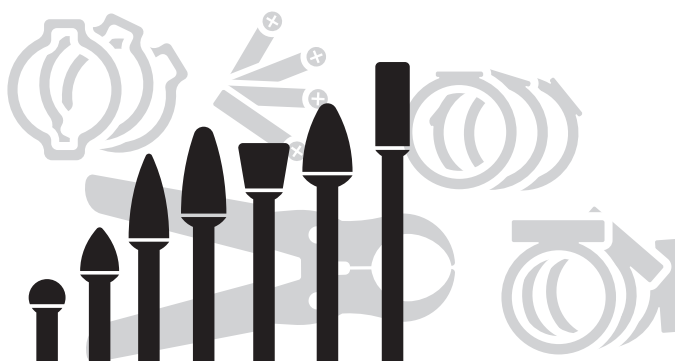
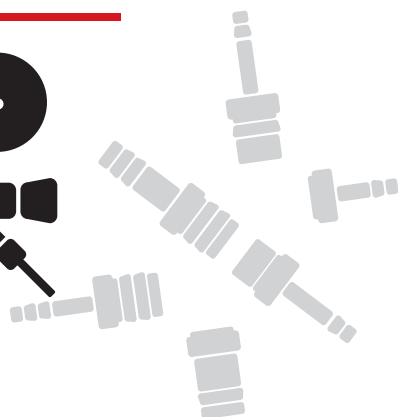
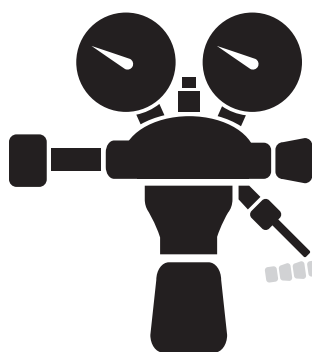


ACCESSORIES





ACCESSORIES

01

02

MIG



TIG

03

04

PLASMA



DEVICES

05

06

PNEUMATICS



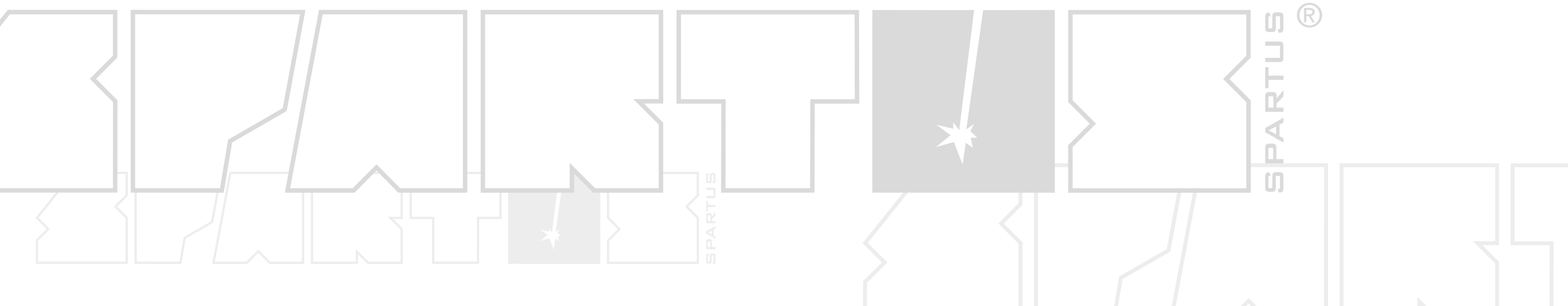
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SYMBOLS

 – package



► THERMOSES AND ELECTRODE DRYERS



Thermos 350

PRODUCT CODE	SP146-00-350
Max length of electrode [mm]	350
Max temperature [°C]	121
Capacity [kg]	4.5

Thermos 450

PRODUCT CODE	SP146-00-450
Max length of electrode [mm]	450
Max temperature [°C]	121
Capacity [kg]	6.8



Dryer WRD-5

PRODUCT CODE	SP146-02-001
Input [V]	230 AC or 60 – 110 DC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 200
Power [W]	500
Capacity [kg]	5
Dimensions [mm]	Ø200 x 640
Weight [kg]	3

Dryer WRD-10

PRODUCT CODE	SP146-02-002
Input [V]	230 AC or 60 – 110 DC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 200
Power [W]	600
Capacity [kg]	10
Dimensions [mm]	Ø233 x 650
Weight [kg]	5.1





Dryer WRD-7

PRODUCT CODE	SP146-01-001
Input [V]	230 AC lub 60 – 110 DC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 150
Power [W]	300
Capacity [kg]	7
Dimensions [mm]	210 x 150 x 550
Weight [kg]	6.3

Dryer WRD-9

PRODUCT CODE	SP146-01-002
Input [V]	230 AC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 300
Power [W]	800
Capacity [kg]	8.6
Dimensions [mm]	300 x 240 x 600
Weight [kg]	13



Dryer WRD-18

PRODUCT CODE	SP146-01-003
Input [V]	230 AC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 300
Power [W]	800
Capacity [kg]	18
Dimensions [mm]	330 x 270 x 590
Weight [kg]	16



Dryer WRD-28

PRODUCT CODE	SP146-01-004
Input [V]	230 AC
Max length of electrode [mm]	450
Temperature range [°C]	50 – 300
Power [W]	1 000
Capacity [kg]	28
Dimensions [mm]	360 x 360 x 600
Weight [kg]	29

► GRINDER FOR TUNGSTEN ELECTRODES SPARTUS® D90

Stationary grinder for tungsten electrodes SPARTUS® D90. The grinder enables sharpening of electrodes with diameters of 1.6 to 4.8 mm at an angle from 20° to 60°. Provides adequate efficiency and repeatability in the preparation of electrodes for TIG welding.

PRODUCT CODE	SP147-00-001
Input [V]	~1 x 230 ±10% 50/60Hz
Electric motor power [W]	60
Grinding angle [°]	20 – 60
Rotational speed [r/min]	5 000
Electrode diameter [mm]	1.6 / 2.0 / 2.4 / 3.0 / 3.2 / 4.0 / 4.8
Grind segment diameter [mm]	90
Vibration level [m/s²]	<4
Noise level [dB(A)]	<60

Standard grinder is equipped with a clamping sleeve for electrodes with a diameter of 2.4mm and a basic grinding wheel. It is possible to purchase clamping sleeves for other diameters and diamond wheels.

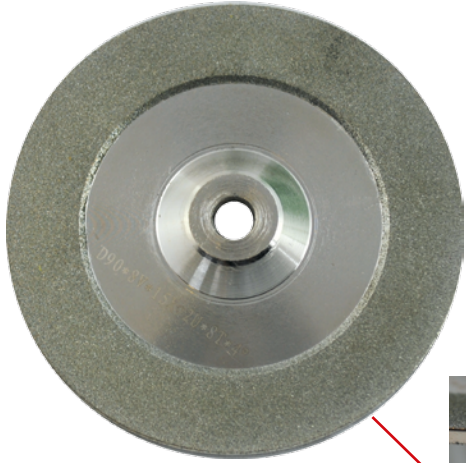


Clamping sleeves for electrode



PRODUCT CODE	SP147-00-116	SP147-00-120	SP147-00-124	SP147-00-132	SP147-00-140	SP147-00-148
Diameter [mm]	1.6	2.0	2.4	3.2	4.0	4.8

Grinding wheels



Standard	
PRODUCT CODE	SP147-00-010

Diamond	
PRODUCT CODE	SP147-00-011

► **GAS REGULATORS**

CE EN ISO 2503

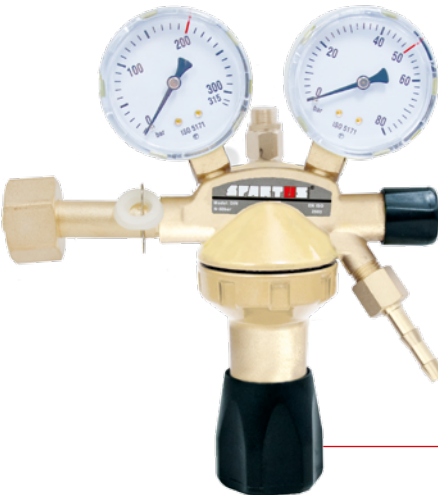
SPARTUS® single-stage gas regulators let to gas pressure reduction directly from a gas cylinder to required working pressure. Gas regulators are equipped with pressure indicators gauge, shut-off valve, safety valve and precise pressure control valve on output. High quality according to prevailing standards is a guarantee of safe use.



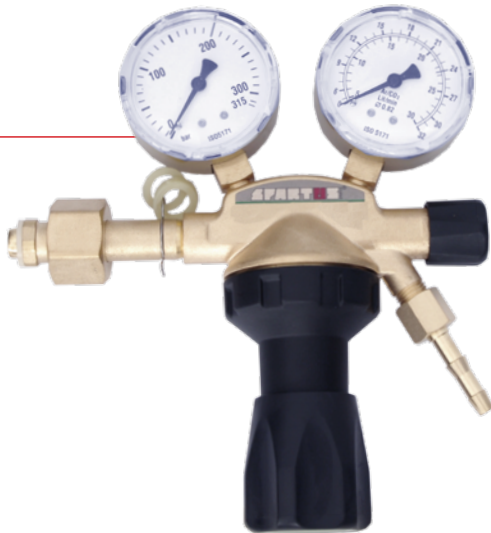
Propane 3/8" LH



Acetylene with yoke



Nitrogen 1/4"

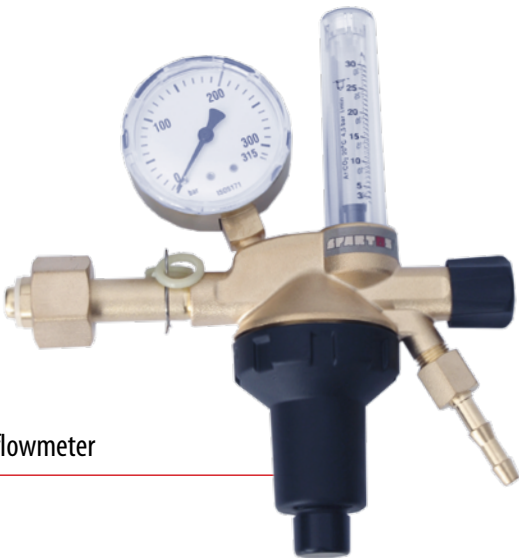


Oxygen 1/4" RH

PRODUCT NAME	Acetylene with yoke	Propane 3/8" LH	Oxygen 1/4" RH	Nitrogen 1/4"
PRODUCT CODE	SP062-91	SP062-92	SP062-93	SP062-96
Gas type	acetylene	propane	oxygen	nitrogen
Max. inlet pressure [bar]	25		200	
Flow rate [l/min]	0 – 1.5	0 – 4	0 – 10	0 – 50
Thread input	yoke	W21.8 x 1/14"	3/4"	W24.32 x 1/14"
Thread at the outlet	3/8" LH		1/4" RH	
Hose connector [Ø mm]	8		6.3	



ArCO₂ 1/4" RH



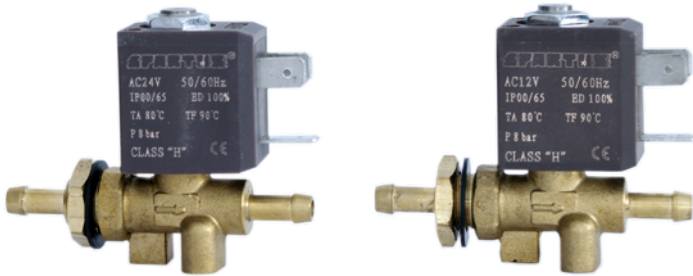
ArCO₂ 1/4" RH with flowmeter



ArCO₂ 1/4" RH

PRODUCT NAME	ArCO ₂ 1/4" RH	ArCO ₂ 1/4" RH with flowmeter	ArCO ₂ 1/4" RH
PRODUCT CODE	SP062-94	SP062-95	SP062-99
Gas type	mixed: argon, carbon dioxide		
Max. inlet pressure [bar]	200		
Flow rate [l/min]	0 – 24	0 – 32	0 – 24
Thread input	W21.8 x 1/14"	W21.8 x 1/14"	W21.7 x 1/14"
Thread at the outlet	1/4" RH		
Hose connector [Ø mm]	6.3		

► **ELECTROVALVES**



ELECTROVALVE	12V DC	12V AC	24V AC	42V AC	230V AC
PRODUCT CODE	SP900-00-009	SP900-00-010	SP900-00-011	SP900-00-012	SP900-00-013

► DRY FLASHBACK ARRESTORS

CE EN 730-1



AT THE REGULATOR
acetylene / propane 3/8" LH



AT THE REGULATOR
oxygen 1/4" RH



AT THE REGULATOR
acetylene / propane 3/8" LH

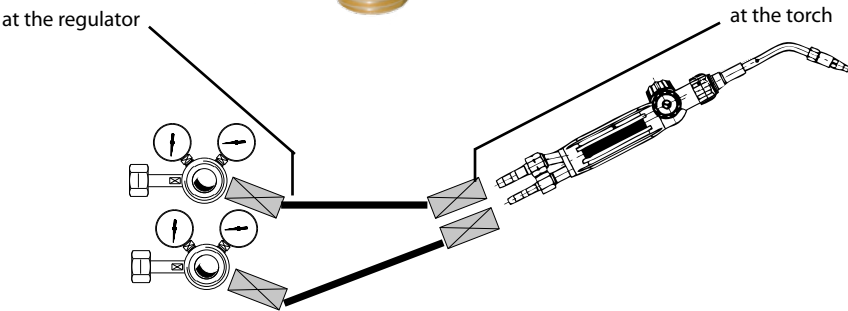


AT THE TORCH
acetylene / propane 3/8" LH



AT THE TORCH
oxygen 1/4" RH

AT THE REGULATOR
oxygen 1/4" RH



FLASHBACK ARRESTOR	at the regulator acetylene / propane 3/8" LH	at the regulator oxygen 1/4" RH	at the regulator acetylene / propane 3/8" LH	at the regulator oxygen 1/4" RH	at the torch acetylene / propane 3/8" LH	at the torch oxygen 1/4" RH
PRODUCT CODE	SP062-81-38L	SP062-81-14R	SP062-80-38L	SP062-80-14R	SP062-84-38L	SP062-84-14R
Gas type	acetylene / propane	oxygen	acetylene / propane	oxygen	acetylene / propane	oxygen
Place of connection	regulator				torch	
Max pressure [bar]	1.5 / 5	10	1.5 / 5	10	1.5 / 5	10
Connection	3/8" LH	1/4" RH	3/8" LH	1/4" RH	3/8" LH	1/4" RH
Security*	FA, NV, TV	FA, NV, TV	FA, NV, TV, PV	FA, NV, TV, PV	FA, NV	FA, NV

* FA – protection against flame, NV – protection against reverse flow, TV – thermal cut-off, PV – cut-off valve sensitive to pressure change

► AIR FILTER AT-1000

Fine compressed air filter AT-1000. Designed to remove water, oil and dusts from compressed air. It provides clean, dry and degreased air which is necessary for industrial applications. This filter should be installed as close as possible to air-powered device. It is recommended to use fine filter AT-1000 together with other compressed air preparation set elements (such as: separator, pressure regulator, pre-filter, air dryer). Filter has on both sides female connectors 1/4", widely used in pneumatics. Robust housing and replaceable filter cartridges.



