



RoboMIG **TBi RM 50W**

Technical data

Robot welding torch TBi RM 50W

Rating at 100% duty cycle
(10 min. cycle)

- Mixed gas: 9.5 kW (approx. 270 - 300 A)

Cooling method 1-circuit water cooling

Wire diameter 0.8 - 1.2 mm

Gas consumption from 8 l/min

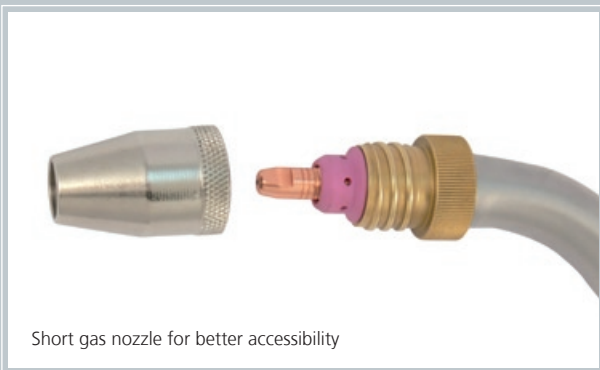
Gas flow 1 channel for protective and blow-out gas

Weight approx. 0.70 kg

Technical specification according to IEC 60974-7

Connection TBi WH flange compatible to our WH cable assemblies, PowerPull wire feeders and quick-change adaptor.

Torch rating will be reduced when using pulse-arc power sources.



Short gas nozzle for better accessibility

Ordering information

**TBi RM 50W,
Torch neck with nozzle holder**

**for direct clamping
45°**

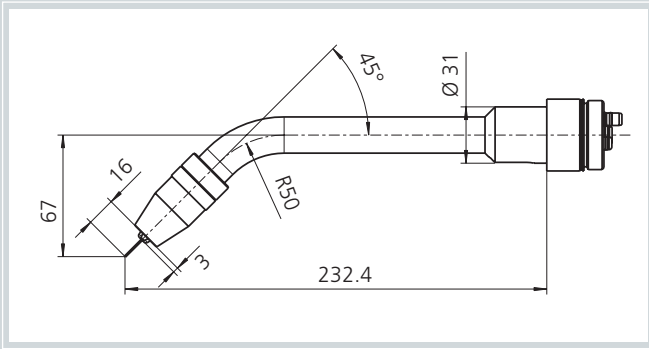
**for quick-change adaptor
45°**

Please order consumables separately as needed.

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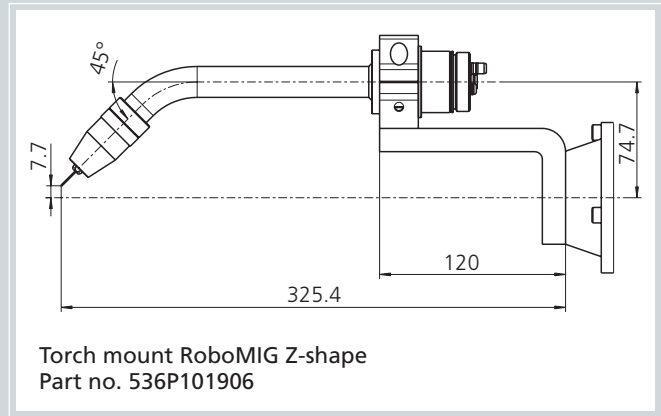
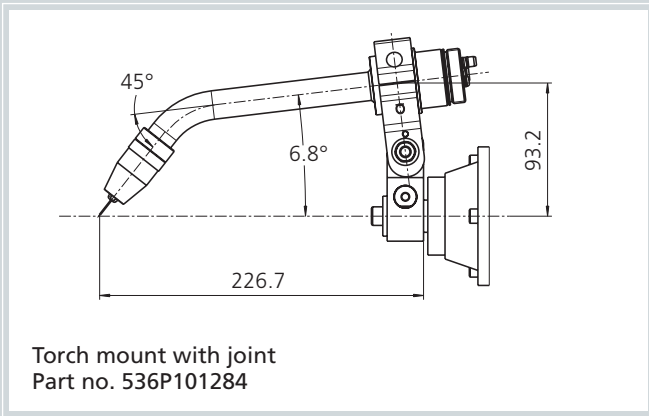
Dimensions



