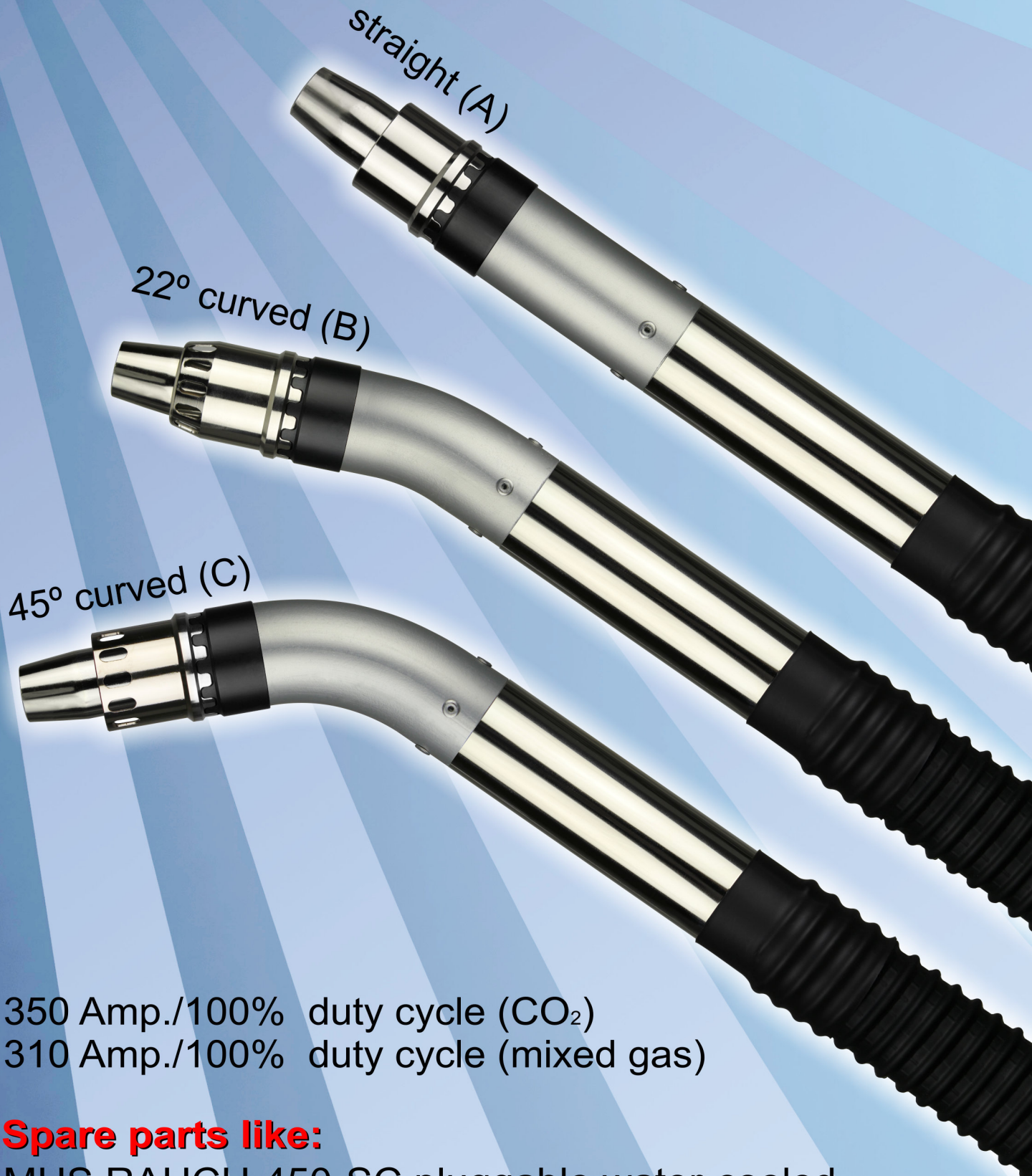


MHS AUT-RAUCH-350-SC

air-cooled

pluggable



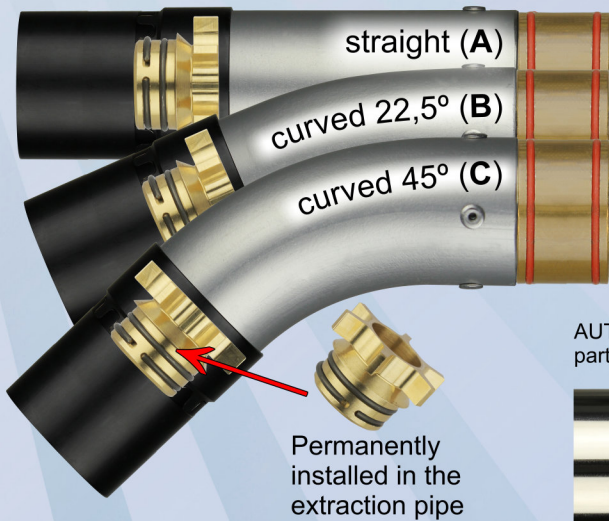
350 Amp./100% duty cycle (CO₂)
310 Amp./100% duty cycle (mixed gas)

Spare parts like:

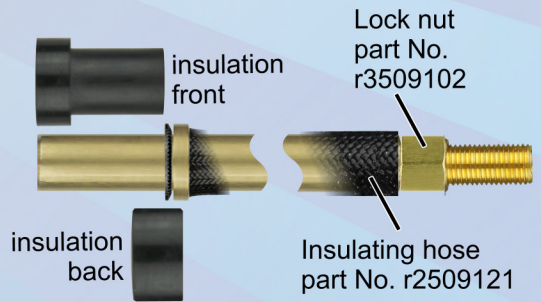
MHS RAUCH-450-SC pluggable water-cooled

MHS AUT-RAUCH-350-SC pluggable air-cooled

Extraction tube part No. r4509102



Torch body
part No. r3509101



AUT-RAUCH-grip tube
part.No. r9191291

Heat shrink tubing
part.No. s5081401

Extraction hose fits 3m
part.No. r3800311



Gas nozzle
pluggable
conical
ID 16mm
part No.
r9300001



Adjustable extraction nozzles (brass plated)

for
frontal
suction
internal
O-ring
part No.
r9131001
part No. r9130002

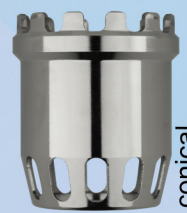


for lateral suction

cylindrical
part No. r9130003



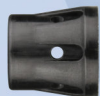
conical
part No. r9130004



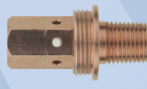
Contact tip M8 x 30
part No. 830 □ 401
(CuCrZr)
□ Please fill in
wire diameter



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



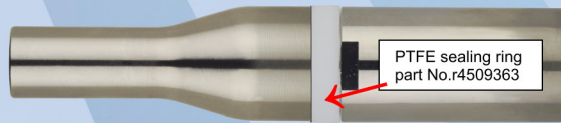
Lock spring
washer
part No.
r9120008



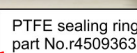
Narrow-gap contact tip M8-L85,5
part No.88551241



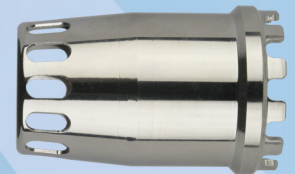
Narrow-gap gas nozzle
part No. r4509365



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



Narrow-gap extraction
nozzle conical
part No. r9130006

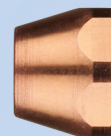


Combined gas/fume-extraction system

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



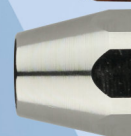
Gaz nozzle tip, short
L - 22mm
part No. r9360002