PRODUCT NAME	Air filter AT-1000, set	Cellulose filter cartridge
PRODUCT CODE	50500	50505

► EURO SOCKET



PRODUCT NAME	Euro socket, set	Socket tube 124 mm for socket 090-99-000
PRODUCT CODE	090-99-000	090-99-010

► GAS FLOWMETER

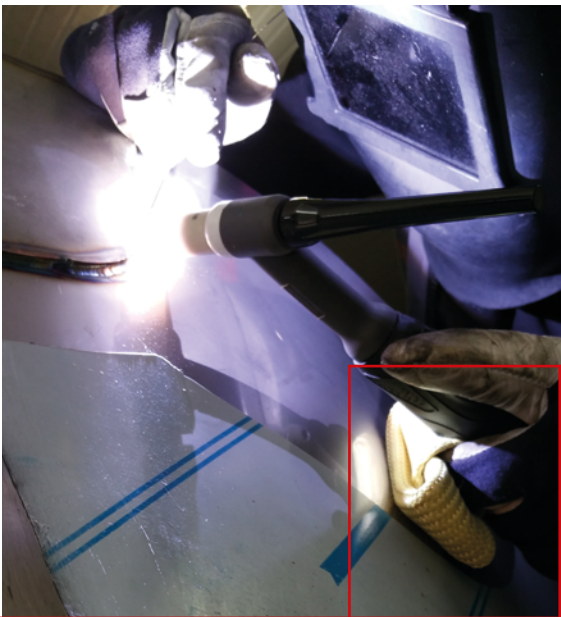
PRODUCT CODE	50020
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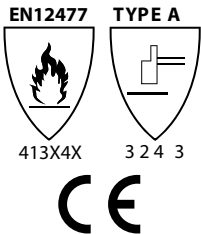


► PRO FINGER

PRODUCT CODE	SP110-10
Twaron® fabric	
easy to use	
resistant to high temperatures	



► WELDING GLOVES

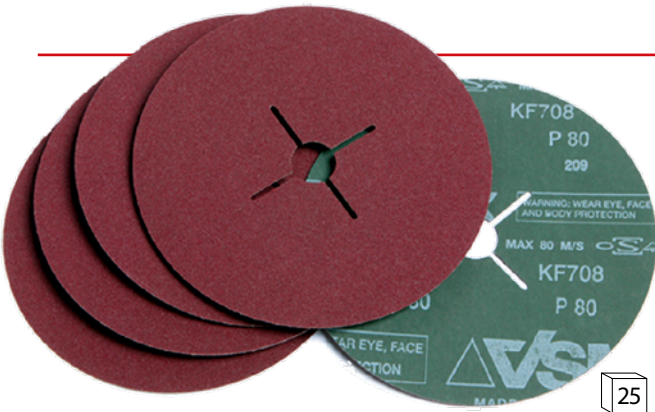


PRODUCT CODE	SP101-51
splits of cattle, length 35cm	
non-flammable sewing KEVLAR® filt covered	
gripping side of glove and wrist reinforced additionally	
overall lining	

► FIBER DISCS



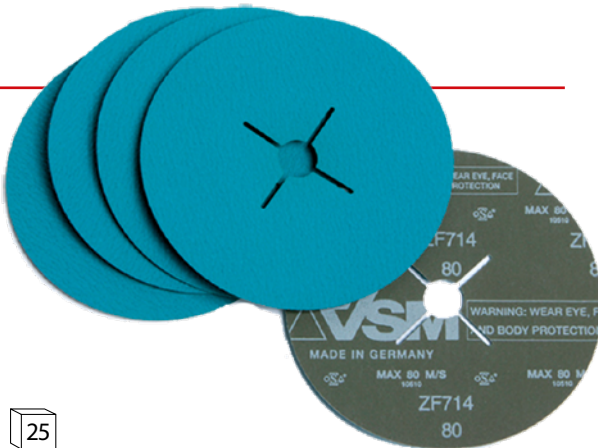
Fibre disc KF 708



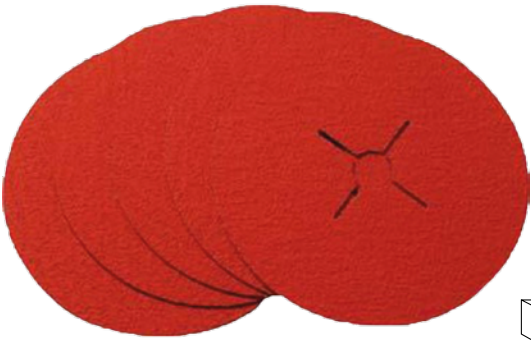
Fibre disc KF 708	A40	A60	A80
PRODUCT CODE	75419801	75419803	75419804
Diameter [Ø mm]	125		
Stock	steel		
Grinding medium code	A		
Abrasive	fused aluminium oxide (A)		
Abrasive substrate	vulcanised fibre disc		
Application	metal, plastic, wood etc.		

Fibre disc ZF 714

Fibre disc ZF 714	A40	A60	A80
PRODUCT CODE	75420386	75420298	75420300
Diameter [Ø mm]	125		
Stock	INOX – steel		
Grinding medium code	ZA		
Abrasive	zirconium aluminium oxide (ZA)		
Abrasive substrate	fibre disc		
Application	alloy steel, non-ferrous metal, grey cast iron		



Fibre disc XF 850



Fibre disc XF 850	A40
PRODUCT CODE	75462526
Diameter [Ø mm]	125
Stock	INOX – aluminium
Grinding medium code	ceramics
Abrasive	mixed ceramic grain ZA with active coating
Abrasive substrate	fibre disc
Application	alloy steel, aluminium alloy

Disc ZFI 125 M14 for fibra

PRODUCT CODE	75419993
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DISCS FOR CUTTING



Cut-off wheel P PSF EHT

universal line PS-FORTE

Disc P PSF EHT	A60
PRODUCT CODE	61719010
Diameter [Ø mm]	125
Thickness [mm]	1.0
Stock	steel
Abrasive grains	aluminum oxide A
Hardness	P
Application	cutting: sheets of metal, profiles, solid material

precise cutting
long life
cold cutting



25

universal line PS-FORTE

Cut-off wheel P PSF-INOX EHT

medium hard
precise cutting
long life
cold cutting



25

Disc P PSF-INOX EHT	A60	A46
PRODUCT CODE	61721100	61721121
Diameter [Ø mm]	125	
Thickness [mm]	1.0	1.6
Stock	stainless steel (INOX)	
Abrasive grains	aluminum oxide A	
Hardness	P (INOX)	
Application	cutting: sheets of metal, profiles, solid material	

Cut-off wheel R SG-INOX EHT

performance line SG-ELASTIC

Disc R SG-INOX EHT	A60
PRODUCT CODE	61341112
Diameter [Ø mm]	125
Thickness [mm]	1.0
Stock	stainless steel (INOX)
Abrasive grains	aluminum oxide A
Hardness	R (INOX)
Application	cutting: sheets of metal, profiles, solid material

hard, highly efficient
precise cutting
long life
cold cutting



25

DISC FOR PEELING



universal line PS-FORTE



long life
very good results
at a low pressure
suitable for angle grinders
of various power

10

Reinforced grinding wheel P PSF

Disc P PSF	A30
PRODUCT CODE	62012634
Diameter [Ø mm]	125
Thickness [mm]	7.0
Stock	steel, cast iron
Abrasive grains	aluminum oxide A
Hardness	P
Application	surface grinding, work on weld seams, chamfering, deburring

GRINDING WHEELS POLIFAN®



universal line PSF



10

Flap disc PSF

long life
very good results at a low pressure
suitable for angle grinders of various power

Disc PSF	A40	A60
PRODUCT CODE	67744125	67746125
Diameter [Ø mm]	125	
Stock	steel, INOX, plastics	
Abrasive grains	aluminum oxide A	
Application	surface grinding, work on weld seams	

Flap disc Z40 SGP-CURVE

special line SGP

high efficiency of grinding
precise emphasis of the fillet weld grind geometry
shape stability

Disc Z40 SGP-CURVE	M	L
PRODUCT CODE	67689052	67689062
Diameter [Ø mm]	125	
Stock	steel, stainless steel (INOX)	
Abrasive grains	zirconium aluminium oxide Z	
Application	fillet weld – for processing radiuses > 5 mm, width of radius 11 mm	fillet weld – for processing radiuses > 8 mm, width of radius 14 mm
	chamfering, stainless steel (INOX), fillet weld grinding, deburring	



10

► STEEL WIRE BRUSHES

Cup brush



KNOTTED WIRE 0,5 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
0088-608-151	65	
0088-608-152	75	
0088-608-153	80	
0088-608-154	100	

CRIMPED WIRE 0,3 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
0088-613-161	65	
0088-613-162	75	
0088-613-163	80	
0088-613-164	100	



Bevel brush



KNOTTED WIRE 0,5 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
0088-632-151	Ø115 × 15	
3908-632-151	Ø125 × 15	

CRIMPED WIRE 0,3 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
0088-512-161	Ø100 × 16	
0088-512-162	Ø100 × 20	

Pivot brush

CRIMPED WIRE 0,3 mm, PIVOT 6 mm		
PRODUCT CODE	Type	Diameter [mm]
0008-600-321	wheel	63
0008-600-421	wheel	75
0008-600-521	wheel	100
0008-509-161	end	12
0008-509-162	end	17
0008-509-163	end	25
0008-509-164	end	30



Wheel brush



CRIMPED WIRE 0,3 mm		
PRODUCT CODE	Diameter [mm]	
0088-544-162	Ø150 × 25 × 32	
0088-566-162	Ø200 × 25 × 32	
0088-576-162	Ø250 × 25 × 32	

► STAINLESS WIRE BRUSHES



Finish. First.

Cup brush



KNOTTED WIRE, THREAD M14		
PRODUCT CODE	Wire [mm]	Diameter [mm]
4508-608-331	0,35	65
3088-608-353	0,50	80

CRIMPED WIRE 0,3 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
0202-613-361	60	
1908-613-364	100	

Bevel brush

KNOTTED WIRE 0,5 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
3088-622-351	Ø100 × 13	
1308-632-351	Ø115 × 15	

CRIMPED WIRE 0,3 mm, THREAD M14		
PRODUCT CODE	Diameter [mm]	
3088-512-361	Ø100 × 10	
0222-512-362	Ø100 × 20	



Pivot brush



CRIMPED WIRE 0,2 mm, PIVOT 6 mm		
PRODUCT CODE	Typ	Diameter [mm]
0008-504-342	wheel	Ø50 × 17
0008-506-342	wheel	Ø70 × 18

CRIMPED WIRE 0,3 mm, PIVOT 6 mm		
PRODUCT CODE	Type	Diameter [mm]
0003-509-361	end	10
0108-509-362	end	17

Hand brush



WOODEN, STAINLESS WIRE 0,3 mm		
PRODUCT CODE	Type	
0001-151-392	two-rowed	
0001-151-393	three-row	
0001-151-394	four-row	
0001-151-395	five-row	

METAL, 0,3 mm		
PRODUCT CODE	Type	
0008-462-291	steel, single-row	
0008-462-391	stainless, single-row	
0008-462-591	brass, single-row	

► HELMETS SPARTUS®

Automatic helmet SPARTUS® Easy

Application	welding MMA, TIG, MIG/MAG, grinding
Cartridge size [mm]	110 x 90 x 9
Active field of view [mm]	98 x 43
Number of sensors	2
Shading (standby)	DIN 4
UV/IR protection degree	to DIN 16
Light to dark switching time [ms]	0.04
Delay control light to dark switching time [s]	0.1 – 1.0
Powered	solar cells
Weight [g]	480



powered by solar cells



PRODUCT CODE	DESCRIPTION
080-10-100	SPARTUS® Easy helmet
080-12-100	Headgear for helmet SPARTUS® Easy
082-101-112	Polycarbonate shield 101 x 112 mm designed for helmet SPARTUS® Easy (outer)
082-50-103	Polycarbonate shield 50 x 103,5 mm designed for helmet SPARTUS® Easy (inner)

Automatic helmet SPARTUS® Pro 301X

Application	welding MMA, TIG, MIG/MAG, grinding
Cartridge size [mm]	125 x 135 x 10
Active field of view [mm]	100 x 65
Number of sensors	4
Shading (standby)	DIN 4
Filter CE level	1/1/1/1
UV/IR protection degree	to DIN 16
Czas zaciemnienia [ms]	0.03
Delay control light to dark switching time [s]	0.3 – 0.9
Powered	solar cells
Weight [g]	490



two colour versions:
white and grey



the highest optical class
1/1/1/1



PRODUCT CODE	DESCRIPTION
080-10-301XW	SPARTUS® Pro 301X helmet – white
080-10-301XG	SPARTUS® Pro 301X helmet – grey
080-12-301X	Headgear for helmet SPARTUS® Pro 301X
082-125-106	Polycarbonate shield 125 x 106 mm designed for helmet SPARTUS® Pro 301X (outer)
082-108-068	Polycarbonate shield 108 x 68 mm designed for helmet SPARTUS® Pro 301X (inner)

Automatic helmet SPARTUS® Pro 301X with hard hat

Health and safety regulations require in many situations using of a protective helmet to cover the operator's head from injuries. The situations include for example: the works on bridges, on steel constructions, in large tanks as well as renovation and assembly works with boilers and their installations. Welding protection helmet SPARTUS® Pro 301X is connected via a special adapter with hard hat. It provides increased protection of the welder from dangerous potential consequences of head injuries and ensures high comfort during long hours of use. Person, who uses protecting welding helmet with hard hat, meets stringent health and safety requirements in the workplace.



