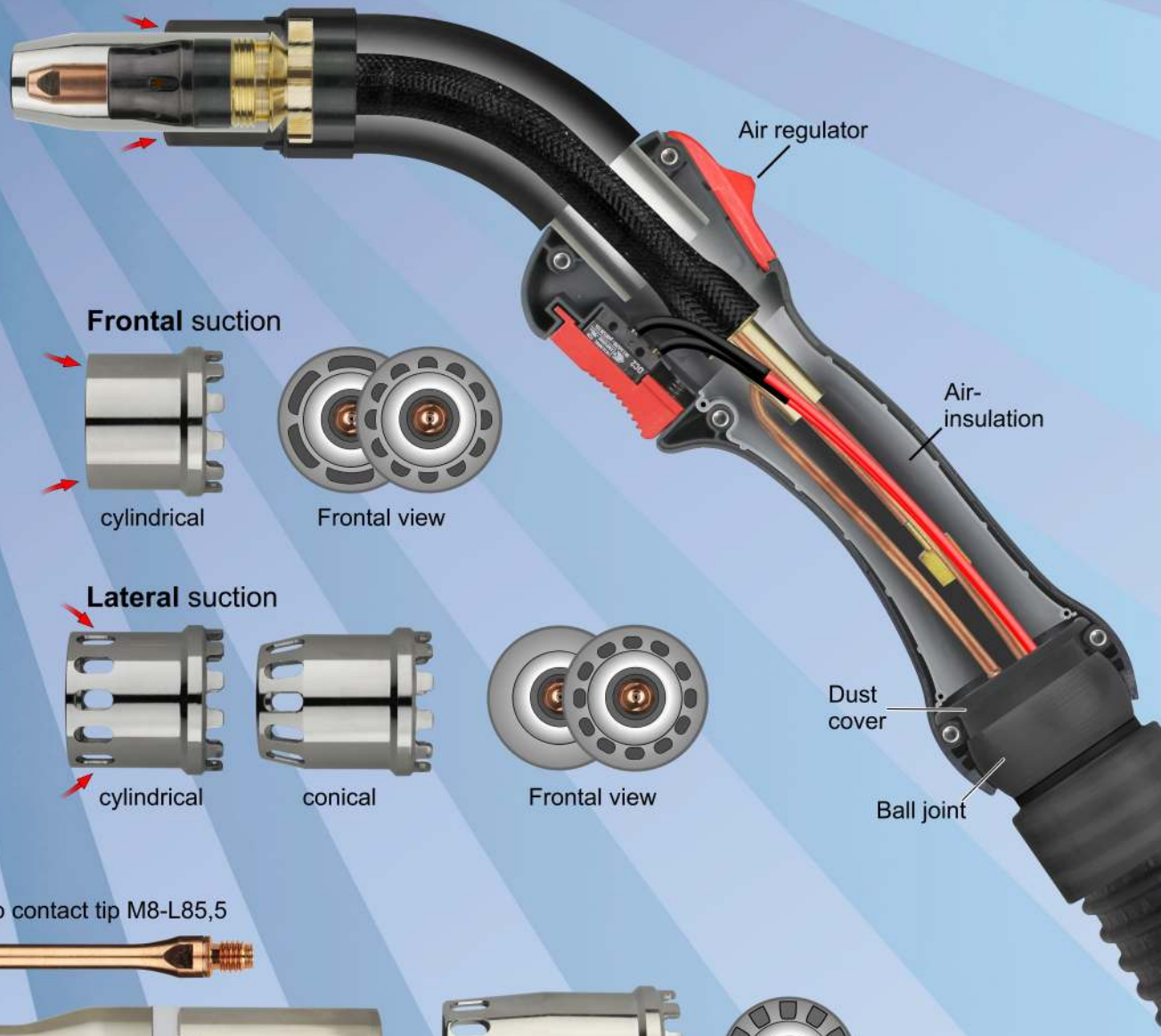
MHS RAUCH-450-SC

water-cooled **screwable**



Frontal suction

Adjustable extraction nozzle

cylindrical

Frontal view

Lateral suction

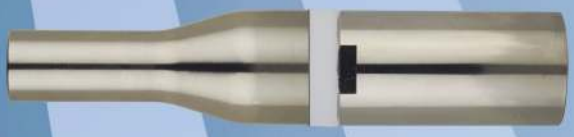
Adjustable extraction nozzle

cylindrical

conical

Frontal view

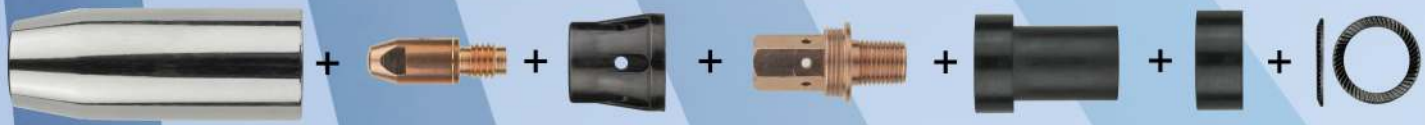
Narrow-gap contact tip M8-L85,5


Narrow-gap gas nozzle

Narrow-gap gas nozzle (lower part)


Narrow-gap extraction nozzle


Frontal view


Gasnozzle conical 16mm

Contact tip M8 x 30

Gas diffuser "Black Power"

Contact tip holder

Insulation front

Insulation back

Lock spring washer

550 Amp./100% duty cycle (CO_2)

510 Amp./100% duty cycle (mixed gas)

Spare parts like:

