spray		BATTERY TERMINAL PROT BLUE 300ML	0890104031
WURTH BRATAT: PRAT	ls quick and reliable at rectifying ignition problems		Quick-drying powder spray for detecting leaks in systems carrying fluids
Description: CONTACT SPRAY 300ML	Article: 0890100	Description: WET LEAK DETECTOR	Article: 0890200400
Freezer spray		Leak detector	
WURTH WRISSER- APRAY PRAY	For universal use in repair and assembly work and for troubleshooting	WURTH Ucsucati Uak Mitcore	Detects leaking areas in compressed air an gas systems
Description: EMPERATURE REDUCTION SPRAY 200ML	Article: 0890001200	Description: LEAK DETECTOR SPRAY 400ML	Article: 089020
Start-Rapid starting aid spr	ay	Basic UV leak detection a	dditive
WURTH Rattaaro Rattaaro	Rapid engine starting aid for cold starts which are gentle on the battery, with proven combination of active agents		Fluorescent additive for locating leaks in R134a and R1234yf air-conditioning systems



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Air-conditioning refrigerant R13	4 a	Brake fluid	
	Accessories for maintaining, servicing and retrofitting R134a vehicle air-conditioning systems	WüRTH Bit am at	For hydraulic brake and clutch systems.
Description:	Article:	Description:	Article:
REFRIGERANT R134A 13.6KG	0892764075	DOT 4 BRAKE & CLUTCH FLUID 500ML	0892009050
Radiator leak detection additive		Multi-range compressor oil	
	Fluorescent additive for locating leaks in cooling systems with water cooling.	WURTH RRBEBEICKS- RAMPRESSOR OF PRO GAMPRESSOR OF IRP	High-value synthetic oil with additive specifically tailored for use in air-conditioning compressor technology
Description: RADIATOR LEAK DETECTOR	Article: 0892764013	Description: COMPOIL-MULTIGRADE PRO 1000ML	Article: 0892764123
	0012/04010		0072704720
Organic longlife		Vacuum pump oil	
	Organic acid coolant and antifreeze products		For maintaining the vacuum pump in air- conditioning service units
Description: ANTI FREEZE IUTRE ANTI FREEZE 20UTRE ANTI FREEZE 4UTRE	Article: 0892350001 0892350020 08923541	Description: VACUUM PUMP OIL A/C 250ML	Article: 0892764300
Air conditioning disinfectant spr	av	HT brake protection	
Wurth	For cleaning and disinfecting vehicle air- conditioning systems		Lubricating, separating and anti-corrosive paste extremely resistant to high temperatures and high pressures
Description: AIRCON DISINFECTANT SPRAY 300ML AIRCON DISINFECTANT SPRAY 300ML	Article: 089376410 0893764139	Description: BRAKE SHOE PROTECTION SPRAY 300ML	Article: 0893816



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CO2 test liquid		Compressed air spray	
₩URTH CO_TEST RUSSREKET CO_LLAK DETECTOR RUID	CO2-test fluid	BUCURTH BRUCUUT PRAT CARPESSID AN SPAAT	Effortlessly removes dust in hard-to-reach areas
Description:	Article:	Description:	Article:
CO2 LEAK TESTER FLUID 500ML	0893202	COMPRESSED AIR SPRAY 200ML	0893620200
Contact spray		Contact spray	
	Spray oxidation solvent	WURTH HOTATO Management Managemen	Spray oxidation protection
Description:	Article:	Description:	Article:
CONTACT OXIDATION SOLVENT 200ML	089360	CONTACT OXIDATION PREVENTION 200ML	089361
Contact protective coating		Diesel Cure	
	Transparent spray protective lacquer	WURTH DESELCURE	Cleans and protects all standard diesel fuel systems used in passenger cars, trucks, in the maritime industry and agricultural machinery/plants.
Description: CONTACT LACQUER PROTECTION 200ML	Article: 089370	Description: DIESEL CURE 25UTRE DIESEL CURE 330ML DIESEL CURE SUTRE	Article: 0893567251 0893567331 089356751
Engine cleaner additive LW	/G	Injector-Ex injector solvent	
	Engine cleaner additive LWG		Mineral oil free injector and spark plug solvent with KENA® microfluid formula.
Description: ENGINE CLEANER 500 ML	Article: 0893013501	Description: INJECTOR SOLVENT INJECTOR EX 250ML	Article: 0893300250



		Throttle velve cleaner	
Fuelcure	Fuel moisture removal	Throttle valve cleaner	Special, highly active system cleaner for 2- and 4-stroke engines.
Description: EFTRO CURE 330ML FUEL CURE 330ML	Article: 0893559559 0893559560	Description: INTAKE & THROTTLE VALVE CLEAN 500ML	Article: 5861113500
Diesel particulate filter cle	aner	Engine flush and cleaner	
	Cleaner for removing carbon and ash deposits from diesel particulate filters	CONTRACT CON	Cleans the inside of the engine and the oil supply system
Description: D/FILTER PARTICULATE CLEANER 400ML	Article: 5861014500	Description: ENGINE FLUSH & CLEANER 400ML	Article: 5861310400
Engine oil performance im	prover	Petrol lead substitute	
			Protects against engine knocking, ringing
WURTH B RETORN RESERVE BARA	Protection for all petrol and diesel engines	WURTH WARAAT HARMANT HARMING	and reignition
Rescription:	Protection for all petrol and diesel engines          Article:         5861300300	NERZIN- Nitherbarz Viado	
PRETIONS VIREASSERIE MOTOROS	Article:	Description:	and reignition
With our           Work or           Work or <t< td=""><td>Article:</td><td>Description:           PETROL LEAD SUB 250ML</td><td>and reignition</td></t<>	Article:	Description:           PETROL LEAD SUB 250ML	and reignition



Radiator cleaner		Radiator sealant	
WURTH WRIE WRIE WRIE WRIE WRIE WRIE WRIE WRIE	Suitable for all engines		High-performance cooling system protection for all modern vehicle types with crossflow cooling systems
Description:	Article:	Description:	Article:
WURTH RADIATOR FLUSH 1L	5861510001	WURTH RADIATOR SEALANT 150ML	5861500150
CO2 leakage tester set			
	Enables the CO2 content to be measured for early detection of leaks between the combustion chamber and cooling system in vehicles.		
Description:	Article:		
CO2 LEAK TESTER KIT	5964964101	l i i i i i i i i i i i i i i i i i i i	



