

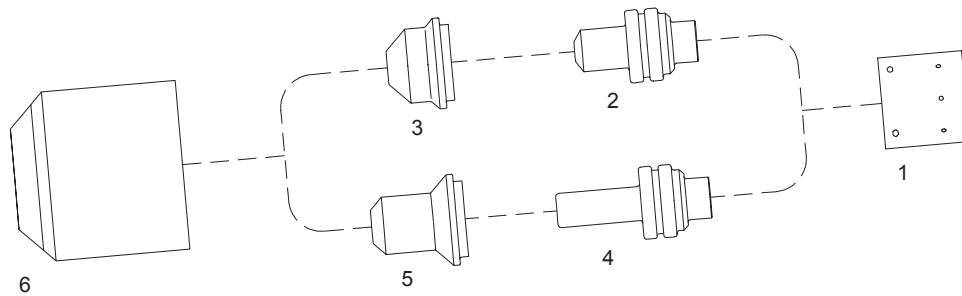
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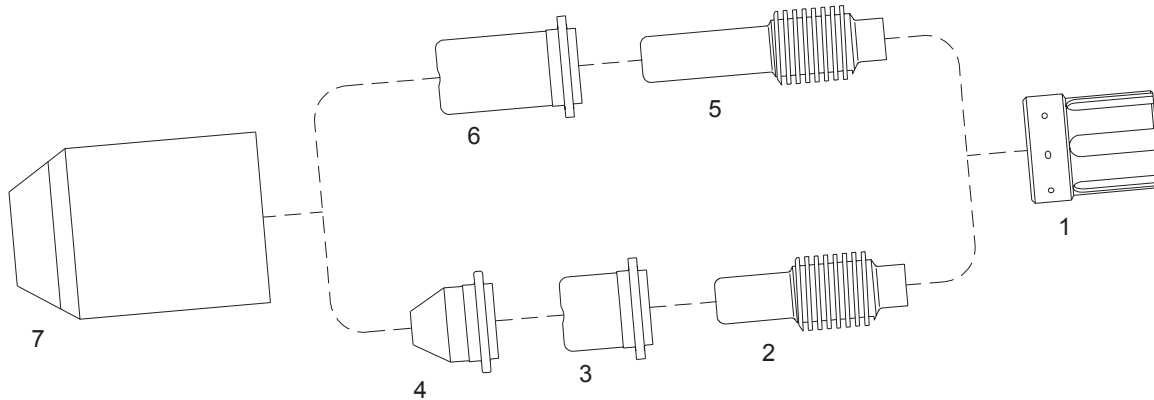
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HYPERTHERM®
MAX 20® PAC110®



Item	Ref.	Code	Description
1	020239	60035	Swirl ring
2	020220	52570	Electrode
3	020299	51215	Tip \varnothing 0,73 - .029
4	020382	52571	Electrode, extended
5	020381	51216	Tip, extended \varnothing 0,73 - .029
6	020218	60300	Nozzle retaining cap

HYPERTHERM®
MAX 40CS® / MAX 42® / MAX 43® PAC121PT/M®



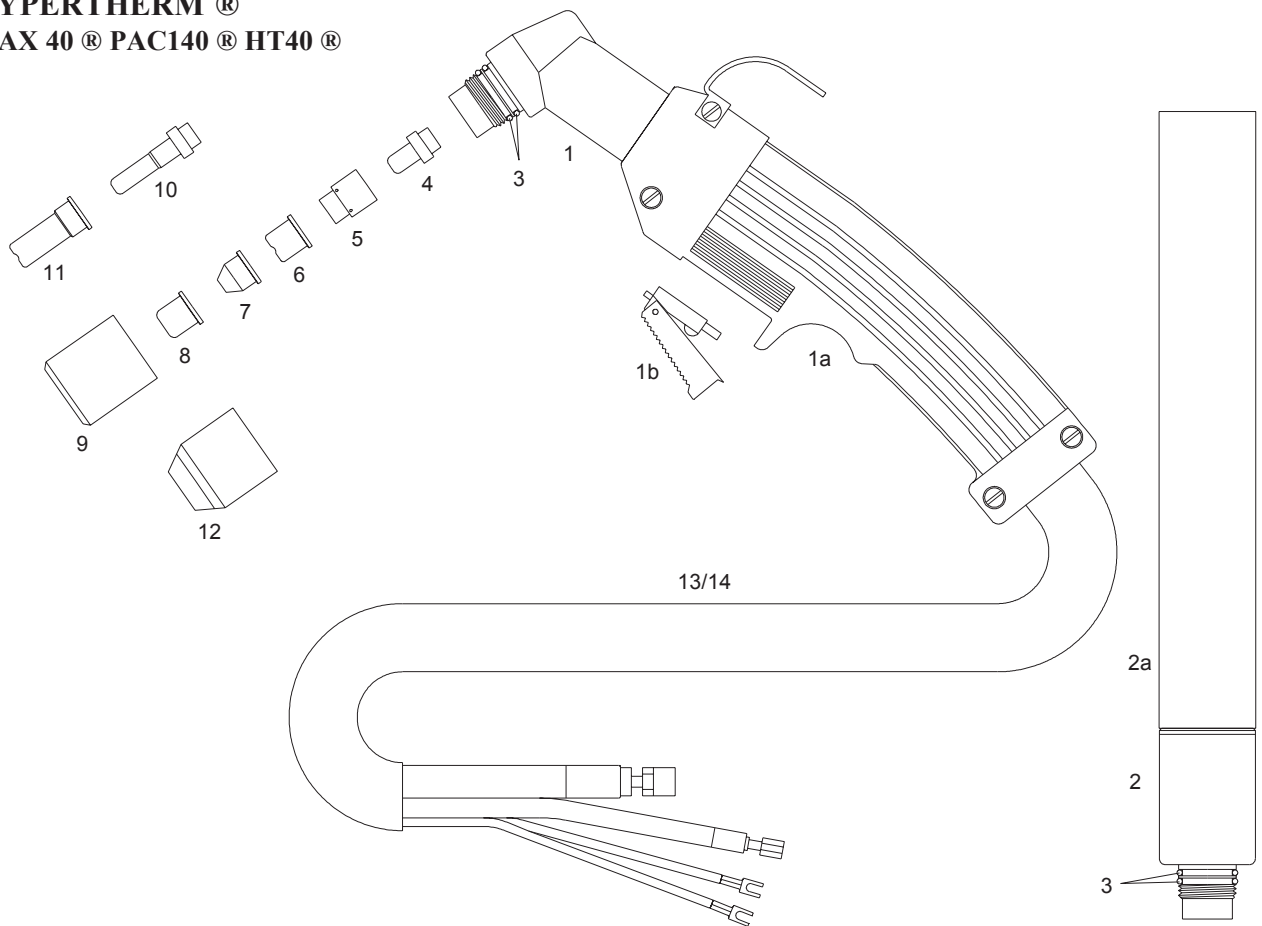
Item	Ref.	Code	Description
1	020361	60046	Swirl ring
2	120573	52575	Electrode (replaces 020351)
3	020350	51210	Tip \varnothing 0,96 - .038
	020395	51211	Tip \varnothing 1,06 - .042
4	020542	51212	Pipe saddle tip
5	120574	52576	Extended electrode (replaces 020547)
6	020546	51213	Tip, extended \varnothing 0,96 - .038
7	020930	60303	Nozzle retaining cap

* CIRCLECUTTING ATTACHMENT : See page # 71

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2 Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

