

# ***MIG/MAG TORCH ACCESSORIES***



# MIG / MAG torch

## Torch SMB 15 gas-cooled

Technical data:		
Current max.	180 A (DC)	150 A (AC)
DC/AC duty cycle	60%	
Cooling	gas-cooled	
Electrode diameter	0.6 – 1.0 mm	
Contact tip	M6	
Connection	Euro central connection	
Gas flow	10– 15 l/min	
Original equipment contact tip	Steel, 0.8 mm	
Torch neck	45°	

Art. no.	Designation
1090153	MIG/MAG torch SMB 15, 3 m
1090154	MIG/MAG torch SMB 15, 4 m
1090155	MIG/MAG torch SMB 15, 5 m



	Art. no.	Designation	PU <sup>(1)</sup>
	1091600	<b>Wear parts set SMB 15</b> 1 x gas nozzle carrier 2 x retaining spring 10 x contact tip 0.8 mm 10 x contact tip 1.0 mm 2 x gas nozzle, conical 1 x gas nozzle, cylindrical	1
	1091601	Torch neck	1
	1091602	Gas nozzle carrier	10
	1091603	Retaining spring	10
	1091604	Contact tip M6 / 25 mm / Ø 0.6 mm	10
	1091605	Contact tip M6 / 25 mm / Ø 0.8 mm	10
	1091606	Contact tip M6 / 25 mm / Ø 1.0 mm	10
	1091607	Contact tip aluminium M6 / 25 mm / Ø 1.0 mm	10
	1091608	Conical gas nozzle	10
	1091609	Cylindrical gas nozzle	10
	1091610	Point gas nozzle	10
	1091612	Handle shell	1
	1091613	Pushbutton	1
	1091616	Anti-kink spring	1
	1091617	Kink protection on the machine side	1
	1091650	Blue guide spiral Ø 0.6 - 0.9 mm / 3.0 m (for torch SMB 15, 3 m)	1
	1091651	Blue guide spiral Ø 0.6 - 0.9 mm / 4.0 m (for torch SMB 15, 4 m)	1
	1091652	Blue guide spiral Ø 0.6 - 0.9 mm / 5.0 m (for torch SMB 15, 5 m)	1

Guide spirals/Teflon cores see page 37




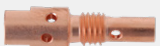
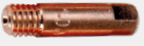


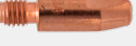







(1) PU = quantity in pieces per packaging unit. Purchase only possible in PUs

## Torch SMB 25 gas-cooled

Technical data:	
Current max.	230 A (DC)      200 A (AC)
DC/AC duty cycle	60%
Cooling	gas-cooled
Electrode diameter	0.8 – 1.2
Contact tip	M6
Connection	Euro central connection
Gas flow	10– 15 l/min
Original equipment contact tip	Steel, 1.0 mm
Torch neck	45°

Art. no.	Designation
1090253	MIG / MAG torch
1090254	MIG/MAG torch SMB 25, 4 m
1090255	MIG/MAG torch SMB 25, 5 m



	Art. no.	Designation	PU <sup>(1)</sup>
	1092700	<b>Wear parts set SMB 25</b> 2 x nozzle holder 3 x retaining spring 10 x contact tip 0.8 mm 10 x contact tip 1.0 mm 2 x gas nozzle, conical 1 x gas nozzle, cylindrical	1
	1092701	Torch neck	1
	1092702	Retaining spring SMB 25	10
	1092703	Nozzle holder	10
	1092704	Contact tip M6 / 28 mm / Ø 0.8 mm	10
	1092705	Contact tip M6 / 28 mm / Ø 1.0 mm	10
	1092706	Contact tip M6 / 28 mm / Ø 1.2 mm	10
	1092707	Contact tip aluminium M6 / 28 mm / Ø 1.0 mm	10
	1092708	Contact tip aluminium M6 / 28 mm / Ø 1.2 mm	10
	1092709	2 x gas nozzle, conical	10
	1092710	Cylindrical gas nozzle	10
	1092711	Point gas nozzle	10
	1091612	Handle shell	1
	1091613	Pushbutton	1
	1091650	Blue guide spiral Ø 0.6 - 0.9 mm / 3.0 m (for torch SMB 25, 3 m)	1
	1091651	Blue guide spiral Ø 0.6 - 0.9 mm / 4.0 m (for torch SMB 25, 4 m)	1
	1091652	Blue guide spiral Ø 0.6 - 0.9 mm / 5.0 m (for torch SMB 25, 5 m)	1

