

Torch heads DIX METZ 540/542/544/548

For separable torch sets, ECO.torch, LITE.torch and REVO.torch (up to 450A)

Properties

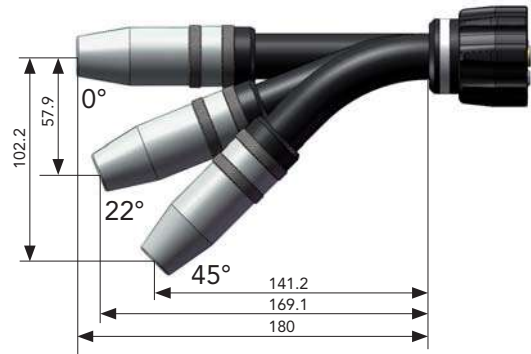
- No gas loss due to separate shield gas feed
 - Integrated air blast
 - TCP reachable by fixed and adjustable bracket
 - Reproducible position by using checking jig with aligning module
 - Precise shock sensor
 - Tool changer with storage station
-
- For hollow shaft robots
 - Unlimited rotation of the torch head
 - Torsion free welding torch set
 - Service friendly double separability at the rotary interface and the wire feeder
 - No gas loss due to separate shield gas feed
 - No time loss for purging after air blast, immediate start of welding

Application

- Non- and low alloyed steels
- High alloyed steels
- Aluminium-, magnesium-, copper-and nickel alloys
- Medium to large material thicknesses

A

METZ 54x



B

METZ 548



For ECO.torch, LITE.torch and REVO.torch

The center point of the sixth robot axis will be cut with a stickout of 15 mm.

Hint:

Information to the appropriate torch sets you will find in chapter MIG/MAG AUTOMATION Torch sets.

Technical data (DIN EN 60 974-7):

Dual - circuit cooling system

Gas nozzle:	trapezoid thread
CO ₂ :	duty cycle 450A/100%
Mixed gas:	400A/100%
Wire diameter:	1.0 - 1.6 mm

Description	Dimension	Part name	Part number
A Torch head	0°	DIX METZ 540	631354001
Torch head	22°	DIX METZ 542	631354002
Torch head	45°	DIX METZ 544	631154001
B Torch head	30°	DIX METZ 548	631154019

Hint:

Liners, capillary liners and service tools you will find in chapter tools and accessories.