#### Surface protection, coatings

density standard cover film.       metallic surfaces         Description:       Article:         Description:       Collection         Description:		Light, bright and transparent micropore		Brushable, active corrosion protection fo
Name of the USE of the USE State o	0	density standard cover film.	HOTITTOP-GRUNDHENNIO	
Soft wax     Wood Filler 4in1       For filling smaller damaged areas that are not later exposed to major loads.     To fill and repair wood surface damaged provement of the exposed to major loads.       Rescription:     Article:       Private thirty:     Operation:				
For filling smaller damaged areas that are not later exposed to major loads.       To fill and repair wood surface damaged areas that are not later exposed to major loads.         EXECUTION       Article:         Winter Mark Mark       Secondaria         Winter Mark Mark       Second	ASKING FILM LIGHT 4MX150M	0818106151	RUST STOP PRIMER 750ML	0890191
Inter exposed to major loads.       Image: Constraint of the exposed to major loads.         escription:       Article:         environment of the exposed to major loads.       Perception:         environment of the exposed to major loads.	oft wax		Wood Filler 4in1	
Section:       Article:         Inva rsn rue wite:       096040320         Priva rsn rue wite:       096040321		For filling smaller damaged areas that are		To fill and repair wood surface damage
STMAX FISH PUE WURTE089040321WURTH WOOD FILEE 1GG WHTE089030350STMAX FISH COLOURESS/UCHT089040324WURTH WOOD FILEE 250G WHTE089030351STMAX FISH NAEL/SH089040326WURTH WOOD FILEE 250G WHTE089030352STMAX FISH NAEL0890403205WURTH WOOD FILEE 1KG WHTE089040327STMAX FISH SECH (MEDIUM)0890403207STMAX FISH SECH (MEDIUM)0890403207STMAX FISH ADES0890403207STMAX FISH ADESSTMAX FISH ADESSTMAX FISH ADES0890403207STMAX FISH ADESSTMAX FISH ADESSTMAX FISH ADES0890403207STMAX FISH ADESSTMAX FISH ADESSTMAX FISH ADES089040320STMAX FISH ADESSTMAX FISH ADESSTMAX FISH ADES089040321STMAX FISH ADESSTMAX FISH ADESSTMAX FISH FAR (IUCHT)089040321STMAX FISH ADESSTMAX FISH ADESSTMAX FISH ADES089040321STMAX FISH ADESS		not later exposed to major loads.	Wood Filler 4 in 1	
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DFTWAX STICK TRAFFIC WHITE         089040322           DFTWAX STICK CREME WHITE         089040323           DFTWAX STICK CREME WHITE         0890403225           DFTWAX STICK LIGHT GREY         0890403225           DFTWAX STICK LIGHT GREY         0890403226           DFTWAX STICK WINDDW GREY         089040328           DFTWAX STICK BLUE GREY         089040328           DFTWAX PEN WALLINUT (DARK)         089040324				
DFTWAX STICK GREY WHITE         0890403224           DFTWAX STICK FPARL WHITE         0890403226           DFTWAX STICK LIGHT GREY         0890403226           DFTWAX STICK AGATE GREY         0890403227           DFTWAX STICK MUNDOW GREY         0890403227           DFTWAX STICK BLUE GREY         0890403228           DFTWAX STICK BLUE GREY         0890403228           DFTWAX STICK BLUE GREY         0890403234           DFTWAX STICK BLUE GREY         0890403234           DFTWAX STICK BLECH         0890403234				
DFTWAX STICK PEARL WHITE         0890403225           DFTWAX STICK LIGHT GREY         0890403226           DFTWAX STICK KOATE GREY         0890403227           DFTWAX STICK WINDOW GREY         0890403227           DFTWAX STICK BLUE GREY         0890403226           DFTWAX STICK BLUE GREY         0890403228           DFTWAX STICK BLUE GREY         0890403234           DFTWAX STICK BLECH         0890403234           DFTWAX FEN WALLNUT (DARK)         089040329				
DFTWAX STICK LIGHT GREY         0890403226           DFTWAX STICK AGATE GREY         0890403227           DFTWAX STICK WINDOW GREY         0890403228           DFTWAX STICK BULG GREY         0890403229           DFTWAX STICK BLECH         0890403234           DFTWAX FEN WALLNUT (DARK)         0890403239				
DFTWAX STICK AGATE GREY         0800403227           DFTWAX STICK WINDOW GREY         0800403228           DFTWAX STICK BLUE GREY         0800403229           DFTWAX STICK BLUE GREY         080040324           DFTWAX PEN WALLNUT (DARK)         0800403234				
DFTWAX STICK WINDOW GREY         0890403228           DFTWAX STICK BLUE GREY         0890403224           DFTWAK EN BEECH         0890403234           DFTWAX PEN WALLNUT (DARK)         0890403239				
OFTWAX PEN BEECH         0890403234           OFTWAX PEN WALLINUT (DARK)         0890403239				
DFTWAX PEN WALLINUT (DARK) 0890403239				

#### Probe set for UBS cup gun



Description: UBS GUN SPRAY LANCES Article: 0891110001

Probe set for UBS cup gun



Variable spraying nozzle for restoring original structures of sill panels, wheel wells, floor groups etc.

Description: UNDERBODY SEALER GUN Article: 08911060



Spraymaster spray can attachr	nent	Underbody seal cup gun	
Je the second se	The practical attachment for your spray cans		For applying solvent- and water-based stone chip protection, undercoating and cavity sealing products
Description: SPRAYMASTER SPRAY CAN ATTACHMENT	Article: 0891090	Description: UBS UNDERSEAL CUP GUN	Article: 0891110500
Undercoating spray gun		Cavity wax PLUS	
	For applying stone chip and underseal products containing solvents.	WWURTH ORILAUM COUTZ BARE AUTT BARE REGE WARTEN	For repairs and long-lasting preservation
Description:	Article:	Description:	Article:
SPRAY PISTOL FOR SKS STONE CHIP	08911063	BODY PROTECT WAX BEIGE 1000ML	0892082100
Filler VAKU 20		Gravel throw and underbody	protection
	Fine filler with high elasticity for sealing pores and for repairing small scratches, grooves and uneven surfaces	WURTH Rescale of Rescale of Resca	Rubber-based coating compound containing solvents, can be painted over
Description: VAKU FINE & FLOATED BODY FILLER 2KG	Article: 089260202	Description: KAUTSCHUK UNDERBODY SEAL 1000ML UNDERBODY SPRAY SEALER 500ML	Article: 0892075200 0892075250
Stone chip protection AQUA		Spray Paint Pro	
Stone chip protection AQUA	Climate-optimized, paintable, water-based stone chip protection.	Spray Paint Pro	Silicone resin, quick drying, continuous heat resistance of 300 ℃
Description: sks body protection black lutre sks body protection grey lutre	Article: 0892070100 0892070200	Description: PNTSPR-HIGHTEMPRAL9005JETBLACK-400ML	Article: 0892110002