Contact tip M8 x 36
part No. 836 □ 401
(CuCrZr)
□ Please fill in wire diameter



Gaz nozzle tip, long
L - 28mm
part No. r9360003



Gas nozzle base
with integrated



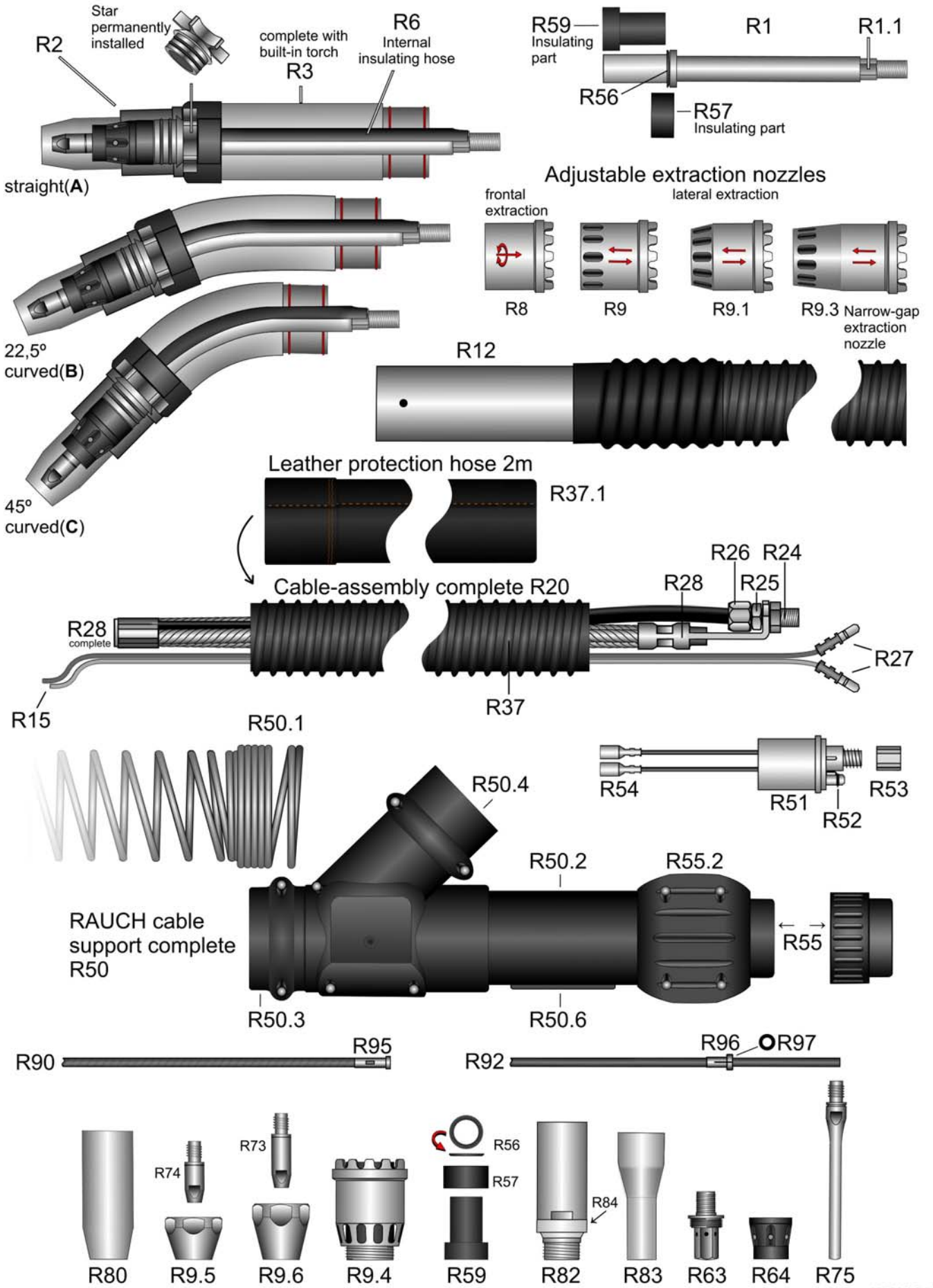
suction nozzle
part No. r9360001

HSN 1005

MHS AUT-RAUCH-350-SC air-cooled pluggable



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



HSN 991

MHS AUT-RAUCH-350-SC pluggable

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 pluggable water-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.