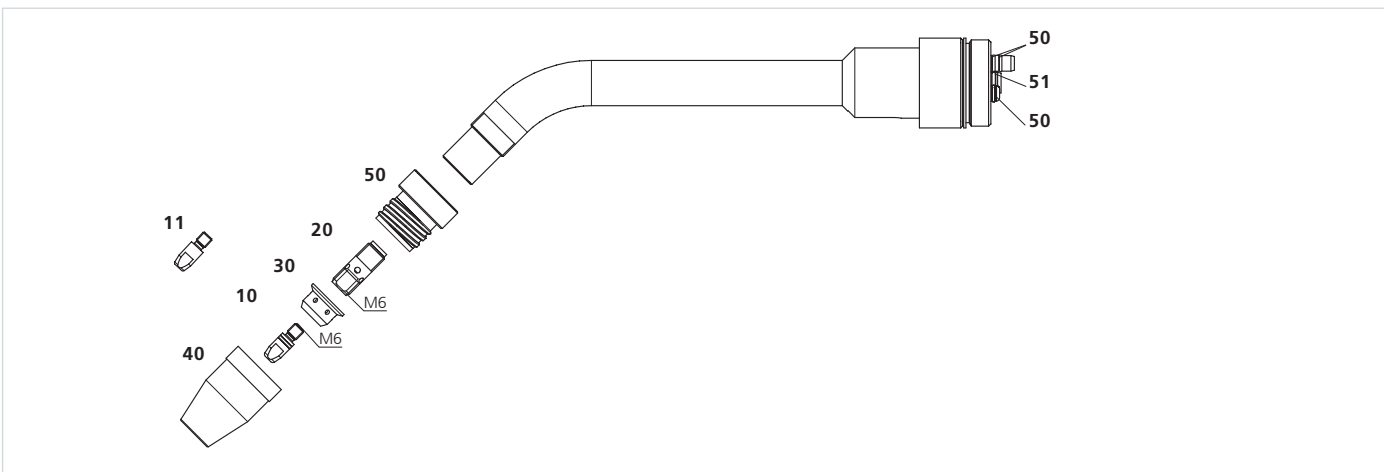
The TBI RoboMIG welding torch RM 50W has a very rugged design with a stainless steel outer tube. Therefore, the factory set TCP will neither be changed by thermal stresses during welding nor collisions.

The compact and short torch head of the TBI RoboMIG RM 50G / 50W welding torches offers an exceptionally good accessibility. The changeable nozzle holder allows the end user to easily recondition the torch even after a long time of use.

When ordering, please make sure to choose the correct type for either direct clamping or for the quick-change adaptor. The torches are adjusted differently and must be used only for the corresponding mounting option.



Spare parts and consumables



Pos.	Description	Part no.
Contact tips		
▶ 10	Contact tips M6x22, StarTip	344P_6092*
11	Contact tip M6x22, ECu	340P_1092*
Tip holder		
▶ 20	Tip holder M6	671P102079
Nozzle insulator		
▶ 30	Nozzle insulator ceramic	875P102010

Pos.	Description	Part no.
Gas nozzle		
▶ 40	Nozzle con. NW 14.0 mm	345P155875
Spare parts		
50	Nozzle holder	671P102067
51	O-ring 5.0x1.2 mm	365P120050
52	O-ring 7.0x1.5 mm	365P150070

▶ = Standard equipment

* At the blank, please insert suitable information for wire diameter, e.g. 08 for 0.8 mm.

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