PRODUCT CODE	DESCRIPTION
080-10-301XWK	SPARTUS® Pro 301X helmet with hard hat – white
080-10-301XGK	SPARTUS® Pro 301X helmet with hard hat – grey



Wideo prezentacje produktów



Subskrybuj kanał SPARTUS.INFO

Helmet SPARTUS® Pro 301X with ventilation



- IMPACT RESISTANCE HIGH
- BATTERY REMOVABLE
- AUTO DARKENING
- FOUR PHOTO-SENSORS

TECHNICAL PARAMETERS

Blower unit flow rates [nl/min]	level 1: min. 170; level 2: min. 220
Operating time [h]	level 1: 10; level 2: 9
Battery type	standard longlife time, Li-ion rechargeable
Voltage / Capacity [V/Ah]	14.8 / 2.6
Charging cycles	>500
Charging time [h]	2.5
Max. noise level [dB]	60
Indicator light	audible and vibration alarm, when the blower system fails
Interchangeable parts	electronic fuse, long life blower brushless motor
Hose length / dimensions	900 mm including connector / 31 mm inside
Standards	EN 12941:1998/A1:2003/A2:2008 TH3P R SL

simple and clear status display

brushless motor for smooth and ultra quiet running

variable airflow speed control

supplied with P3 HEPA main filter, activated carbon pre filter and metal sparkarrester

a large, comfortable control panel

light weight >1.1kg

run time <10h



PRODUCT CODE	DESCRIPTION
080-10-301N	SPARTUS® Pro 301X helmet with ventilation (grey) – set
080-15-001	Main filter HEPA
080-15-003	Dust cover
080-15-004	Activated carbon pre filter
080-15-010	Li-ion battery



Passive helmet SPARTUS® Easy with flap

PRODUCT CODE	DESCRIPTION
080-00-010	Passive helmet SPARTUS® Easy with flap
082-52-110	Polycarbonate shield 52 x 110 mm
081-11-006	Welding filter DIN11 60 x 110 mm



Helmet with flap



PRODUCT CODE	DESCRIPTION
080-00-001	Helmet with flap 90 x 110 mm
080-12-000	Headgear for helmet with flap
081-10-001	Welding filter DIN10 60 x 110 mm
080-00-011	Filter adapter for helmet with flap

Headshield



PRODUCT CODE	DESCRIPTION
080-00-005	Headshield 90 x 110 mm
080-00-025	Handle for headshield
081-10-001	Welding filter DIN10 90 x 110 mm



RECOMMENDED SHADING

		Current [A]																							
		1,5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500	600			
Level of security* for the process:	MMA				8				9		10		11		12			13			14				
	MAG				8				9		10		11		12			13			14				
	TIG			8			9		10		11		12		13			14							
	MIG heavy metals**					9					10		11		12			13		14					
	MIG light alloys						10						11		12			13		14					
	electroerosion						10							11	12		13		14		15				
	plasma cutting					9					10	11		12			13								
	microplasma welding	4		5		6	7	8		9		10		11		12									
		1,5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500	600			

* prepared by SPARTUS® according to EN 379
** term „heavy metals“ applies to steel, steel alloys, copper, copper alloys, etc.

▶ FILTERS AND SHIELDS

Welding filters



	Filtr				
Shading	Ø50 mm*	50 x 100 mm	60 x 110 mm	80 x 100 mm	90 x 110 mm
DIN4	081-04-005	–	–	–	–
DIN5	081-05-005	–	–	–	–
DIN6	081-06-005	–	081-06-006	081-06-002	081-06-001
DIN7	081-07-005	–	081-07-006	081-07-002	081-07-001
DIN8	081-08-005	081-08-003	081-08-006	081-08-002	081-08-001
DIN9	081-09-005	081-09-003	081-09-006	081-09-002	081-09-001
DIN10	081-10-005	081-10-003	081-10-006	081-10-002	081-10-001
DIN11	081-11-005	081-11-003	081-11-006	081-11-002	081-11-001
DIN12	081-12-005	081-12-003	081-12-006	081-12-002	081-12-001
DIN13	081-13-005	081-13-003	081-13-006	081-13-002	081-13-001

Silver welding filters



100

Shading	Filtr			
	Ø50 mm	50 x 100 mm	80 x 100 mm	90 x 110 mm
DIN11	081-11-015	081-11-013	081-11-012	081-11-011
DIN12	081-12-015	081-12-013	081-12-012	081-12-011

Gold welding filters



100

Shading	Filtr				
	Ø50 mm	50 x 100 mm	60 x 110 mm	80 x 100 mm	90 x 110 mm
DIN8	-	081-08-023	-	-	-
DIN9	081-09-025	081-09-023	081-09-026	081-09-022	081-09-021
DIN10	081-10-025	081-10-023	081-10-026	081-10-022	081-10-021
DIN11	081-11-025	081-11-023	081-11-026	081-11-022	081-11-021
DIN12	081-12-025	081-12-023	081-12-026	081-12-022	081-12-021
DIN13	081-13-025	081-13-023	081-13-026	081-13-022	081-13-021

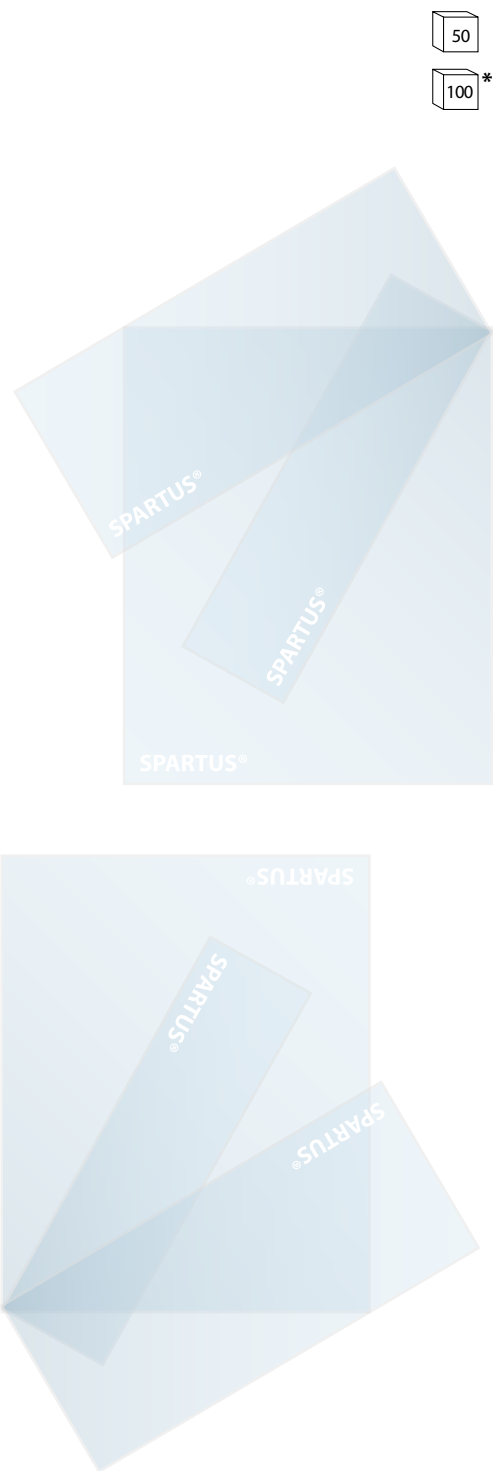
Protection glasses



100

PRODUCT CODE	Protection glass				
	Ø50 mm	50 x 100 mm	60 x 110 mm	80 x 100 mm	90 x 110 mm
	081-00-005	081-00-003	081-00-006	081-00-002	081-00-001

Polycarbonate shields

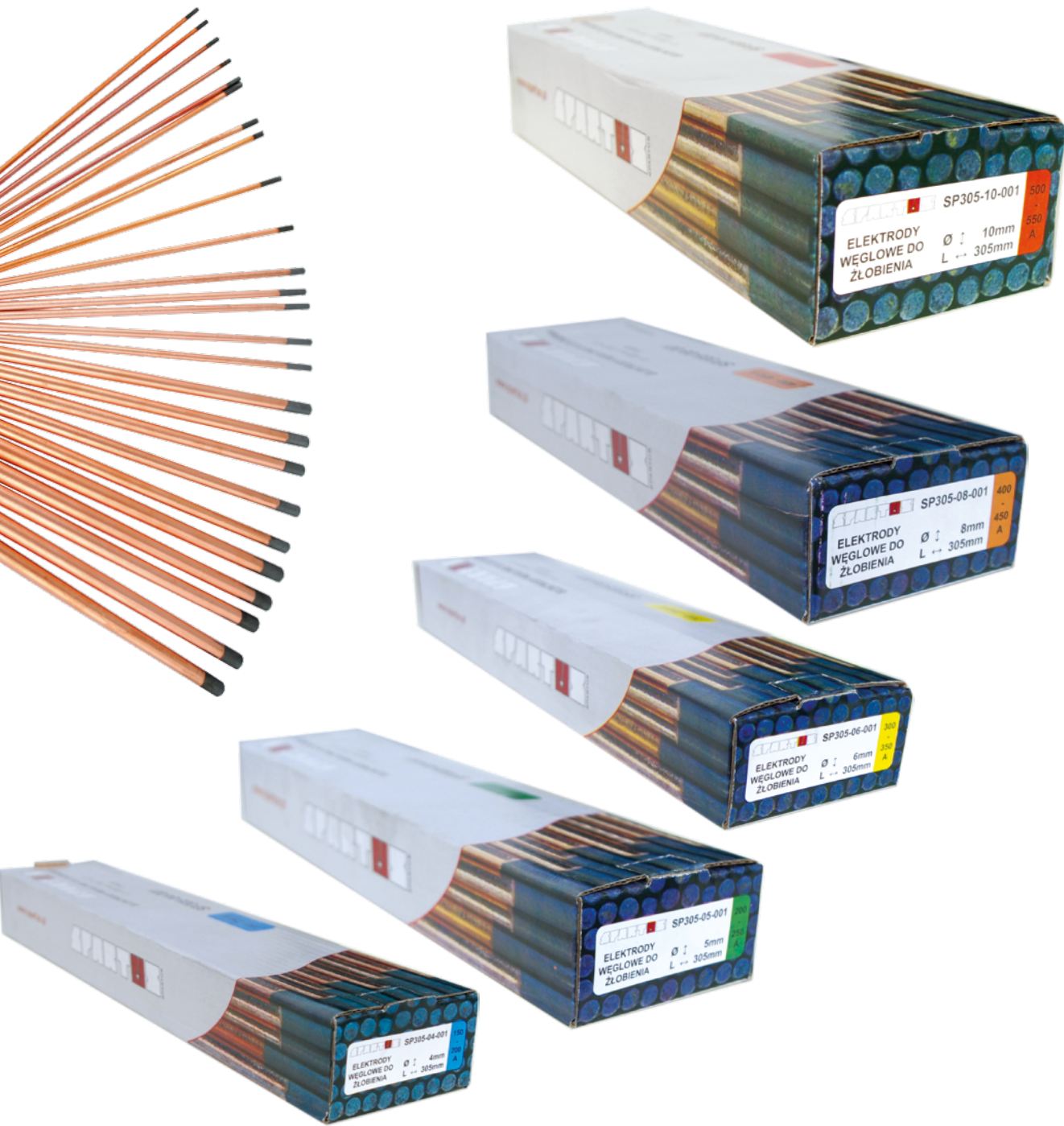


50
100*

PRODUCT CODE	Polycarbonate shield [mm]
082-20-100	20 x 100
082-42-097	42 x 97
082-46-096	46 x 96
082-46-104	46 x 104
082-46-105	46 x 105
082-46-106	46 x 106
082-47-097	47 x 97
082-47-103	47 x 103
082-50-100	50 x 100
082-50-103	50 x 103.5 (SPARTUS® Easy inner)
082-51-096	51 x 96
082-51-107	51 x 107
082-54-105	54 x 105
082-58-107	58 x 107
082-60-110	60 x 110
082-75-098	75 x 98
082-80-100	80 x 100
082-80-103*	80 x 103.5
082-80-106	80 x 106
082-86-103	86 x 103
082-86-108	86 x 108
082-86-112	86 x 112
082-89-114	89 x 114
082-90-110	90 x 110
082-92-104	92 x 104
082-92-112	92 x 112
082-94-115	94 x 115
082-97-110	97 x 110
082-10-120	100 x 120
082-101-112	101 x 112 (SPARTUS® Easy outer)
082-108-068	108 x 68 (SPARTUS® Pro 301X inner)
082-114-134	114 x 134
082-125-106	125 x 106 (SPARTUS® Pro 301X outer)
082-128-130*	128 x 130

► **ELECTRODES**

Carbon electrodes



Gouging carbon electrode			
PRODUCT CODE	Dimension [mm]	Amperage [A]	Package [pcs]
SP305-04-001	4.0 x 305	150 – 200	100
SP305-05-001	5.0 x 305	200 – 250	100
SP305-06-001	6.0 x 305	300 – 350	50
SP305-08-001	8.0 x 305	400 – 450	50
SP305-10-001	10.0 x 305	500 – 550	50
SP305-13-001	13.0 x 305	800 – 1000	50

Tungsten electrodes



Tungsten electrode							
Dimension [mm]	WP green	WT20 red	WC20 grey	WL15 gold	WX3 purple	WL20 blue	Package [pcs]
1.0 x 175	SP100W10	SP20TR10	SP20CE10	SP15RE10	SP20RE10	–	10
1.5 x 175	–	SP20TR15	–	–	–	–	10
1.6 x 175	SP100W16	SP20TR16	SP20CE16	SP15RE16	SP20RE16	SP20WL16	10
2.0 x 175	SP100W20	SP20TR20	SP20CE20	SP15RE20	SP20RE20	–	10
2.4 x 175	SP100W24	SP20TR24	SP20CE24	SP15RE24	SP20RE24	SP20WL24	10
3.0 x 175	SP100W30	SP20TR30	SP20CE30	SP15RE30	SP20RE30	–	10
3.2 x 175	SP100W32	SP20TR32	SP20CE32	SP15RE32	SP20RE32	SP20WL32	10
4.0 x 175	SP100W40	SP20TR40	SP20CE40	SP15RE40	SP20RE40	SP20WL40	10
4.8 x 175	SP100W48	SP20TR48	SP20CE48	SP15RE48	SP20RE48	–	5
6.4 x 175	SP100W64	SP20TR64	SP20CE64	SP15RE64	SP20RE64	–	5

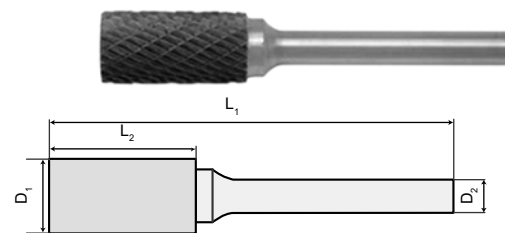
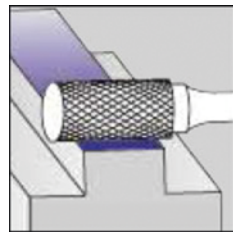
Collective package: 20 packages

Alloy:
WP – wolfram 100%
WT20 – wolfram 98% + thorium oxide 2%
WC20 – wolfram 98% + cerium oxide 2%
WL15 – wolfram 98,5% + lanthanum oxide 1,5%
WX3 – wolfram 98,06% + lanthanum oxide 1,75% + cerium oxide 0,095% + zirconium oxide 0,095%
WL20 – wolfram 98% + lanthanum oxide 2%

WP
WTh20
WCe20
WLa15
WGLa1,75Ce0,95Zr0,95
WL20

▶ ROTARY BURRS

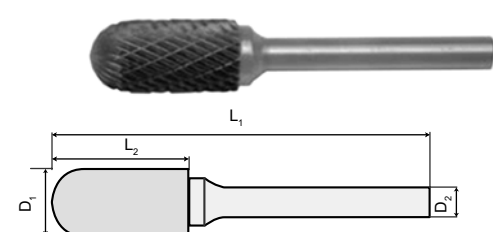
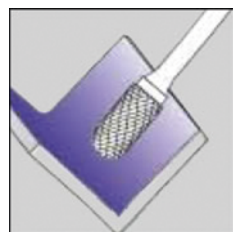
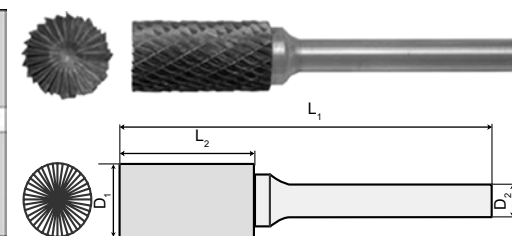
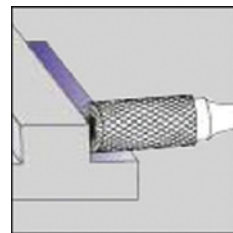
Carbide rotary burrs



