MHS 82-D

gas-cooled



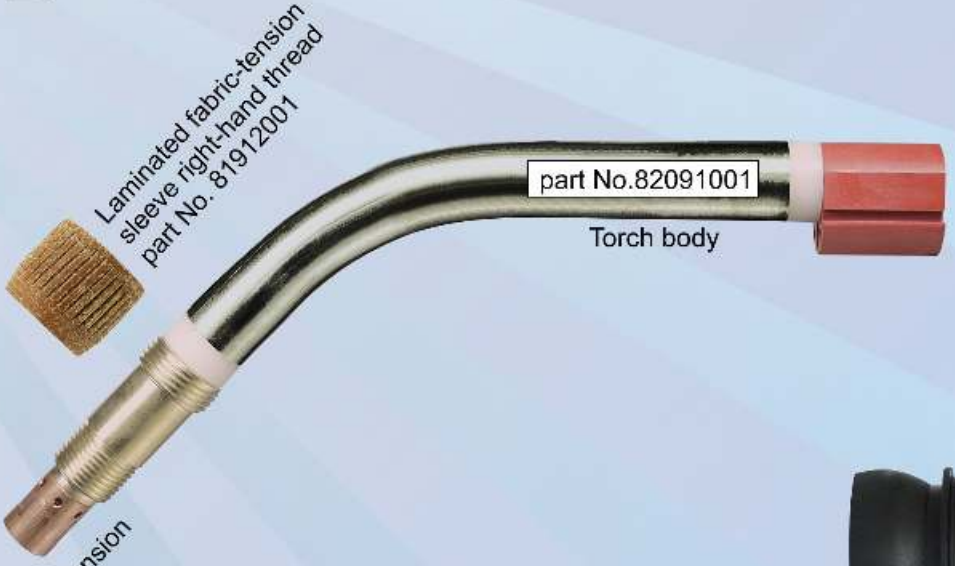
250 Amp./60% duty cycle (CO_2)
200 Amp./60% duty cycle (mixed gas)

Spare parts like:
MHS 81-D water-cooled

HSN 014

MHS 82-D

gas-cooled





Ball joint
part No. 91912704



Ratio handle with ball joint
part No. 91912536



Gas nozzle conical ID17mm
part No. 81931001



Industry handle with ball joint
part No. 91912103



Gas nozzle conical ID11mm
part No. 81930021



Contact tip holder
part No. 92981001



Contact tip M8 x 30
part No. 830□001
part No. 830□401(CuCrZr)
part No. 830□301(nickel plated)
□**Please fill in wire diameter**