MHS RAUCH-350-SC screwable air-cooled

HSN 870-3

MHS RAUCH-450-SC screwable

water-cooled



Adjustable extraction nozzles (brass plated) for frontal suction



internal O-ring part No. r9131001

part No. r9130002



Adjustable extraction nozzles (brass plated) for lateral suction



cylindrical

part No. r9130003



conical

part No. r9130004

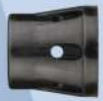


Narrow-gap extraction nozzle conical

part No. r9130006



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



Gas diffuser "Black Power" part No. r9120007



Contact tip holder part No. r9800002



Insulated front part with long cylinder part No. r9121001



Insulation back part No. r9121002



Lock spring washer part No. r9120008



Screwable gas nozzle strongly conical ID 12mm part No. r9310001



Screwable gas nozzle conical ID 16mm part No. r9300001



Screwable gas nozzle cylindrical ID 21mm part No. r9330001



Narrow-gap gas nozzle part No. r4509365



Narrow-gap gas nozzle (lower part) with sealing ring part No. r4509362



sealing ring part No. r4509363



Narrow-gap contact tip part No. 88551241

HSN 871-9

Holch Schweißbrenner

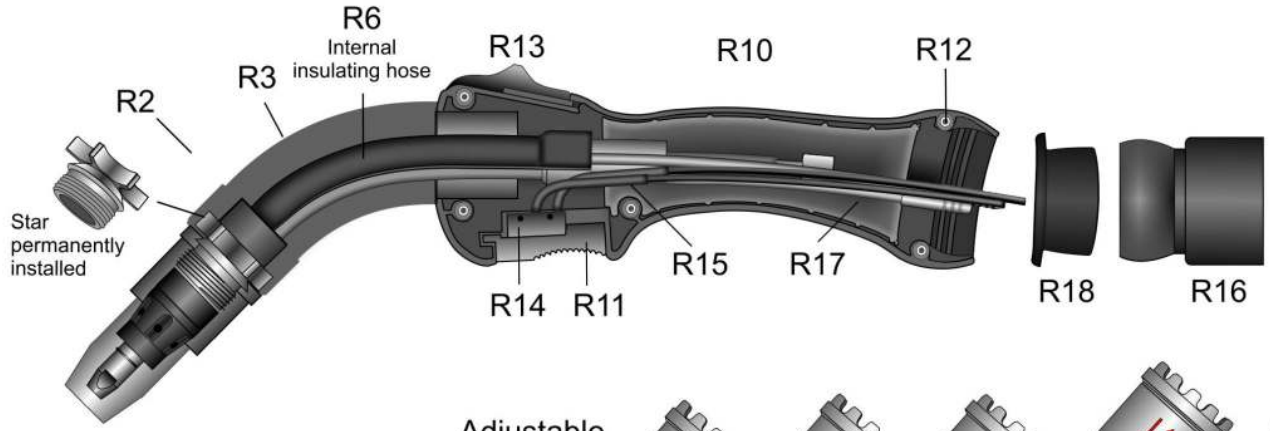
GETESTET EN 60974-7 ISO 9001:2015

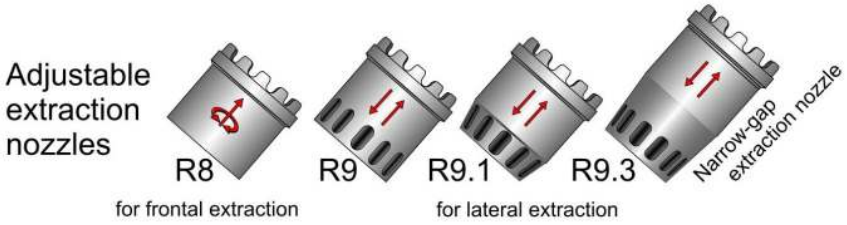
www.holch-siegen.de

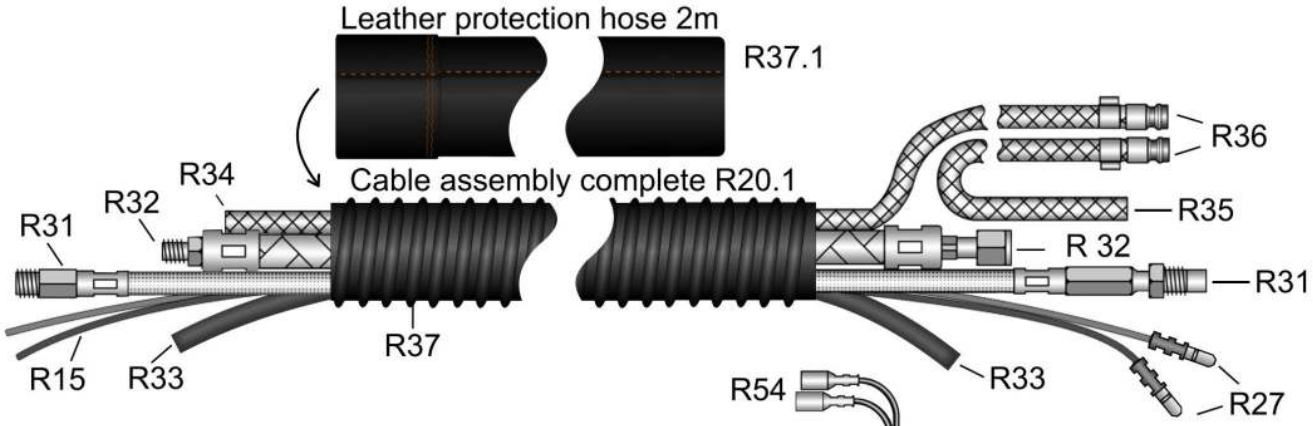
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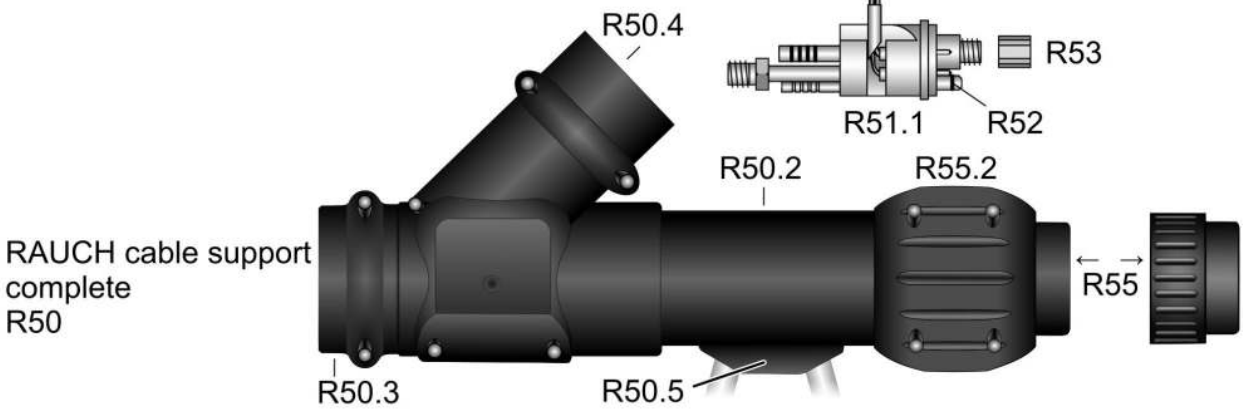
MHS RAUCH-450-SC water-cooled screwable