Spray paint		Spray Paint	
HEAT PAINT	Acrylic base, quick drying, easy apply	Storerth Proto Paint	Acrylic base, quick drying, easy apply
Description:	Article:	Description:	Article:
ITSPR-GLOSS-RAL3020-TRAFFICRED-400ML	0892109001	PNTSPR-MATT-RAL3020-TRAFFICRED-400ML	0892107001
ITSPR-GLOSS-RAL5015-SKYBLUE-400ML	0892109002	PNTSPR-MATT-RAL5015-SKYBLUE-400ML	0892107002
TSPR-GLOSS-RAL5017-TRAFFICBLUE-400ML	0892109003	PNTSPR-MATT-RAL5017-TRAFFICBLUE-400ML	0892107003
TSPR-GLOSS-RAL6018-YELLOWGREEN-400ML	0892109004	PNTSPR-MATT-RAL6018-YELLOWGREEN-400ML	0892107004
TSPR-GLOSS-RAL6024-TRAFFICGREEN-400ML	0892109005	PNTSPR-MATT-RAL6024-TRAFFICGREEN-400ML	0892107005
TSPR-GLOSS-RAL7035-LIGHTGREY-400ML	0892109007	PNTSPR-MATT-RAL7035-LIGHTGREY-400ML	0892107007 0892107008
TSPR-GLOSS-RAL7004-SIGNALGREY-400ML TSPR-GLOSS-RAL7011-IRONGREY-400ML	0892109008 0892109009	PNTSPR-MATT-RAL7004-SIGNALGREY-400ML PNTSPR-MATT-RAL7011-IRONGREY-400ML	0892107009
TSPR-GLOSS-RAL9006-WHITEALU-400ML	0892109010	PNTSPR-MATT-RAL9005-JETBLACK-400ML	0892107012
ITSPR-GLOSS-RAL1036-PEARLGOLD-400ML	0892109011	PNTSPR-MATT-RAL8002-SIGNALBROWN-400ML	0892107013
NTSPR-GLOSS-RAL9005-JETBLACK-400ML	0892109012	PNTSPR-MATT-RAL1023-TRAFFICYELLOW-400ML	0892107015
NTSPR-GLOSS-RAL8002-SIGNALBROWN-400ML NTSPR-GLOSS-RAL1023-TRAFFICYELLOW-400ML	0892109013 0892109015	PNTSPR-MATT-RAL9003-SIGNALWHITE-400ML	0892107017
ITSPR-GLOSS-RAL9003-SIGNALWHITE-400ML	0892109017		
USPR-SATIN-RAI9003-SIGNALWHITE-400ML	Acrylic base, quick drying, easy apply           Acrylic base, quick drying, easy apply           Article:           0892108001           0892108002	Description:           CLEAR VARINISH GLOSS 400ML	The varnish dries in an extremely short ti Article: 0893188 08931881
Corrosion protection spray		Gloss seal	
Star WURTH Roreoscott- Rowing Start Conneoscott Politication Politication	Creep capacity, colourless special fluid	WURTH RAZZYBS STEELUNG ROS RAZ	Provides lasting, reliable protection with extremely simple application



Heat-resistant paint spray		Line marker	
LICESPAT MEZAL PREAL PREAL	Paint spray for temperature-stressed parts on cars, in households and in industry.		For manual line marking or using a line- marking trolley. For indoor and outdoor use
Description:	Article:	Description:	Article:
AINT SPRAY HEATPROOF JETBLACK400ML	0893359005	MARKING BLUE SPRAY 400ML	0893199141
.iquid Metal Fe 1		Stainless steel spray Perfect	
information Pro- Licena and Pro- poster Annual Pro-	Fast-acting repair system, ideal for installers and workshops in the metal processing sector.	WURTH Missanswer Parver Parver	Outstanding long-term protection and optimum metal surface appearance
Description:	Article:	Description:	Article:
IQUID METAL FE1 500G	0893449	STAINLES STEEL SPRAY PERFECT 400ML	0893114116
Perfect zinc spray		Perfect aluminium spray, matt	
WURTH RECREAT RECREAT RECREAT RECREAT RECREAT	Outstanding long-term protection and optimum metal surface appearance		Outstanding long-term protection and optimum metal surface appearance
Description: IODY ZINC SPRAY 400ML IGHT PERFECT ZINC SPRAY 400ML	Article: 0893114113 0893114114	Description: ALUMINIUM SPRAY PERFECT MATT 400ML	Article: 0893114115
Perfect brass spray		Perfect copper spray	
WURTH Assect Part Part	Outstanding long-term protection and optimum metal surface appearance	WURTH WFRESPART Rafect Rafect	Outstanding long-term protection and optimum metal surface appearance
Description:	Article:	Description:	Article:
RASS SPRAY MATT PERFECT 400ML	0893114117	COPPER SPRAY MATT PERFECT 400ML	0893114118



Paint spray, high gloss		Paint spray, matt	
MURTH Magaar Hage gast	Durable nitro-alkydal quality at a high technical level.	WURTH Licespear Licespear Licespear	Durable nitro-alkydal quality at a high technical level
Description: NAINT SPRAY JETBLACK HIGH GLOSS 400	Article: 0893369005	Description: PAINT SPRAY MATT BLACK R9005 400ML	Article: 0893329005
Paint spray, silk gloss		Rust stop primer	
LACKSPARY HINNELAKE LACKSPARY HINNELAKE LACKSPARY HINNELAKE SCHWARE SCHWARE	Durable nitro-alkydal quality at a high technical level.	MURTH References Research Rese	Active corrosion protection and primer for metal surfaces
Description: AQUER SPRAY SATIN BLACK 400ML	Article: 0893349110	Description: ROSTSTOP UNDERCOAT PRIMER 400ML	Article: 08932102
Protective wax		Rust converter	
	Highly transparent wax anti-corrosive agent that displaces water	WURTH Bawaaduu Bat Converter Ta	Environmentally friendly dispersion-based rust converter
Description: WAX SPRAY TRANSPARENT 400ML	Article: 0893082400	Description: RUST CONVERTER 1000ML	Article: 0893110
Zinc spray		Filter screen	
WURTH XIIIISPEAY REL Zilii Speay Uorr	Long-term protection and repair of metallic surfaces	WURTH	With colour-coded system for simple visual identification of mesh size.
		· ·	



#### Surface protection, coatings

#### Soft wax assortment, brown Grey soft wax, assortment For filling smaller damaged areas that are For filling smaller damaged areas that are not subsequently exposed to considerable not later exposed to major loads in classic stress, in white and grey. brown colours Article: Article: **Description:** Description: SOFTWAX GREY 0964890420 20 PCS SOFT WAX BROWN 09648904 Retouching putty epoxi-stick aluminium Retouching putty epoxi-stick metal Retouching putty epoxi-stick aluminium Retouching putty epoxi-stick metal ir Stick for Article: Article: **Description:** Description: EPOXY REPAIR STICK ALUMINIUM 110G 9500500449 EPOXY REPAIR STICK METAL 110G 950050044 Retouching putty epoxi-stick plastic Retouching putty epoxi-stick plastic ir Stick for Met