Guide spirals/Teflon cores see page 37

(1) PU = quantity in pieces per packaging unit. Purchase only possible in PUs

# MIG / MAG torch







## Torch SMB 25 Flex **gas-cooled**

<b>Model</b>	<b>SMB 25 Flex</b>
Art. no.	1092524
<b>Technical data:</b>	
Shielding gas	CO2, mixed gas
Welding current CO2	230 A
Welding current Mixed gas	200 A
DC/AC duty cycle	60 %
<b>Cooling</b>	<b>gas-cooled</b>
Electrode diameter	0.8 – 1.2 mm
Contact tip	M6
Connection	Euro-ZA
Original equipment contact tip	Steel, 1.0 mm
Torch neck	flexible

Flexible torch neck



Art. no.	Wear parts
1092707	Contact tip aluminium 1.0 mm SMB 25 / 36
1092549	Contact tip Cu for Al M6 / 28 mm / Ø 1,2 mm

	Art. no.	Designation	PU <sup>(1)</sup>
	1092707	Contact tip aluminium 1.0 mm SMB 25 / 36	10
	1092549	Contact tip M6 Ø 1.2 mm /28 mm	10
	1092560	Nozzle holder M6	10
	1092552	Point gas nozzle	10
	1092550	Gas nozzle, conical, Ø 14.5 mm/57 mm	10
	1092552	Point gas nozzle	10








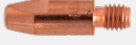






Guide spirals/Teflon cores see page 37

## Torch SMB 36 gas-cooled

Technical data:		
Current max.	320 A (DC)	290 A (AC)
DC/AC duty cycle	60%	
Electrode diameter	0.8 – 1.2 mm	
Contact tip	M6 / M8	
Connection	Euro central connection	
Gas flow	10 – 20 l/min	
Original equipment contact tip	Steel, 1.2 mm	
Torch neck	50°	



Art. no.	Designation
1090363	SMB 36/3 m with pushbutton
1090364	SMB 36/4 m with pushbutton
1090365	SMB 36/5 m with pushbutton

	Art. no.	Designation	PU <sup>(1)</sup>
	1093670	<b>Wear parts set SMB 36</b> 2 x nozzle holder 2 x gas distributors 5 x contact tip 0.8 mm 5 x contact tip 1.0 mm 5 x contact tip 1.2 mm 4 x gas nozzle, conical 1 x gas nozzle, cylindrical	1
	1093671	Torch neck	1
	1093672	Nozzle holder	
	1093673	Gas distributor	
	1092704	Contact tip M6 / 28 mm / Ø 0.8 mm	10
	1092705	Contact tip M6 / 28 mm / Ø 1.0 mm	10
	1092706	Contact tip M6 / 28 mm / Ø 1.2 mm	10
	1092707	Contact tip aluminium M6 / 28 mm / Ø 1.0 mm	10
	1092708	Contact tip aluminium M6 / 28 mm / Ø 1.2 mm	10
	1092710	Cylindrical gas nozzle	10
	1091612	Handle shell	1
	1091613	Pushbutton	1
	1092750	Blue guide spiral Ø 1.0 - 1.2 mm / 3.0 m (for torch SMB 36, 3 m)	1
	1092751	Blue guide spiral Ø 1.0 - 1.2 mm / 4.0 m (for torch SMB 36, 4 m)	1
	1092752	Blue guide spiral Ø 1.0 - 1.2 mm / 5.0 m (for torch SMB 36, 5 m)	1
	1093695	Blue guide spiral Ø 1.6 mm / 3.0 m (for torch SMB 36, 3 m)	1
	1093696	Blue guide spiral Ø 1.6 mm / 4.0 m (for torch SMB 36, 4 m)	1
	1093697	Blue guide spiral Ø 1.6 mm / 5.0 m (for torch SMB 36, 5 m)	1