HSN 641

Holch Schweißbrenner

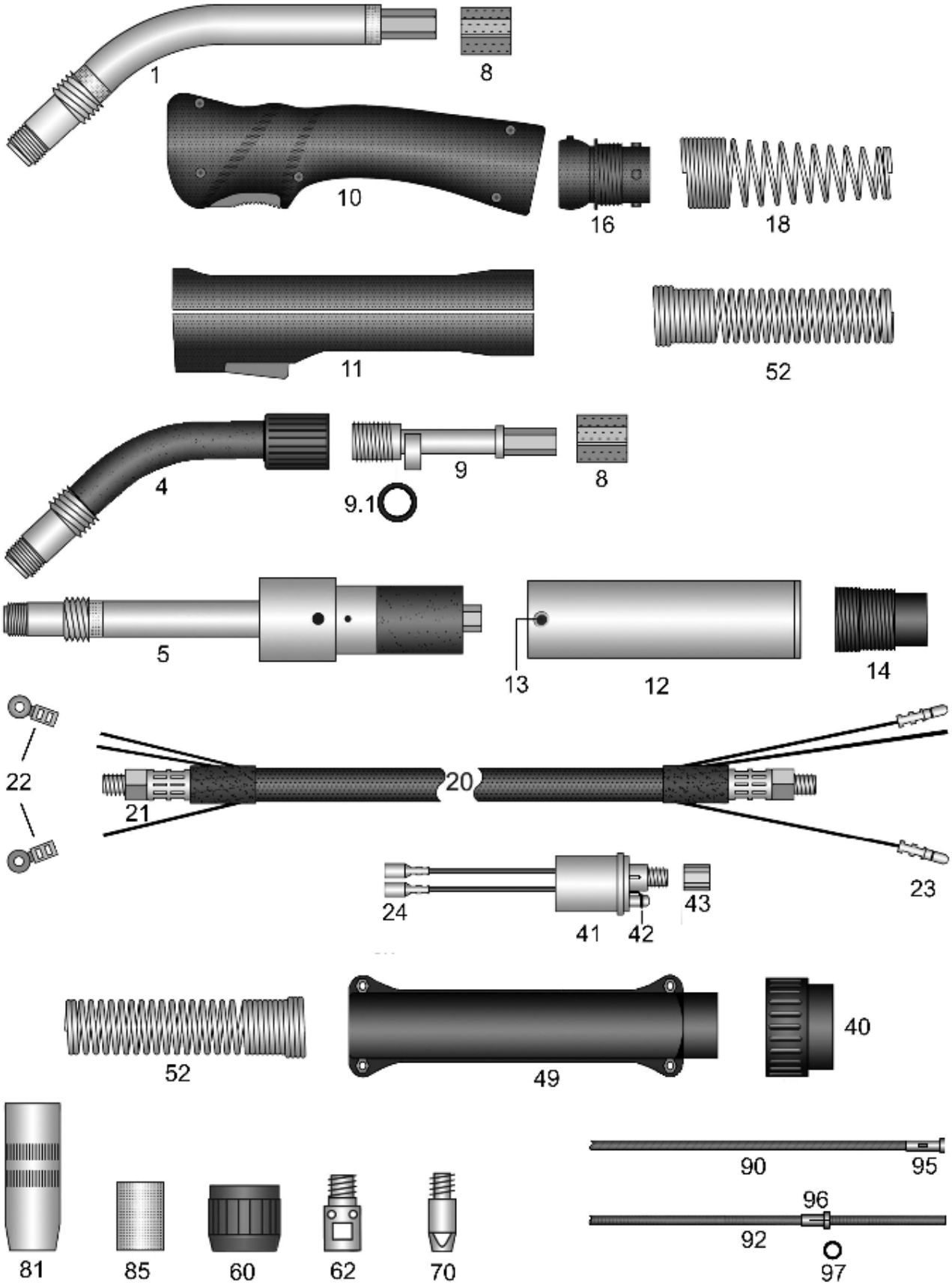
GETESTET EN 60974-7 ISO 9001:2015

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MADE IN GERMANY DAS ORIGINAL

MHS 82-D gas-cooled

250 Ampere at 60% duty cycle (CO_2) -200 Ampere at 60% duty cycle (mixed gas)



Operating instruction

Screw laminated fabric-tension sleeve right-hand thread (60) down until it goes no further.Then, screw down heavy duty insulating sleeve left-hand thread (85) until it goes no further. Slide the Gas nozzle (81) over the insulating sleeve (85). Now, screw back the laminated fabric-tension sleeve (60). The insulating sleeve (85) is hereby pushed outside and holds the gas nozzle.

HSN 125-1

MHS 82-D

Welding-torch MIG-MAG gas-cooled

250A at 60% duty cycle (CO2) - 200A at 60% duty cycle (mixed gas)

	Art.-No.	
		Spare parts as torch MHS 81-D water-cooled
	82000311	Torch MHS 82-D / 3m EURO central adapter 25mm²
	82000411	Torch MHS 82-D / 4m EURO central adapter 25mm²
	82000511	Torch MHS 82-D / 5m EURO central adapter 25mm²
	82100311	DR Torch MHS 82-D / 3m EURO central adapter 25mm²
	82100411	DR Torch MHS 82-D / 4m EURO central adapter 25mm²
	82100511	DR Torch MHS 82-D / 5m EURO central adapter 25mm²
	82050311	AUTomatic-torch MHS 82-D / 3m EURO central adapter 25mm²
	82150311	DR AUTomatic-torch MHS 82-D / 3m EURO central adapter 25mm²
		For torches without EURO central-adaptor the following prices apply. **Please note that for some special machine side connections surcharges may arise,** **which you will find in the appendix "A" custom made products.**
	82000301	Torch MHS 82-D / 3m 25mm²
	82000401	Torch MHS 82-D / 4m 25mm²
	82000501	Torch MHS 82-D / 5m 25mm²
	82100301	DR Torch MHS 82-D / 3m 25mm²
	82100401	DR Torch MHS 82-D / 4m 25mm²
	82100501	DR Torch MHS 82-D / 5m 25mm²
	82050301	AUTomatic-torch MHS 82-D / 3m 25mm²
	82150301	DR AUTomatic-torch MHS 82-D / 3m 25mm²
		Special lengths for hand- and AUTomatic-torches **please notice appendix "B".**
	pg000001	Surcharge: Pistol-shape-handle / stabilizer
N.i.	91912453	Heat protection shield for pistol handle, screws included
	29004602	Surcharge: Torch body with custom bending
		Torch body and AUTomatic torch body with teflon insulation, **nickel coated brazen outer tube (DR bodies not nickel coated), very massive power conduit,** **complete with contact tip holder M8.**
1	82091001	Swan neck
4	82191001	DR Swan neck MHS 82-D
5	82091501	AUTomatic-torch body
8	15912301	Polyamid-torch body
9	15912602	DR Torch body brass fits ratio handle
9	15912601	DR Torch body brass fits industry-handle
N.i.	15912651	Auxiliary torch body fits coaxial cable
9.1	91903604	O-ring ID19-W2,4mm
		Handles, complete with switch, screws and ball joint or sockets! **Handles with hole-20mm are for swivel neck torches (DR torches).**
10	91912535	Ratio-handle 18mm with ball joint
10	91912536	Ratio-handle 20mm with ball joint
10	91912435	Ratio-handle 18mm (***without ball joint***)