HYPERTHERM®
MAX 40® PAC140® HT40®

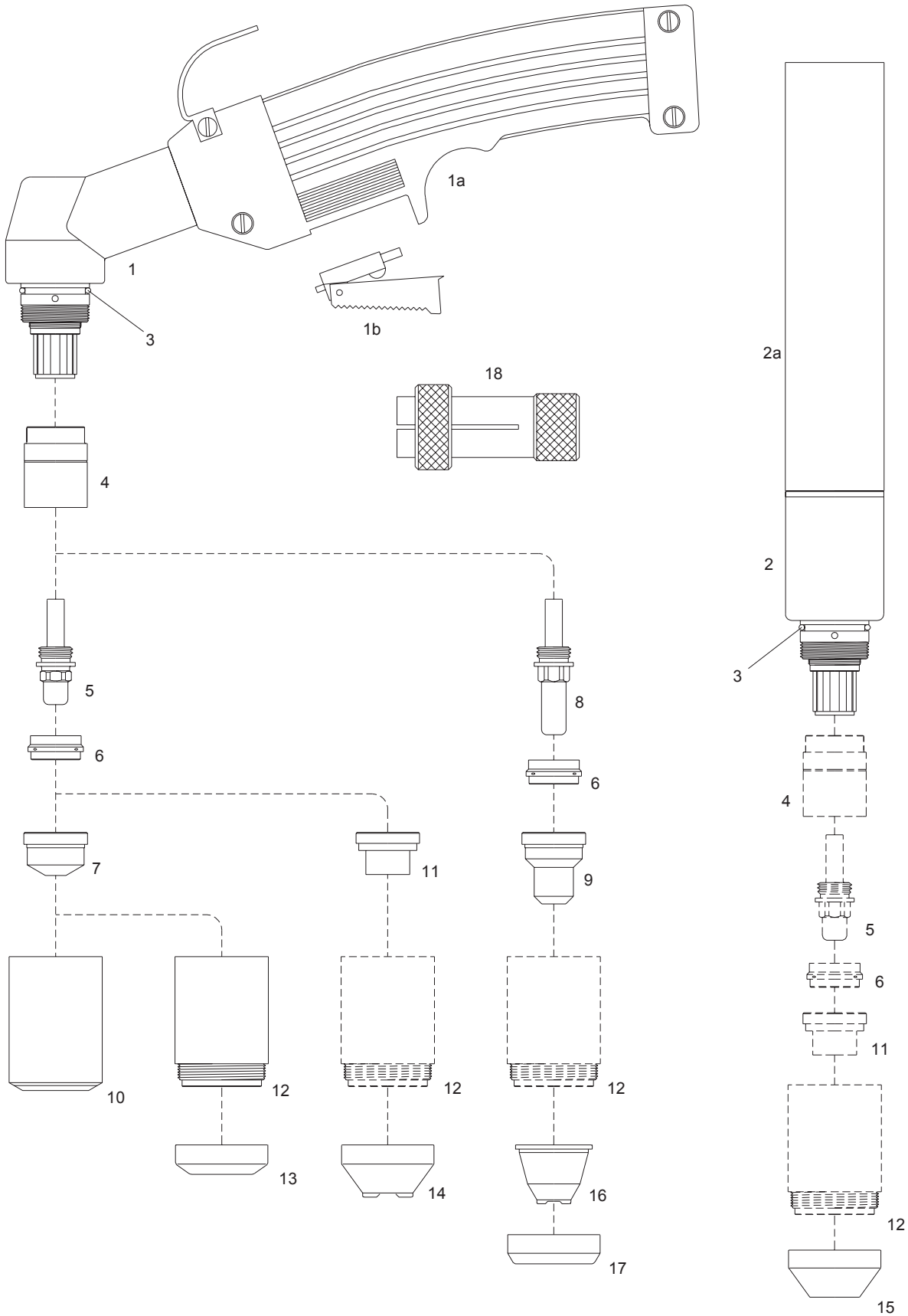


Item	Ref.	Code	Description
	057112	07320	Hand torch with 25' cable (1/2 - 20 connection)
	057113	07330	Hand torch with 50' cable (1/2 - 20 connection)
		07340	Machine torch with 25' cable (1/2 - 20 connection)
		07350	Machine torch with 50' cable (1/2 - 20 connection)
1	057114	07300	Torch body (hand) complete with handle and microswitch
1a		07301	Handgrip complete with switch
1b		07301.20	Switch
2	020114	07310	Torch body (machine)
2a	020206	07315	Machine spare handle
3	026016	07300.60	O - Ring
4	020103	52512	Electrode
5	020101	60001	Swirl ring
6	020115	51100	Tip, hand torch
7	020131	51098	Pipe saddle tip, machine torch
8	020102	51099	Tip, machine torch
9	020104	60301	Nozzle retaining cap
10	020467	52513/L	Electrode, extended
11	020466	51102	Tip, extended.
12	020200	60302	Nozzle retaining cap, tapered
13		07380	Air and power cable 25' - Hand torch
		07385	Air and power cable 50' - Hand torch
14		07390	Air and power cable 25' - Machine torch
		07395	Air and power cable 50' - Machine torch

* SHIELDED TORCHES : See page # 66

* CIRCLE CUTTING ATTACHMENT : See page # 71

HYPER THERM®
MAX 80/100® PAC130®



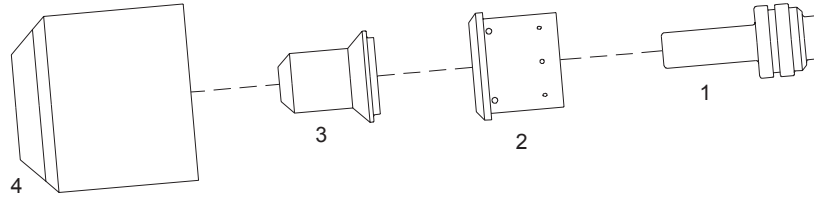
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HYPERTHERM® - MAX 80/100®

Item	Ref.	Code	Description
	059076	07420	Hand torch with 25' cable (1/2 - 20 connection)
	059077	07430	Hand torch with 50' cable (1/2 - 20 connection)
		07440	Machine torch with 25' cable (1/2 - 20 connection)
		07450	Machine torch with 50' cable (1/2 - 20 connection)
1	020189	07400	Torch body (hand) complete with handle and microswitch
1a		07301	Handgrip complete with switch
1b		07301.20	Switch
2	020201	07410	Torch body (machine)
2a	020245	07215	Machine spare handle
3	026018	06000.60	O - Ring
4		60080	Front insulator
5	120433	52520/TD	Electrode, Air (replaces 020191)
6	020194	60010	Swirl ring
7	020203	51120	Tip, standard, 40A., ø 1,0 - .038
	020345	51121	Tip, standard, 80A., ø 1,3 - .052
	020195	51122	Tip, standard, 100A., ø 1,5 - .059
8	020564	52521	Electrode, extended
9		51123.10	Tip, extended, ø 1,0 - .038
	020563	51123	Tip, extended, ø 1,4 - .055
10	020184	60310	Nozzle retaining cap
11	020396	51399	Contact tip 40A., ø 1,0 - .038
	020397	51400	Contact tip 80A., ø 1,3 - .052
	020337	51401	Contact tip 100A., ø 1,5 - .059
12		60340/TD	Contact nozzle retaining cap
	020336	60340/V/TD	Contact nozzle retaining cap, Max.life
13	020333	51952/TD	Deflector
14	020335	51930/TD	Spacer for contact cutting, hand
15	020334	51935/TD	Shield cup , machine
16		51980/TD	Spacer for contact cutting , hand (for extended tip item 9)
17		51959/TD	Locking nut
18		60369	Extractor for swirl ring
		07480	Air and power cable 25' - Hand torch
		07485	Air and power cable 50' - Hand torch
		07490	Air and power cable 25' - Machine torch
		07495	Air and power cable 50' - Machine torch

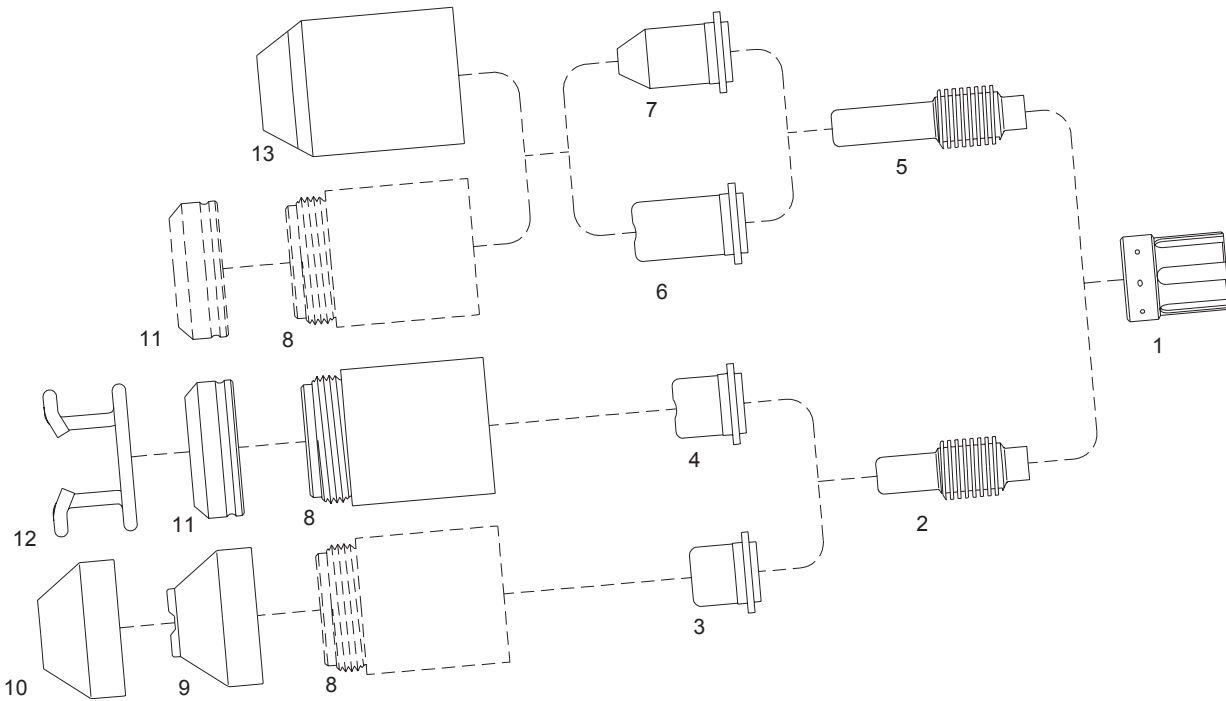
- * SHIELDED TORCHES : See page # 66
- * CIRCLE CUTTING ATTACHMENT : See page # 71