550 Ampere at 100% duty cycle (CO_2) - 510 Ampere at 100% duty cycle (mixed gas)

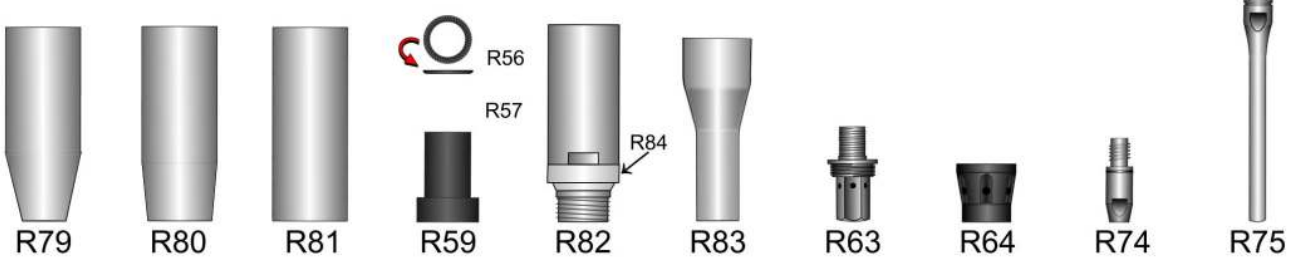












HSN 872-8

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100% duty cycle (CO2) - 510A at 100% duty cycle (mixed gas)

	Art.-No.	
		Spare parts as torch MHS RAUCH-350-SC screwable gas-cooled
	r4500311	Torch MHS RAUCH-450-SC screwable / 3m EURO central adapter exhaust hose ID38mm
	r4500411	Torch MHS RAUCH-450-SC screwable / 4m EURO central adapter exhaust hose ID38mm
	r4500511	Torch MHS RAUCH-450-SC screwable / 5m EURO central adapter exhaust hose ID38mm
		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.**
	r4500301	Torch MHS RAUCH-450-SC screwable / 3m exhaust hose ID38mm
	r4500401	Torch MHS RAUCH-450-SC screwable / 4m exhaust hose ID38mm
	r4500501	Torch MHS RAUCH-450-SC screwable / 5m exhaust hose ID38mm
R1	r4509101	Torch body MHS RAUCH-450-SC fits version screwable + pluggable
R2	r4509102	Fume extraction tube for torch body RAUCH-350-SC/450-SC screwable
R3	r4509103	Fume extraction tube fits screwable gas nozzle with torch body, complete with all consumables (contact tip 1,2), without fume extraction nozzle
R6	r2509121	Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C Shorten to appropriate length if required
R8	r9130002	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, frontal extraction, adjustable, complete with special O-ring high temperature resistant
R9	r9130003	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, lateral extraction, adjustable, complete with special O-ring high temperature resistant
R9.1	r9130004	Fume extraction nozzle for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, lateral extraction,wide extraction slots, complete with special O-ring high temperature resistant
R9.3	r9130006	Fume extraction nozzle narrow-gap (long) for RAUCH-350-SC / RAUCH-450-SC made of brass, nickel plated, conical, wide extraction slots, complete with special O-ring high temperature resistant
N.i.	r9131001	Special high heat resistant O-ring ID33-W2mm for fume extraction nozzle RAUCH-350-SC / RAUCH-450-SC
		RAUCH-handle complete with air-slider, switch and all sundries. **Please order ball joint, dust cover and RAUCH air insulation separately.**
R10	r9193801	RAUCH-handle black
R11	91912439	Push button red for Ratio handle also fits RAUCH handle
N.i.	91912441	Spring fits button Ratio grip handle and RAUCH grip handle
R12	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
R13	r9193802	RAUCH-air slider red
R14	91912538	RAUCH microswitch DC2 fits RAUCH handle with 2 contacts (close only)
		Reel goods: **Prices are per meter and only applicable if a complete reel is purchased.**
R15	91902424	Meter control line 2x0,75mm² Polyolefin green up to 145°C (100m)
R16	r9193804	RAUCH-ball joint fits hose ID38mm
R17	r9193816	RAUCH air insulation inlet, 2 halves, for optimal heat shielding in the handle area
R18	r9193817	RAUCH dust cover fits RAUCH handle
		Cable assembly for EURO central adapter consisting of: Exhaust hose, wire conduit, **power/watercable, water hose, gas hose and control line.**

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100% duty cycle (CO2) - 510A at 100% duty cycle (mixed gas)

