

Aristo[®] RT NG

Narrow gap robotic torch



Narrow gap torches are the perfect solution for welding in tight places. These torch necks are able to connect to any of the ESAB Standard or Hollow Wrist torches. This simplifies changeover and minimizes cost.

- Useful in hard to reach welds
- Gas and water-cooled versions available
- Lateral welding for perfect penetration
- Torch can be rotated to reach different welding positions
- Attractively priced consumables

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Industry

- Automotive
- Transportation
- Industrial and General Fabrication
- Light Fabrication
- Ship/Barge Building



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Specifications

Duty Cycle (10 min cycle) Gas-Cooled	Mixed gas 250 A / 60 % , 150 A / 100 % CO ₂ 300 A / 60 % , 180 A / 100 %
Duty Cycle (10 min cycle) Water-Cooled	Mixed gas 250 A / 100 % CO ₂ 300 A / 100 %
Wire Diameter	0.8 – 1.2 mm (.03 - .05 in.)
Weight	0.66 kg (1.5 lbs)
Standards	IEC 60974-7

For further information, please contact your ESAB Robotic Specialist.

Ordering Information

RT42NG Narrow Gap Torch, Gas-Cooled	0700300729
RT42NG Narrow Gap Torch, Water-Cooled	0700300643

Consumables

Contact Tip, bent. 0.9 mm	0700300726
Contact Tip, bent. 1.0 mm	0700300727
Contact Tip, bent. 1.2 mm	0700300728
Contact Tip Holder (for RT42NG)	0700300650
Tip Adapter with nut cpl.	0700300644
Insulator Ceramic RT 42	0700300392
Gas Nozzle 45° (for RT42NG)	0700300646
Short nut M10x1 for 0700300644 Tip Adapter	0700300649
Neck Liner steel 0.8-1.2mm	0700300469
Adjustment Tool (for RT42NG)	0700300647

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