



Equipment for wire diameter 2,0-2,8 TPS/i welding torches

Heavy Duty welding torches MTW 750i

- Designed for highest performance in the water cooled area
- Especially for thick wires (Aluminium up to 2,4mm, flux cored wire up to 2,8mm)
- Wear parts on torch body are identical to MTW 700i
- Technical data: 100% duty cycle: 750A CO₂ and mixed gas
- Attention: only with FSC available! No F++ or Euro connector possible

MTW 750i manual welding torches

4,035,993 MTW 750i /FSC/3,5m/45°/LED

4,035,994 MTW 750i /FSC/UD/3,5m/45°/LED

4,035,995 MTW 750i /FSC/JM/3,5m/45°/LED



MTW 750i automatic welding torches

4,035,997 MTW 750i M /FSC/1,5m

4,035,998 MTW 750i M /FSC/2,5m

4,035,999 MTW 750i M /FSC/3,5m



Heavy Duty welding torches MTW 750i

Wear parts for aluminium 2,4mm (solid wire):

44,0350,4245 clamping piece 2.4 Al

42,0001,6472,10 contact tip 2,4 / M8x1,5 / ø10x32 1

40,0001,0578 teflon inner liner 2,4 / 4,0x1,5 / Al

Verschleißteile for steel 2,4mm (flux cored wire):

40,0002,0013 steel inner liner blank 2,4

42,0001,6472,10 contact tip 2,4 / M8x1,5 / ø10x32

42,0001,4589,5 clamping piece 2,8 SSFCW

Wear parts for steel 2,8mm (flux cored wire):

40,0002,0012 bare steel inner liner 2,8

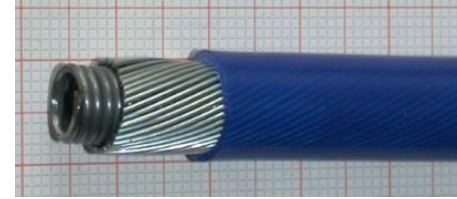
42,0001,4642,10 contact tip 2,8 / M8x1,5 / ø10x32

42,0001,4589,5 clamping piece 2,8 SSFCW

Use standard TPS/i wear parts for ø1,2-2,0.

Hose packs for steel wire diameters up to 2,8mm

- 4,051,095 MHP 700i W ML/FSC/3,35m/FC
- 4,051,096 MHP 700i W ML/FSC/4,35m/FC



- Hose packs are equipped with steel wire feeding hose
 - Inner diameter: 5,4mm
- No inner liner required

- 42,0001,4589,5 Clamping piece 2,0 - 2,8



- Flat inner liner for Multilock torch body: 40,0002,0020 (yard ware)
 - Inner diameter: 3,4mm
 - Outer diameter: 4,75mm



Gascooled for self shielded flux cored wires up to 2,8mm

- **MTB 360i G ML Multilock torch bodies**

- 44,0350,4243 MTB 360i G ML FC /50°/L203/H74
- 44,0350,4244 MTB 360i G ML FC/80°/L129/H149
- order contact tip M8x1,5 separately

- **MHP 550i G ML hose packs**

- 4,051,081 MHP 550i G ML/FSC/3,35m
- 4,051,082 MHP 550i G ML/FSC/4,35m
- 4,051,083 MHP 550i G ML/FSC/UD/3,35m
- 4,051,084 MHP 550i G ML/FSC/UD/4,35m

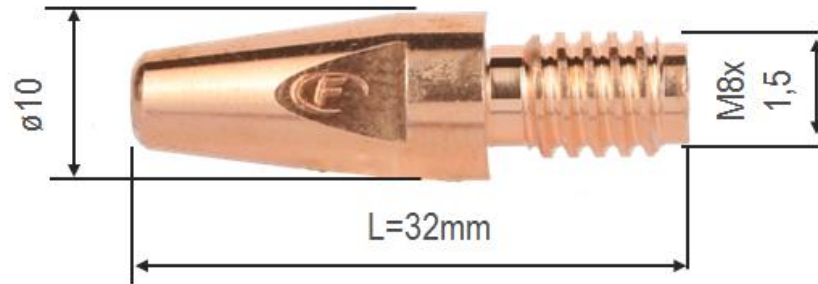
- **Inner liner & Clamping piece:**

- 40,0002,0013 Bare steel inner liner 2,4 (for diameter 1,2/1,6/2,0)
- 40,0002,0012 Bare steel inner liner 2,8 (for diameter 2,0/2,4/2,8)
- 42,0001,4589,5 Clamping piece 2,0 - 2,8



Contact tips

- 42,0001,6471,10 Contact tip 2,0/M8x1,5/ø10x32 (10 pc.)
- 42,0001,6472,10 Contact tip 2,4/M8x1,5/ø10x32 (10 pc.)
- 42,0001,4642,10 Contact tip 2,8/M8x1,5/ø10x32 (10 pc.)
- 42,0001,0141,10 Contact tip 3,2/M8x1,5/ø10x32 (10 pc.)



Equipment for standard hose packs

But is not recommended!

– For Aluminum 2,0mm

- 44,0350,3616 Combi inner liner W Al 2,0m/3,8m/ID3,0/AD4,7
- 44,0350,3617 Combi inner liner W Al 2,0m/4,8m/ID3,0/AD4,7
- 44,0350,3321,5 Clamping piece 2,0



– For Steel 2,0-2,8mm

- Flat inner liner 40,0002,0020 (yard ware)
 - Inner diameter: 3,4mm
 - Outer diameter: 4,75mm
- Clamping piece 42,0001,4589,5



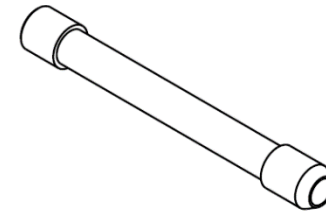
Feed rolls

- 44,0001,1423 Feed roll 2,0 R
- 44,0001,1424 Feed roll 2,4 R
- 44,0001,1425 Feed roll 2,8 R



–Wire guide part:

- 42,0001,4342 wire guide part ø2,0 up to ø2,4mm wire
- For wire diameter ø2,8 remove the wire guide part





All information is without guarantee in spite of careful editing – liability excluded.

Intellectual property and copyright: all rights reserved.
Copyright law and other laws protecting intellectual property apply to the content of this presentation and the documentation enclosed (including texts, pictures, graphics, animations etc.) unless expressly indicated otherwise. It is not permitted to use, copy or alter the content of this presentation for private or commercial purposes without explicit consent of Fronius.