r3505312 AUTomatic-torch MHS RAUCH-350-SC pluggable / 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.

r3505302 AUTomatic-torch MHS RAUCH-350-SC pluggable / 3m

R1A r3509153 AUTomatic-torch body MHS RAUCH-350-SC with insulating hose (0°)

R1B r3509152 AUTomatic-torch body MHS RAUCH-350-SC with insulating hose (22,5°)

R1C r3509151 AUTomatic-torch body MHS RAUCH-350-SC with insulating hose (45°)

R1.1 r3509102 Lock-nut SW12 M10x1-L10mm fits RAUCH-350-SC / RAUCH-250

R2A r3509156 Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (0°) pluggable

R2B r3509155 Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (22,5°) pluggable

R2C r3509154 Fume extraction tube MHS RAUCH-350-SC / MHS RAUCH-450-SC (45°) pluggable

R3A r3509259 AUT fume extraction tube with AUT torch body (0°), complete with all consumables without fume extraction nozzle, pluggable

R3B r3509258 AUT fume extraction tube with AUT torch body (22,5°), complete with all consumables without fume extraction nozzle, pluggable

R3C r3509257 AUT fume extraction tube with AUT torch body (45°), complete with all consumables without fume extraction nozzle, pluggable

R6 r2509121 Section of silicone/glas insulating hose ID12,6-L125mm heat resistant up to 200°C

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

R9.4 r9360001 Combined gas- and fume- extraction nozzle for gas nozzle tops L-22mm and L-28mm

R9.5 r9360002 Gas nozzle top L-22mm for combined gas extraction nozzle (use contact tip M8x30)

R9.6 r9360003 Gas nozzle top L-28mm for combined gas extraction nozzle (use contact tip M8x36)

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 extraction hose + leather to the AUT-RAUCH handle tube

o.A 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.

N.i. s5080001 Meter shrinking hose, heatresistant 2:1, ID50,8mm (5m)

MHS AUT-RAUCH-350-SC pluggable

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 | ve295311 | Spare cable assembly AUT-RAUCH-350-SC 3m / without EURO central adapter exhaust hose ID38mm, complete with ball joint and 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 |
| R28 | r9644311 | RAUCH power/wire conduit 44mm ² / 3m Euro central adapter |
| N.i. | neu61021 | Washer L3,7mm fits RAUCH power connection air-cooled for separate lines 37mm ² + 44mm ² |

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 |
| R37.1 | 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 | 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 |
| R50.6 | 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 |
| 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) |

MHS AUT-RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

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

| Art.-No. | | |
|---|----------|--|
| 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 |
| | | |
| R73 | 83608401 | HD-contact tip M8-L36-AD10 CuCrZr 0,8 |
| R73 | 83610401 | HD-contact tip M8-L36-AD10 CuCrZr 1,0 |
| R73 | 83612401 | HD-contact tip M8-L36-AD10 CuCrZr 1,2 |
| R73 | 83614401 | HD-contact tip M8-L36-AD10 CuCrZr 1,4 |
| R73 | 83616401 | HD-contact tip M8-L36-AD10 CuCrZr 1,6 |
| | | |
| 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 | 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 | 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 |
| | | |
| R80 | r9300002 | Pluggable gas nozzle conical-ID16mm |
| R82 | r4509364 | Narrow-gap lower section pluggable 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 | 2045j311 | Guide spiral-liner red ID2,0-AD4,5 fits 3m / EURO central adapter |
| R90 | 23481311 | Spiral-liner green ID2,3-AD4,8 fits 3m / EURO central adapter |
| R90 | 2545j311 | Guide spiral-liner yellow 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 |
| | | |
| N.i. | 20405002 | Brass spiral liner (marked blue) ID2,0-OD4,0mm L300mm fits liner OD3,9/4,0mm |

MHS AUT-RAUCH-350-SC pluggable

Welding-torch MIG-MAG air-cooled

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

| Art.-No. | | |
|-----------------|----------|---|
| 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 |