MHS 82-D

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	Art.-No.	
10	91912436	Ratio-handle 20mm (***without ball joint***)
N.i.	91912438	Ratio microswitch DC2
N.i.	91912439	Push button red for Ratio handle also fits RAUCH handle
N.i.	91912441	Spring fits button Ratio grip handle and RAUCH grip handle
11	91912102	Industry-handle 18mm with ball joint
11	91912103	Industry-handle 20mm with ball joint
11	91912331	Industry-handle 18mm (***without ball joint***)
11	91912431	Industry-handle 20mm (***without ball joint***)
N.i.	91920411	Switch-set fits industry-handle for 16/18/20mm (11 parts)
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
12	91912901	AUT handle tube, brass-cladded AD38mm for AUT-torch rubber cable support
13	91912911	Holding screw M4x6mm for AUT handle tube OD38mm
14	15912801	Rubber cable-support small for coaxial-cable
16	91912704	Spring socket pistol side fits handle with ball joint
18	91912503	Cable support spring handle-side for torches with ball joint
20	15920311	Coaxial-cable 25mm² / 3m fits EURO central adapter
20	15920411	Coaxial-cable 25mm² / 4m fits EURO central adapter
20	15920511	Coaxial-cable 25mm² / 5m fits EURO central adapter
21	15912211	Lock-nut M10x1-L9,5mm for coaxial-cable
22	91902811	Cable-plug fits industry-handle
23	91902901	Male connector cable-plug for machine side EURO central adapter
24	91903001	Female connector cable-plug fits machine side EURO central adapter
40	91900701	Terminal nut insulated fits EURO central adapter
41	91900101	Central adapter fixed contact-pins EURO central adapter
41	91900106	Central adapter spring contact-pins EURO central adapter
42	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
43	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
49	91900561	Cable support machine side (srews included) fits EURO central adapter
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91900601	Attachment screw M4x6mm fits cable support EURO central adapter
52	91912502	Cable support spring fits handles without ball joint and for EURO
60	81912001	Laminated fabric-tension sleeve right-hand thread
62	92981001	Contact tip holder IT-M8 AD13-L28mm
70	83008001	Contact tip M8-L30-AD10 0,8
70	83010001	Contact tip M8-L30-AD10 1,0
70	83012001	Contact tip M8-L30-AD10 1,2
70	83014001	Contact tip M8-L30-AD10 1,4
70	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
70	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
70	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
70	83008301	Contact tip M8-L30-AD10 0,8 nickel-plated
70	83010301	Contact tip M8-L30-AD10 1,0 nickel-plated

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250A at 60% duty cycle (CO2) - 200A at 60% duty cycle (mixed gas)

	Art.-No.	
70	83012301	Contact tip M8-L30-AD10 1,2 nickel-plated
70	83014301	Contact tip M8-L30-AD10 1,4 nickel-plated
70	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
70	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
70	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
81	81931001	Gas nozzle conical-ID17mm
85	81912101	Laminated fabric-tension sleeve left-hand thread
		Spirals and liners also available in other sizes on inquiry!
90	15451311	Guide spiral-liner blue ID1,5-AD4,5 fits 3m / EURO central adapter
90	15451411	Guide spiral-liner blue ID1,5-AD4,5 fits 4m / EURO central adapter
90	15451511	Guide spiral-liner blue ID1,5-AD4,5 fits 5m / EURO central adapter
90	20451311	Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter
90	20451411	Guide spiral-liner red ID2,0-AD4,5 fits 4m / EURO central adapter
90	20451511	Guide spiral-liner red ID2,0-AD4,5 fits 5m / EURO central adapter
92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
92	20406311	Carbon-PA core liner ID2,0-AD4,0 fits 3m / EURO central adapter
92	20406411	Carbon-PA core liner ID2,0-AD4,0 fits 4m / EURO central adapter
92	20406511	Carbon-PA core liner ID2,0-AD4,0 fits 5m / EURO central adapter
92	20404311	ULTRA-liner (brown) ID2,0-OD4,0 fits 3m / EURO central adapter
92	20404411	ULTRA-liner (brown) ID2,0-OD4,0 fits 4m / EURO central adapter
92	20404511	ULTRA-liner (brown) ID2,0-OD4,0 fits 5m / EURO central adapter
N.i.	20405002	Brass spiral liner (marked blue) ID2,0-OD4,0mm L300mm fits liner OD3,9/4,0mm
N.i.	25405002	Bronze spiral liner (marked blue) ID2,5-OD4,0mm L300mm fits liner OD3,9/4,0mm
95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD4,5mm
96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm
97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm
		Mounting spiral for use with DR Torch Bodies (shorten as needed)
N.i.	dr193901	Mounting spiral (steel) for DR torches L250mm ID1,9-AD3,9mm complete with slotted outer gas conduit
N.i.	dr253901	Mounting spiral (steel) for DR torches L250mm ID2,5-AD3,9mm complete with slotted outer gas conduit
N.i.	dr204001	Mounting spiral (brass) for DR torches L250mm ID2,0-AD4,0mm complete with slotted outer gas conduit
N.i.	dr254001	Mounting spiral (bronze) for DR torches L250mm ID2,5-AD4,0mm complete with slotted outer gas conduit