HYPERTHERM®
POWERMAX 350® PAC110
POWERMAX 380® PAC110T®



Item	Ref.	Code	Description
1	020382	52571	Electrode, extended
2	220013	60037	Swirl ring
3	120504	51217	Tip, extended \varnothing 0,81 - .032
4	220016	60300	Nozzle Retaining cap

HYPERTHERM®
POWERMAX 800® PAC121TS/M®

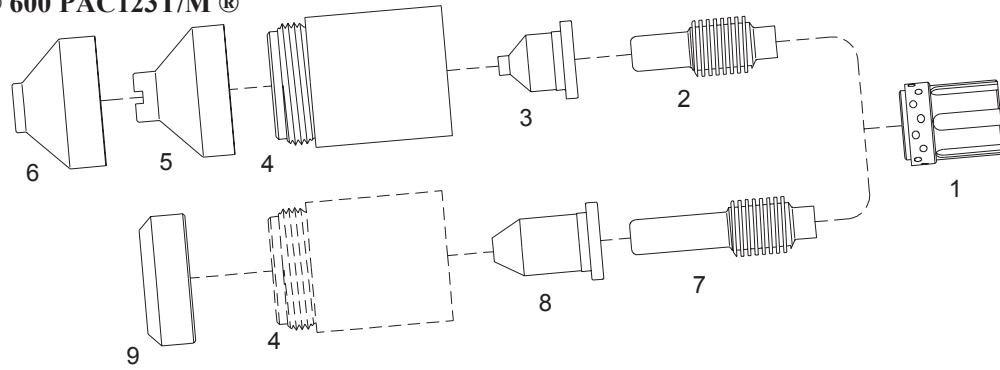


Item	Ref.	Code	Description
1	020361	60046	Swirl ring
2	120573	52575	Electrode (replaces 020351)
3	120438	51204	Tip, 40 Amp
	120282	51201	Tip, 50 Amp
4	020395	51211	Tip, 50 Amp
5	120574	52576	Extended electrode (replaces 020547)
6	120304	51202	Tip, Extended
7	120305	51203	Tip, Pipe Saddle
8	120301	60313/TD	Cap, Retaining
9	120283	51985/TD	Shield (hand)
10	120326	51986/TD	Shield (machine)
11		51987	Spring holder protection nut
12		51907	Spacer spring for code 51987
13	020930	60303	Nozzle retaining cap

* CIRCLE CUTTING ATTACHMENT : See page # 71

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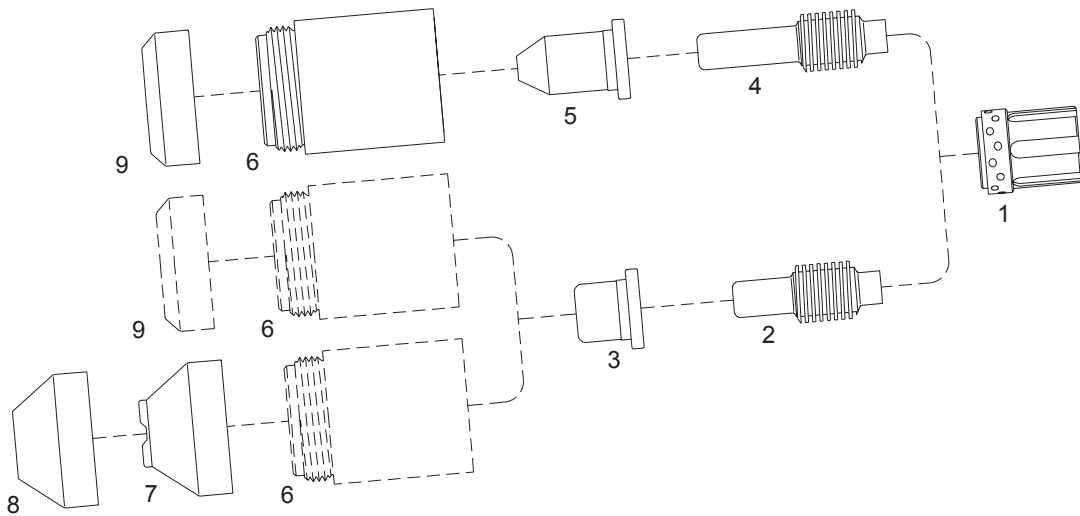
**HYPERTHERM®
POWERMAX® 600 PAC123T/M®**



Item	Ref.	Code	Description
1	120576	60047	Swirl ring
2	120573	52575	Electrode
3	120826	51214	Tip, 40A
4	120600	60316	Cap, Retaining
5	120828	51978/TD	Shield (Hand)
6	120827	51979/TD	Shield (Machine)
7	120574	52576	Extended electrode
8	120606	51208	Tip, 35A, Extended
9	120303	51987/TD	Deflector

* CIRCLECUTTINGATTACHMENT : See page # 71

**HYPERTHERM®
POWERMAX 900® PAC125T/M®**



Item	Ref.	Code	Description
1	120576	60047	Swirl ring
2	120573	52575	Electrode
3	120577	51207	Tip, 55A, Shielded
4	120574	52576	Extended electrode
5	120606	51208	Tip, 35A, Extended
	120578	51209	Tip, 55A, Pipe Saddle, Extended
6	120600	60316	Cap, Retaining
7	120601	51985/TD	Shield (hand)
8	120602	51986/TD	Shield (machine)
9	120303	51987/TD	Deflector

* CIRCLECUTTINGATTACHMENT : See page # 71

HYPERTHERM ®

POWERMAX ® 1000 T60/T60M ®

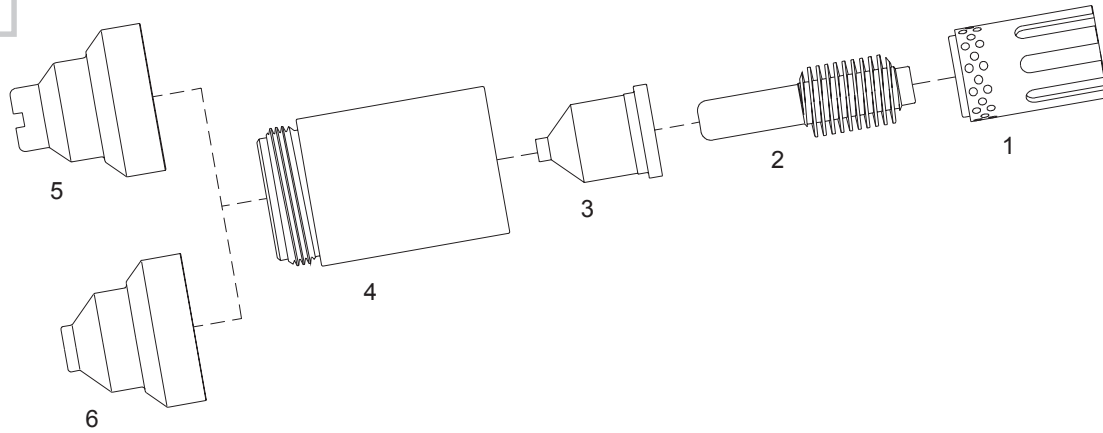
POWERMAX ® 1250 T80/T80M ®

POWERMAX ® 1650 T100/T100M ®

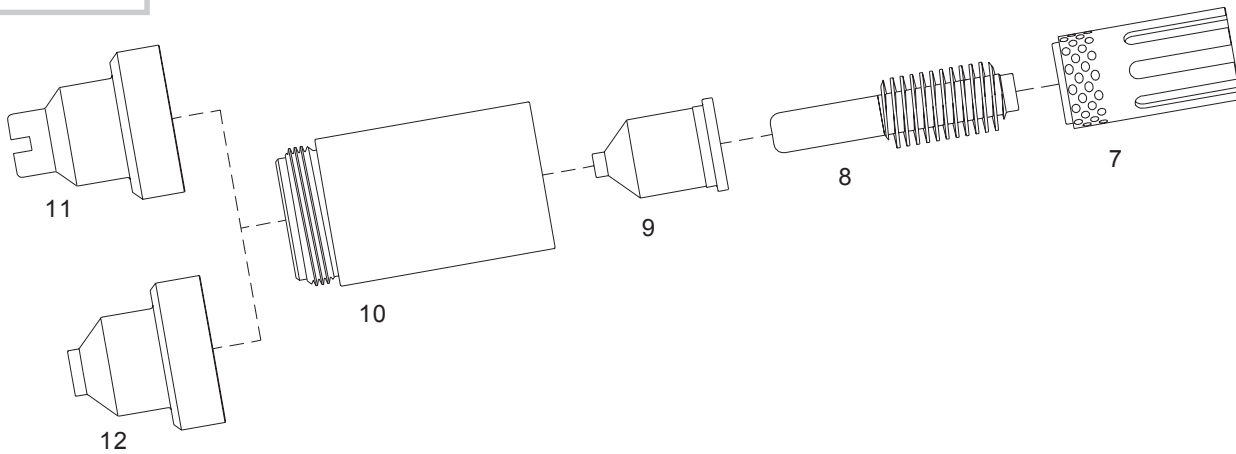
POWERMAX ® 1100 RT80/RT80M ®

RT60/RT60M ®

40-80 A



100 A



Item	Ref.	Code	Description
1	120925	60043	Swirl ring
2	120926	52675	Electrode, 40-80A
3	120932	51405.10	Tip, 40A
	120931	51405.12	Tip, 60A
	120927	51405.14	Tip, 80A
4	120928	60304	Cap, Retaining
5	120929	51981/TD	Shield (Hand)
6	120930	51982/TD	Shield (Machine)