	Art.-No.	
R20.1	ven91311	Spare cable assembly RAUCH-330 / RAUCH-450-SC 3m / without EURO central adapter, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R20.1	ven91411	Spare cable assembly RAUCH-330 / RAUCH-450-SC 4m / without EURO central adapter, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R20.1	ven91511	Spare cable assembly RAUCH-330 / RAUCH-450-SC 5m / without EURO central adapter, exhaust hose ID38mm, complete with ball joint and appr. 2,2m leather protection sleeve
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R31	r950e311	Wire conduit RAUCH / 3m EURO central adapter (PA) black (hard)
R31	r950e411	Wire conduit RAUCH / 4m EURO central adapter (PA) black (hard)
R31	r950e511	Wire conduit RAUCH / 5m EURO central adapter (PA) black (hard)
		HT 130 TPE heat-resistant special fabric hose, especially resistant against welding spatters and fume
R32	r9400315	HT 130 TPE power/water cable RAUCH / 3m EURO central adapter blue
R32	r9400415	HT 130 TPE power/water cable RAUCH / 4m EURO central adapter blue
R32	r9400515	HT 130 TPE power/water cable RAUCH / 5m EURO central adapter blue
		Reel goods: **Prices are per meter and only applicable if a complete reel is purchased.**
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
R33	41500005	Meter HT 130 TPE hose ID4,0-W1,5mm grey for gas (100m)
R34	50172005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm blue for water "RAUCH" (100m)
R35	50171005	Meter HT 130 TPE fabric hose ID5,0-W1,7mm red for water "RAUCH" (100m)
N.i.	81000001	Meter PUR protection hose ID8,5-W1mm fits water hoses OD8,4mm (200m)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)
R36	91901001	Cooling liquid plug nipples EURO
N.i.	91901008	Closing cap blue fits cooling liquid plug nipples EURO
N.i.	91901009	Closing cap red fits cooling liquid plug nipples EURO
R37	r3800311	Section of exhaust hose 2,4m ID38mm / for 3m RAUCH torch
R37	r3800411	Section of exhaust hose 3,4m ID38mm / for 4m RAUCH torch
R37	r3800511	Section of exhaust hose 4,4m ID38mm / for 5m RAUCH torch
R37.1	r3800011	Leather-sleeve ID50mm appr. 2,2m long, for fume extraction hose ID-38mm
N.i.	r3800313	Fume extraction hose (section) ID38mm for RAUCH torch 3m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose
N.i.	r3800413	Fume extraction hose (section) ID38mm for RAUCH torch 4m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose
N.i.	r3800513	Fume extraction hose (section) ID38mm for RAUCH torch 5m/EURO central adapter complete with ball joint, appr. 2,2m leather attached with shrinking hose
R50	91700001	Fume central adapter connection-system for water-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700031 + 91700051 + 91700041 + 91900702
R50.1	91912611	Cable support spring machine side fits RAUCH Holch cable support
R50.2	91700061	Fume central adapter / fume protected area to connect support lines, lateral mouth for rubber grommet, 2 halves complete with bushing and screws and 1 red O-ring ID33-W2mm (red)

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100% duty cycle (CO2) - 510A at 100% duty cycle (mixed gas)

	Art.-No.	
R50.3	91700011	Fume central adapter chamber rotatable 360°. 2 halves complete with bushing, screws and 2 O-rings ID46-W2mm (red). Fits to genuine Holch extraction connection adapter 45° and central adapter connection chamber
R50.4	91700021	Fume central adapter extraction connection 45°, 2 half pieces complete with bushes and screws. Only for genuine Holch central adapter rotatable extraction chamber
N.i.	91700031	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for water-cooled RAUCH fume extraction torch
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
R50.5	91700051	Fume central adapter rubber grommet with 2 inlets for water lines for the genuine Holch fume protected central adapter connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51.1	91900206	Central adapter spring contact-pins EURO central adapter
R51.1	91900201	Central adapter fixed contact-pins EURO central adapter
R52	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
R53	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
R54	91903001	Female connector cable-plug fits machine side EURO central adapter
R55	91900702	Terminal nut insulated fits EURO central adapter (widened fits RAUCH)
R55.2	91700041	Strengthening for terminal nut EURO central adapter 2 halves complete with bushing and screws (black)
R56	r9120008	Lock spring washer for RAUCH-350-SC / RAUCH-450-SC
R57	r9121002	HT-insulation black power fits RAUCH-350 / RAUCH-450 (at the rear) with lock spring washer
R59	r9121001	HT-insulation black power fits RAUCH-350-SC / RAUCH-450-SC (front) with long cylinder
R63	r9800002	Contact tip holder M8 with OT-M16x1 fits gas diffusor
R64	r9120007	HT gas-diffusor black power with rib-like gas conduit, IT-M16x1, 18mm tapped
R74	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R74	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R74	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R74	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R74	83016401	Contact tip M8-L30-D10 CuCrZr 1,6
R74	83020401	Contact tip M8-L30-D10 CuCrZr 2,0
R74	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R74	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R74	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R74	83016a01	Contact tip M8-L30-D10 1,6-A for aluminium wire
R75	88551241	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 1,2 CuCrZr
R79	r9310001	Screwable gas nozzle conical-ID12mm (long cone)
R80	r9300001	Screwable gas nozzle conical-ID16mm
R81	r9330001	Screwable gas nozzle cylindric ID21mm