ROTARY BURR CYLINDER

PRODUCT CODE	D1	L2	D2	L1
040-06-080	8	19	6	63
040-06-127	12.7	25	6	69
040-06-160	16	25	6	69

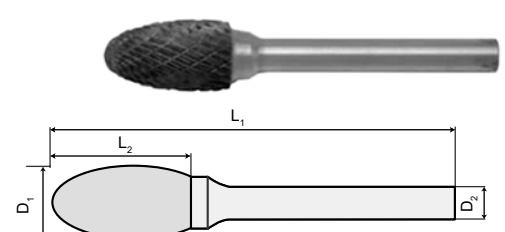
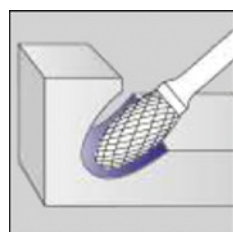
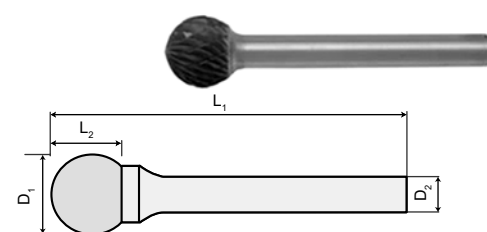
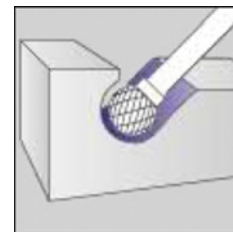
ROTARY BURR CYLINDER with end cut				
PRODUCT CODE	D1	L2	D2	L1
041-06-080	8	19	6	63
041-06-127	12.7	25	6	69
041-06-160	16	25	6	69



ROTARY BURR BALL nose cylinder

PRODUCT CODE	D1	L2	D2	L1
042-06-080	8	19	6	63
042-06-127	12.7	25	6	69
042-06-160	16	25	6	69

ROTARY BURR BALL				
PRODUCT CODE	D1	L2	D2	L1
043-06-080	8	6.4	6	50
043-06-127	12.7	11	6	55
043-06-160	16	11	6	62

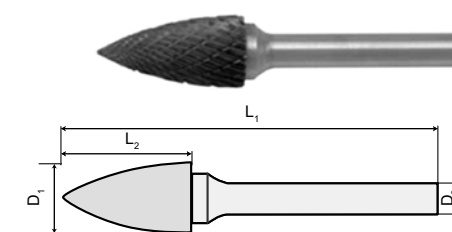
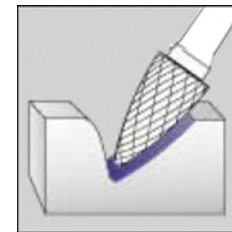
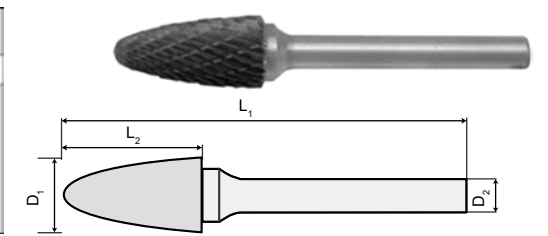
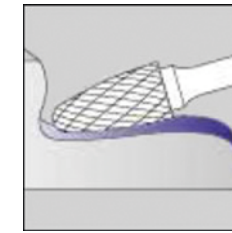


ROTARY BURR OVAL

PRODUCT CODE	D1	L2	D2	L1
044-06-005	9.5	16	6	60
044-06-127	12.7	22	6	66
044-06-160	16	25	6	69

ROTARY BURR BALL NOSE TREE radius end

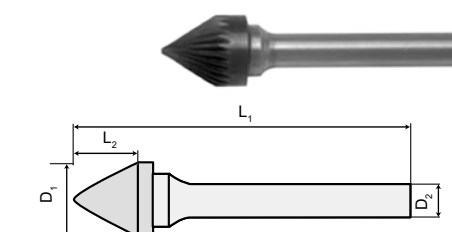
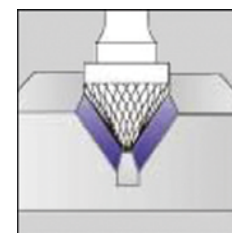
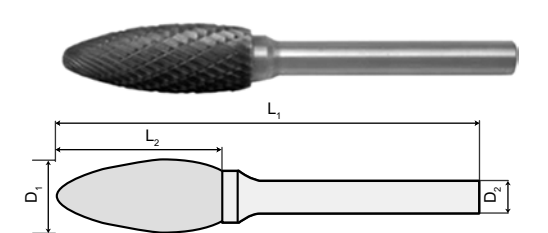
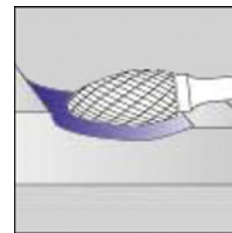
PRODUCT CODE	D1	L2	D2	L1
045-06-095	9.5	19	6	63
045-06-127	12.7	25	6	69
045-08-127	12.7	25	8	69
045-06-160	16	25	6	69



ROTARY BURR TREE pointed end

PRODUCT CODE	D1	L2	D2	L1
046-06-080	8	16	6	63
046-06-127	12.7	25	6	69
046-08-127	12.7	25	8	69
046-06-160	16	25	6	69

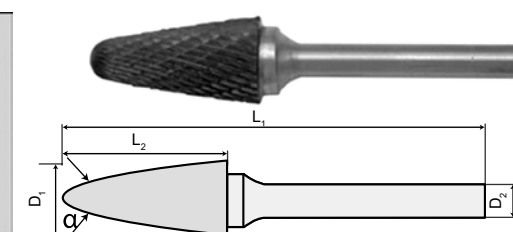
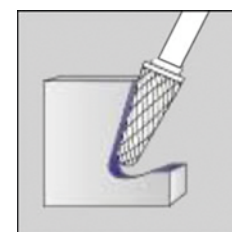
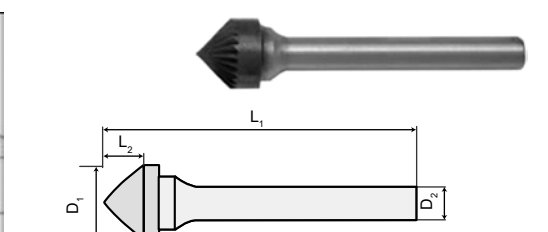
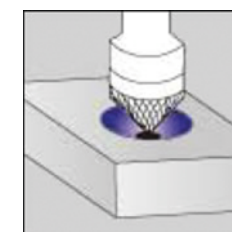
ROTARY BURR FLAME				
PRODUCT CODE	D1	L2	D2	L1
047-06-080	8	19	6	63
047-06-127	12.7	32	6	76
047-06-160	16	36	6	80



ROTARY BURR CONE 60°

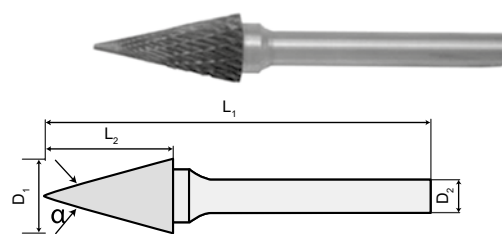
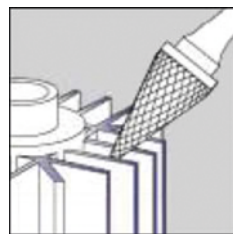
PRODUCT CODE	D1	L2	D2	L1
048-06-095	9.5	8	6	55
048-06-127	12.7	11	6	58
048-06-160	16	14	6	61

ROTARY BURR CONE 90°				
PRODUCT CODE	D1	L2	D2	L1
049-06-095	9.5	4.7	6	52
049-06-127	12.7	6.3	6	54
049-06-160	16	8	6	57



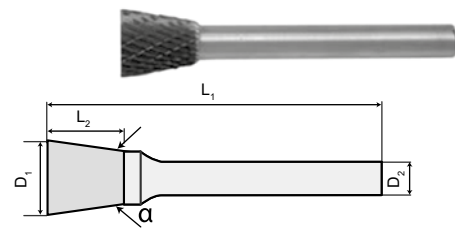
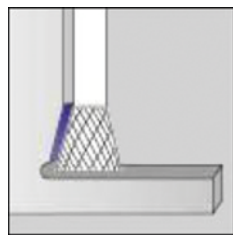
ROTARY BURR BALL NOSE CONE

PRODUCT CODE	α	D1	L2	D2	L1
050-06-080	14°	8	22	6	69
050-06-127	14°	12.7	27	6	74
050-06-160	14°	16	30	6	77

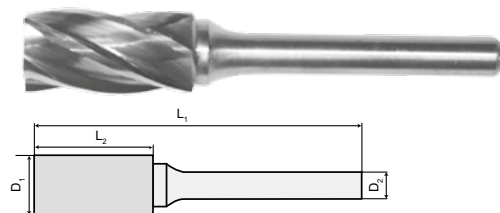
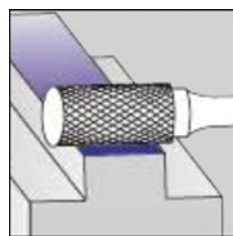


ROTARY BURR CONE					
PRODUCT CODE	α	D1	L2	D2	L1
051-06-095	28°	9.5	16	6	63
051-06-127	28°	12.7	22	6	69
051-08-127	28°	12.7	22	8	69
051-06-160	31°	16	25	6	77

ROTARY BURR INVERTED CONE					
PRODUCT CODE	α	D1	L2	D2	L1
052-06-095	13°	9.5	9.5	6	53
052-06-127	28°	12.7	12.7	6	57
052-06-160	18°	16	19	6	63

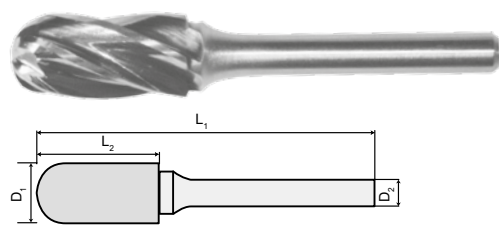
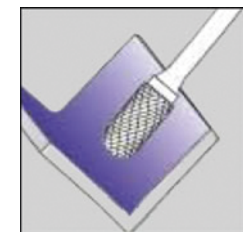
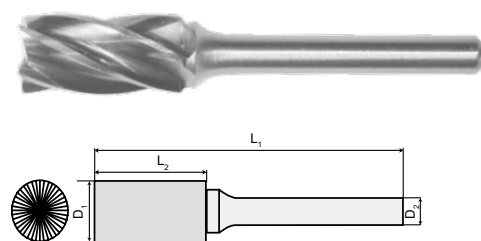
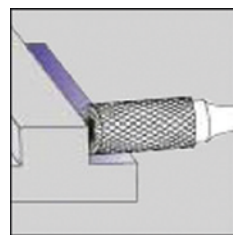


Rotary burrs for aluminum



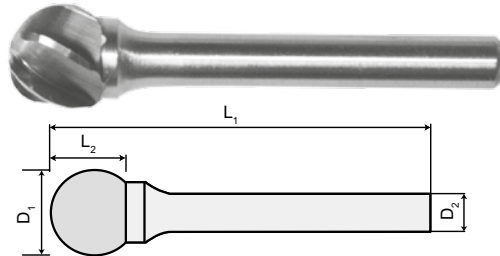
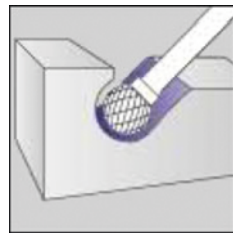
ROTARY BURR CYLINDER				
PRODUCT CODE	D1	L2	D2	L1
040-06-127ALU	12.7	25	6	69

ROTARY BURR CYLINDER with end cut				
PRODUCT CODE	D1	L2	D2	L1
041-06-127ALU	12.7	25	6	69

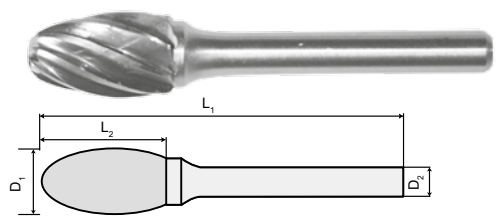
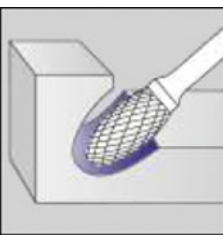


ROTARY BURR BALL NOSE CYLINDER				
PRODUCT CODE	D1	L2	D2	L1
042-06-127ALU	12.7	25	6	69

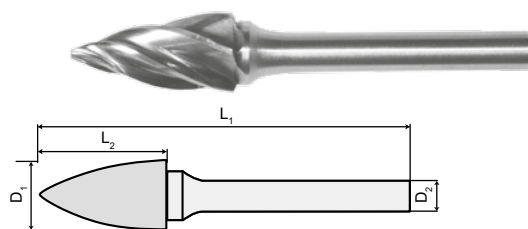
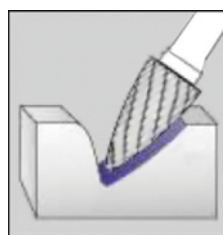
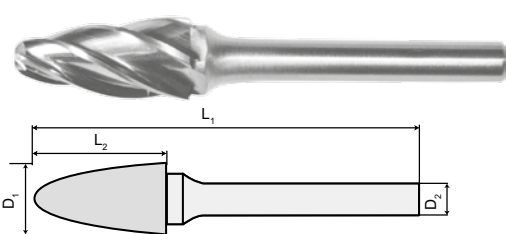
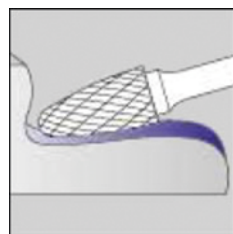
ROTARY BURR BALL				
PRODUCT CODE	D1	L2	D2	L1
043-06-127ALU	12.7	11	6	55



ROTARY BURR OVAL				
PRODUCT CODE	D1	L2	D2	L1
044-06-127ALU	12.7	22	6	69

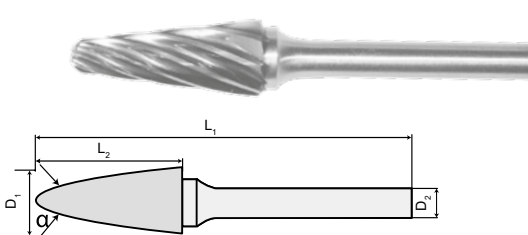
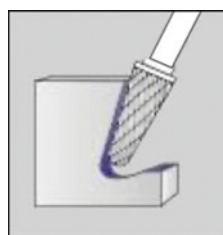
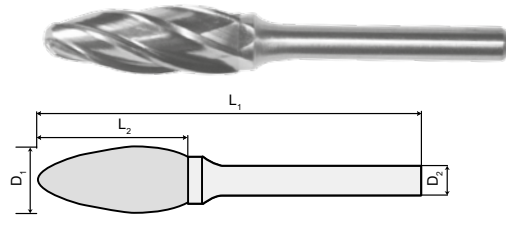
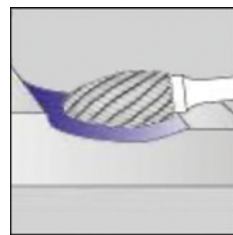