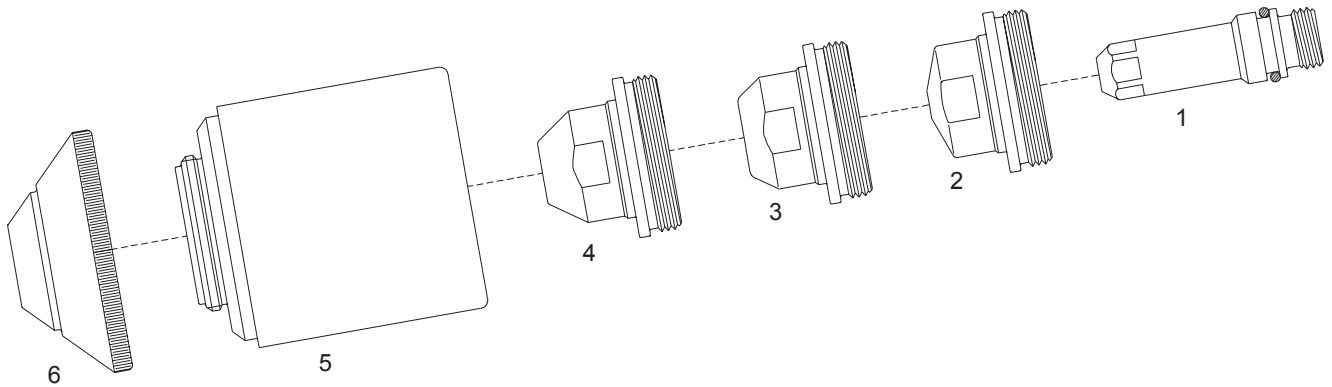
7	220051	60044	Swirl ring
8	220037	52676	Electrode, 100A
9	220011	51406	Tip, 100A
10	220048	60307	Cap, Retaining
11	220065	51983/TD	Shield (Hand)
12	220047	51984/TD	Shield (Machine)

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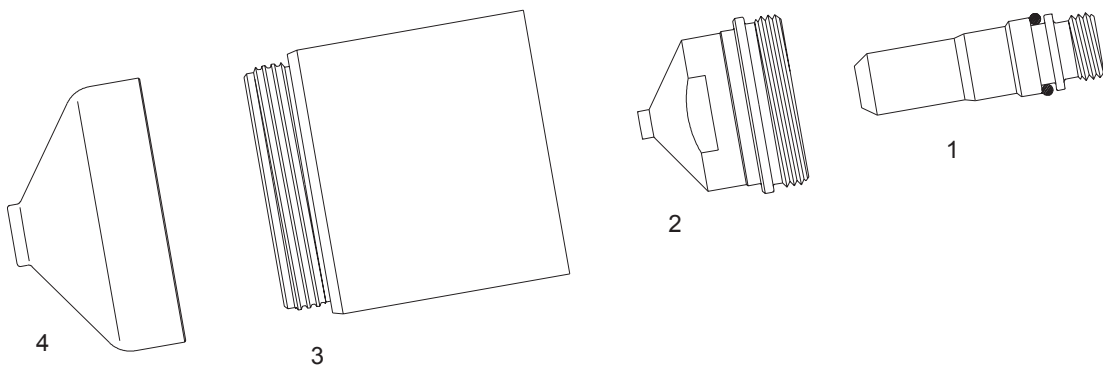
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HYPERTHERM®
MAX 200® PAC200T/E®
HT-2000®



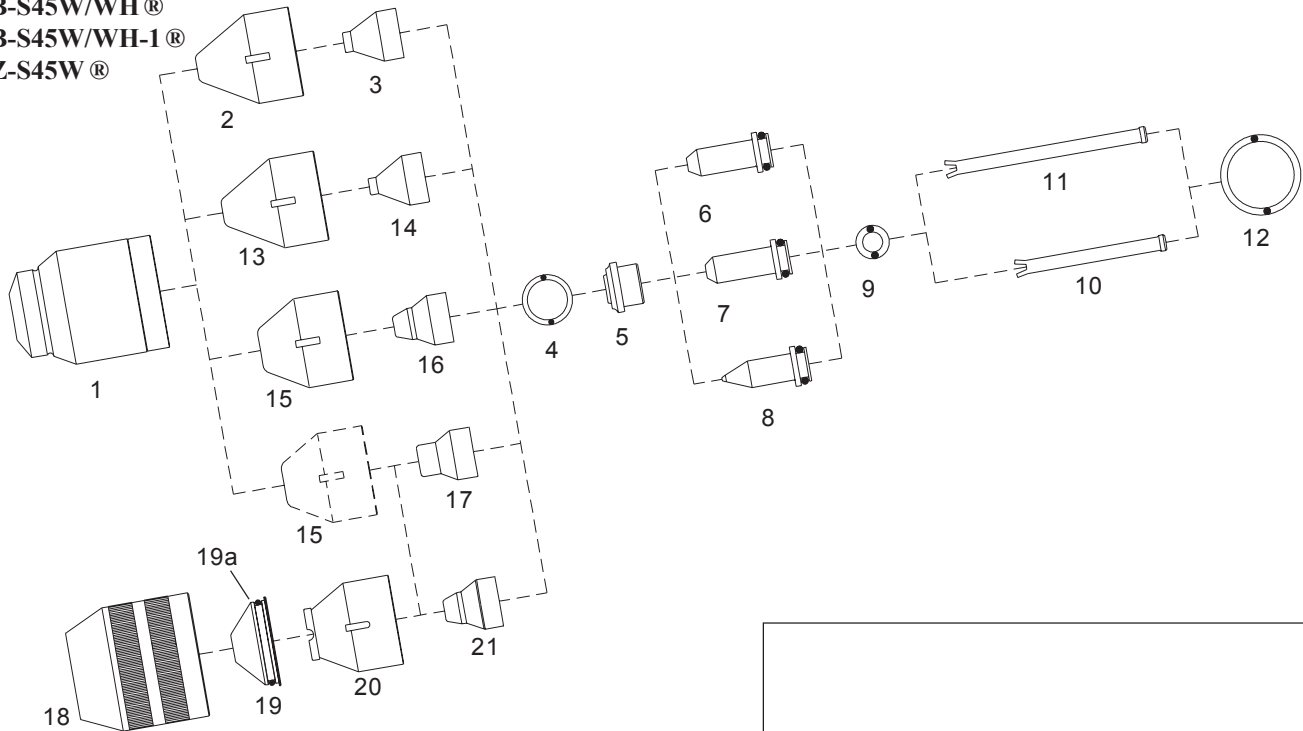
Item	Ref.	Code	Description
1	120547	52619	Electrode, O ₂ , Air, 100A w/ O-ring (XF)
	120667	52620/TD	Electrode, O ₂ , Air, 200A w/ O-ring (XF) (replaces 020664 and 020414)
	020415	52620W/TD	Electrode, Ar/H, 200A w/ O-ring (XF)
2	020689	51324/TD	Nozzle .038 , Air , 40A
	020616	51323/TD	Nozzle .055 , O ₂ , 100A (MAX 200®)
4	020611	51322/TD	Nozzle .059 , Air, N ₂ , Ar/H, 100A
	020608	51321	Nozzle .086 , Air, N ₂ , Ar/H, 200A
5	020605	51320	Nozzle .082 , O ₂ , 200A
	020690	51319	Nozzle .055 , O ₂ , 100A (HT-2000®)
	020615	51325	Nozzle Gouging , Air, 200A
	020423	60306	Retaining Cap
6	020448	51932	Shield Cap , Air, N ₂ , Ar/H, 100A
	020424	51933	Shield Cap , O ₂ / Air, N ₂ , Ar/H, 200A

HYPERTHERM®
HYSPEED® HT-2000®



Item	Ref.	Code	Description
1	220235	52618/TD	Electrode 200A O ₂
2	220237	51326	Nozzle 200A O ₂
3	220238	60308	Retaining Cap 200A O ₂
4	220239	51934	Shield Cap , 200A O ₂