Guide spirals/Teflon cores see page 37







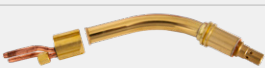



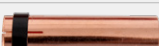


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## Torch SMB 400 water-cooled

Technical data:		
Current max.	400 A (DC)	350 A (AC)
DC/AC duty cycle	100%	
Electrode diameter	0.8 – 1.2	
Contact tip	M6	
Connection	Euro central connection	
Gas flow	10 – 20 l/min	
Original equipment contact tip	Steel, 1.2 mm	
Torch neck	50°	



Art. no.	Designation
1090403	SMB 400/3 m with pushbutton
1090404	SMB 400/4 m with pushbutton
1090405	SMB 400/5 m with pushbutton

	Art. no.	Designation	PU <sup>(1)</sup>
	1094100	<b>Wear parts set SMB 400</b> 2 x nozzle holder 3 x gas distributors 5 x contact tip 1.0 mm 5 x contact tip 1.2 mm 4 x gas nozzle, conical 1 x gas nozzle, cylindrical	1
	1094105	Contact tip M8 / 30 mm / Ø 0.8 mm	10
	1094106	Contact tip 1.0 mm	10
	1094107	Contact tip 1.2 mm	10
	1094108	Aluminium contact tip 1.0 mm	10
	1094109	Aluminium contact tip 1.2 mm	10
	1094101	Torch neck SMB 36	10
	1094103	Nozzle holder	10
	1094104	Gas distributor	10
	1094110	Conical gas nozzle Ø 16.0 / 76 mm	1
	1094111	Cylindrical gas nozzle Ø 19.0 / 76 mm	1
	1094112	Point gas nozzle	1
	1094150	Blue guide spiral 3.0 m 0.6 – 0.9 mm (for torch SMB 400, 3 m)	1
	1094151	Blue guide spiral 4.0 m 0.6 – 0.9 mm (for torch SMB 400, 4 m)	1
	1094152	Blue guide spiral 5.0 m 0.6 – 0.9 mm (for torch SMB 400, 5 m)	1

Guide spirals/Teflon cores see page 37

# MIG / MAG torch accessories

## INTERIOR AND GUIDE SPIRALS

	Art. no.
Guide spirals with retaining nipple and O-ring recommended for steel and stainless steel	
<b>Blue insulated 1.5/4.5; for Ø 0.6 - 0.8 mm</b>	<b>SMB 15-36</b>
3.0 m	1051573
4.0 m	1051574
5.0 m	1051575
<b>Red insulated 2.0/4.5; for Ø 1.0 - 1.2 mm</b>	<b>SMB 15-36</b>
3.0 m	1052576
4.0 m	1052577
5.0 m	1052578
<b>Blank 2.0/4.5; for Ø 1.0 - 1.2 mm</b>	<b>SMB 400</b>
3.0 m	1054073
4.0 m	1054074
5.0 m	1054075
<b>Blue insulated 0.6 - 0.9 mm</b>	<b>SMB 15</b>
3.0 m	1091650
4.0 m	1091651
5.0 m	1091652
<b>Blue 1.0 - 1.2 mm</b>	<b>SMB 25</b>
3.0 m	1092750
4.0 m	1092751
5.0 m	1092752
<b>Blue 1.6 mm</b>	<b>SMB 36</b>
3.0 m	1093695
4.0 m	1093696
5.0 m	1093697
<b>Blue 1.0 - 1.2 mm</b>	<b>SMB 400</b>
3.0 m	1094150
4.0 m	1094151
5.0 m	1094152