ROTARY BURR BALL NOSE TREE radius end				
PRODUCT CODE	D1	L2	D2	L1
045-06-127ALU	12.7	25	6	69



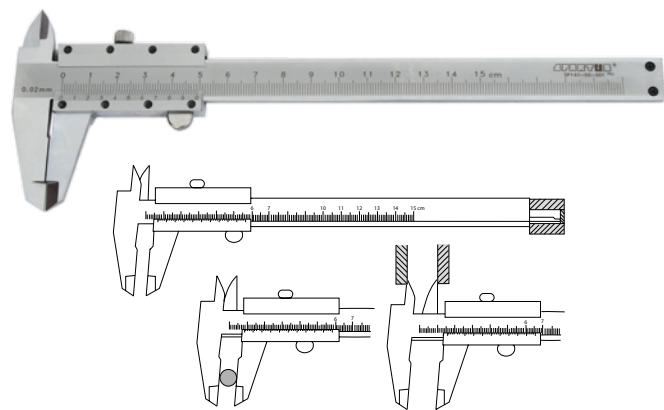
ROTARY BURR TREE pointed end				
PRODUCT CODE	D1	L2	D2	L1
046-06-127ALU	12.7	25	6	69

ROTARY BURR FLAME				
PRODUCT CODE	D1	L2	D2	L1
047-06-127ALU	12.7	32	6	76

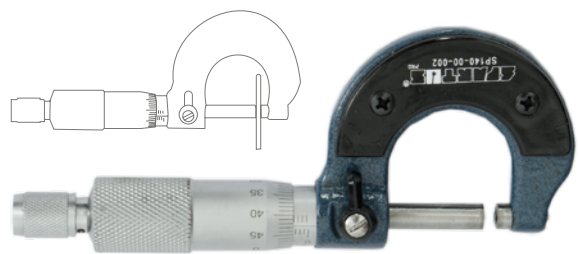


ROTARY BURR BALL NOSE CONE 14°					
PRODUCT CODE	α	D1	L2	D2	L1
050-06-127ALU	14°	12.7	27	6	74

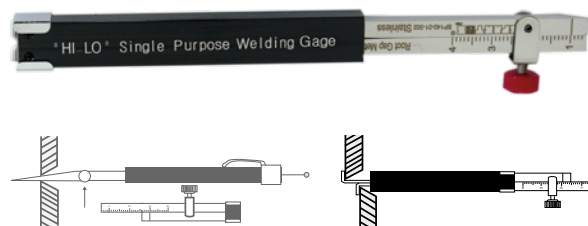
MEASURING EQUIPMENT



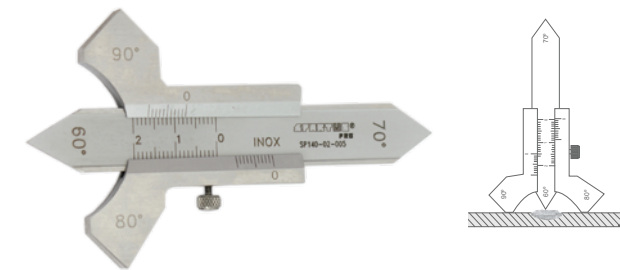
VERNIER CALIPER GAUGE
PRODUCT CODE SP140-00-001



MICROMETER
PRODUCT CODE SP140-00-002



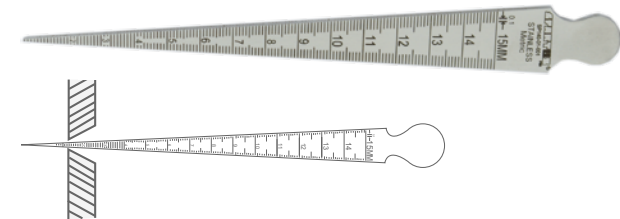
WELDING FEELER GAUGE
PRODUCT CODE SP140-01-002



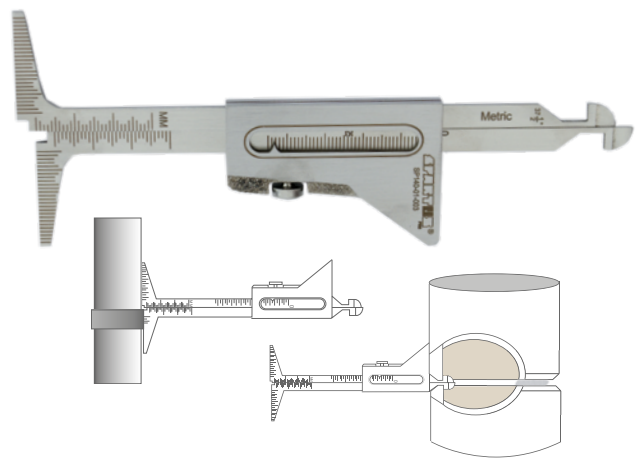
WELD FILLET GAUGE
PRODUCT CODE SP140-02-005



DIGITAL CALIPER GAUGE
PRODUCT CODE SP140-00-001D



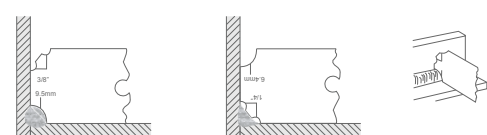
WELDING FEELER GAUGE
PRODUCT CODE SP140-01-001



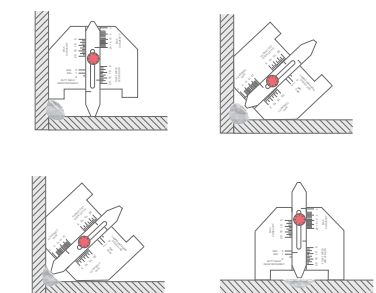
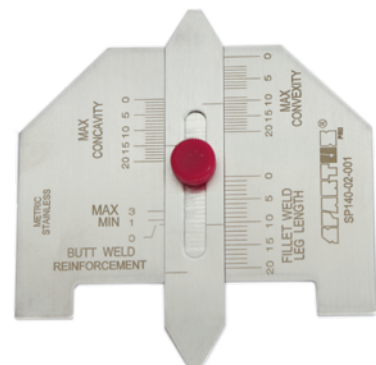
VERNIER DEPTH GAUGE
PRODUCT CODE SP140-01-003



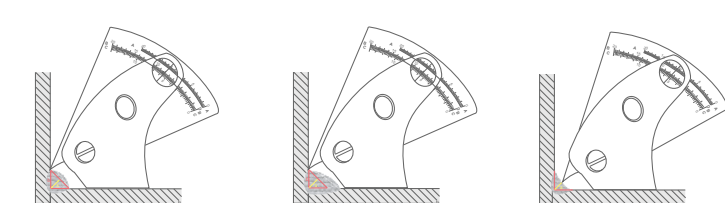
DIGITAL WELDING GAUGE
PRODUCT CODE SP140-02-005D



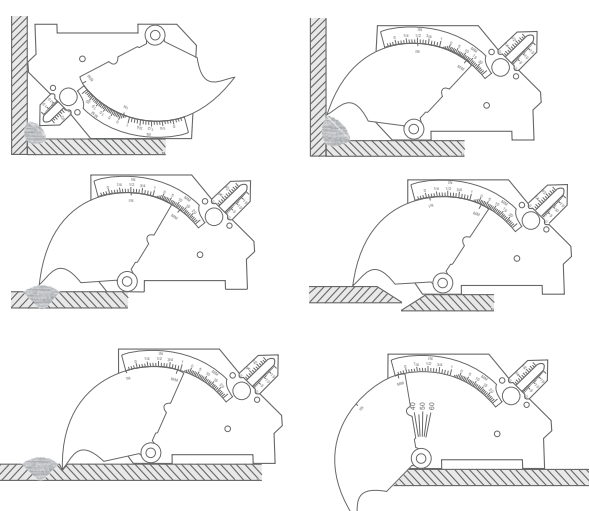
WELD FILLET GAUGE MG11
PRODUCT CODE SP140-02-002



WELD FILLET GAUGE
PRODUCT CODE SP140-02-001

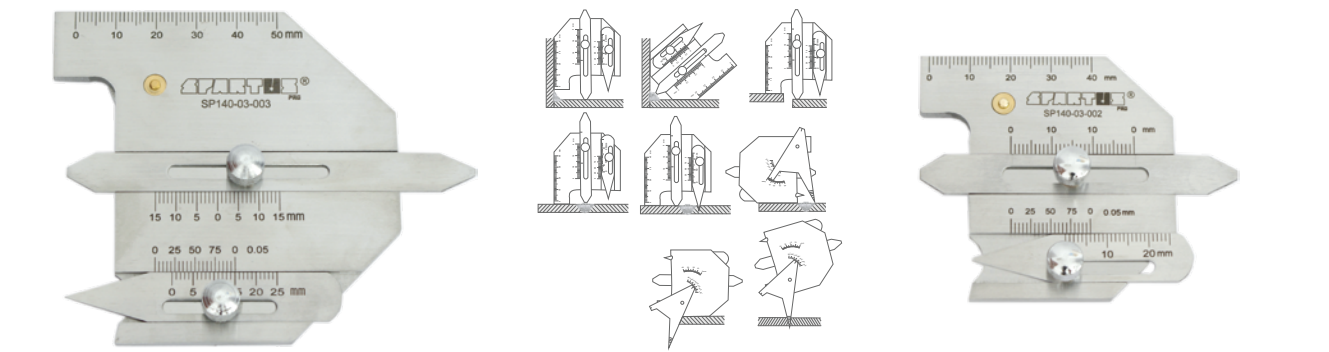


WELD FILLET GAUGE
PRODUCT CODE SP140-02-004



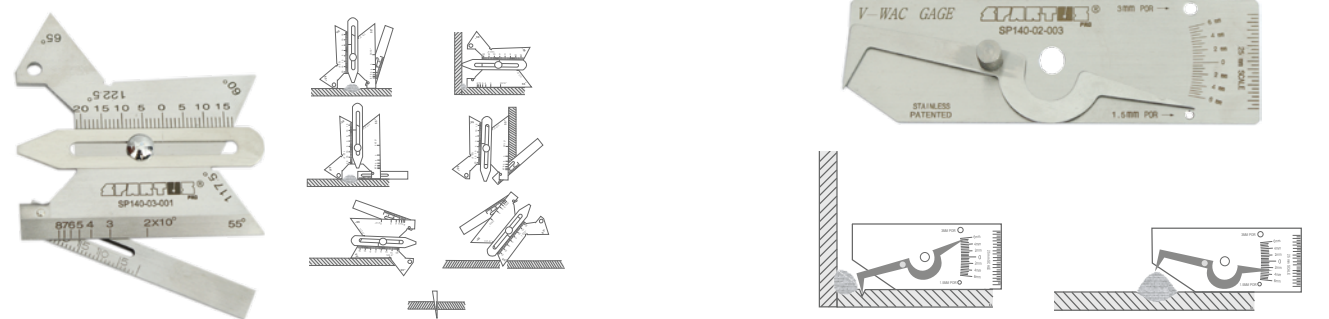
WELD FILLET GAUGE MG8
PRODUCT CODE SP140-03-004





WELD FILLET GAUGE HJ30
PRODUCT CODE SP140-03-001

WELD FILLET GAUGE HJ40
PRODUCT CODE SP140-03-002



WELD FILLET GAUGE HJ60
PRODUCT CODE SP140-03-003

WELD FILLET GAUGE
PRODUCT CODE SP140-02-003

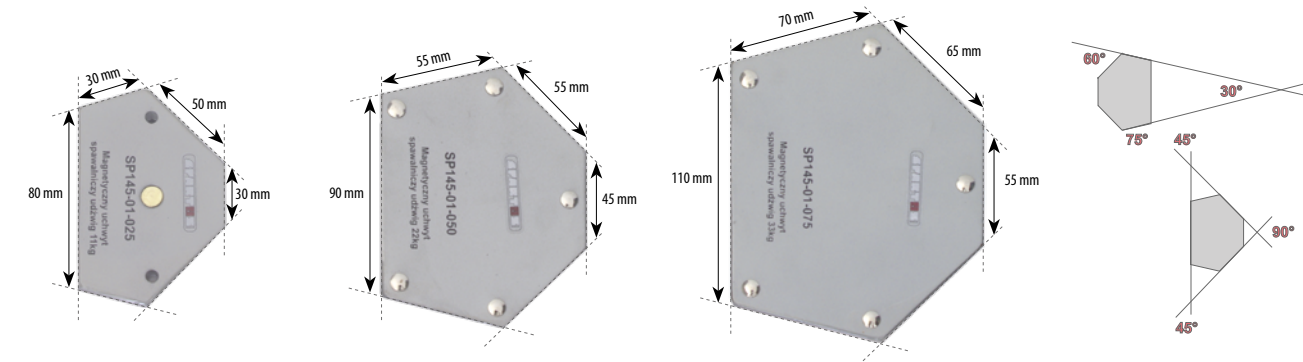
► MAGNETIC TORCH HOLDERS



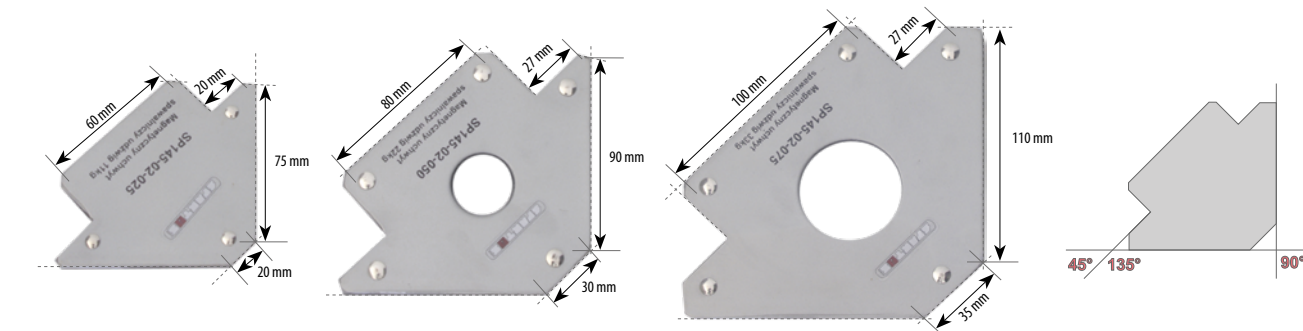
Magnetic MIG gun holder
PRODUCT CODE SP145-05-001