KJELLBERG ®
PA-S47CNC ® - FineFocus 450 ®
PB-S20W/WH ®
PB-S25W/WH ®
PB-S40W/WH ®
PB-S45W/WH ®
PB-S45W/WH-1 ®
PZ-S45W ®

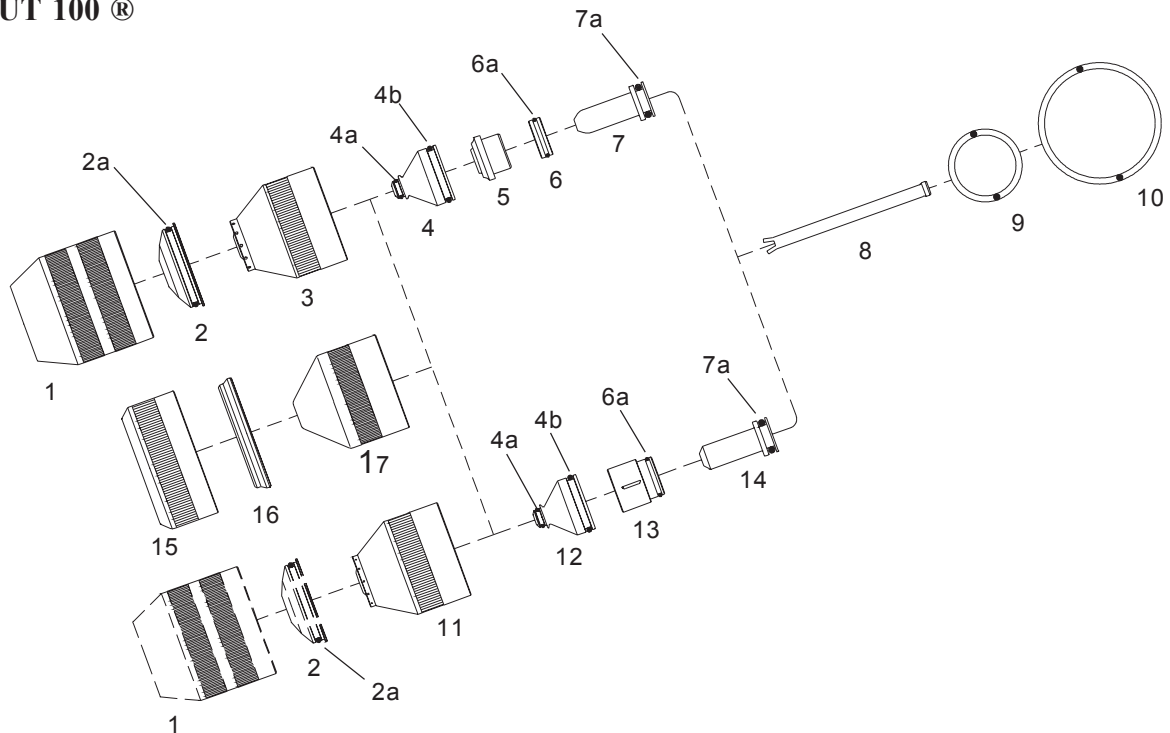


Item	Ref.	Code	Description
1	.11.828.101.160	60359	Shield cup
2	.11.828.201.151	60358	Nozzle retaining cup ø 6.0
3	.11.828.201.413	51590	Nozzle Ld ø 1.3 , Air
	.11.828.201.414	51591	Nozzle Le ø 1.4 , Air
4	.10.575.036	60066.41	O-Ring 12x1.5 Silicone
5	.11.828.001.153	60066	Swirl ring
6	.11.828.001.3001	52705	Electrode Kb , Air (XF)
7	.11.834.321.3001	52708AG	Electrode Kb-Xl O2 - Solid Silver - (replaces 11.828.021.3001)
8	.11.828.211.500	52704W	● Electrode Ka Ar/H2 - (XF)
9	.10.505.827	20705.40	O-Ring 6x2 Silicone
10	.11.828.001.152	60366	Cooling tube
11	.11.832.201.152	60366B	Cooling tube
12	.10.575.052	60365.41	O-Ring 20x2 Silicone
13	.11.828.001.151	60365	Nozzle retaining cup ø 5.0
14	.11.828.001.410	51592	Nozzle Lb ø 1.0 , Air
	.11.828.001.413	51593	Nozzle Lc ø 1.3 , Air
15	.11.830.301.151	60357	Nozzle retaining cup ø 9.6
16	.11.828.203.410	51594	Nozzle Lle ø 1.0 , Air
	.11.828.203.413	51595	Nozzle Lde ø 1.3 , Air
	.11.828.203.414	51596	Nozzle Lee ø 1.4 , Air
17	.11.828.302.425	51597.25	Nozzle Lk ø 2.5 , Air
	.11.828.302.430	51597.30	Nozzle Ln ø 3.0 , Air
18	.11.832.201.081	60560	Shield Cup
19	.11.832.201.1571	60562	Shield ø 4.0
	.11.832.201.1561	60562.30	Shield ø 3.0
19a	.10.505.911	60562.41	O-Ring 22x1.5 Silicone
20	.11.832.201.160	60570	Nozzle retaining cup
21	.11.834.321.410	51656.10	Nozzle Lle-Xl ø 1.0 , O2 (replaces 11.828.223.410)
	.11.834.321.413	51657.13	Nozzle Lde-Xl ø 1.3 , O2 (replaces 11.828.223.413)
	.11.834.321.414	51657.14	Nozzle Lee-Xl ø 1.4 , O2 (replaces 11.828.223.414)

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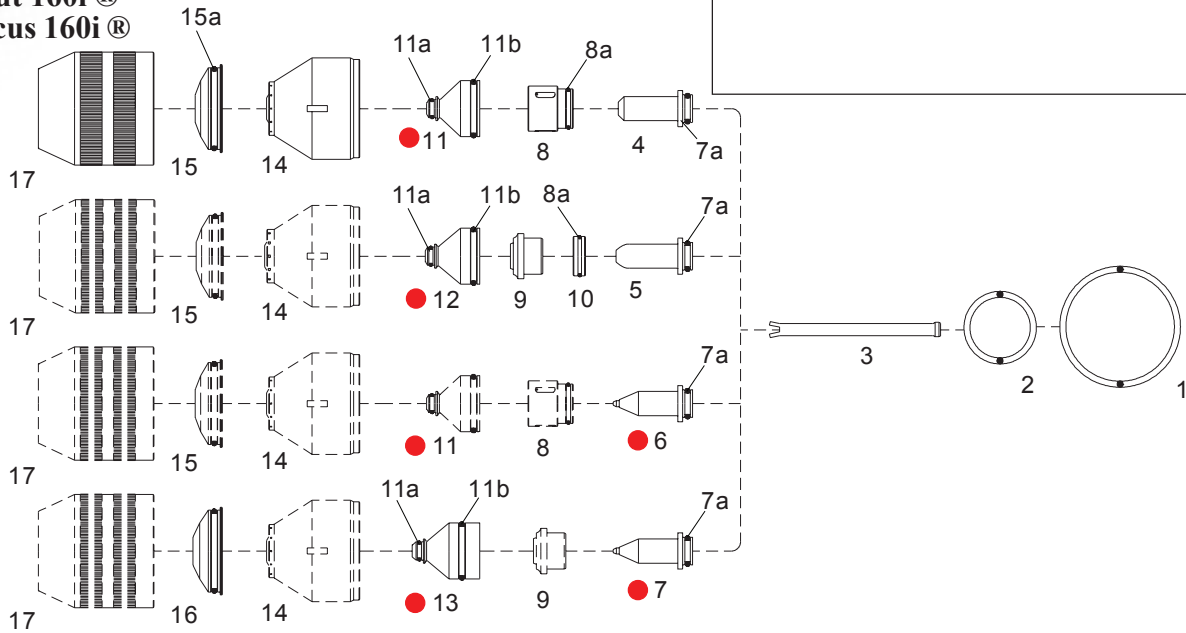
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KJELLBERG®
PERCUT 100®



Item	Ref.	Code	Description
1	.11.835.201.081	60561	Shield Cup Z501
2	.11.835.201.1561	60565	Shield ø 1.5 Z4015
	.11.835.201.1571	60566	Shield ø 2.0 Z4020
	.11.835.201.1581	60566.25	Shield ø 2.5 Z4025
	.11.835.201.1591	60566.30	Shield ø 3.0 Z4030
	.11.835.401.1571	60567	Shield ø 4.0 Z4140
2a	.10.505.914	60565.41	O-Ring 24x1.5 Silicone
3	.11.835.201.162	60573	Nozzle retaining cup ø 0.8 Z3008
4	.11.835.221.406	51620.06	Nozzle ø 0.6 O2 Z2006 (XF)
	.11.835.221.407	51620.07	Nozzle ø 0.7 O2 Z2007 (XF)
	.11.835.221.408	51620.08	Nozzle ø 0.8 O2 Z2008 (XF)
	.11.835.221.409	51620.09	Nozzle ø 0.9 O2 Z2009 (XF)
	.11.835.221.410	51620.10	Nozzle ø 1.0 O2 Z2010 (XF)
	.11.835.221.411	51620.11	Nozzle ø 1.1 O2 Z2011 (XF)
	.11.835.221.412	51620.12	Nozzle ø 1.2 O2 Z2012 (XF)
4a	.10.505.820	20850.40	O-Ring 4x1 Silicone
4b	.10.505.885	51620.60	O-Ring 15x1.5 Silicone
5	.11.834.321.153	60066	Swirl ring Z111
6	.11.835.421.303	60064	Spacer ring
6a	.10.505.869	20608.41	O-Ring 10x1 Silicone
7	.11.835.421.3101	52707AG	Electrode O2 XI Z012 - Solid Silver
7a	.10.505.827	20705.40	O-Ring 6x2 Silicone
8	.11.835.201.152	60366C	Cooling tube
9	.10.575.052	60365.41	O-Ring 20x2 Silicone
10	.10.505.946	60365.42	O-Ring 36x2 Silicone
11	.11.835.201.160	60572	Nozzle retaining cup ø 0.4 Z3004
12	.11.835.421.412	51621.12	Nozzle ø 1.2 O2 Z2112 (XF)
	.11.835.421.414	51621.14	Nozzle ø 1.4 O2 Z2114 (XF)
13	.11.835.221.153	60065	Swirl ring Z101
14	.11.835.221.3101	52706AG	Electrode O2 XI Z002 - Solid Silver
15	.11.835.201.085	60575	Nozzle retaining cup
16	.11.835.201.086	60576	Insulator
17	.11.835.201.087	60577	Shield Cup