Description: EPOXY REPAIR STICK PLASTIC 110G Article: 9500500448





Easy-To-Use, Mobile Companion For Air-

Conditioning Servicing On R134A Units

#### Air conditioning service units

#### Cover hood f air-conditioning service unit A10/Y10



Protects The Air-Conditioning Service Unit From Dust And Dirt

**Description:** Covhood-(F.A/C-Serie 10-Cooliuslogo) Article: W067100002

#### Air-conditioning service unit vehicle COOLIUS A50



Powerful And Robust Air Conditioning Service Unit For Fully Automatic Air Conditioning Servicing With Refrigerant R134A

**Description:** Ac Service Unit Cooliusa 50 Article: W050105000



Description: Ac Service Unit Cooliusa 10 Sortmult Article: W050101000

#### Air-conditioning service unit vehicle COOLIUS Y10



Fully Automatic Air Conditioning Service On R1234Yf Systems

Description: Ac Service Unit Cooliusy 10 Sort Article: W050111000



## Belts, straps, strings, anchors

Ratchet strap double hook stand	ard ratchet GS	Ratchet strap two-piece S-hook	
	Gs-Certified Security, Double J-Hook		For Small To Medium Loads
Description: trp:Rth-Pointhook-4T-W50mm-L10M	Article: 071391 19	Description: Strp.Rtch-2Pcs.SHok8asic-25mm-6M	Article: 5713922537

#### Car/comm. vehicle workshop equipment

#### Oil catch pan for car

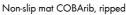


Practical Oil And Liquid Catch Pan With Sealable Drain And Carry Handles Made From Impact-Resistant And Temperature-Resistant Hdpe Plastic

**Description:** Oil Collection Pan 16 Ltr Article: 0891400016

#### Horizontal engine stand RS







**Description:** Coba Rib 3mmx900mmx2.5M Black

Article: 0957590290



**Description:** Lifting Jack 150mm-0,68T

Hydraulic vehicle positioning jack

Article: 071598 052





#### **Diagnostic**

#### W-EASY Box 2.0

Description:

Diagnostics interface W-EASY Box 2.0



The W.EASY Box 2.0 provides reliable diagnostics on motor vehicles, semitrailers/trailers, vans and buses.

Article:

WW02000015

#### Diagnostics interface Snooper plus



Snooper+ wireless diagnostics interface with Bluetooth technology. The integrated LED status indicator and the mounting bracket ensure ergonomic working. The flight recorder enables mobile data recording without the need for a passenger.

Description: Snooper Plus Interface Snooper Plus Vehicle Article: w072700100 w072700200



### Pneumatic technology

Small mist lubricator		Nipple, male thread, pneumatic	
	For Direct Connection To Non-Stationary Devices With Optimum Metering.		Brass
Description: 1/4" Small Oil Mister/Lubricator	Article: 0699070314	Description: NplPnBrsEtg1/4ln	Article: 06992114
Plug-in nipple, female thread, eu	Iropean type	Plug-in nipple, male thread, euro	pean type
	Female thread Plug-in nipple 2000C Series		Male thread Plug-in nipple 2000C Series
0		6	
Description:	Article: 0699024012	Description:	Article:
1/2" Female Thread Nipple 1/4" Female Thread Nipple 3/8" Female Thread Nipple	0699024012 0699024014 0699024038	1/2" Male Thread Nipple 1/4" Male Thread Nipple 3/8" Male Thread Nipple	0699021012 0699021014 0699021038
Plug-in nipple, plug-in connectio		PU pneumatic hose standard	
	Plug-in nipple with hose connection 2000C Series	r o presmane nose signadra	Very Durable And Highly Resistant Pu Pneumatic Hose In Straight Design
0			
Description: 1/2" Hose Tail Nipple 1/4" Hose Tail Nipple 3/8" Hose Tail Nipple	Article: 0699027012 0699027014 0699027038	Description: 3/8" Air Hose Pu25M 1/2" Air Hose Pu 25M Pneumatic Hose Idó,5mm-Od10mm-L10M	Article: 0699900160 0699900180 0699900650
CA conditioning unit size 1, loc	kable	CA conditioning unit size 2, lock	able
	Ca Conditioning Unit For Supplying The Pneumatic Devices With Clean, Regulated, Lubricated Air. This Is To Improve The Performance And Increase The Service Life Of The Tools		Ca Conditioning Unit For Supplying The Pneumatic Devices With Clean, Regulated, Lubricated Air. This Is To Improve The Performance And Increase The Service Life Of The Tools
Description: Prepunt-Ca-2Part-Mod-Bs1-10Bar-1/4In	Article: 069900414	Description: Prepunt-Co-2Part-Mod-Bs2-16Bar-1/2In	Article: 069900412



