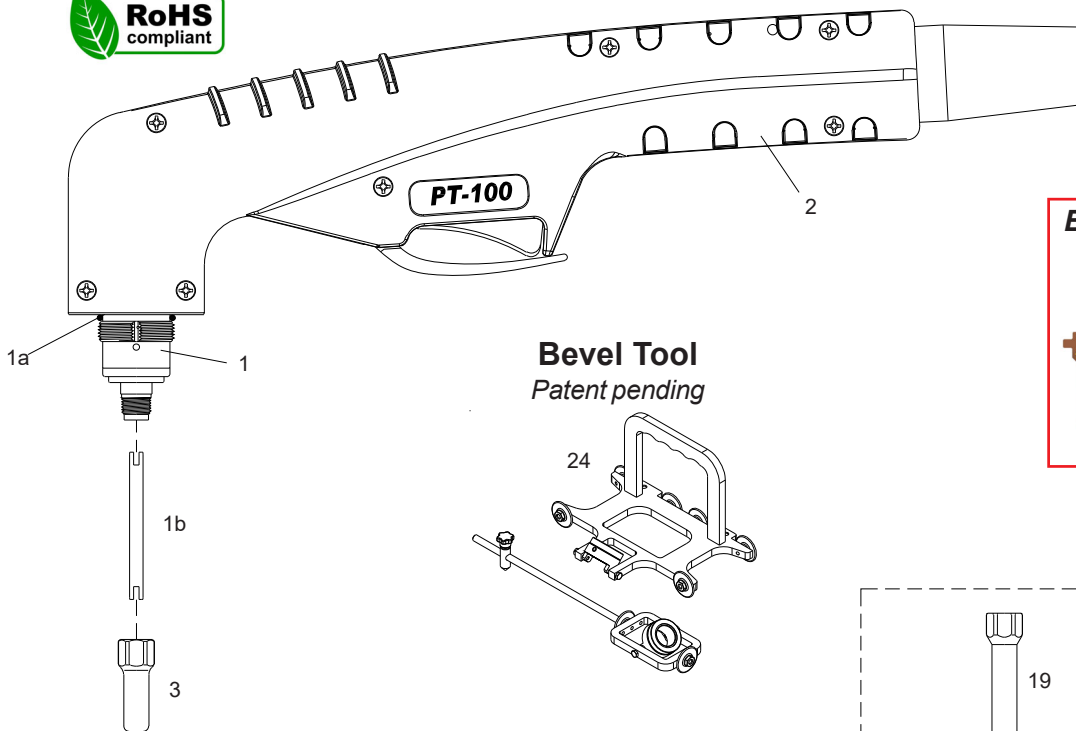
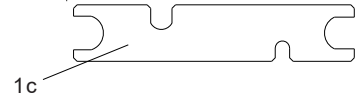


PLASMA CUTTING TORCHES

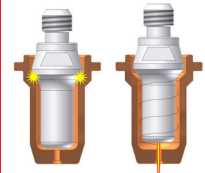
Tecnical Data

Current:	30-100 Amps
Duty Cycle:	100 Amps 60%
Gas:	Air/N2
Gas Pressure:	70-80 psi (4.8-5.5 bar)
Gas Flow:	510 scfh (240 lpm)
Post Flow Time:	45 sec
Pilot:	Electrode to Tip (18-22A)
Ignition:	Without HF

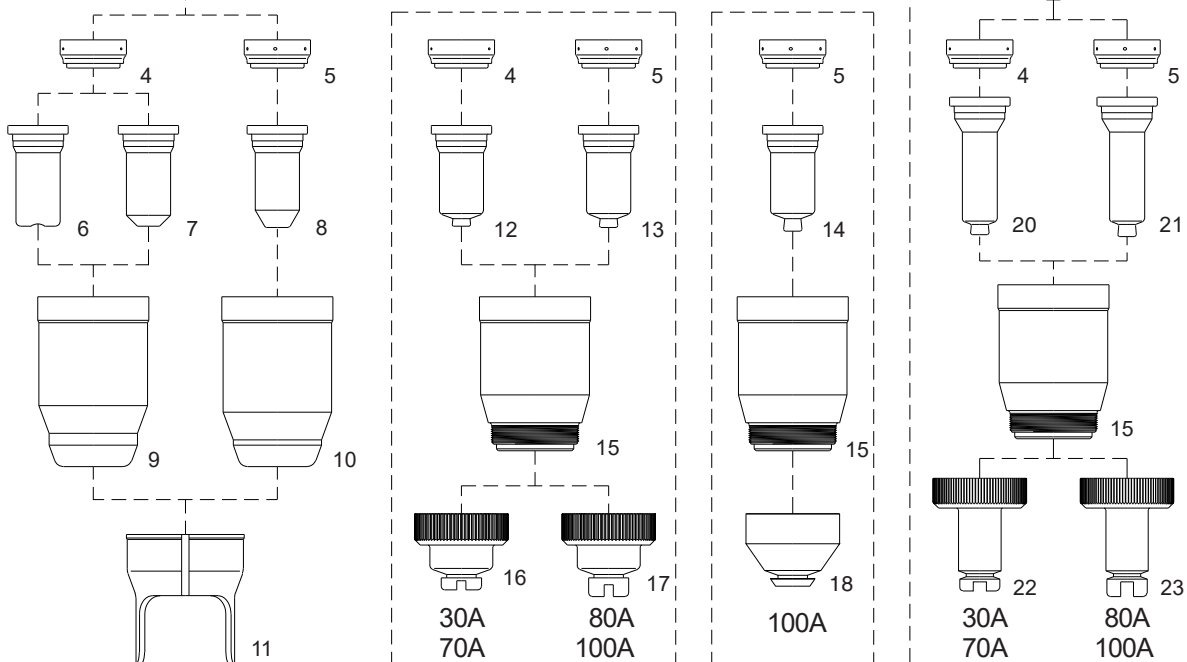
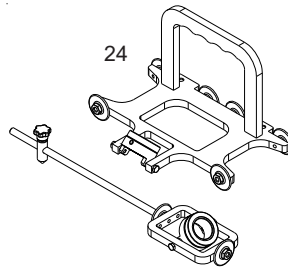
For the correct operation please use:
3-Ways Solenoid Valve, inside orifice
3.5-4.0mm - (0.138-0.157 inches)