KJELLBERG®
PerCut 160i®
HiFocus 160i®

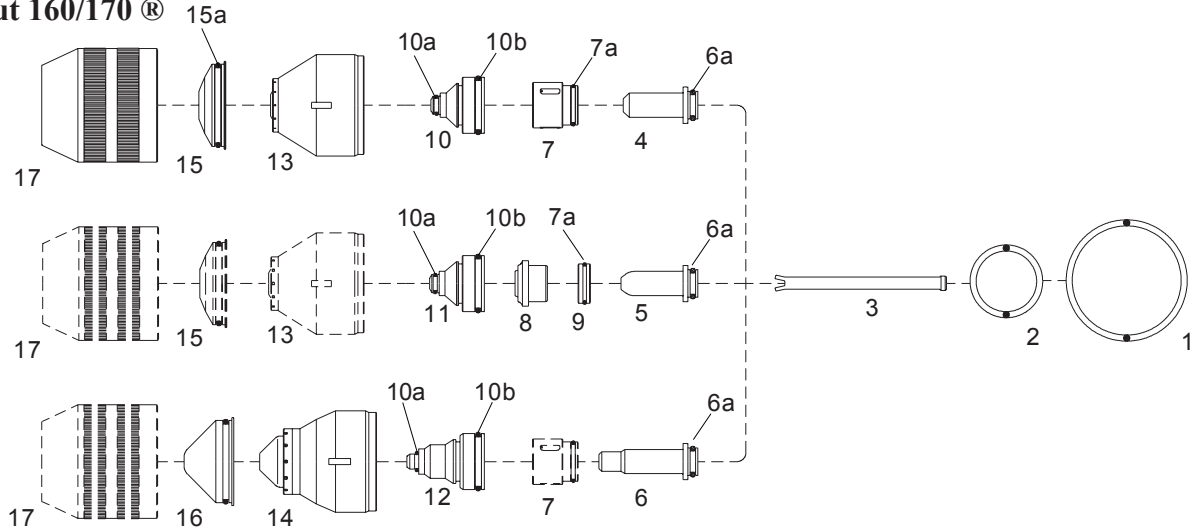


Item	Ref.	Code	Description
1	.10.505.946	60365.42	O-Ring 36x2 Silicone
2	.10.575.052	60365.41	O-Ring 20x2 Silicone
3	.11.842.401.152	60579	Cooling tube
4	.11.842.421.310	52711AG	Electrode O2 XI S002 - Solid Silver
5	.11.842.521.310	52712AG	Electrode O2 XI S012 - Solid Silver
6	.11.842.411.510	52713W	● Electrode A S042 (XF)
7	.11.842.511.510	52714W	● Electrode A S052 (XF)
7a	.10.505.827	20705.40	O-Ring 6x2 Silicone
8	.11.835.221.153	60065	Swirl ring Z101
	.11.835.221.154	60068	Swirl ring Z102
8a	.10.505.869	20608.41	O-Ring 10x1 Silicone
9	.11.834.321.153	60066	Swirl ring Z111
10	.11.835.421.303	60064	Spacer ring
11	.11.842.421.406	51622.06	● Nozzle \varnothing 0.6 S2006 25A (XF)
	.11.842.421.407	51622.07	● Nozzle \varnothing 0.7 S2007 35A (XF)
	.11.842.421.408	51622.08	● Nozzle \varnothing 0.8 S2008 50A (XF)
	.11.842.421.409	51622.09	● Nozzle \varnothing 0.9 S2009 70A (XF)
	.11.842.421.410	51622.10	● Nozzle \varnothing 1.0 S2010 80A (XF)
	.11.842.421.411	51622.11	● Nozzle \varnothing 1.1 S2011 90A (XF)
	.11.842.421.412	51622.12	● Nozzle \varnothing 1.2 S2012 100A (XF)
	.11.842.421.414	51622.14	● Nozzle \varnothing 1.4 S2014 130A (XF)
	.11.842.421.416	51622.16	● Nozzle \varnothing 1.6 S2016 160A (XF)
11a	.10.505.820	20850.40	O-Ring 4x1 Silicone
11b	.10.505.885	51620.60	O-Ring 15x1.5 Silicone
12	.11.842.521.412	51623.12	● Nozzle \varnothing 1.2 S2112 100A (XF)
	.11.842.521.414	51623.14	● Nozzle \varnothing 1.4 S2114 130A (XF)
	.11.842.521.416	51623.16	● Nozzle \varnothing 1.6 S2116 160A (XF)
13	.11.842.511.614	51624.14	● Nozzle \varnothing 1.4 S2514 100A (XF)
	.11.842.511.616	51624.16	● Nozzle \varnothing 1.6 S2516 130A (XF)
	.11.842.511.618	51624.18	● Nozzle \varnothing 1.8 S2518 160A (XF)
14	.11.842.401.160	60580	Nozzle retaining cup \varnothing 0.4 S3004
	.11.842.401.162	60581	Nozzle retaining cup \varnothing 0.8 S3008
	.11.842.401.1622	60582	Nozzle retaining cup \varnothing 0.8 S3028
15	.11.835.201.1561	60565	Shield \varnothing 1.5 Z4015
	.11.835.201.1571	60566	Shield \varnothing 2.0 Z4020
	.11.835.201.1551	60566.22	Shield \varnothing 2.2 Z4022
	.11.835.201.1581	60566.25	Shield \varnothing 2.5 Z4025
	.11.835.201.1591	60566.30	Shield \varnothing 3.0 Z4030
	.11.835.401.1571	60567	Shield \varnothing 4.0 Z4140
15a	.10.505.914	60565.41	O-Ring 24x1.5 Silicone
16	.11.835.411.1581	60568.30	Shield \varnothing 3.0 Z4530
	.11.835.411.1580	60568.35	Shield \varnothing 3.5 Z4535
	.11.835.411.1591	60568.40	Shield \varnothing 4.0 Z4540
	.11.835.411.1590	60568.45	Shield \varnothing 4.5 Z4545
17	.11.835.201.081	60561	Shield Cup Z501