Magnetic TIG torch holder
PRODUCT CODE SP145-05-002

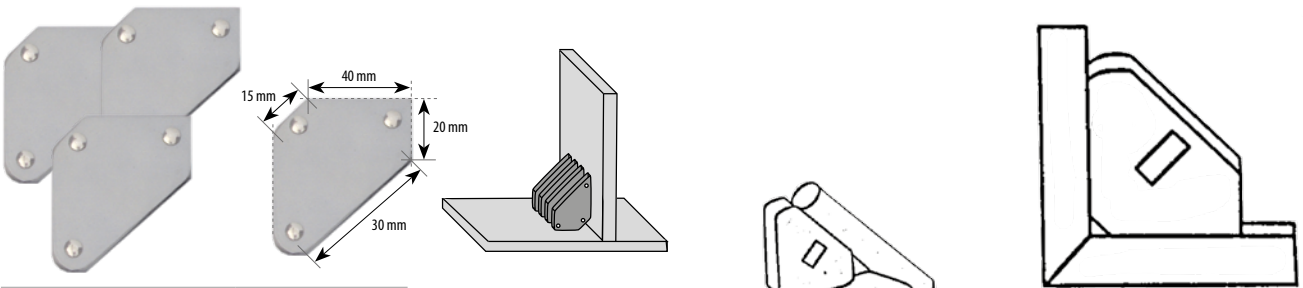
► MAGNETIC WELDING HOLDERS



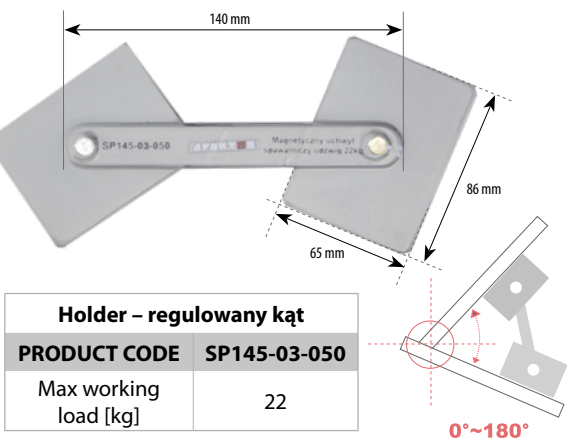
Holder			
PRODUCT CODE	SP145-01-025	SP145-01-050	SP145-01-075
Max working load [kg]	11	22	33



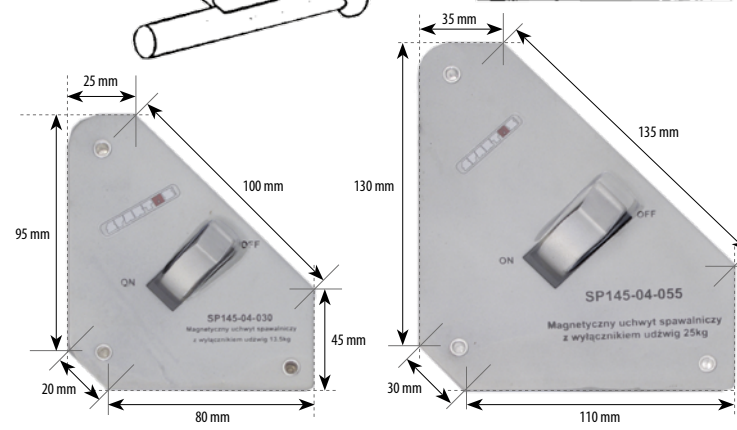
Holder – arrow			
PRODUCT CODE	SP145-02-025	SP145-02-050	SP145-02-075
Max working load [kg]	11	22	33



Zestaw magnesów kątowych 4 szt.	
PRODUCT CODE	SP145-00-009
Max working load [kg]	4



Holder – regulowany kąt	
PRODUCT CODE	SP145-03-050
Max working load [kg]	22



Holder z wyłącznikiem		
PRODUCT CODE	SP145-04-030	SP145-04-055
Max working load [kg]	13.5	25

► CERAMIC BACKINGS

With lens groove

PRODUCT CODE	Application	Package [pcs]
090-01-003	Welding flux-cored wire and solid wire	60

With trapeze groove

PRODUCT CODE	Application	Package [pcs]
090-01-004	Welding flux-cored wire	60

Round

PRODUCT CODE	Diameter Ø [mm]	Application	Package [pcs]
090-00-006	6	Welding flux-cored wire and solid wire	150
090-00-008	8		120
090-00-010	10		100
090-00-012	12		90
090-00-015	15		70
090-00-020	20		50

► CHEMICAL

Anti-spatter preparations

SPARTUS® anti-spatter is designed to protect welded surfaces and parts of welding torch (gas nozzle, contact tip etc.) against negative influence of weld spatter. It also prevents forming and sticking spatter on surface close to welded joint. Protects gas nozzle and contact tip against spatter – provides to properly covering of shielding gas. SPARTUS® anti-spatter formula is used during MIG/MAG welding, laser welding, welding, braze welding, etc. SPARTUS® anti-spatter paste prevents sticking spatter at surface of gas nozzle and contact tip. Increases torch consumable parts resistance, helps ensure right shielding gas protection for welded joint. Just dip end of the burner in paste and wait several seconds.



Anti-spatter spray		Anti-spatter liquid with spray		Anti-spatter liquid		
PRODUCT CODE	SP130-01-001	PRODUCT CODE	SP130-01-004	PRODUCT CODE	SP130-01-002	SP130-01-003
Capacity [l]	0.4	Capacity [l]	1	Capacity [l]	5	20

Anti-spatter paste

SPARTUS® anti-spatter paste prevents sticking spatter at surface of gas nozzle and contact tip. Increases torch consumable parts resistance, helps ensure right shielding gas protection for welded joint. Just dip end of the burner in paste and wait several seconds.

Anti-spatter paste	
PRODUCT CODE	SP130-01-010
Capacity [l]	0.34

Liquid and concentrate PROTEKTOR

Liquid and concentrate SPARTUS® PROTEKTOR are preparations dedicated to internal parts of gas nozzles, tools and metal surfaces. It prevents the adherence and melting into the surface of splinters during MIG/MAG welding, laser welding, brazing and bonding. Thanks to its application additional treatment is not required. The preparations do not contain any silicone. Products are a non-flammable and contain a corrosion inhibitor. The preparations contain degreasing components that dissolve oils and fats on the protected items. It mostly reduces the need to degrease the surface before further works (for example before painting or galvanizing).

Anti-spatter liquid PROTEKTOR		
PRODUCT CODE	SP130-02-002	SP130-02-003
Capacity [l]	5	20



Anti-spatter concentrate PROTEKTOR				
PRODUCT CODE	SP130-02-101	SP130-02-105	SP130-02-110	SP130-02-120
Capacity [l]	1	5	10	20

Liquid coolant HYPERCOOLANT

Liquid coolant Hypercoolant is ideal for use with water coolers. It is created on the basis of ecological propylene glycol with added suitable corrosion inhibitors. It is also electrically neutral and frost-hardy. HYPERCOOLANT is indispensable for cooling welding torches and plasma torches.

PRODUCT CODE	50001
Capacity [l]	5



Liquid to cleaning CNC tables

Substance for welding tables to prevents sticking spatter at surface. It does not cause emission of harmful substances during welding. It can also be used to welded parts (for example made of: steel, stainless steel, aluminium, galvanized elements) as anti-spatter prepare. Liquid is easy to remove (washing away) before next processes (for example: before painting elements).

PRODUCT CODE	SP130-10-000
Capacity [l]	0.5

Accessories for liquids



Container tap 20l	
PRODUCT CODE	SP130-01-101

Spray bottle	
PRODUCT CODE	SP130-01-102
Capacity [l]	0.5



ORIGINAL, POLISH TORCH TIG



Markers

PRODUCT CODE	Marker SPARTUS®
SP126-06-000	6000 white
SP126-06-001	6001 black
SP126-06-002	6002 red
SP126-06-003	6003 blue
SP126-06-004	6004 green
SP126-06-005	6005 yellow

SPARTUS® markers are designed for external use. Resistant to water, oils, paraffin, atmospheric conditions and temperatures up to 300°C. Fast-drying (up to 45 seconds), flammable only until get dry. Economical use of paint, thanks to using dosing pump. Bilateral fibrin tip allows marking surface even up to 3 mm thickness line. Ideal for use in industry.

XYLENE FREE!



Thermo-cryons

SPARTUS® thermo-crayons allow you to precisely determine temperature of treated metal. They are characterized by easy usage and wide range of available temperatures (from 45°C to 1200°C). Simply apply thermo-crayon on metal before heat treatment. After reaching specific temperature thermo-crayon will obtain liquid form. Thermo-crayons do not contain sulfur and lead.



WITHOUT SULFUR
LEAD-FREE



PRODUCT CODE	Temperature		PRODUCT CODE	Temperature		PRODUCT CODE	Temperature		PRODUCT CODE	Temperature	
	°C	°F		°C	°F		°C	°F		°C	°F
SP125-00-045	45	113	SP125-00-125	125	257	SP125-00-220	220	428	SP125-00-475	475	887
SP125-00-050	50	122	SP125-00-130	130	266	SP125-00-230	230	446	SP125-00-500	500	932
SP125-00-055	55	131	SP125-00-135	135	275	SP125-00-240	240	464	SP125-00-550	550	1022
SP125-00-060	60	140	SP125-00-140	140	284	SP125-00-250	250	482	SP125-00-600	600	1112
SP125-00-065	65	149	SP125-00-145	145	293	SP125-00-260	260	500	SP125-00-650	650	1202
SP125-00-070	70	158	SP125-00-150	150	302	SP125-00-270	270	518	SP125-00-700	700	1292
SP125-00-075	75	167	SP125-00-155	155	311	SP125-00-280	280	536	SP125-00-750	750	1382
SP125-00-080	80	176	SP125-00-160	160	320	SP125-00-290	290	554	SP125-00-800	800	1472
SP125-00-085	85	185	SP125-00-170	170	338	SP125-00-300	300	572	SP125-00-850	850	1562
SP125-00-090	90	194	SP125-00-175	175	347	SP125-00-320	320	608	SP125-00-900	900	1652
SP125-00-095	95	203	SP125-00-180	180	356	SP125-00-340	340	644	SP125-00-950	950	1742
SP125-00-100	100	212	SP125-00-185	185	365	SP125-00-360	360	680	SP125-01-000	1000	1832
SP125-00-105	105	221	SP125-00-190	190	374	SP125-00-380	380	716	SP125-01-050	1050	1922
SP125-00-110	110	230	SP125-00-195	195	383	SP125-00-400	400	752	SP125-01-100	1100	2012
SP125-00-115	115	239	SP125-00-200	200	392	SP125-00-425	425	797	SP125-01-150	1150	2102
SP125-00-120	120	248	SP125-00-210	210	410	SP125-00-450	450	842	SP125-01-200	1200	2192

COMMODITY ON ORDER

WELDING CABLE

Rubber OS



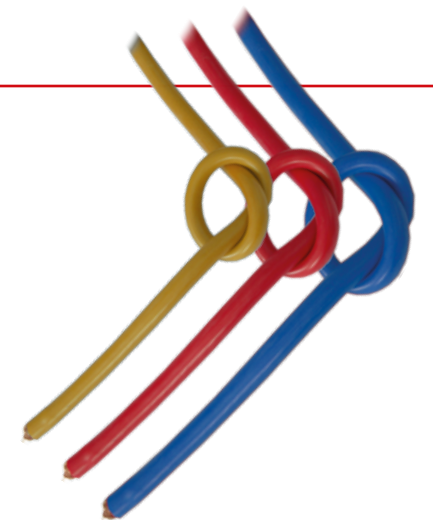
High quality welding OS cables H01N2-D. Each meter labeled, working temperature is between -20°C to 85°C. Stranded copper conductor of standard flexibility (D) is wrapped in a sheath of chloroprene rubber (N2).

	Welding cable H01N2-D					
PRODUCT CODE	SP040-0s1-016	SP040-0s1-025	SP040-0s1-035	SP040-0s1-050	SP040-0s1-070	SP040-0s1-095
Profile [mm²]	16	25	35	50	70	95
Weight [kg/1mb]	0.2	0.3	0.4	0.55	0.8	1

Silicone SUPER FLEX

SUPER FLEX welding cables due to its high flexibility, definitely improve comfort. Outer sheath is made of silicone, environmentally inert, resistant to oxidation and high temperatures (working temperature is between -50°C to 200°C). Welding cables **SUPER FLEX** are characterized by high durability and resistance to many chemicals and moisture. Ideal for use in harsh conditions.

	Welding cable silicone SUPER FLEX		
PRODUCT CODE	SP040-LGs-035	SP040-LGs-050	SP040-LGs-070
Profile [mm²]	35	50	70
Weight [kg/1mb]	0.4	0.6	0.8



ELECTRODE HOLDERS AND NOSES



PRODUCT CODE	Description
SP-160A	Electrode holder SPARTUS® 160A
SP-160A-OK	Electrode holder nose SPARTUS® 160A



PRODUCT CODE	Description
SP-200A	Electrode holder SPARTUS® 200A
SP-200A-OK	Electrode holder nose SPARTUS® 200A



PRODUCT CODE	Description
SP-300A	Electrode holder SPARTUS® 300A
SP-300A-OKG	Electrode holder upper nose SPARTUS® 300A
SP-300A-OKD	Electrode holder upper nose SPARTUS® 300A



PRODUCT CODE	Description
SP-400A	Electrode holder SPARTUS® 400A
SP-400A-OKG	Electrode holder upper nose SPARTUS® 400A
SP-400A-OKD	Electrode holder lower nose SPARTUS® 400A



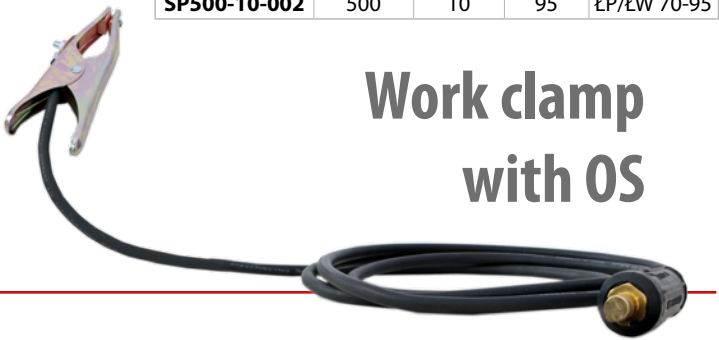
► **WELDING HOLDER MMA COMPLETE**



Elektrode holder
with OS

PRODUCT CODE	Current [A]	Length* [mm]	Profile [mm²]	Plug
SP200-03-011	200	3	25	ŁP/ŁW 10-25
SP200-05-011	200	5	35	ŁP/ŁW 10-25
SP200-10-011	200	10	35	ŁP/ŁW 10-25
SP200-03-012	200	3	25	ŁP/ŁW 35-50
SP200-05-012	200	5	35	ŁP/ŁW 35-50
SP200-10-012	200	10	35	ŁP/ŁW 35-50
SP300-03-012	300	3	35	ŁP/ŁW 35-50
SP300-05-012	300	5	50	ŁP/ŁW 35-50
SP300-10-012	300	10	50	ŁP/ŁW 35-50
SP400-03-012	400	3	50	ŁP/ŁW 50-70
SP400-05-012	400	5	70	ŁP/ŁW 50-70
SP400-10-012	400	10	70	ŁP/ŁW 50-70
SP500-03-012	500	3	70	ŁP/ŁW 70-95
SP500-05-012	500	5	95	ŁP/ŁW 70-95
SP500-10-012	500	10	95	ŁP/ŁW 70-95