### Pneumatic technology

Quick-action coupling ARO	210 female thread	Quick-action coupling, male th	iread, European type
	Quick-action coupling ARO 210 female thread	0	Male thread quick-action coupling 2000C SERIES
Description: Aro 210 Quick Coupler	Article: 0699150140	Description: 1/2" Male Thread Coupler 1/4" Male Thread Coupler 3/8" Male Thread Coupler	Article: 0699020412 0699020414 0699020438
Quick-action coupling, plug-i	n connection, EU type	Quick-action coupling, pneum	atic
~~~	Quick-action coupling with hose connection 2000C SERIES		Nominal Width Of 7.2 = 40 Mm With Hose Connection
0			
Description: 1/2" Hose Tail Coupler 1/4" Hose Tail Coupler 3/8" Hose Tail Coupler	Article: 0699029012 0699029014 0699029038	Description: CuplQckaction:Pn:Brs-7.2X9mm	Article: <sup>0699129</sup>
Quick-action coupling,female	ə thread, European type	Pneumatic safety hose reel DS	A-S
6	Female thread quick-action coupling 2000C Series		Practical Safety Hose Winder With High- Quality Polyurethane Hose For Order And Safety In The Workplace
Description: 1/2" Female Thread Coupler 1/4" Female Thread Coupler 3/8" Female Thread Coupler	Article: 0699021412 0699021414 0699021438	Description: Pneumatic Hose Reel 17M	Article: 069909517
Pneumatic threaded nozzle A	ARO 2608 male thread	Pneumatic threaded nozzle, br	rass
	Pneumatic threaded nozzle ARO 2608 male thread		Brass
Description: 1/4" Aro 2608 Male Thread Nipple	Article: 0699150361	Description: 1/4" X 1/4" Male Brass Tail Piece Noz:ThrPn:Brs-Ws17:g1/41n-9mm	Article: 06994614 06994914



#### Storage systems

Pliers holder-Protection from	retaining clips	Round holder, including	retaining clips
	For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System		For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System
Pescription: ars Holder	Article: 0960050182	Description: Round Holder 80mm	Article: 0960050146
crewdriver holder		Double-hook-angled hoo	ok end
	Suitable For Square Holes In Perforated Plates, Toolsystem Workshop Trolley And Orsy1 Shelving System.		For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System
Pescription:	Article:	Description:	Article:
all Mounted Screwdriver Rack	0714938218	Double Hook 75mm Long	0960050121
lolding pen		Hook-Angled hook end	
8	For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System	e de la	For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System
Description: taining Hook 25mm Long	Article: 0960050100	Description: Retaining Hook 50mm Long Hook 75mm Long	Article: 0960050110 0960050111
DRSY BULL mounting rail		ORSY BULL Basic Set fo	r drawer separation
	For Secure Fixing Of Orsy®Bull Series 5/7 Boxes To The Floor		For Dividing The Inside Of Orsy®Bull Drawer Boxes
Description: rsy Bull Series 5 Mounting Rail	Article: 0962330730	Description: Orsy Bull Partitioning 62mm +2Div Orsy Bull Partitioning 125mm +2Div	Article: 0962330510 0962330520



#### Storage systems

ORSY BULL drawer partition re	ail	Storage bin for small parts till	table
	Further Partitioning Of The Drawer Box In Conjunction With The Basic Set.		Storage bin for small parts tiltable
Description: Orsy Bull Divider 62mm (Pack Of 4) Orsy Bull Divider 125mm (Pack Of 4)	Article: 0962330511 0962330521	Description: Clear Storage Bin No5	Article: 9500500525
Storage box		ORSY BULL - Box loader serie	es 5
	For Storing Small Parts, Consumables And Bulk Materials In A Way That Makes Them Easy To Locate. Ideal For Workshops, Trade Businesses And Industry.		A Robust, Flexible And Extremely Mobile All- Rounder. Ideal For Bulky Items.
Description: Storage System Plastic 1 Storage System Plastic 2 Storage System Plastic 3 Storage System Plastic 4 Storage System Plastic 5	Article: 0962211011 0962211021 0962211031 0962211041 0962211051	Description: Orsy Bull Series 5 Top Loader Orsy Bull Series 5 Top Loader Wtrprf	Article: 0962330002 0962330012
ORSY BULL - Drawer box serie	es 5	ORSY BULL Combination box	c top loader series 5
	Ideal Solution For Tools And Small Parts. Can Be Divided By Partition Elements And System Inserts. Drawers Are Available With Central Locking And Individual Latch.		Transportation And Tool Box For Greater Orderliness And Clarity, Combining Top Loader And Drawers
Description: Orsy Bull Series 5 5 Drawer Orsy Bull Series 5 3 Drawer	Article: 0962330042 0962330043	Description: Orsy Bull Series 5 Combination	Article: 0962330062



### Storage systems

#### Tool clip



For Square Holes In Perforated Plates, Workshop Trolleys And Orsy®1 Shelving System

#### **ORSY BULL Cart series 5**





Description: Orsy Bull Series 5 Trolley Article: 0962330622

#### Wall mounting bar

Description:

Tool Clamp 13mm Tool Clamp 19mm

. Tool Clamp 25mm

Tool Clamp 28mm

For Individual Wall Mounting Of Easy-View Storage Bins



Description: Wall Rail For Storage Box 2 Wall Rail For Storage Box 3 Wall Rail For Storage Box 4 Article: 096060 096070 096080

Article:

0960050130

0960050131

0960050132

0960050133

Tool Bag gate Mouth With Plastic Btm

0715930223