## TEFLON CORES

	Art. no.
with retaining nipple and O-ring recommended for non-ferrous metals such as aluminium, Cu and CuSi	
<b>Blue 1.5/4.0; for Ø 0.8 - 1.0 mm</b>	<b>SMB 25-36</b>
3.0 m	1051593
4.0 m	1051594
5.0 m	1051595
<b>Red 2.0/4.0; for Ø 1.0 - 1.2 mm</b>	<b>SMB 25-36</b>
3.0 m	1052590
4.0 m	1052591
5.0 m	1052592
<b>Yellow 2.7/4.7; for Ø 1.6 mm</b>	<b>SMB 400</b>
3.0 m	1053666
4.0 m	1053667
5.0 m	1053668
<b>0.6 - 0.9 mm</b>	<b>SMB 25</b>
3.0 m	1091655
4.0 m	1091656
5.0 m	1091657

## POLYAMIDE CORES

	Art. no.
with retaining nipple and O-ring recommended for aluminium	
<b>Grey 2.0/4.0; for Ø 1.0 - 1.2 mm</b>	<b>SMB 25/36</b>
3.0 m	1052583
4.0 m	1052584
5.0 m	1052585
<b>Grey 2.9/4.7; for Ø 1.6 mm</b>	<b>SMB 400</b>
4.0 m	1052586
<b>0.8 - 1.2 mm</b>	<b>SMB25/36</b>
4.0 m	1091661
4.0 m	1091662
<b>1.2 - 1.6 mm</b>	<b>SMB25/36/400</b>
4.0 m	1092760
4.0 m	1092761
4.0 m	1092762

## GUIDE TUBE

	Art. no.
for cores	
0.8 - 1.2 mm	1091665

## CARBON -TEFLON CORES

	Art. no.
with retaining nipple, O-ring and brass spiral recommended for stainless steel and aluminium	
<b>Black 2.7/4.7; for Ø 1.6 mm</b>	<b>SMB 400</b>
4.0 m	1052599
<b>Black 2.0/4.0; for Ø 1.0 - 1.2 mm</b>	<b>SMB 25/36</b>
3.0 m	1052596
4.0 m	1052597
5.0 m	1052598

## ACCESSORIES

	Art. no.	PU
O-ring 3.5 x 1.5	1051583	20
Holding nipple Ø 4 mm	1051596	20
Retaining nipple for guide spiral blank 1.5/4.0	1051598	20
Retaining nipple for guide spiral blank 2.0 - 2.5/4.0	1051599	20
Guide tube brass Ø 4 mm	1051597	1
Brass spiral, ready-made 200 mm	1051524	1

## MIG BRAZING TORCH CONVERSION KIT

	Art. no.
<b>SMB 15/4 m for wire 0.8 mm</b>	1091521
consisting of	
10 x contact tip Ø 0.8 mm and Teflon core blue Ø 0.8 - 1.0 mm, 4 m	
<b>SMB 15/4 m for wire 1.0 mm</b>	1091522
consisting of	
10 x contact tip Ø 1.0 mm and Teflon core red Ø 1.0-1.2 mm, 4 m	

## CUSI 3 WELDING WIRE

	Art. no.
For copper, low-alloyed copper and copper-zinc alloys. Well suited for galvanised sheet metal	
<b>Small spool D200</b>	
Ø 0.8 mm 5 kg	1131620
Ø 1.0 mm 5 kg	1131619
<b>Basket coil K300</b>	
Ø 0.8 mm 15 kg	1131625
Ø 1.0 mm 15 kg	1131624

## CUAL 8 WELDING WIRE

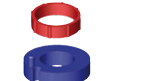
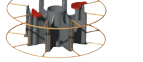
	Art. no.
For manganese and nickel-copper-aluminium alloys. Well suited for highly stressed and high-strength steels	
<b>Small spool D200</b>	
Ø 0.8 mm 5 kg	1131630
Ø 1.0 mm 5 kg	1131629
<b>Basket coil K300</b>	
Ø 0.8 mm 15 kg	1131635
Ø 1.0 mm 15 kg	1131634

## ARGON SHIELDING GAS

	Filling	Art. no.
Seamless steel bottles, complete with bottle valve, threaded according to DIN 477, cap DIN 4667 and filling		
New bottle	10 l	1741012
New bottle	20 l	1741021
Filling	10 l	1741013
Filling	20 l	1741023

