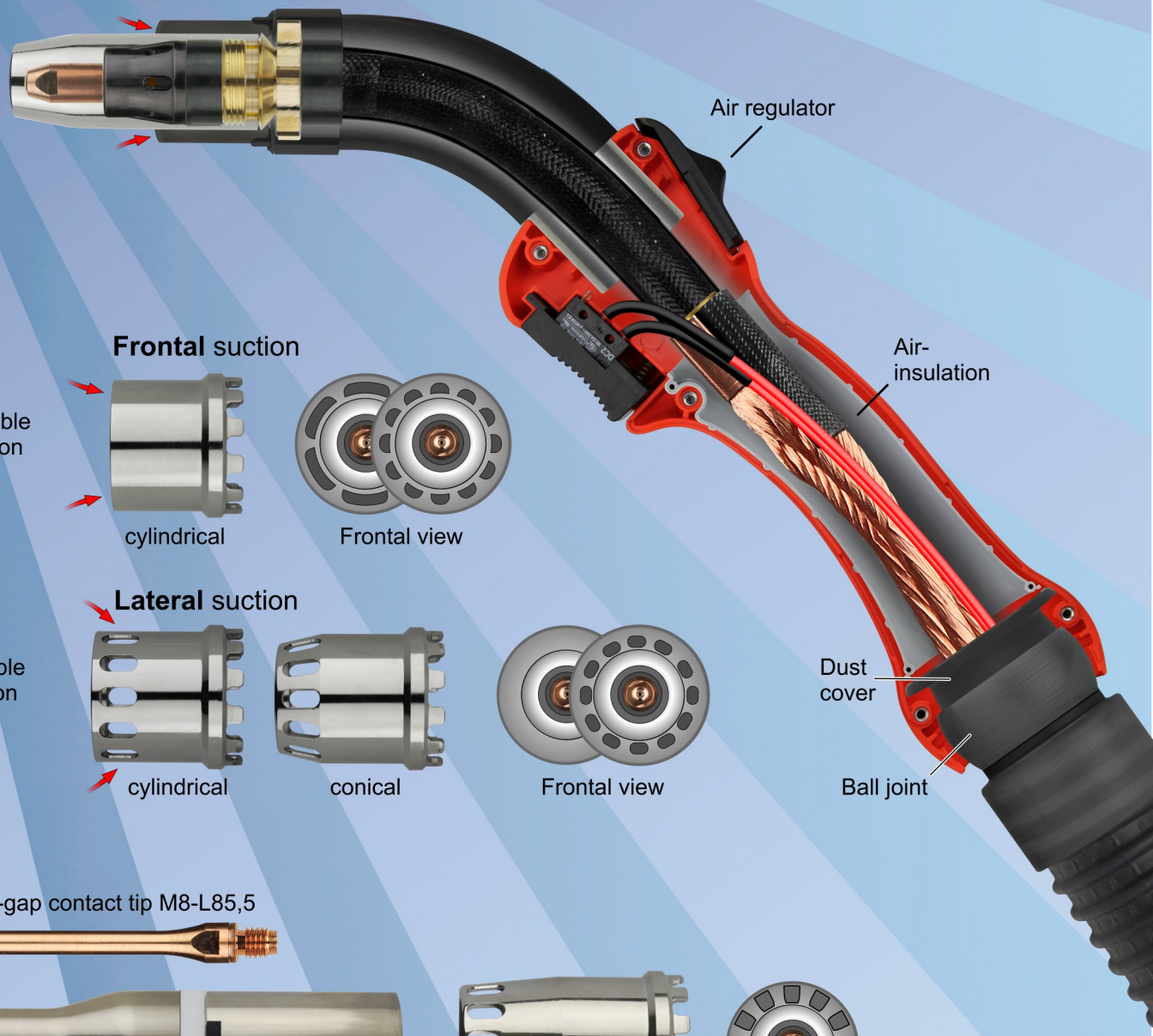
MHS RAUCH-350-SC

air-cooled

screwable



Frontal suction

Adjustable extraction nozzle

cylindrical

Frontal view

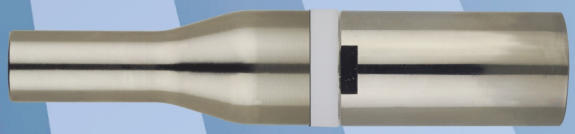
Lateral suction

Adjustable extraction nozzle

cylindrical conical

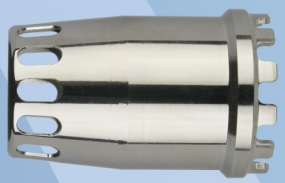
Frontal view

Narrow-gap contact tip M8-L85,5

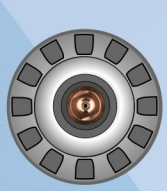


Narrow-gap gas nozzle

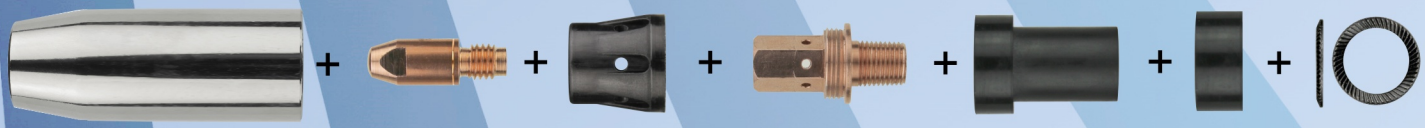
Narrow-gap gas nozzle (lower part)



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

350 Amp./100% duty cycle (CO_2)

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

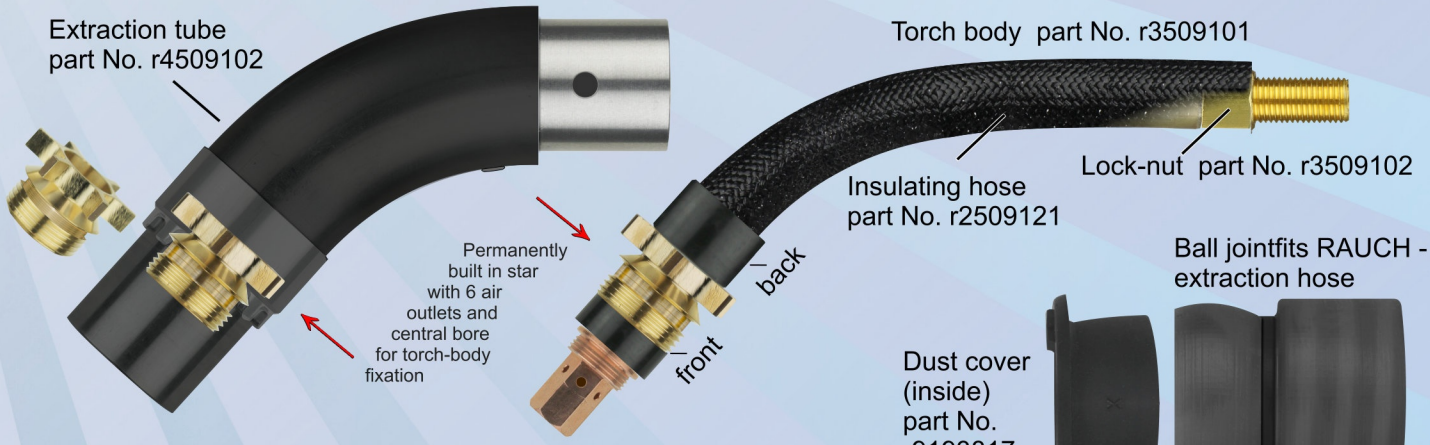
Spare parts like:

MHS RAUCH-450-SC screwable water-cooled

HSN 867-3

MHS RAUCH-350-SC screwable

air-cooled

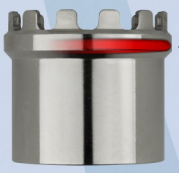


Ball jointfits RAUCH - extraction hose

Dust cover (inside) part No. r9193817

Ø 38mm part No. r9193804

Adjustable extraction nozzles (brass plated) for frontal suction



internal O-ring part No. r9131001

part No. r9130002



RAUCH-handle with air regulator part No. r9193811

Adjustable extraction nozzles (brass plated) for lateral suction



cylindrical

part No. r9130003



conical

part No. r9130004

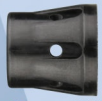


Narrow-gap extraction nozzle conical

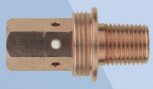
part No. r9130006



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



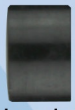
Gas diffuser "Black Power" part No. r9120007



Contact tip holder part No. r9800002



Insulated front part with long cylinder part No. r9121001



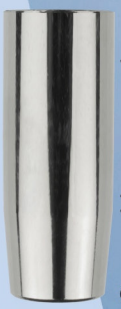
Insulation back part No. r9121002



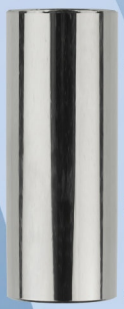
Lock spring washer part No. r9120008



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



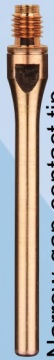
Narrow-gap gas nozzle part No. r4509365



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



sealing ring part No. r4509363

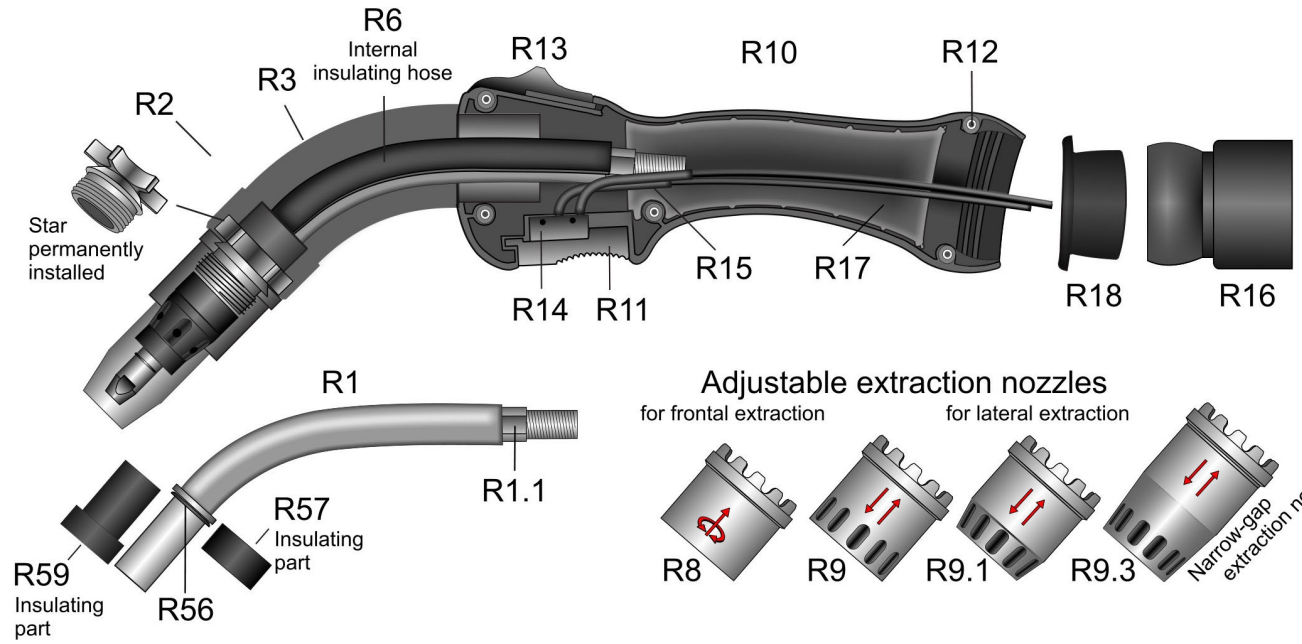


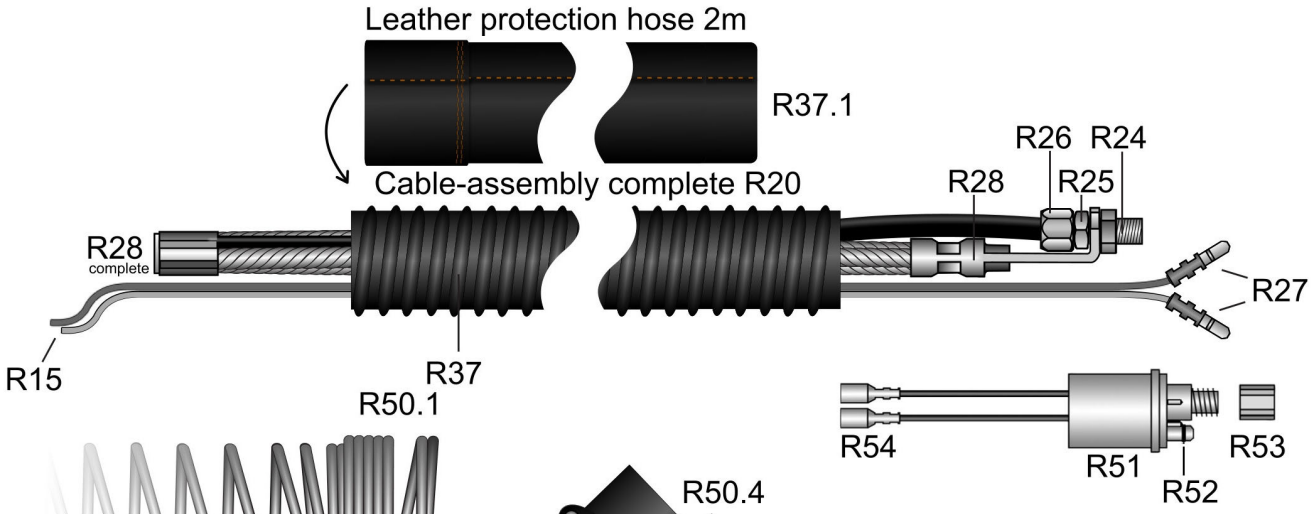
Narrow-gap contact tip part No. 88551241

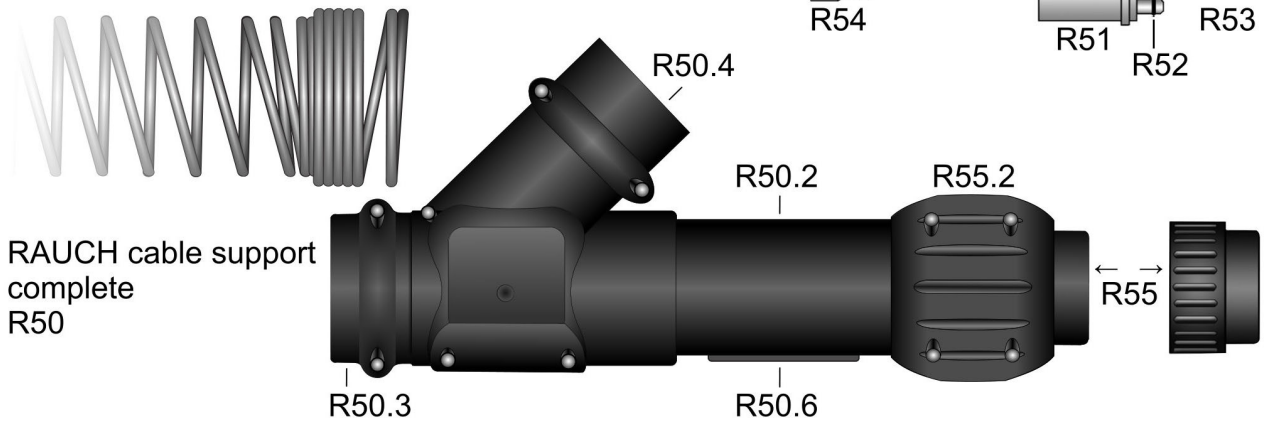
HSN 868-8

MHS RAUCH-350-SC air-cooled screwable

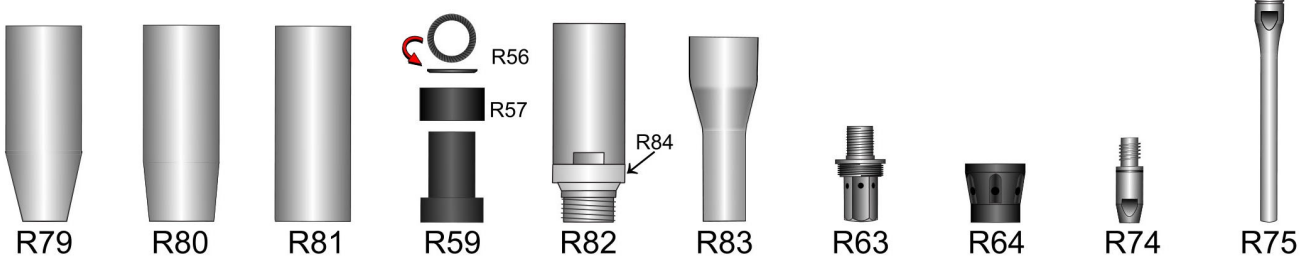
350 Ampere at 100% duty cycle (CO_2) - 310 Ampere at 100% duty cycle (mixed gas)











HSN 869-8

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100% duty cycle (CO2) - 310A at 100% duty cycle (mixed gas)

	Art.-No.	
		Spare parts as torch MHS RAUCH-450-SC screwable water-cooled
	r3500311	Torch MHS RAUCH-350-SC screwable / 3m EURO central adapter exhaust hose ID38mm
	r3500411	Torch MHS RAUCH-350-SC screwable / 4m EURO central adapter exhaust hose ID38mm
	r3500511	Torch MHS RAUCH-350-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.**
	r3500301	Torch MHS RAUCH-350-SC screwable / 3m exhaust hose ID38mm
	r3500401	Torch MHS RAUCH-350-SC screwable / 4m exhaust hose ID38mm
	r3500501	Torch MHS RAUCH-350-SC screwable / 5m exhaust hose ID38mm
R1	r3509101	Swan neck MHS RAUCH-350-SC fits version screwable + pluggable
R1.1	r3509102	Lock-nut SW12 M10x1-L10mm fits RAUCH-350-SC / RAUCH-250
R2	r4509102	Fume extraction tube for torch body RAUCH-350-SC/450-SC screwable
R3	r3509103	Fume extraction tube fits screwable gas nozzle with Swan neck complete with all consumables (contact tip 1,0), 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	r9193811	RAUCH-handle red
R11	91912440	Push button black 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	r9193812	RAUCH-air slider black
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)
N.i.	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)
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

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100% duty cycle (CO2) - 310A at 100% duty cycle (mixed gas)

	Art.-No.	
		Cable assembly for EURO central adapter, separate cables with power/wire conduit 44mm²
R20	ve290311	Spare cable assembly RAUCH-350-SC 3m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290411	Spare cable assembly RAUCH-350-SC 4m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R20	ve290511	Spare cable assembly RAUCH-350-SC 5m / without EURO central adapter exhaust hose ID38mm, complete with appr. 2,2m leather protection sleeve
R24	neu61002	Power/wire connector for separate lines
R25	neu61004	Hex nut for power connector separate lines
R26	neu61003	Tightening/swivel nut for power connector separate lines
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R28	r9644311	RAUCH power/wire conduit 44mm² / 3m Euro central adapter
R28	r9644411	RAUCH power/wire conduit 44mm² / 4m Euro central adapter
R28	r9644511	RAUCH power/wire conduit 44mm² / 5m Euro central adapter
N.i.	neu61021	Washer L3,7mm fits RAUCH power connection air-cooled for separate lines 37mm² + 44mm²
		Reel goods: **Prices are per meter and only applicable if a complete reel is purchased.**
N.i.	r3800001	Meter exhaust hose ID38mm (18m)
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	91700002	Fume central adapter connection-system for air-cooled torches complete. Consisting of: 91700061 + 91700011 + 91700021 + 91700032 + 91700151 + 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)
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.	91700032	Fume central adapter membrane OD35-8mm thick for the genuine Holch fume protected central adapter connection chamber for air-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
50.6	91700151	Fume central adapter seal set for air cooled torches to seal the opening in the fume protected connection chamber
N.i.	r9131002	Special high heat resistant O-ring ID33mm-W2mm for fume extraction connection chamber

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100% duty cycle (CO2) - 310A at 100% duty cycle (mixed gas)

	Art.-No.	
N.i.	91700111	Special high heat resistant O-ring ID46mm-W2mm fits fume extraction chamber
R51	91900106	Central adapter spring contact-pins EURO central adapter
R51	91900101	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	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
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
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!
R90	15451311	Guide spiral-liner blue ID1,5-AD4,5 fits 3m / EURO central adapter
R90	15451411	Guide spiral-liner blue ID1,5-AD4,5 fits 4m / EURO central adapter
R90	15451511	Guide spiral-liner blue ID1,5-AD4,5 fits 5m / EURO central adapter
R90	2045j311	Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter
R90	2045j411	Guide spiral-liner red ID2,0-AD4,5 fits 4m / EURO central adapter
R90	2045j511	Guide spiral-liner red ID2,0-AD4,5 fits 5m / EURO central adapter
R90	23481311	Spiral-liner green ID2,3-AD4,8 fits 3m / EURO central adapter
R90	23481411	Spiral-liner green ID2,3-AD4,8 fits 4m / EURO central adapter

MHS RAUCH-350-SC screwable

Welding-torch MIG-MAG air-cooled

350A at 100% duty cycle (CO2) - 310A at 100% duty cycle (mixed gas)

	Art.-No.	
R90	23481511	Spiral-liner green ID2,3-AD4,8 fits 5m / EURO central adapter
R90	2545j311	Guide spiral-liner yellow ID2,5-AD4,5 fits 3m / EURO central adapter
R90	2545j411	Guide spiral-liner yellow ID2,5-AD4,5 fits 4m / EURO central adapter
R90	2545j511	Guide spiral-liner yellow 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
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