# Tool boxes/cases/bags

#### Carpenters' bag Tool backpack with watertight base shell Belt Bag With Two Large Storage High-Quality Rucksack With Several Pockets Compartments For Carrying Tools And Materials Directly On Your Person. Article: Article: **Description:** Description: Tool Bag 200X140X290m 0715930211 Wurth Tool Bag (Back Pack) 071593 750 Lunch bag Professional tool box Spacious Lunch Bag With Coated Insulating Particularly Robust, Torsion-Resistant Tool Material. Box, Can Be Folded Open, Has Sturdy **Riveted Hinges** Article: Article: **Description: Description:** Lunch Bag 0715930242 en Tool Bag 440X370X280n 0715930222 Tool bag, open, with plastic base Tool case with trolley function Robust Open Bag With Waterproof Bottom Very Robust And Versatile Tool Case With Shell Made Of Plastic Telescopic Handle For Pushing Article: Article: **Description: Description:**

Tool Case Red 530X200X200

071593 24



# Tool boxes/cases/bags

#### Plastic carry box



Lightweight Tool Box With Two Separate Storage Compartments And Aluminium Handle



**Description:** 

Article:

0962219200

Plastic Carry Box

Tool box PP

**Description:** Tool Case 710X300X330mm Article: 0962219005

#### Tool box PP with removable compartments



With Removable Compartments And A Removable Insert

**Description:** Tool Case 660X260X248mm

Article: 0962219004



# Tool holders/loops/pockets

Magnetic dish		Tool holders	
	For Simply And Safely Storing Magnetic Small Parts, Even Lying On Their Side.		Keeps The Most Important Tools For Tyre Service To Hand
Description:	Article:	Description:	Article:
Magnetic Bowl	0714937124	Magnetic Holder For 00703 736 0	0714937130



# Working lighting, batteries, chargers

Alkaline battery High Po	wer	Precharged NiMH battery	/
ALAGUNE AL BUNER	Battery Power For Energy-Intensive Applications		The Advantages Of Nimh Batteries Combined With The Benefits Of Primary Batteries
Description: Battery Micro Aaa Battery Mignon Aa Battery Mono C Battery Mono D Battery 9V 6 Block	Article: 0827111 0827112 0827113 0827114 0827115	Description: Rechargable Battery Aaa Rechargable Battery Aa	Article: 0827311 0827312
Battery charger Pro4		Veh. batt. charger 12/24	V 15A lithium/lead, basic
	Includes Pre-Charged Nimh Batteries (4 X Aaa And 4 X Aa)		Fully Automatic Battery Charger For Charging 12-24V Lead Batteries And 12.8V Lithium Batteries
Description: Battery Charger Pro4	Article: 0827405	Description: Chrg-Brry-Veh-12/24V-15/7,5A-25-400Ah	Article: 0510955915
Vehicle battery charger	12/24 V 8 A lithium/lead	Cordless LED hand-held lo	amp Ergo Mini
	Fully Automatic Battery Charger For Charging 12–24V Lead Batteries And 12.8V Lithium Batteries		Basic Led Rechargeable Handlamp For Workshop Inspection
Description: Chrg.Btry-Veh-12/24V-8/4A-(10-240Ah)	Article: 0510955908	Description: Lamp-Cordl-Hand-Mini-Led4+1-1p20	Article: 0827940370
Cordless LED hand-held	lamp Ergopower BOOST	Cordless LED hand-held la	Imp Ergopower COB
	Powerful Led Hand Lamp With Additional Boost Mode		Hand Lamp With Cob Led
		Description:	Article:
Description:	Article:	Description:	Allicie.



# Working lighting, batteries, chargers

Cordless LED hand-held lo	amp WL1 LED 3+1W	Cordless LED hand-held la	mp WL7
	Shadowless Working Led Hand Lamp For Narrow Space		Sleek And Lightweight Penlight With Magnet And Clip With Aluminum And Plastic Housing Design
Description: Rechargeable Hand Lamp Led Saber	Article: 0827940383	Description: Rechargeable Penlight 6+1 Led	Article: 0827500028
Cordless LED head lamp	Ergopower PETITE	Cordless LED head lamp E	rgopower Sensor
TH	Compact Headlamp With Sensor Function	WüRTH	Strong Light Beam Headlamp Enables Hands Free Professional Operation Of Tools And Machines Thanks To Sensor Switch And High Capacity Battery
Description: Led Headlamp Ergopower Sensor Petite	Article: 0827809634	Description: R/Able Led Headlamp Ergopower Sensor Hdlamp-CordHed-(UsbC)-280Lm-5V-3W	Article: 0827809635 0827809638
Cordl. LED engine compa	ırtment handheld lamp, WL08	Cordless LED work lamp E	rgopower Mini 10 W
	Extra Wide, Compact And Extendable, Powerful Led Under Bonnet Light With An Aluminium Shell.	WURTH	Small But Powerful Rechargeable Led Work Light, Can Stand High Exposure To Dust And Water With Ip67 Protection Level
Description: Led Bonnet Lamp Battery Under Hood	Article: 0827940754	Description: 10Watt Led Work Light	Article: 0981504128
LED hand-held lamp WLH	16	Fluorescent bulbs for reuse	ible hand-held lamp
	Soft, Pleasant And Low-Shadow Light For Effortless Work		Fluorescent tubes for hand-held lamp 8 W
		- Diezere	0
Description: Electr. Handlamp 8W/230V 5M Cable	Article: 0981736	Description: Flourescent Tube For 00981 700	Article: 09817001



For Use When Searching For Leaks

Highlighted By Uv Leak Detection Fluid In Vehicle Air-Conditioning Systems.

# Working lighting, batteries, chargers

#### LED neck light



**Description:** Necklght-Led-200Lm-2Xa Article: 0827500073

#### LED pocket torch WTX2 and LED head lamp set RW



Wtx2: Two Light Functions - Power (100Lumens) And Low Power (40Lumens). Also Suitable For Nimh Batteriesreflector Lens Technology For Optimum Light Efficiencyhard Gold-Plated Contacts Provide Optimal Protection Against Corrosionnon-Focusable - Combination Of Flood And Spot Lighthigh Degree Of Protection (Ip67)Integrated Roll Protectionnon-Slip Surf

**Description:** Trch-Set-Wtx2-(W.Hdlamp-Sla) Article: 0827806999

#### LED work lamp 47 Watt BASIC



Sturdy, Simple Led Work Lamp, With Highly Efficient Lighting Technology Indoors. Extremely Lightweight And Thus Suited For Use On Construction Sites And On The Move

**Description:** Led Work Lamp 47W Basic Article: 0981124200

#### LED pocket torch UV



**Description:** Led Uv Torch

Article: 0827807201

Article:

082780630

#### Battery-powered LED pocket torch 3in1



Cordless Led Torch With Three Different Attachments For A Wide Range Of Work Areas.

**Description:** Trch-Btry-Led-(3In1)-Chrgr-5V-1A-Ust

Description:

### Rail for tripod working lamp



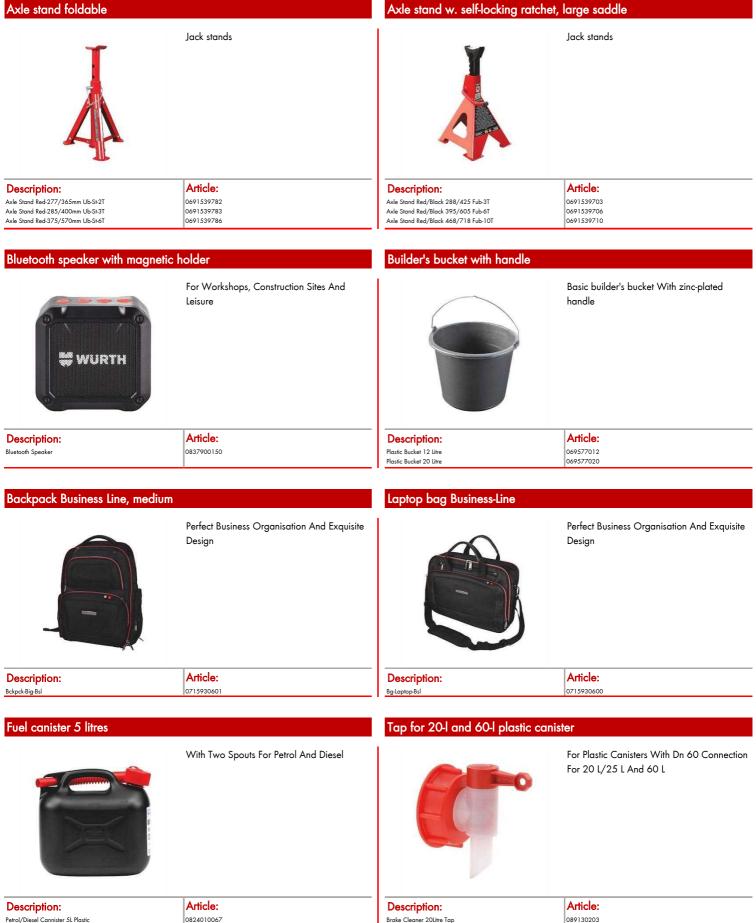
Rail For Work Lamp Tripod Site Lamp Rail For Work Lamp Tripod Powerquad

For Fitting Up To Two Work Lamps

Article: 09811505 0981180591



# Workplace equipment





# Workplace equipment

Disposable cleaning cloth D		Universal cleaning cloth	
WURTH DISTRIPTION	Effective Cleansing Tissue To Remove Dirt From Tools And Surfaces	WURTH	For Thorough And Fast Cleaning Of Most Surfaces Without The Need For Water, Soap Or A Brush. Nsf-Certified.
escription: et Max Cleaning & Sanilizing Wipes	Article: 0893900030	Description: Universal Industry Cloth (Wipes)	Article: 089090090
lalf glove clay-series		Cleaning paper ECOLINE ro	olls
	Efficient Deep Cleaning And Perfect Preparation Of Painted Surfaces For The Best Polishing Results		The All-Rounder For The Most Common Cleaning Tasks
escription:	Article: 0585300210	Description: 2 Ply Industrial Towel Blue	Article: 0899800773
arpaulin with eyes		Universal cover fleece	
	Tarpaulin For Reliable Coverage		Cover Fleece With Laminated, Slip-Resista Polyethylene Film And Two Adhesive Strip On The Back
<b>escription:</b> paulin With Eyelets 6Mx8M paulin With Eyelids 4000X6000mm	Article: 0818004090 0818004091	Description: Universal Cover Fleece 33X25M	Article: 0818050165
rawler board Ergo		Workshop crawler board w	ith padded liner
	Creeper Made From Break-Proof, Impact- Resistant Plastic With Anatomically Shaped Surface And Raised Foam Neck Support.		Extremely Robust And Easy-To-Handle Racing Rollers With Replaceable Tpu Steering Rollers
Description:	Article:	Description:	Article:



# Workplace equipment

Dust binder cloth impregnated 5-pe	ack	Anti-fatigue mat MK3 perforated	
	Dust binder cloth impregnated 5-pack		Anti-fatigue mat MK3 perforated
0		0	
Description:	Article:	Description:	Article:
-	9500500516	Mk3 Mat	0957590297

Anti-fatigue mat Orthomat Saftey		Anti-fatigue mat Rampmat perforated		
	Anti-fatigue mat Orthomat Saftey		Anti-fatigue mat Rampmat perforated	
Description: Orthomat Safety 9mmx600mmx900mm Blk	Article: 0957590298	Description: Rampmat 14mmx0.9Mx1.5M Black	Article: 0957590299	
Contamination control pad stic	k-on	Floor mat KWIKLOK big p	pack	
	Contamination control pad stick-on		Floor mat KWIKLOK big pack	
Description: First Step Tacky Mat	Article: 0957590294	Description:	Article: 0957590300	



## Workplace equipment

#### Mechanic's protective mat

**Description:** 

**Description:** 

Step Ladder

Kneesaver 25mmx530mmx360mm Black

Ladder step Basic



Protective Mat Made From Non-Absorbent Foam, To Protect Against Dirt And Prevent Health Hazards.



Floor stand with wheels for cleaning paper

#### Floor Stand For Cleaning Paper Rolls With Wheels And Waste Bag Holder

**Description:** Industrial Towel & Bag Stand

Measuring cup with pouring spout

Ideal For Transferring Oil, Coolant,

Article:

0899800606



Ladder Step In Accordance With Din En 14183

Article:

0957590301

Article:

0962862310



#### Pump spray bottle printed, unfilled



Refillable Empty Pump Spray Bottle For Easy Application Of Products From Canisters Or Drums

**Description:** 

Microfibre cloth universal

Polyester/Polyamide Weave

Premium Unmatched 80/20



Article: **Description:** Spray Pump For Brake Cleaner 1 Litre Spray Pump For Wood Slide 1 Litre 0891503002 0891503013

### Spray bottle with scale

Micro Fibre Cloth Blue 40X40Cm



Article:

0899900117





Wall or table mounted tissue roll holder

### Workplace equipment

#### Swivel stool with storage trays



**Description:** Swivstl-Wrkshp-W.Trays Article: 0957650350

#### Workshop chair with drawer



Provide A Sturdy And Reliable Work Bench That Can Be Moved Flexibly In The Workplace

### Paper roll holder, wall or table mounted



**Description:** Industrial Towel Wall Bracke Article: 9500500362

#### Workshop trolley CONTEMPORARY



**Description:** Workshop Stool With D Article: 071595

#### Workshop trolley CONTEMPORARY ECO 8.8



Solid Workshop Trolley With Practical Details For Mobile Use In The Workshop

Description:	Article:
Wrkshptrly-(Eco 8.8)-Red/grey-7Drwr	0962699239

Article: Description: 060260000 Wrkshptrly-300kg-Bl

Presenting the Perfect Package Conversion Tables -



# **Thread Pitches**

## **Self Tapping Screws**

Equivalent in mm
2.2
2.9
3.5
4.2
4.8
5.5
6.3

#### **Chipboard screws** Thread Dia Head Size mm 3 5mm 3.5 6mm 4 8mm 5 10mm 1/16 3/16 5/16 7/16

1/8

1/4

9/16

1/2

3/8

11/16

5/8

3/4

13/16

15/16

7/8

### **Tensile**

Bolt	Nut
5.6	5
8.8	8
10.9	10
12.9	12