PRODUCT CODE	Current [A]	Length* [mm]	Profile [mm²]	Plug
SP160-03-001	160	3	16	ŁP/ŁW 10-25
SP160-05-001	160	5	16	ŁP/ŁW 10-25
SP160-10-001	160	10	25	ŁP/ŁW 10-25
SP200-03-001	200	3	25	ŁP/ŁW 10-25
SP200-05-001	200	5	35	ŁP/ŁW 10-25
SP200-10-001	200	10	35	ŁP/ŁW 10-25
SP200-03-002	200	3	25	ŁP/ŁW 35-50
SP200-05-002	200	5	35	ŁP/ŁW 35-50
SP200-10-002	200	10	35	ŁP/ŁW 35-50
SP300-03-002	300	3	35	ŁP/ŁW 35-50
SP300-05-002	300	5	50	ŁP/ŁW 35-50
SP300-10-002	300	10	50	ŁP/ŁW 35-50
SP400-03-002	400	3	50	ŁP/ŁW 50-70
SP400-05-002	400	5	70	ŁP/ŁW 50-70
SP400-10-002	400	10	70	ŁP/ŁW 50-70
SP500-03-002	500	3	70	ŁP/ŁW 70-95
SP500-05-002	500	5	95	ŁP/ŁW 70-95
SP500-10-002	500	10	95	ŁP/ŁW 70-95



Work clamp
with OS



Elektrode holder
with
SUPER FLEX

PRODUCT CODE	Current [A]	Length* [mm]	Plug	Colour
SP200-03-F12	200	3	ŁP/ŁW 35-50	yellow
SP200-05-F12	200	5	ŁP/ŁW 35-50	yellow
SP200-10-F12	200	10	ŁP/ŁW 35-50	yellow
SP300-03-F12	300	3	ŁP/ŁW 35-50	red
SP300-05-F12	300	5	ŁP/ŁW 35-50	red
SP300-10-F12	300	10	ŁP/ŁW 35-50	red
SP400-03-F12	400	3	ŁP/ŁW 50-70	blue
SP400-05-F12	400	5	ŁP/ŁW 50-70	blue
SP400-10-F12	400	10	ŁP/ŁW 50-70	blue

PRODUCT CODE	Current [A]	Length* [mm]	Plug	Colour
SP200-03-F02	200	3	ŁP/ŁW 35-50	yellow
SP200-05-F02	200	5	ŁP/ŁW 35-50	yellow
SP200-10-F02	200	10	ŁP/ŁW 35-50	yellow
SP300-03-F02	300	3	ŁP/ŁW 35-50	red
SP300-05-F02	300	5	ŁP/ŁW 35-50	red
SP300-10-F02	300	10	ŁP/ŁW 35-50	red
SP400-03-F02	400	3	ŁP/ŁW 50-70	blue
SP400-05-F02	400	5	ŁP/ŁW 50-70	blue
SP400-10-F02	400	10	ŁP/ŁW 50-70	blue



Work clamp
with
SUPER FLEX

* It is possible to make a MMA welding holder of any length.

► **EARTH CLAMPS**

Earth clamp 200A TYPII
PRODUCT CODE 030-02-200

Earth clamp 300A TYPI
PRODUCT CODE 030-01-300

Earth clamp 400A TYPI
PRODUCT CODE 030-01-400

Earth clamp 500A TYPI
PRODUCT CODE 030-01-500

Earth clamp 300A TYPII
PRODUCT CODE 030-02-300

Earth clamp 400A TYPII
PRODUCT CODE 030-02-400

Earth clamp 500A TYPII
PRODUCT CODE 030-02-500

► **SCREW CLAMPS**

Screw clamp 300A
PRODUCT CODE 030-12-300

Screw clamp 500A
PRODUCT CODE 030-12-500

Screw clamp 600A TYPI
PRODUCT CODE 030-11-601

Screw clamp 600A TYPII
PRODUCT CODE 030-11-603



▶ MALE CABLE CONNECTORS



Cable connector (10-25)
PRODUCT CODE
020-01-025

Cable connector (35-50)
PRODUCT CODE
020-01-050

Cable connector (50-70)
PRODUCT CODE
020-01-070

Cable connector (70-95)
(two screws)
PRODUCT CODE
020-01-095

▶ FEMALE CABLE CONNECTORS



Cable connector (10-25)
PRODUCT CODE
020-02-025

Cable connector (35-50)
PRODUCT CODE
020-02-050

Cable connector (50-70)
PRODUCT CODE
020-02-070

Cable connector (70-95)
(two screws)
PRODUCT CODE
020-02-095

▶ MACHINE CABLE CONNECTOR



Cable connector
„female“ (10-25)
PRODUCT CODE
020-11-025

Cable connector
„female“ (35-50)
PRODUCT CODE
020-11-050

Cable connector
„female“ (50-70)
PRODUCT CODE
020-11-070

Cable connector
„female“ (70-95)
PRODUCT CODE
020-11-095

Cable connector
„male“ (50-70)
PRODUCT CODE
020-12-070

▶ PINCERS



Universal pincer 7"
PRODUCT CODE 095-07-001

Universal pincer 8"
PRODUCT CODE 095-08-001



Hand Installation Pincers OETIKER® to ear clamps
PRODUCT CODE 0T14100386



Hand Installation Pincers OETIKER® to ear clamps
PRODUCT CODE 0T14100387

▶ EAR CLAMPS

RER



100



100



GER

PRODUCT GROUP 154 clamp with one ear and insert, stainless steel		
PRODUCT CODE	Nr ref.	Range [mm]
RER05.6	15400064	4.2 – 5.2
RER06.1	15400014	4.7 – 5.7
RER06.6	15400015	5.2 – 6.2
RER07.0	15400016	5.6 – 6.5
RER07.5	15400017	5.9 – 7.0
RER08.0	15400018	6.3 – 7.5
RER08.3	15400019	6.6 – 7.8
RER08.7	15400020	7.0 – 8.2
RER09.0	15400021	7.0 – 8.5
RER09.5	15400022	7.5 – 9.0
RER10.0	15400023	8.0 – 9.5
RER10.5	15400024	8.5 – 10.0
RER11.0	15400025	8.8 – 10.5
RER11.3	15400026	9.1 – 10.8
RER11.8	15400027	9.6 – 11.3
RER12.0	15400028	9.5 – 11.5
RER12.8	15400030	10.3 – 12.3
RER13.3	15400031	10.6 – 12.6
RER13.8	15400032	11.1 – 13.1
RER14.0	15400033	11.2 – 13.3
RER14.5	15400034	11.8 – 13.8
RER15.0	15400035	12.3 – 14.3
RER15.5	15400036	12.8 – 14.8
RER16.0	15400037	13.1 – 15.3
RER16.5	15400038	13.2 – 15.8
RER16.8	15400039	13.9 – 16.1
RER17.5	15400040	14.6 – 16.8
RER18.5	15400041	15.6 – 17.8
RER19.5	15400042	16.5 – 18.8
RER20.7	15400044	17.1 – 20.0

PRODUCT GROUP 167 clamp StepLess® with one ear, stainless steel		
PRODUCT CODE	Nr ref.	Range [mm]
GER07.0	16700001	5.8 – 7.0
GER08.0	16700002	6.8 – 8.0
GER08.7	16700003	7.0 – 8.7
GER09.0	16702491	7.3 – 9.0
GER09.5	16700004	7.8 – 9.5
GER10.0	16700005	8.3 – 10.0
GER10.5	16700006	8.8 – 10.5
GER11.3	16700007	9.6 – 11.3
GER12.3	16700009	9.8 – 12.3
GER12.8	16702493	10.3 – 12.8
GER13.3	16700010	10.8 – 13.3
GER13.8	16700011	11.3 – 13.8
GER14.0	16700012	11.5 – 14.0
GER14.5	16700013	12.0 – 14.5
GER15.3	16700015	12.8 – 15.3
GER15.7	16700016	13.2 – 15.7
GER16.0	16702998	13.5 – 16.0
GER16.6	16702495	14.1 – 16.6
GER17.0	16700017	14.5 – 17.0
GER17.5	16702497	15.0 – 17.5
GER18.5	16700020	15.3 – 18.5
GER21.0	16700024	17.8 – 21.0

Other sizes available on request.



▶ CLAMPS



Worm drive clamps

W2

tape and body: stainless steel
screw with hexagonal head: steel, galvanized steel



100

PRODUCT GROUP 126 – W2		
PRODUCT CODE	Nr ref.	Range [mm]
OT126-W2-008.16	12600451	8 – 16
OT126-W2-012.20	12600452	12 – 20
OT126-W2-016.25	12600453	16 – 25
OT126-W2-020.32	12600454	20 – 32

W4

all the elements: stainless steel



100

PRODUCT GROUP 177 – W4		
PRODUCT CODE	Nr ref.	Range [mm]
OT177-W4-008	17700188	8 – 12
OT177-W4-008.16	17700512	8 – 16
OT177-W4-010	17700189	10 – 16
OT177-W4-012.20	17700513	12 – 20
OT177-W4-012	17700191	12 – 22
OT177-W4-016.25	17700516	16 – 25
OT177-W4-020.32	17700517	20 – 32

2-ear clamps



PRODUCT CODE	Range [mm]
OT10100011	8.1 – 11
OT10100022	14 – 17
OT10100027	16.2 – 20
OT10100032	21 – 25

▶ OXY-PROPANE CUTTING HAND TORCH NOZZLES



for the hand torch

two pieces

PRODUCT CODE	Nr ref.	Nozzle size	Thickness of cutting [mm]
062-RS-000P	6290NX	000	0 – 5
062-RS-00P	6290NX	00	5 – 10
062-RS-0P	6290NX	0	10 – 15
062-RS-1P	6290NX	1	15 – 25
062-RS-2P	6290NX	2	25 – 50
062-RS-3P	6290NX	3	50 – 100
062-RS-4P	6290NX	4	100 – 175
062-RS-5P	6290NX	5	175 – 250
062-RS-6P	6290NX	6	250 – 300



for the hand torch

two pieces

PRODUCT CODE	Nr ref.	Nozzle size	Thickness of cutting [mm]
062-RP-1P	6290NFF	1	15 – 25
062-RP-2P	6290NFF	2	25 – 50
062-RP-3P	6290NFF	3	50 – 100
062-RP-4P	6290NFF	4	100 – 175
062-RP-5P	6290NFF	5	175 – 250
062-RP-6P	6290NFF	6	250 – 300



for the hand torch

gouging

PRODUCT CODE	Nr ref.	Nozzle size	Thickness of cutting [mm]
062-RZ-1P	6290GG	1	3 – 6
062-RZ-2P	6290GG	2	5 – 10
062-RZ-3P	6290GG	3	6 – 13

for the superheating

PRODUCT CODE	Nr ref.	Nozzle size
022-PW-1P	2290H	1
022-PW-2P	2290H	2
022-PW-3P	2290H	3
022-PW-4P	2290H	4
022-PW-5P	2290H	5

for the machine torch

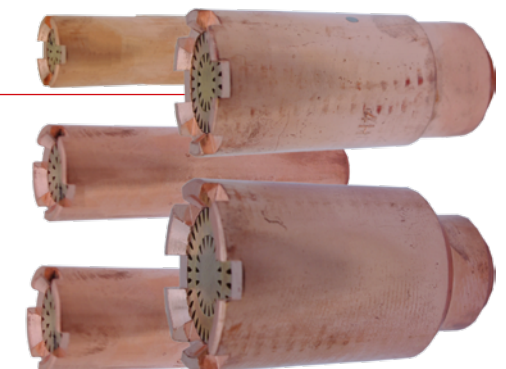
two pieces

PRODUCT CODE	Nr ref.	Nozzle size	Thickness of cutting [mm]
062-MP-00000P	6290VVC	00000	1 – 4
062-MP-0000P	6290VVC	0000	4 – 6
062-MP-000P	6290VVC	000	6 – 9
062-MP-00P	6290VVC	00	9 – 12.5
062-MP-0P	6290VVC	0	12.5 – 20
062-MP-05P	6290VVC	½	20 – 35
062-MP-1P	6290VVC	1	35 – 60
062-MP-15P	6290VVC	1 ½	60 – 75
062-MP-2P	6290VVC	2	75 – 125
062-MP-25P	6290VVC	2 ½	125 – 150
062-MP-3P	6290VVC	3	150 – 175
062-MP-4P	6290VVC	4	175 – 200
062-MP-5P	6290VVC	5	200 – 225
062-MP-55P	6290VVC	5 ½	225 – 250

for the machine torch

two pieces

PRODUCT CODE	Nr ref.	Nozzle size	Thickness of cutting [mm]
062-MP-6P	6290NH	6	250 – 275
062-MP-7P	6290NH	7	275 – 300
062-MP-8P	6290NH	8	300 – 380



► PLUG CONNECTORS AND RECEPTACLE CONNECTORS



Plug connector (male/cable)		
PRODUCT CODE	Nr ref.	Type
001-03-001	T3008 002	3-pins T
001-05-001	T3012 002	5-pins T
001-07-001	T3464 002	7-pins T



Receptacle connector (female/cable)		
PRODUCT CODE	Nr ref.	Type
001-03-002	T3009 002	3-pins T
001-05-002	T3013 002	5-pins T

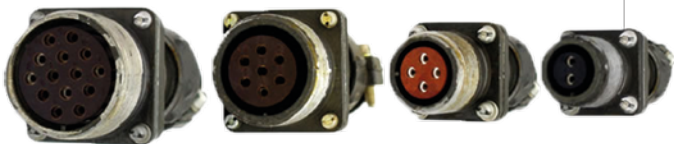


Receptacle connector (female/machine)		
PRODUCT CODE	Nr ref.	Type
001-03-012	T3011 000	3-pins T
001-05-012	T3015 000	5-pins T



Plug connector (male/cable)		
PRODUCT CODE	Nr ref.	Type
003-02-001	SzR16P2NG5	2-pins SzR
003-04-001	SzR20P4NG4	4-pins SzR
003-07-001	SzR28P7NG9	7-pins SzR
003-14-001	SzP32P14NG5	14-pins SzR

Receptacle connector (female/cable)		
PRODUCT CODE	Nr ref.	Type
003-02-002	SzR16PK2EG5	2-pins SzR
003-04-002	SzR20PK4EG4	4-pins SzR
003-07-002	SzR28PK7NG9	7-pins SzR
003-14-002	SzR32PK14EG5	14-pins SzR



Plug connector (female/cable)		
PRODUCT CODE	Nr ref.	Type
003-02-003	SzR16P2NSZ5	2-pins SzR
003-04-003	SzR20P4NSZ4	4-pins SzR
003-07-003	SzR28P7NSZ9	7-pins SzR
003-14-003	SzR32P14NSZ5	14-pins SzR

Receptacle connector (male/machine)		
PRODUCT CODE	Nr ref.	Type
003-04-011	SzR20P4ESZ4	4-pins SzR
003-07-011	SzR28P7ESZ9	7-pins SzR
003-14-011	SzR32P14ESZ5	14-pins SzR



Receptacle connector (female/machine)		
PRODUCT CODE	Nr ref.	Type
003-02-012	SzR16P2EG5	2-pins SzR
003-04-012	SzR20P4EG4	4-pins SzR
003-07-012	SzR28P7EG9	7-pins SzR
003-14-012	SzR32P14EG5	14-pins SzR



Plug connector (male/cable)		
PRODUCT CODE	Nr ref.	Type
002-02-001	3106A-12S-3P + 9730571004	2-pins Amph
002-04-001	3106A-18-4P + 9730571010	4-pins Amph
002-07-001	3106A-16S-1P + 9730571008	7-pins Amph
002-10-001	3106A-18-1P + 9730571010	10-pins Amph
002-14-001	3106A-20-27P + 9730571012	14-pins Amph
002-14-001CNC	182649-1 + 182655-1	14-pins Amph SPARTUS®