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KJELLBERG®
PerCut 160/170®

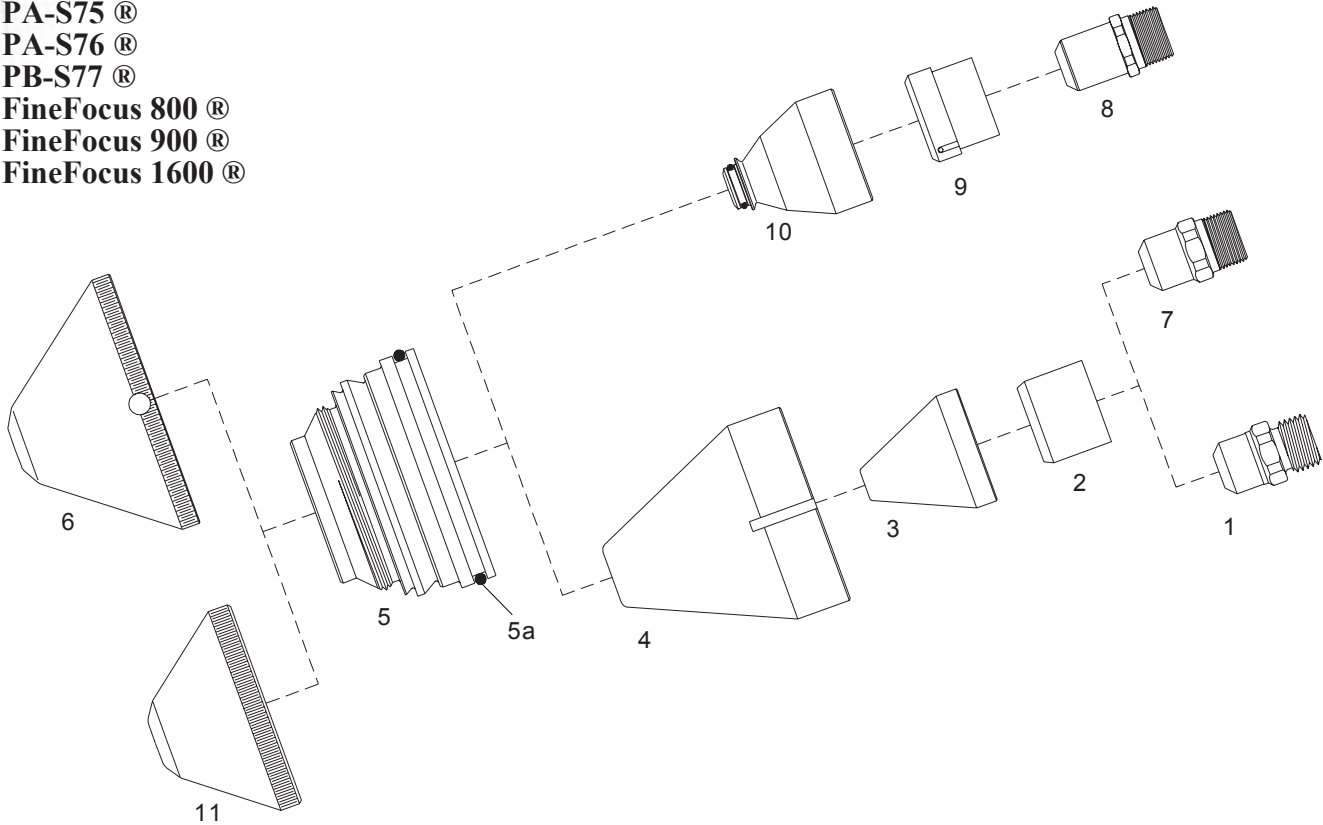


Item	Ref.	Code	Description
1	.10.505.946	60365.42	O-Ring 36x2 Silicone
2	.10.575.052	60365.41	O-Ring 20x2 Silicone
3	.11.842.401.152	60579	Cooling tube
4	.11.843.021.310	52716AG	Electrode O2 XL S002X - Solid Silver
	.11.843.021.320	52718AG	Electrode O2 XL S002Y - Solid Silver - "YELLOW"
5	.11.843.121.310	52717AG	Electrode O2 XL S012X - Solid Silver
6	.11.842.621.310	52720AG	Electrode O2 XL R002 - Solid Silver
6a		20711.40	O-Ring 6x1.5 White Silicone
7	.11.835.221.153	60065	Swirl ring Z101, 3 Holes
	.11.835.221.154	60068	Swirl ring Z102, 2 Holes
7a	.10.505.869	20608.41	O-Ring 10x1 Silicone
8	.11.834.321.153	60066	Swirl ring Z111
9	.11.835.421.303	60064	Spacer ring Z111A
10	.11.843.021.406	51625.06	Nozzle ø 0.6 S2006X 25A (XF)
	.11.843.021.407	51625.07	Nozzle ø 0.7 S2007X 35A (XF)
	.11.843.021.408	51625.08	Nozzle ø 0.8 S2008X 50/60A (XF)
	.11.843.021.409	51625.09	Nozzle ø 0.9 S2009X 70/80A (XF)
	.11.843.021.410	51625.10	Nozzle ø 1.0 S2010X 80/90A (XF)
	.11.843.021.411	51625.11	Nozzle ø 1.1 S2011X 90/100A (XF)
	.11.843.021.412	51625.12	Nozzle ø 1.2 S2012X 100/130A (XF)
	.11.843.021.414	51625.14	Nozzle ø 1.4 S2014X 130/160A (XF)
	.11.843.021.416	51625.16	Nozzle ø 1.6 S2016X 160A (XF)
10a	.10.505.820	20850.40	O-Ring 4x1 Silicone
10b	.10.505.885	51620.60	O-Ring 15x1.5 Silicone
11	.11.843.121.412	51626.12	Nozzle ø 1.2 S2112X 100A (XF)
	.11.843.121.414	51626.14	Nozzle ø 1.4 S2114X 130A (XF)
	.11.843.121.416	51626.16	Nozzle ø 1.6 S2116X 160A (XF)
12	.11.842.621.408	51630.08	Nozzle ø 0.8 R2008 50/60A (XF)
	.11.842.621.409	51630.09	Nozzle ø 0.9 R2009 70/80A (XF)
	.11.842.621.410	51630.10	Nozzle ø 1.0 R2010 80/90A (XF)
	.11.842.621.411	51630.11	Nozzle ø 1.1 R2011 90/100A (XF)
	.11.842.621.412	51630.12	Nozzle ø 1.2 R2012 100/130A (XF)
13	.11.842.401.160	60580	Nozzle retaining cup ø 0.4 S3004
	.11.842.401.162	60581	Nozzle retaining cup ø 0.8 S3008
	.11.842.401.1622	60582	Nozzle retaining cup ø 0.8 S3028
14	.11.842.601.160	60584	Nozzle retaining cup ø 0.4 R3004
15	.11.835.201.1561	60565	Shield ø 1.5 Z4015
	.11.835.201.1571	60566	Shield ø 2.0 Z4020
	.11.835.201.1551	60566.22	Shield ø 2.2 Z4022
	.11.835.201.1581	60566.25	Shield ø 2.5 Z4025
	.11.835.201.1591	60566.30	Shield ø 3.0 Z4030
	.11.835.401.1571	60567	Shield ø 4.0 Z4140
15a	.10.505.914	60565.41	O-Ring 24x1.5 Silicone
16	.11.842.601.1571	60586.20	Shield ø 2.0 R4020
	.11.842.601.1551	60586.22	Shield ø 2.2 R4022
	.11.838.001.1561	60585.15	Shield ø 1.5 Y4015
	.11.838.001.1571	60585	Shield ø 2.0 Y4020
	.11.838.001.1551	60585.22	Shield ø 2.2 Y4022
17	.11.835.201.081	60561	Shield Cup Z501

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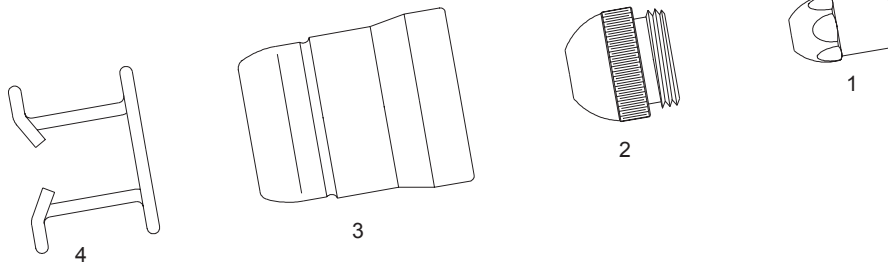
KJELLBERG ®
PA-50 ®
PA-S75 ®
PA-S76 ®
PB-S77 ®
FineFocus 800 ®
FineFocus 900 ®
FineFocus 1600 ®



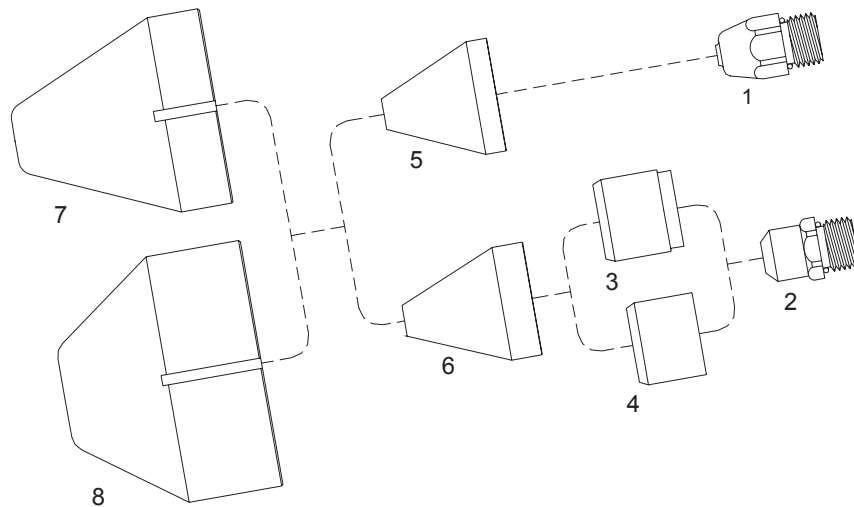
Item	Ref.	Code	Description
1	.12.40870	52700XF	Electrode K2 Air (XF)
	.11.828.921.300	52700AG	Electrode K2 XL Solid Silver
2	.12.40860	60067	Swirl Ring - Teflon
	.11.828.501.414	51306	Nozzle L3 Air 120A
3	.11.828.901.414	51306XF	Nozzle L3 XL O2 120A (XF)
	.12.43050	51307	Nozzle L1 Air 160A
4	.11.828.901.420	51307XF	Nozzle L1 XL O2 160A (XF)
	.12.40850	51308	Nozzle L2 Air 250A
5	.11.828.901.425	51308XF	Nozzle L2 XL O2 250A (XF)
	.12.37790	60364	Conical nozzle retaining cap ø 38 mm
5a	.11.833.101.271	60590	Fiberglass nozzle
6	.10.505.961	60590.41	O-Ring 48 x 2 Silicone
	.11.833.101.150	60595.30	Shield Cap ø 3.0 V4330
7	.11.833.101.155	60595.35	Shield Cap ø 3.5 V4335
	.11.833.101.156	60595.40	Shield Cap ø 4.0 V4340
8	.11.833.101.157	60595.45	Shield Cap ø 4.5 V4345
	.11.833.101.158	60595.50	Shield Cap ø 5.0 V4350
9	.11.833.101.158	52702AG	Electrode K3 XL Solid Silver
	.11.836.921.300	52703AG	Electrode T012 Solid Silver
10	.11.836.921.153	60070	Swirl Ring T101 - Teflon
	.11.836.921.154	60069	Swirl Ring T102 - Teflon
11	.11.836.921.420	51303	Nozzle T2120 200A (XF)
	.11.836.921.425	51304	Nozzle T2125 250A (XF)
11	.11.836.921.427	51305	Nozzle T2127 300A (XF)
	.11.833.111.155	60594.30	Shield Cap ø 3.0 V4530
11	.11.833.111.156	60594.40	Shield Cap ø 4.0 V4540
		60594.45	Shield Cap ø 4.5 V4545
11	.11.833.111.158	60594.50	Shield Cap ø 5.0 V4550
	.11.833.111.159	60594.60	Shield Cap ø 6.0 V4560