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100% duty cycle (CO2) - 510A at 100% duty cycle (mixed gas)

	Art.-No.	
R82	r4509362	Narrow-gap lower section screwable with PTFE sealing ring for RAUCH-350-SC / RAUCH-450-SC
R83	r4509365	Narrow gap gas-nozzle ID12-OD12mm / length 62,5mm for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
R84	r4509363	PTFE sealing ring for narrow-gap lower section RAUCH-350-SC / RAUCH-450-SC
		Spirals and liners also available in other sizes on inquiry!
R91	19390311	Guide spiral-liner ID1,9-AD3,9 fits 3m / EURO central adapter
R91	19390411	Guide spiral-liner ID1,9-AD3,9 fits 4m / EURO central adapter
R91	19390511	Guide spiral-liner ID1,9-AD3,9 fits 5m / EURO central adapter
R91	20450311	Guide spiral-liner ID2,0-AD4,5 fits 3m / EURO central adapter
R91	20450411	Guide spiral-liner ID2,0-AD4,5 fits 4m / EURO central adapter
R91	20450511	Guide spiral-liner ID2,0-AD4,5 fits 5m / EURO central adapter
R91	25450311	Guide spiral-liner ID2,5-AD4,5 fits 3m / EURO central adapter
R91	25450411	Guide spiral-liner ID2,5-AD4,5 fits 4m / EURO central adapter
R91	25450511	Guide spiral-liner ID2,5-AD4,5 fits 5m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	20393411	PTFE-carbon core liner ID2,0-AD3,9 fits 4m / EURO central adapter
R92	20393511	PTFE-carbon core liner ID2,0-AD3,9 fits 5m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	27473411	PTFE-carbon core liner ID2,7-AD4,7 fits 4m / EURO central adapter
R92	27473511	PTFE-carbon core liner ID2,7-AD4,7 fits 5m / EURO central adapter
R92	20406311	Carbon-PA core liner ID2,0-AD4,0 fits 3m / EURO central adapter
R92	20406411	Carbon-PA core liner ID2,0-AD4,0 fits 4m / EURO central adapter
R92	20406511	Carbon-PA core liner ID2,0-AD4,0 fits 5m / EURO central adapter
R92	23476311	Carbon-PA core liner ID2,3-AD4,7 fits 3m / EURO central adapter
R92	23476411	Carbon-PA core liner ID2,3-AD4,7 fits 4m / EURO central adapter
R92	23476511	Carbon-PA core liner ID2,3-AD4,7 fits 5m / EURO central adapter
R92	20404311	ULTRA-liner (brown) ID2,0-OD4,0 fits 3m / EURO central adapter
R92	20404411	ULTRA-liner (brown) ID2,0-OD4,0 fits 4m / EURO central adapter
R92	20404511	ULTRA-liner (brown) ID2,0-OD4,0 fits 5m / EURO central adapter
R92	23474311	ULTRA-liner (brown) ID2,3-OD4,7 fits 3m / EURO central adapter
R92	23474411	ULTRA-liner (brown) ID2,3-OD4,7 fits 4m / EURO central adapter
R92	23474511	ULTRA-liner (brown) ID2,3-OD4,7 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.	20405001	Brass spiral liner (marked green) ID2,0-OD4,0mm L300mm fits liner OD4,7mm
N.i.	25405002	Bronze spiral liner (marked blue) ID2,5-OD4,0mm L300mm fits liner OD3,9/4,0mm
N.i.	25405001	Bronze spiral liner (marked green) ID2,5-OD4,0mm L300mm fits liner OD4,7mm
R95	91905721	Nipple (brass L-30mm) fits spiral liner EURO central adapter AD4,5mm
R96	91906111	Nipple fits core liner EURO central adapter AD3,9/4,0mm

MHS RAUCH-450-SC screwable

Welding-torch MIG-MAG water-cooled

550A at 100% duty cycle (CO2) - 510A at 100% duty cycle (mixed gas)

	Art.-No.	
R96	91906121	Nipple fits core liner EURO central adapter AD 4,7mm
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm