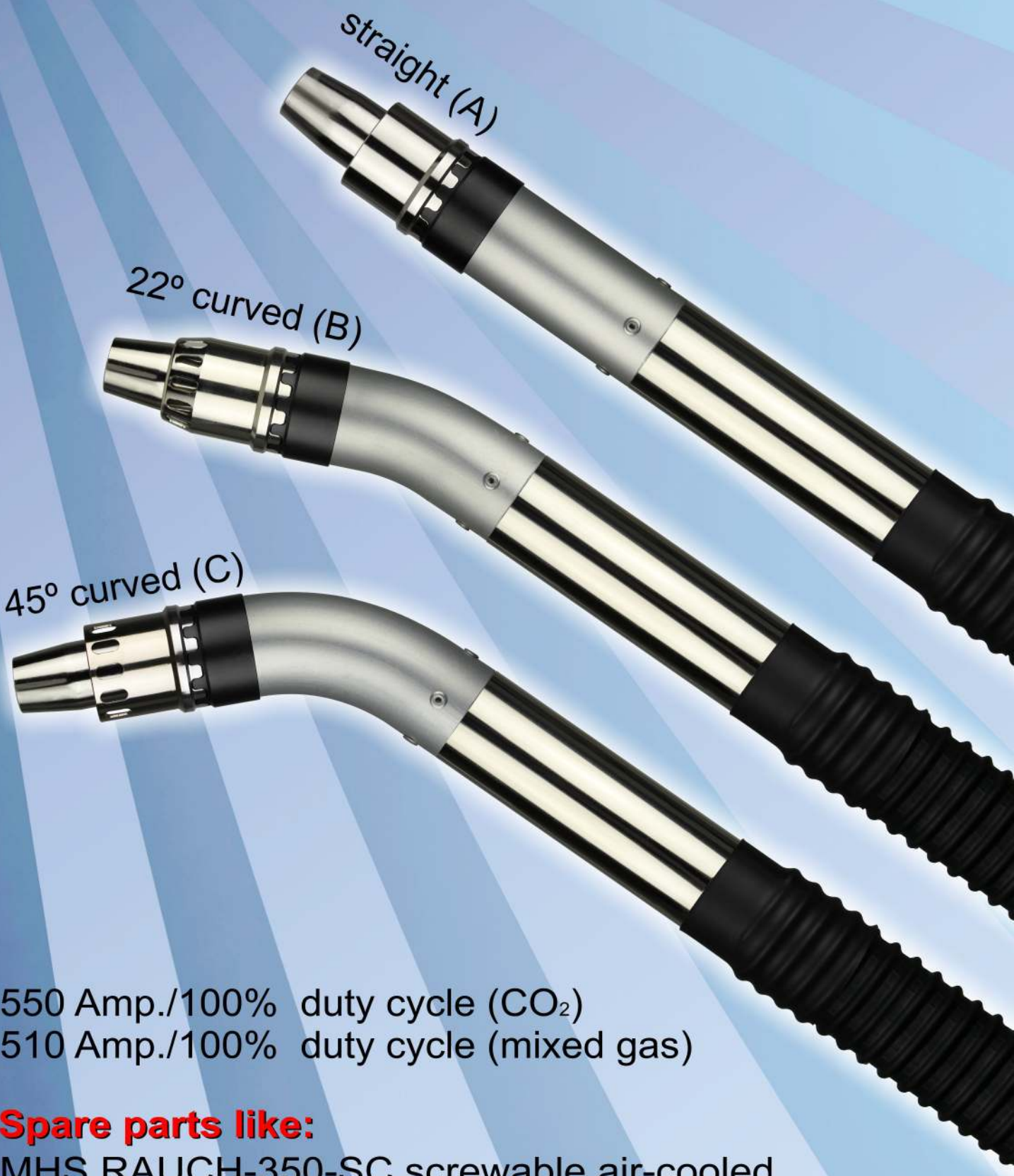
MHS AUT-RAUCH-450-SC

water-cooled **screwable**



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 1000

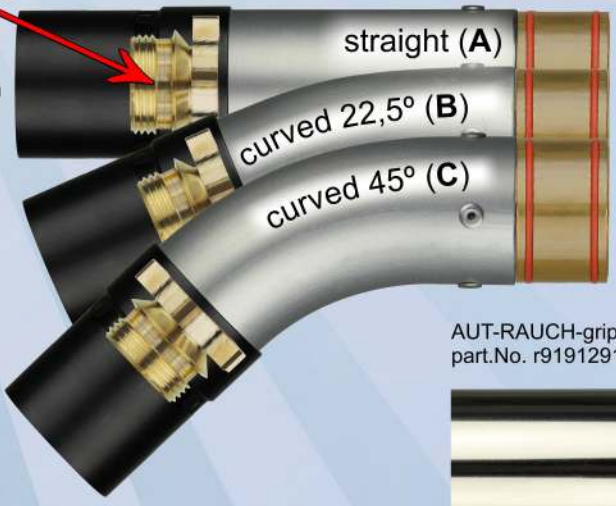
MHS AUT-RAUCH-450-SC screwable

water-cooled



Permanently installed in the extraction pipe

Extraction tube part No. r4509102



Torch body
part No. r4509101



AUT-RAUCH-grip tube part.No. r9191291

Heat shrink tubing part.No. s5081401

Extraction hose fits 3m part.No. r3800311





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

Adjustable extraction nozzles for frontal suction (brass plated)



part No. r9130002

Adjustable extraction nozzles for lateral suction (brass plated)



part No. r9130003



part No. r9130004



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



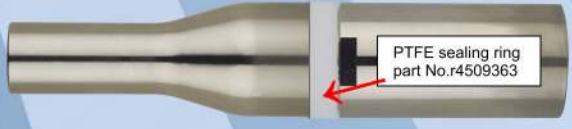
Insulation
back
part No.
r9121002



Lock spring
washer
part No.
r9120008



Narrow-gap contact tip M8-L85,5
part No.88551241



Narrow-gap gas nozzle
part No. r4509365

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



Narrow-gap extraction
nozzle conical
part No. r9130006

HSN 1002

Holch Schweißbrenner

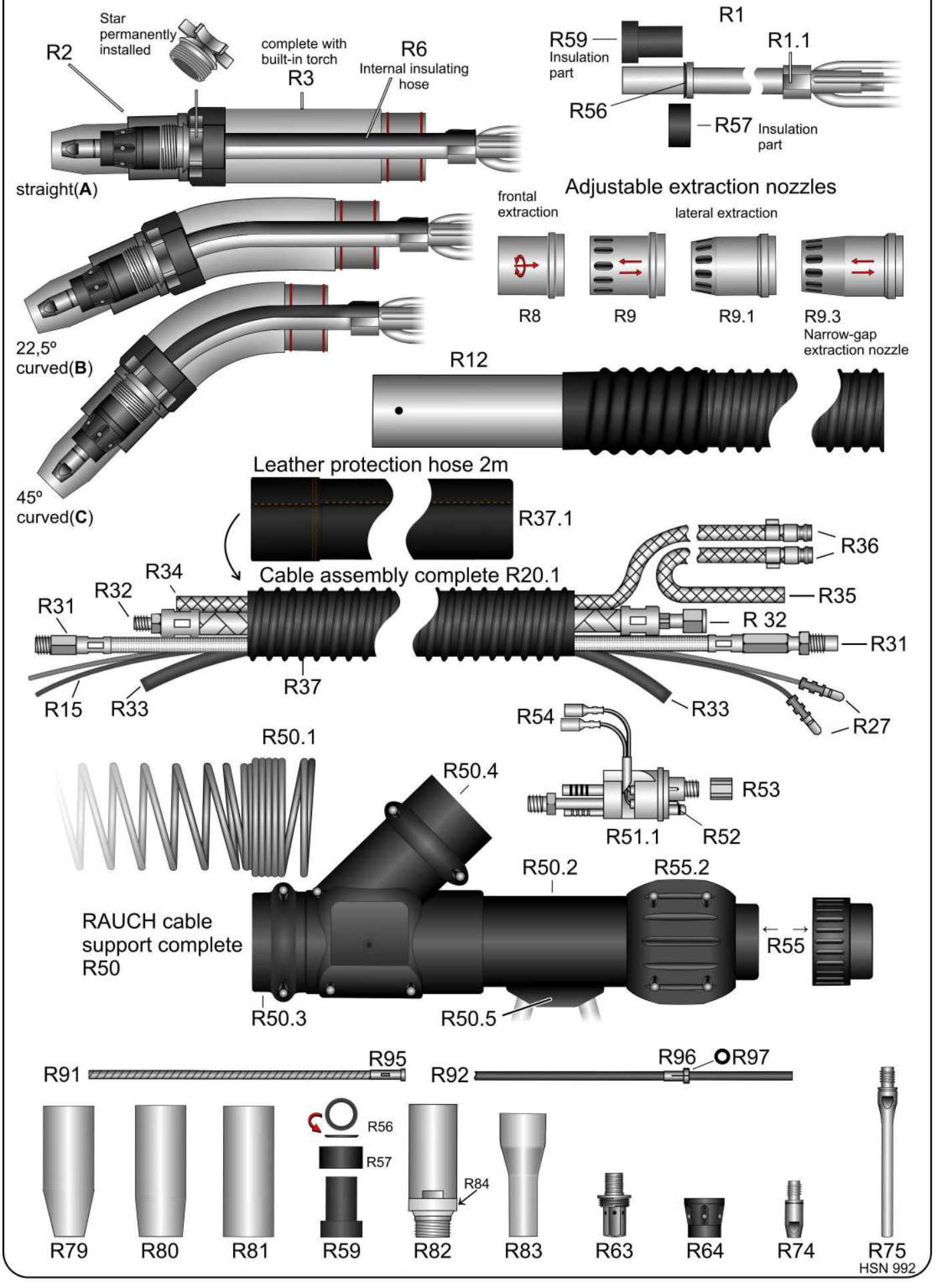
GETESTET EN 60974-7 ISO 9001:2015

www.holch-siegen.de

MADE IN GERMANY DAS ORIGINAL

MHS AUT-RAUCH-450-SC water-cooled screwable

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



MHS AUT-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
		RAUCH AUTomatic torches are available in the following versions: **A = 0°(straight), B = 22.5° curved, C = 45° curved** **Please state the desired version.**
	r4505311	AUTomatic-torch MHS RAUCH-450-SC screwable / 3m EURO central adapter
		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.**
	r4505301	AUTomatic-torch MHS RAUCH-450-SC screwable / 3m
R1A	r4509156	AUTomatic-torch body MHS RAUCH-450-SC with insulating hose (0°)
R1B	r4509155	AUTomatic-torch body MHS RAUCH-450-SC with insulating hose (22,5°)
R1C	r4509154	AUTomatic-torch body MHS RAUCH-450-SC with insulating hose (45°)
R2A	r4509153	Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (0°) screwable
R2B	r4509152	Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (22,5°) screwable
R2C	r4509151	Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (45°) screwable
R3A	r4509159	AUT fume extraction tube with AUT torch body (0°), complete with all consumables without fume extraction nozzle, screwable
R3B	r4509158	AUT fume extraction tube with AUT torch body (22,5°), complete with all consumables without fume extraction nozzle, screwable
R3C	r4509157	AUT fume extraction tube with AUT torch body (45°), complete with all consumables without fume extraction nozzle, screwable
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
R12	r9191291	AUT-RAUCH handle tube, brass-cladded L200-OD38mm, screws included
N.i.	s5081401	Section of 100mm of shrinking hose ID50,8mm Used for attaching the extaction hose + leather to the AUT-RAUCH handle tube
N.i.	s5081501	Section of 200mm of shrinking hose ID39mm Used for insulation of support lines inside the AUT-RAUCH handle tube
		Reel goods: **Prices are per meter and only applicable if a complete reel is purchased.**
	s5080001	Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)

MHS AUT-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.	
		Cable assembly for EURO central adapter consisting of: Exhaust hose, wire conduit, power/watercable, water hose, gas hose and control line.
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
R27	91902901	Male connector cable-plug for machine side EURO central adapter
R31	r950e311	Wire conduit RAUCH / 3m 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
		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
R37.1	r3800011	Leather-sleeve ID50mm appr. 2,2m long, for fume extraction hose ID-38mm
N.i.	r3805313	Fume extraction hose (section) ID38mm for AUT-RAUCH torch 3m/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)
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

MHS AUT-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.	
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)
R61	ven91984	Hexagon nut M10x1 SW14 with flange
R62	ven91985	Lock washer OD13-ID9,1mm
R64	ven98001	Tip/nozzle holder Rauch-250 / RAUCH-330
R70	83008401	Contact tip M8-L30-D10 CuCrZr 0,8
R70	83010401	Contact tip M8-L30-D10 CuCrZr 1,0
R70	83012401	Contact tip M8-L30-D10 CuCrZr 1,2
R70	83014401	Contact tip M8-L30-D10 CuCrZr 1,4
R70	83008a01	Contact tip M8-L30-D10 0,8-A for aluminium wire
R70	83010a01	Contact tip M8-L30-D10 1,0-A for aluminium wire
R70	83012a01	Contact tip M8-L30-D10 1,2-A for aluminium wire
R75	88551041	Narrow gap-contact tip M8-L85,5-D10 turned down to 6mm 0,8 - 1,0 CuCrZr
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
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	20450311	Guide spiral-liner ID2,0-AD4,5 fits 3m / EURO central adapter
R91	25450311	Guide spiral-liner ID2,5-AD4,5 fits 3m / EURO central adapter
R92	20393311	PTFE-carbon core liner ID2,0-AD3,9 fits 3m / EURO central adapter
R92	27473311	PTFE-carbon core liner ID2,7-AD4,7 fits 3m / EURO central adapter
R92	20406311	Carbon-PA core liner ID2,0-AD4,0 fits 3m / EURO central adapter
R92	23476311	Carbon-PA core liner ID2,3-AD4,7 fits 3m / EURO central adapter
R92	20404311	ULTRA-liner (brown) ID2,0-OD4,0 fits 3m / EURO central adapter
R92	23474311	ULTRA-liner (brown) ID2,3-OD4,7 fits 3m / EURO central adapter

MHS AUT-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.	
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
R97	91906131	O-ring ID3,5-W1,5mm fits core liners
N.i.	91906112	Support tube, brass ID4,4 - AD5,0 - L200mm