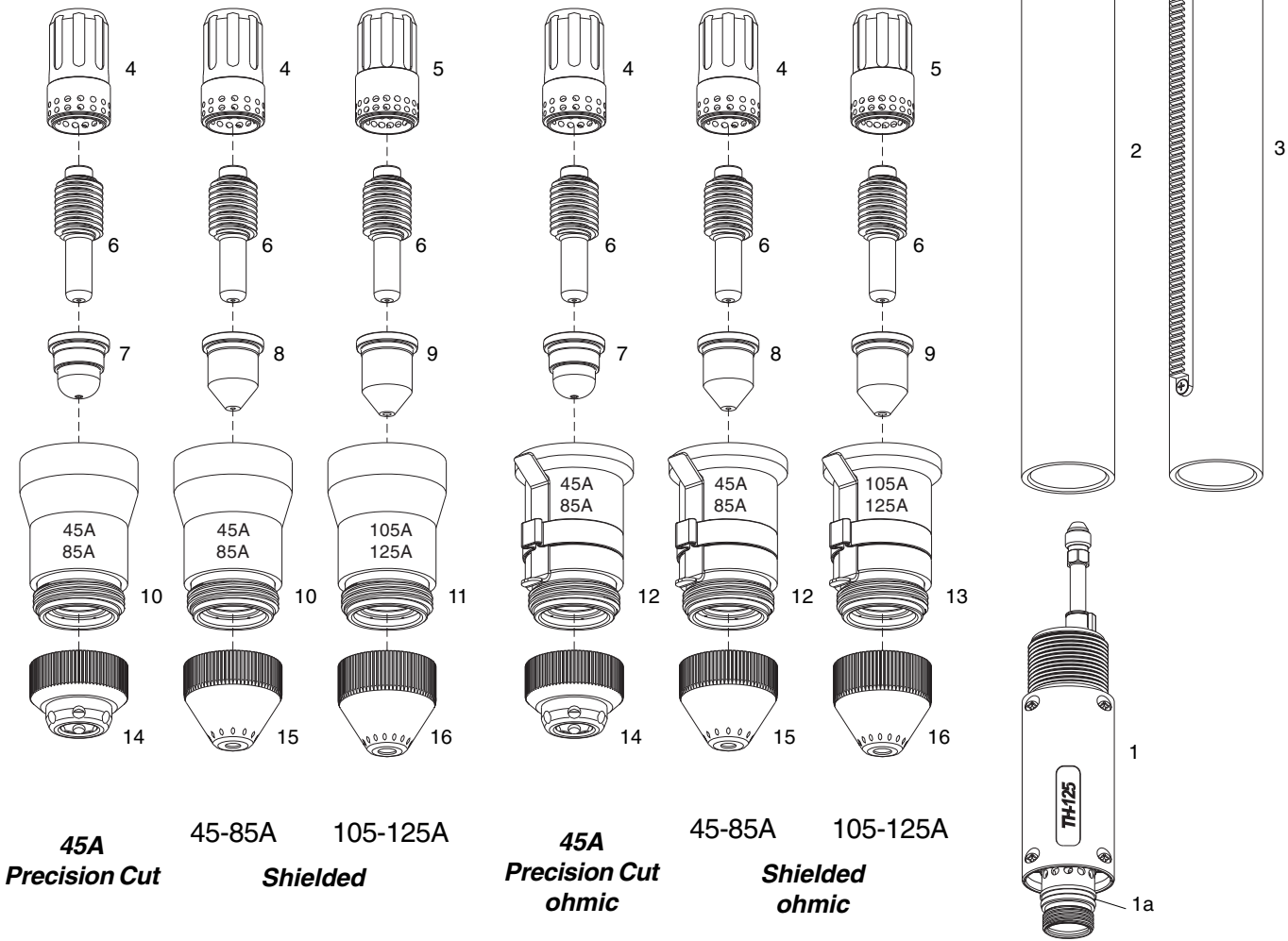


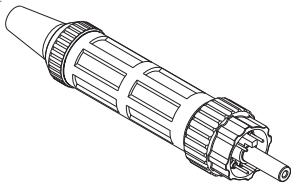
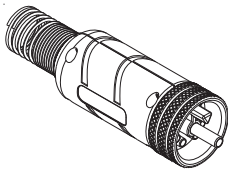
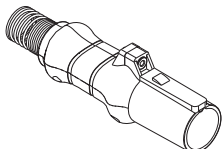
PLASMA CUTTING TORCHES

Technical Data

Current : 40-125 Amps
 Duty Cycle: 125 Amps at 60%
 Gas: Air/N2
 Gas Pressure
 - Cutting: 72-87 PSI (5.0-6.0 bar)
 - Gouging: 58-65 PSI (4.0-4.5 bar)
 Gas Flow at 125A: 630 SCFH (295 lpm)
 Post Flow Time : 45 sec
 Pilot : Electrode to Tip (15-18A)
 Ignition: Without HF

For the correct operation please use:
 3-Ways Solenoid Valve, inside orifice
 4.5-5.5mm - (0.178-0.217 inches)



Air or N₂**TM-125eco**● **Standard Layout****TM-125**● **Standard Layout****Air Filter
AT-1000****Standard
Connection
Euro Connector****EASYFIT
Connection
Patented****HY
Connection
Patent Pending****Replacement Parts****Torch parts**

1	● ●	TM-125 180° Machine Torch Head	03710
1a		O-Ring	03700.60
2	● ●	Fiberglass Positioning Tube	07218
3		Fiberglass Positioning Tube With Rack	07219
4		Swirl ring, 45-85A ECO	60042E
4		Swirl ring, 45-85A Maximum Life	60042
	●	Swirl ring, 100-125A ECO	60040E
	●	Swirl ring, 100-125A Maximum Life	60040
6	● ●	Electrode, 45-125A	52677
7		Tip, Cutting, 45A Precision Cut	51415
8		Tip, Cutting, 45A	51416
		Tip, Cutting, 65A	51417
		Tip, Cutting, 85A	51418
9		Tip, Cutting, 105A	51419
	● ●	Tip, Cutting, 125A	51419.16
10		Shield Cup Body, 45-85A ECO	60309EA
		Shield Cup Body, 45-85A Maximum Life	60309TA
11	●	Shield Cup Body, 100-125A ECO	60309EC
	●	Shield Cup Body, 100-125A Maximum Life	60309TC
12		Shield Cup Body, 45-85A Ohmic ECO	60309EHA
		Shield Cup Body, 45-85A Ohmic Maximum Life	60309THA
13		Shield Cup Body, 100-125A Ohmic ECO	60309EHC
		Shield Cup Body, 100-125A Ohmic Maximum Life	60309THC
14		Shield Cap, 45A Precision Cut	51929
15		Shield Cap, Machine, 45-85A	51922
16	● ●	Shield Cap, Machine, 100-125A	51927

CompleteTorches ECO

TM-125 ECO 180° Machine Torch, 6m (20 ft) Leads,
Rubber Cable, Euro Connector 03731-6

TM-125 ECO 180° Machine Torch, 12m (40 ft) Leads,
Rubber Cable, Euro Connector 03731-12

CompleteTorches Maximum Life

TM-125 180° Machine Torch, 6m (20 ft) Leads,
Coaxial Cable, Euro Connector 03731CX

TM-125 180° Machine Torch, 12m (40 ft) Leads,
Coaxial Cable, Euro Connector 03736CX

Torches with different connectors available on request.