# **Metric**

Diameter (mm)	Metric (mm)	Metric Fine	Japanese Fine	Spanner width
				(mm)
M3	0.50			5.5
M4	0.70			7
M5	0.80			8
M6	1.00			10
M7	1.00			11
M8	1.25	1.00	1.25	12/13
M10	1.50	1.00	1.25	14/17
M12	1.75	1.50	1.25	19
M14	2.00	1.50	1.25	22
M16	2.00	1.50	1.25	24
M18	2.50	1.50	1.25	27
M20	2.50	2.00	1.50	30

### **Bolt/Set Screw Bolt or Set Screw** Diameter **Thread Pitch**

**Characteristics of** 

**Spanner Width** 

Colour (Plating)

Length (mm, inches)

**Tensile Strength** 

# **Imperial**

Diameter inches	UNC	UNF	Equivalent (mm)	Spanner width
3/16	24	32	4.76	
1/4	20	28	6.35	7/16
5/16	18	24	7.94	1/2
3/8	15	24	9.53	9/16
7/16	14	20	11.11	5/8
1/2	13	20	12.7	3/4
9/16	12	18	14.29	13/16
6/8	11	18	15.875	15/16
3/4	10	16	19.05	1 1/8
7/8	9	14	22.225	

Presenting the Perfect Package

**SELF CUTTING INSERT-**



# INT/EXT. HOLE SIZES.

ART. NO.	INTERNAL DIAMETER	EXTERNAL DIAMETER	LENGTH	<b>DRILL SIZE</b>
	AND THREAD	AND THREAD	(mm)	(mm)
00660 302 030	M3x0.50	M5x0.50	6	4.6-4.8
00660 302 040	M4x0.70	M6.5x0.75	8	5.9-6.2
00660 302 050	M5x0.80	<b>M8</b> x1.00	10	7.2-7.6
00660 302 060	M6x1.00	M10x1.5	14	8.72-9.4
00660 302 061	M6x1.00	M9x1.00	12	8.2-8.6
00660 302 080	<b>M8</b> x1.25	M12x1.50	15	10.7-11.4
00660 302 100	M10x1.5	M14x1.50	18	12.7-13.4
00660 302 120	M12x1.75	M16x1.50	22	14.7-15.4
00660 302 140	M14x2.00	M18x1.50	24	16.7-17.4
00660 302 160	M16x2.00	M20x1.50	22	18.7-19.4
00660 302 200	M20x2.50	M26x1.50	27	24.7-25.4
01660 303 080	<b>M8</b> x1.25	M10x1.25	12	8.7-9.4
01660 303 100	M10x1.50	M12x1.50	15	10.7-11.4
01660 307 100	M10x1.25	M14x1.50	18	12.7-13.4
01660 307 120	M12x1.25	M16x1.50	22	14.7-15.4
01660 307 121	M12x1.50	M16x1.50	22	14.7-15.4
01660 307 140	M14x1.50	M18x1.50	24	16.7-17.4
01660 307 160	M16x1.50	M20x1.50	22	18.7-19.4
01660 071 12	1/2"-20UNF	M18x1.50	22	16.7-17.4
01660 071 14	1/4"-28UNF	M10x1.50	14	8.7-9.4
01660 071 38	3/8"-24UNF	M14x1.50	18	12.7-13.4
01660 071 516	5/16"-24UNF	M12x1.50	15	10.7-11.4
01660 071 58	5/8"-18UNF	M20x1.50	22	18.7-19.4
01660 071 716	7/16"-20UNF	M16x1.50	22	14.7-15.4
01660 072 12	1/2"-13UNC	M18x1.50	22	16.7-17.4
01660 072 14	1/4"-20UNC	M10x1.50	14	8.7-9.4
01660 072 38	3/8"-18UNC	M14x1.50	18	12.7-13.4
01660 072 516	5/16"-1 <b>8UN</b> C	M12x1.50	15	10.7-11.4
01660 072 716	7/16"-14UNC	M16x1.50	22	14.7-15.4

**TIGHTENING TORQUES** 



### Metric Fine Pitch Bolts & Screws. Property Class 8.8 & 10.9

	PC 8.8			PC 10.9	
Diameter	Pitch mm	Torque Nm	Bolt tension kN	Torque Nm	Bolt Tension kN
M8	1.00	24.0	14.8	34.0	21.1
M10	1.25	46.0	23.1	66.0	33.0
M12	1.25	83.0	34.7	119.0	49.7
M14	1.50	132.0	47.1	189.0	67.6

NOTE: It is essential to match the nut and bolt in a critical application

\* Grade 2 Bolt require - Any Nut acceptable

\* Grade 5 Bolt require - Grade 5 Nuts

\* Class 4.6 Bolts require - Any Nut acceptable

\* Class 6.6 Bolts require - Class 8 Nuts

\* Grade 8 Bolts require - Grade 8 Nuts

### **Conversion Factors**

Convert		Into		Multiply by
		Loads		Factor
Tonf	$\rightarrow$	lbf	x	2240
lbf	$\rightarrow$	Tonf	x	0.000446
tonnef	$\rightarrow$	kN	x	10
kN	$\rightarrow$	tonnef	x	0.1
lbf	$\rightarrow$	kN	x	0.00445
kN	$\rightarrow$	lbf	x	224.8
	Т	orgue Conversio	n	
lbft	$\rightarrow$	Nm	x	1.36
Nm	$\rightarrow$	lbft	x	0.74
	5	Stress Conversio	n	
Мра	$\rightarrow$	psi	x	145
psi	$\rightarrow$	Мра	x	0.006896
	L	ength Conversio	n	
mm	$\rightarrow$	in	x	0.0394
in	$\rightarrow$	mm	x	25.4

#### ABBREVIATIONS:

lbf = pounds - force psi = pounds per square inch kN = kiloNewton Mpa = Megapascals lbft = pounds - feet in = inches Nm = Newton - metre mm = millimetres

# Presenting the Perfect Package

# **DRILL & TAPPING SIZES**



ISO METRIC (coarse)			
Tap Size	Pitch	Tapping Drill mm	
M2	0.4	1.6	
M2.5	0.45	2.05	
M3	0.5	2.5	
M3.5	0.6	2.9	
M4	0.7	3.3	
M4.5	0.75	3.7	
M5	0.8	4.2	
M6	1.0	5.0	
M7	1.0	6.0	
M8	1.25	6.8	
M10	1.5	8.5	
M11	1.5	9.5	
M12	1.75	10.2	
M14	2.0	12.0	
M16	2.0	14.0	
M18	2.5	15.5	
M20	2.5	17.5	
M22	2.5	19.5	
M24	3.0	21.0	
M27	3.0	24.0	
M30	3.5	26.5	
M33	3.5	29.5	
M36	4.0	32.0	
M39	4.0	35.0	
M42	4.5	37.5	
M45	4.5	40.5	
M48	5.0	43.0	
M52	5.0	47.0	

UNC (coarse)			
Tap Size	Pitch	Tapping Drill mm	
3(.009)	48	2.0	
4(.112)	40	2.25	
5(.125)	40	2.6	
6(.138)	32	2.75	
8(.164)	32	3.4	
10(.190)	24	3.8	
12(.216)	24	4.4	
1⁄4	20	5.1	
5/16	18	6.6	
3⁄8	16	8.0	
7/16	14	9.4	
1/2	13	10.8	
9/16	12	12.2	
5/8	11	13.5	
3⁄4	10	16.5	
7/8	9	19.5	
1"	8	22.0	
1 1/8	7	25.0	
1-1⁄4	7	28.0	
1-1/2	6	34.0	

	UNF (fine)	
Tap Size	Pitch	Tapping Drill mm
3(.009)	56	2.1
4(.112)	48	2.35
5(.125)	44	2.65
6(.138)	40	2.9
8(.164)	36	3.5
10(.190)	32	4.1
12(.216)	28	4.6
3/16*	32	4.0
1/4	24	5.5
5/16	24	6.9
3/8	20	8.5
7/16	20	9.8
1/2	18	11.5
9/16	18	12.8
5/8	16	14.5
3/4	14	17.5
7/8	12	20.5
1"	14	23.5
1"*	14	24.0
1-%	12	26.5
1-1⁄4	12	29.5
1-1⁄2	12	36.0

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	METRIC (fine)		
oping II mm	Tap Size	Pitch	Tapping Drill mm
	M8	1.0	7.0
8	M10	1.25	8.8
8 5	M12	1.25	10.8
5	M12	1.5	10.5
	M14	1.5	12.5
	M16*	1.5	14.5
	M18	1.5	16.5
	M20*	1.5	18.5
	M22	1.5	20.5
	M24	2.0	22.0

\* Metric Conduit

SPARK PLUG			
Tap Size	Tap Pitch Tapping Size Drill mm		
M10	1.0	9.0	
M12	1.25	10.8	
M14	1.25	12.8	
M18	1.5	16.5	

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