**Back Striking
Patented**



Bevel Tool
Patent pending



STAND-OFF

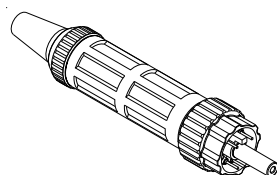
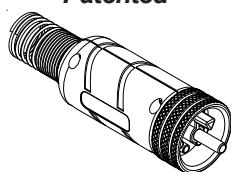
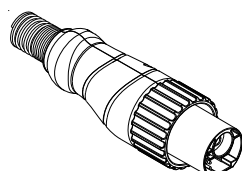
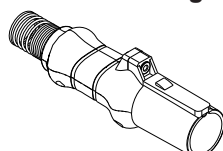
CONTACT

GOUGING

EXTENDED

Air or N₂
PT-100
 ● **Standard Layout**

 Air Filter
AT-1000

 Standard
 Connection
Euro Connector

EASYFIT
 Connection
Patented
**TD Connector**
HY
 Connection
Patent Pending
**Replacement Parts****Torch parts**

Item	Description	Code
1 ●	PT-100 Hand Torch Head	09700
1a	O-Ring	51190.41
1b	Cooling Tube	09700.48
1c	Wrench for electrode	60368
2 ●	Handle with parts	09705
3 ●	Electrode, Back Striking	52556
4	Swirl ring, 30-70A	60025
5 ●	Swirl ring, 80-100A and Gouging	60026
6	Tip, Contact Cutting, ø 0.9, 30-40A, Back Striking	51245.09
7	Tip, Cutting, ø 1.0, 40-50A, Back Striking	51246.10
	Tip, Cutting, ø 1.1, 50-60A, Back Striking	51246.11
	Tip, Cutting, ø 1.2, 60-70A, Back Striking	51246.12
8	Tip, Cutting, ø 1.4, 80-90A, Back Striking	51248.14
●	Tip, Cutting, ø 1.5, 100A, Back Striking	51248.15
9	Retaining Cap, 30-70A	60500
10 ●	Retaining Cap, 80-100A	60501
11 ●	Double Pointed Spacer (for use with item. 7 and 8 only)	60444
N/S ●	Wrench for electrode	60368

Torches and Leads

PT-100	Hand Torch, 6m (20 ft) Leads, Coaxial Cable	09721CX
PT-100	Hand Torch, 12m (40 ft) Leads, Coaxial Cable	09726CX

Accessories

Item	Description	Code
12	Contact Tip, ø 1.0, 40-50A, Back Striking	51276.10
	Contact Tip, ø 1.1, 50-60A, Back Striking	51276.11
	Contact Tip, ø 1.2, 60-70A, Back Striking	51276.12
13	Contact Tip, ø 1.4, 80-90A, Back Striking	51278.14
	Contact Tip, ø 1.5, 100A, Back Striking	51278.15
14	Tip, Gouging, 100A, Back Striking	51278G.22
15	Shield Cup Body	60502
16	Shield Cap, Hand, 40-70A	60504
17	Shield Cap, Hand, 80-100A	60505
18	Shield Cap, Gouging	60508
19	Extended Electrode	52556L
20	Extended Shielded Tip, ø 1.0, 40-50A,	51276L.10
	Extended Shielded Tip, ø 1.1, 50-60A,	51276L.11
	Extended Shielded Tip, ø 1.2, 60-70A,	51276L.12
21	Extended Shielded Tip, ø 1.4, 80-90A,	51278L.14
	Extended Shielded Tip, ø 1.5, 100A,	51278L.15
22	Extended Shielded Cap, Hand, 40-70A	60504L
23	Extended Shielded Cap, Hand, 80-100A	60505L
N/S	Circle Cutting Attachment	51864
24	BEVEL TOOL	51887

**Torches with different cable covers
and connectors available on request.**