## ACCESSORIES

	Art. no.
<b>MIG/MAG special tong</b>	1092000
for cutting, time-saving cleaning and removing the shielding gas nozzle (Ø 15 - 18 mm) and loosening and tightening the contact tip	
<b>Basket coil adapter KA 1</b>	1110001
one-piece, plug-in	
<b>Basket coil adapter KA 2</b>	1110005
with quick-release fastener	
<b>Centring adapter for D 200 coils</b>	1110007
two-part	



MIG/MAG

TIG inverter

Electrode inverter

Laser welding

Plasma cutters

Electrochemical processing

Welding accessories

# Torch

## Torch ABIMIG W 440

water-cooled

Technical data:	
Load	500 A CO <sub>2</sub>
Shielding gas	450 A Mixed gas M21 (DIN EN ISO 14175)
Duty cycle	100%
Wire Ø	0.8 – 1.6 mm

Art. no.	Designation
1059943	W 440D torch 3 m ABIMIG
1059944	W 440D torch 4 m ABIMIG
1059945	W 440D torch 5 m ABIMIG
1059963	W 440D torch 3 m UD ABIMIG
1059964	W 440D torch 4 m UD ABIMIG
1059965	W 440D torch 5 m UD ABIMIG




## Torch ABIMIG W 540

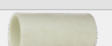
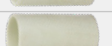






water-cooled

Technical data:	
Load	600 A CO <sub>2</sub>
Shielding gas	550 A Mixed gas M21 (DIN EN ISO 14175)
Duty cycle	100%
Wire Ø	1.0 – 1.6 mm


Art. no.	Designation
1059946	W 540D torch 3 m ABIMIG
1059947	W 540D torch 4 m ABIMIG
1059948	W 540D torch 5 m ABIMIG
1059966	W 540D torch 3 m UD ABIMIG
1059967	W 540D torch 4 m UD ABIMIG
1059968	W 540D torch 5 m UD ABIMIG

	Art. no.	Designation	Thread	Design	Ø / Nominal diameter	PU*
	1054042	Contact tip ECu	M8		0.8 mm	10
	1054044	Contact tip ECu	M8		1.0 mm	10
	1054046	Contact tip ECu	M8		1.2 mm	10
	1057045	Contact tip ECu	M8		1.4 mm	10
	1054045	Contact tip ECu	M8		1.6 mm	10
	1054047	Contact tip ECu aluminium wire	M8		1.0 mm	10
	1054049	Contact tip ECu aluminium wire	M8		1.2 mm	10
	1057046	Contact tip ECu aluminium wire	M8		1.4 mm	10
	1057047	Contact tip ECu aluminium wire	M8		1.6 mm	10

## Torch ABIMIG W 440

	Art. no.	Designation	Thread	Design	Ø / Nominal diameter	PU*
	1057040	Splash guard for gas nozzle NW12				10
	1057041	Splash guard for gas nozzle NW14.5 & 18				10
	1057042	Nozzle holder 26 mm	M10/M8			5
	1057043	Nozzle holder 28 mm	M10/M8			5
	1057044	Nozzle holder 31 mm	M10/M8			5
	1057048	Gas nozzle	M20	conical	12 mm	10
	1057049	Gas nozzle	M20	conical	14.5 mm	10
	1057050	Gas nozzle	M20	cylindrical	18 mm	10

## Torch ABIMIG W 540

	Art. no.	Designation	Thread	Design	Ø / Nominal diameter	PU*
	1057070	Splash guard for gas nozzle NW14, 16, 18				10
	1057071	Nozzle holder 25 mm	M11/M8			5
	1057072	Nozzle holder 27 mm	M11/M8			5
	1057073	Gas nozzle		conical	14 mm	10
	1057074	Gas nozzle		conical	16 mm	10
	1057075	Gas nozzle		cylindrical	20 mm	10

Guide spirals/Teflon cores see page 26

\* PU = quantity in pieces per packaging unit. Purchase only possible in PUs