Receptacle connector (female/cable)		
PRODUCT CODE	Nr ref.	Type
002-04-002	3101A-18-4S + 9730571010	4-pins Amph
002-07-002	3101A-16S-1S + 9730571008	7-pins Amph
002-10-002	3101A-18-1S + 9730571010	10-pins Amph
002-14-002	3101A-20-27S + 9730571012	14-pins Amph



Plug connector (female/cable)		
PRODUCT CODE	Nr ref.	Type
002-04-003	3106A-18-4S + 9730571010	4-pins Amph
002-07-003	3106A-16S-1S + 9730571008	7-pins Amph
002-10-003	3106A-18-1S + 9730571010	10-pins Amph
002-14-003	3106A-20-27S + 9730571012	14-pins Amph

Receptacle connector (male/machine)		
PRODUCT CODE	Nr ref.	Type
002-04-011	3102A-18-4P	4-pins Amph
002-10-011	3102A-18-1P	10-pins Amph
002-14-011	3102A-20-27P	14-pins Amph



Receptacle connector (female/machine)		
PRODUCT CODE	Nr ref.	Type
002-04-012	3102A-18-4S	4-pins Amph
002-10-012	3102A-18-1S	10-pins Amph
002-14-012	3102A-20-27S	14-pins Amph
002-14-012CNC	182641-1	14-pins Amph SPARTUS®



Plug connector (male/cable) 9-pins FRONIUS®	
PRODUCT CODE	
005-09-001	



Plug connector (female/cable) 9-pins FRONIUS®	
PRODUCT CODE	
005-09-002	

2-pins	
	
004-02-001	004-02-012
Plug connector (male/cable)	Receptacle connector (female/machine)

2-pins	
	
006-02-001	
Plug connector (female/cable) MAGNUM®/SHERMAN®	

3-pins	
	
004-03-001	004-03-012
Plug connector (male/cable)	Receptacle connector (female/machine)

4-pins		
		
004-04-001	004-04-002	004-04-012
Plug connector (male/cable)	Plug connector (female/cable)	Receptacle connector (female/machine)

5-pins

004-05-001
Plug connector (male/cable)

9-pins

004-09-001
Plug connector (male/cable)

12-pins		
		
004-12-001	004-12-002	004-12-012
Plug connector (male/cable)	Receptacle connector (male/cable)	Receptacle connector (female/machine)

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▶ QUICK-RELEASE COUPLINGS

TYPE 21	PRODUCT CODE	DESCRIPTION
	060-10-04S	Male plug TYPE21 hose connection 4 mm
	060-10-06S	Male plug TYPE21 hose connection 6 mm
	060-10-08S	Male plug TYPE21 hose connection 8 mm
	060-10-10S	Male plug TYPE21 hose connection 10 mm
	060-01-06B	Female quick coupler TYPE21 hose connection 6 mm (blue)
	060-01-06N	Female quick coupler TYPE21 hose connection 6 mm (neutral)
	060-01-06R	Female quick coupler TYPE21 hose connection 6 mm (red)
	060-01-08B	Female quick coupler TYPE21 hose connection 8 mm (blue)
	060-01-08N	Female quick coupler TYPE21 hose connection 8 mm (neutral)
	060-01-08R	Female quick coupler TYPE21 hose connection 8 mm (red)
	060-01-10N	Female quick coupler TYPE21 hose connection 10 mm (neutral)
	060-02-18B	Female quick coupler TYPE21 with external thread 1/8" (blue)
	060-02-18N	Female quick coupler TYPE21 with external thread 1/8" (neutral)
	060-02-18R	Female quick coupler TYPE21 with external thread 1/8" (red)
	060-03-12N	Female quick coupler TYPE21 with cap M12x1 mm
	060-03-14N	Female quick coupler TYPE21 with cap 1/4"
	060-03-18N	Female quick coupler TYPE21 with cap 1/8"
	060-03-38N	Female quick coupler TYPE21 with cap 3/8"
	060-04-06N	Female quick coupler TYPE21 hose connection 6 mm (neutral)
	060-04-08N	Female quick coupler TYPE21 hose connection 8 mm (neutral)

▶ NUTS, NIPPLES, HOSE TAILS AND HOSE REPAIRERS

THREADED NUT	PRODUCT CODE	Thread
	070-14-001R	1/4" <i>right</i>
	070-38-001R	3/8" <i>right</i>

THREADED NUT	PRODUCT CODE	Thread
	070-14-001L	1/4" <i>left</i>
	070-38-001L	3/8" <i>left</i>

NIPPLE	PRODUCT CODE	Thread
	070-14-14RR	1/4" x 1/4" <i>right x right</i>
	070-14-14LR	1/4" x 1/4" <i>left x right</i>
	070-14-14LL	1/4" x 1/4" <i>left x left</i>
	070-38-38RR	3/8" x 3/8" <i>right x right</i>
	070-38-38LR	3/8" x 3/8" <i>left x right</i>
	070-38-38LL	3/8" x 3/8" <i>left x left</i>

NIPPLE reducing	PRODUCT CODE	Thread
	070-14-38RR	1/4" x 3/8" <i>right x right</i>

HOSE TAIL	PRODUCT CODE	Gas	Profile [mm]
	072-01-001	oxygen	6.3
	072-01-002	acetylene	8

HOSE REPAIRER	PRODUCT CODE	Gas	Profile [mm]
	072-02-001	oxygen	6.3
	072-02-002	acetylene	8

► HOSES

Propane-butane hose – orange



RESISTANT TO: turning
changing of diameter
low temperature

PRODUCT CODE	Inner diameter [mm]	Max. working pressure [bar]	Length [m]
PR09-25P	9	10	25
PR09-50P			50



PCV hoses



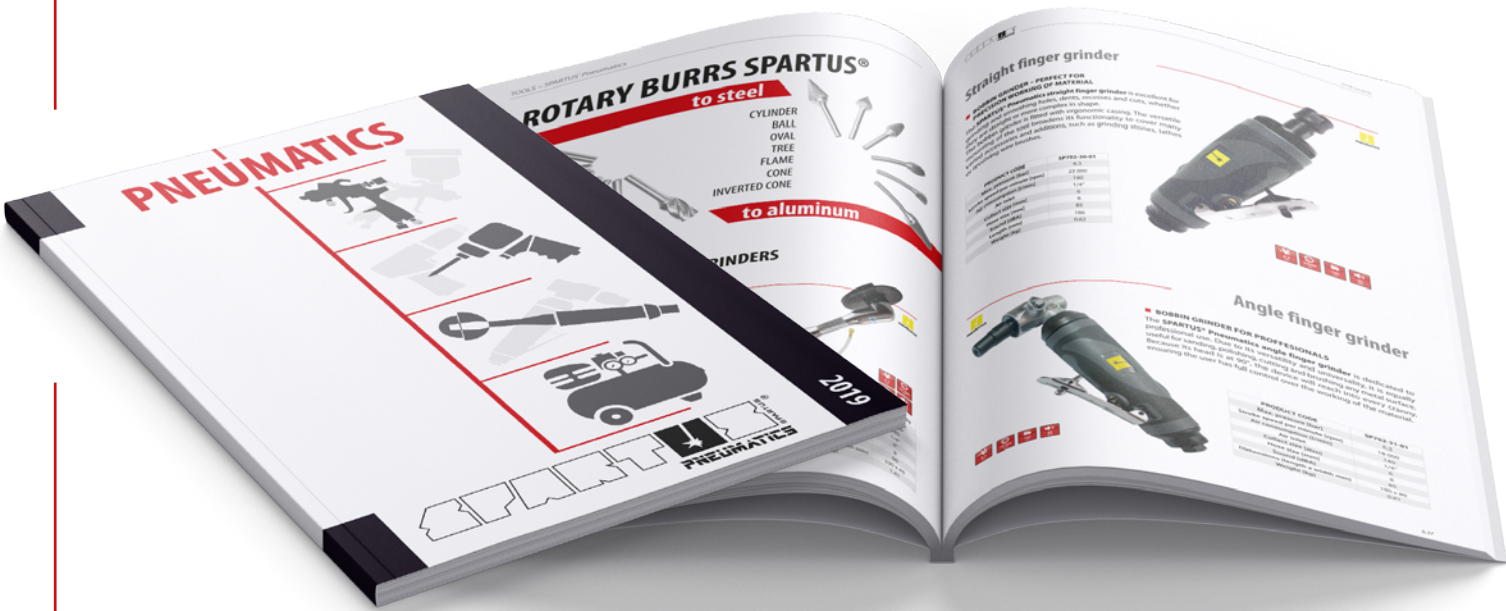
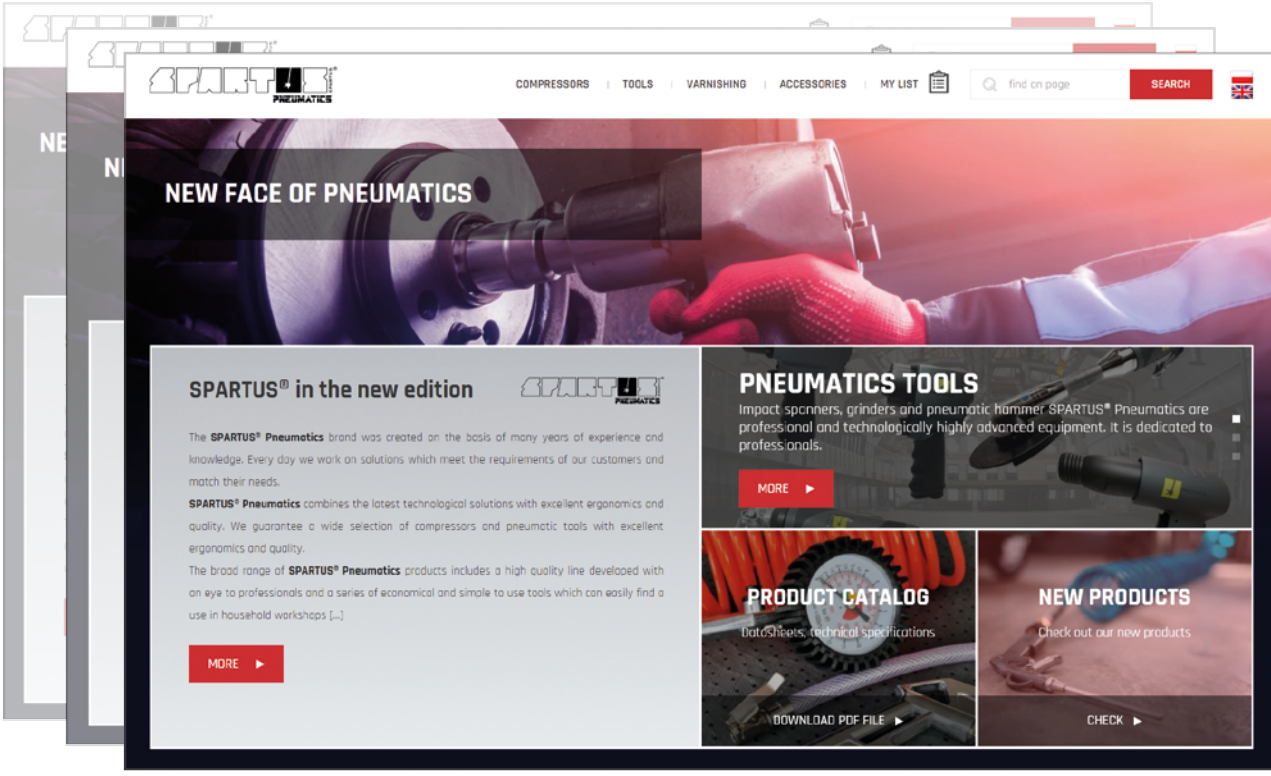
PRODUCT CODE	PCV hose	Diameter (mm)	Length [m]
CR05-08N	blue	5x8	100
CR05-08C	red	5x8	100
CR05-08B	black	5x8	100
CR05-08T	transparent	5x8	100



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product catalogue



► CONNECTION CABLE SETS



PRODUCT CODE	Length [m]	Connection
PZ400- 5-1ESB	5	ESAB® Origo MIG 430
PZ400-10-1ESB	10	
PZ400-15-1ESB	15	
PZ400-20-1ESB	20	
PZ400-25-1ESB	25	
PZ400- 5-1BST	5	BESTER® MAGSTER 380
PZ400- 10-1BST	10	
PZ400- 15-1BST	15	
PZ400- 20-1BST	20	
PZ400- 25-1BST	25	
PZ400- 5-1LIN	5	LINCOLN® CV 420 / Powertec 425
PZ400- 10-1LIN	10	
PZ400- 15-1LIN	15	
PZ400- 20-1LIN	20	
PZ400- 25-1LIN	25	
PZ400-5-1KMP	5	KEMPPPI® Kempomig-4000*
PZ400-10-1KMP	10	
PZ400-15-1KMP	15	
PZ400-20-1KMP	20	
PZ400-25-1KMP	25	

* also for devices: Kempoweld®-4200 i Fastmig™ KM-400

PRODUCT CODE	Length [m]	Connection
PZ400W- 5-1ESB	5	ESAB® Origo MIG 430W
PZ400W-10-1ESB	10	
PZ400W-15-1ESB	15	
PZ400W-20-1ESB	20	
PZ400W-25-1ESB	25	
PZ500W- 5-1ESB	5	ESAB® Origo MIG 510W
PZ500W-10-1ESB	10	
PZ500W-15-1ESB	15	
PZ500W-20-1ESB	20	
PZ500W-25-1ESB	25	
PZ400W-5-1BST	5	BESTER® MAGSTER 380W
PZ400W-10-1BST	10	
PZ400W-15-1BST	15	
PZ400W-20-1BST	20	
PZ400W-25-1BST	25	
PZ500-5-1BST	5	BESTER® MAGSTER 450W
PZ500-10-1BST	10	
PZ500-15-1BST	15	
PZ500-20-1BST	20	
PZ500-25-1BST	25	

PRODUCT CODE	Length [m]	Connection
PZ400W-5-1LIN	5	LINCOLN® CV 420 / Powertec 425W
PZ400W-10-1LIN	10	
PZ400W-15-1LIN	15	
PZ400W-20-1LIN	20	
PZ400W-25-1LIN	25	
PZ500W-5-1LIN	5	LINCOLN® CV 420 / Powertec 505W
PZ500W-10-1LIN	10	
PZ500W-15-1LIN	15	
PZ500W-20-1LIN	20	
PZ500W-25-1LIN	25	
PZ400W-5-1KMP	5	KEMPPPI® Kempomig-4000W*
PZ400W-10-1KMP	10	
PZ400W-15-1KMP	15	
PZ400W-20-1KMP	20	
PZ400W-25-1KMP	25	
PZ500W-5-1KMP	5	KEMPPPI® Kempomig-5200W**
PZ500W-10-1KMP	10	
PZ500W-15-1KMP	15	
PZ500W-20-1KMP	20	
PZ500W-25-1KMP	25	

* also for devices: Kempoweld®-4200W i Fastmig™ KM-400W

** also for devices: Kempoweld®-4200/5500W i Fastmig™ KM-500W

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