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W.T.C. ®


Item	Ref.	Code	Description
1	0189-H	52516	Electrode
2	0702	51111	Tip ø 1,0
	0703	51112	Tip ø 1,2
	0704	51113	Tip ø 1,4
	0705	51114	Tip ø 1,7
	0764	51200	Tip ø 2,0
	3	0413	60420
4	0618	51901	Spacer spring

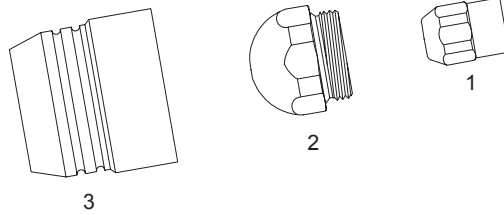
WHITNEY ®


Item	Ref.	Code	Description
1	025.1044	52701	Air electrode Z (Lo - Amp.)
2	025.1039	52700	Air electrode K2
3	025.1040	80068	Swirl ring
4	025.1040	60067	Swirl ring - TEFLON
5	025.1045	51301	Nozzle air L ø 1,6 (Lo - Amp.)
6	025.1041	51300	Nozzle air L2 ø 2,4
7		60356	Conical nozzle retaining cap ø 38 mm
8	025.1042	60355	Conical nozzle retaining cap ø 48 mm

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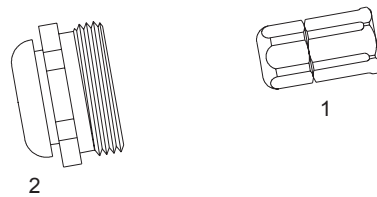
Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts. **15**

**AUTOGEN RITTER ®
PHB 120**



Item	Ref.	Code	Description
1	412-02-00	52875	Electrode
2	412-04-10	51665	Tip ø 1,0
	412-04-12	51666	Tip ø 1,2
	412-04-14	51667	Tip ø 1,4
	412-04-16	51668	Tip ø 1,6
3	413-05-00	60430	Nozzle cap w/inbuilt safety

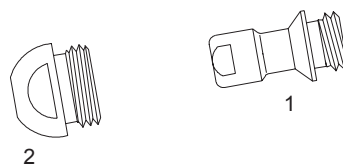
**DINSE ®
PX 101**



WHILE STOCKS LAST

Item	Ref.	Code	Description
1	DIX 3-6-101	52810	Electrode
2	DIX 2-6-112	51510	Tip ø 1,2
	DIX 2-6-114	51511	Tip ø 1,4
	DIX 2-6-116	51512	Tip ø 1,6

SMITH ® - MERKLE ®

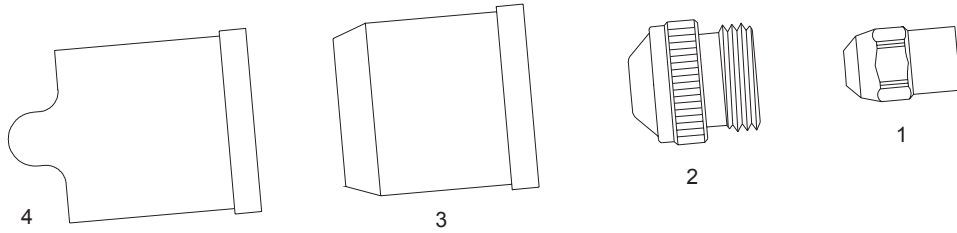


Item	Ref.	Code	Description
1	30808-5	52715	Electrode
2	30812-5	51570	Tip ø 1,0
	30813-5	51571	Tip ø 1,2
	30814-5	51572	Tip ø 1,4
	30815-5	51573	Tip ø 1,6
	30344-5	51574	Tip ø 1,8

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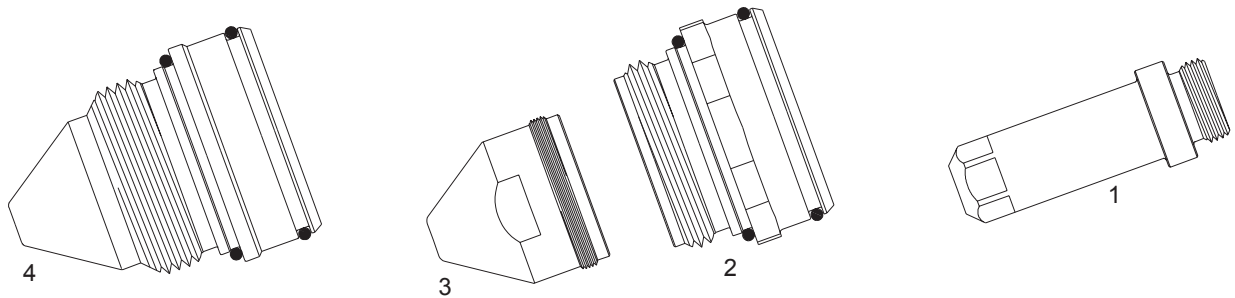
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**ESAB® (L-TEC®)
PT - 17**



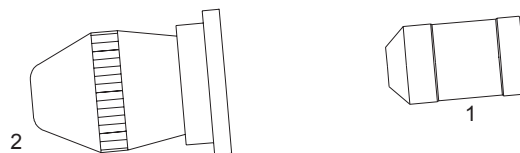
Item	Ref.	Code	Description
1	19918	52560	Electrode
2	19914	51175	Tip ø 0,93 - .037
	19915	51176	Tip ø 1,16 - .046
	19916	51178	Tip ø 1,32 - .052
	19917	51177	Tip ø 1,44 - .057
	20056	51179	Tip ø 1,70 - .067
	3	19124	80006
4	19122	80009	Heat shield - Drag

**ESAB® (L-TEC®)
PT - 19XL**



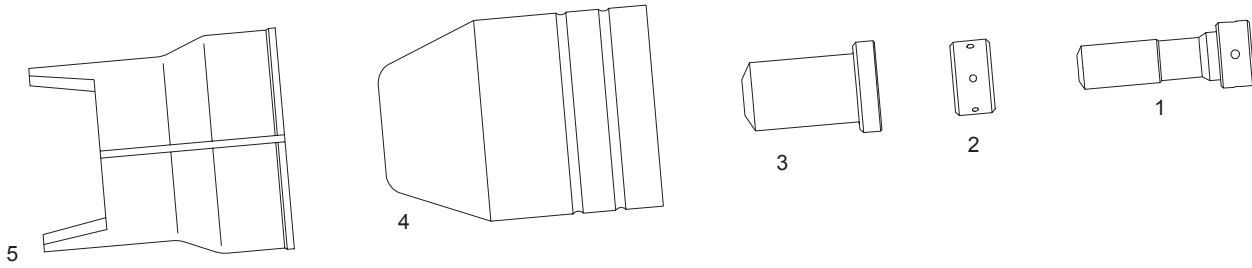
Item	Ref.	Code	Description
1	34086XL	52561	Electrode O2 (XF)
2	22028	60464	Nozzle Base 100-200A
3	22029	51531	Tip 100A
	22030	51532	Tip 150A
	22031	51533	Tip 200A
	21822	51381	Tip 250A

**ESAB® (L-TEC®)
PT - 20**



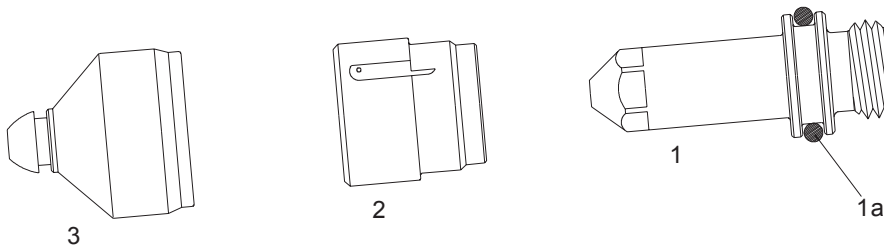
Item	Ref.	Code	Description
1	21150	52884	Electrode
2	21330	51345	Tip ø 1,0 - .039 - 50A
	21329	51346	Tip ø 1,3 - .051 - 70A
	21328	51347	Tip ø 1,5 - .059 - 100A

ESAB® (L-TEC®)
PT - 23/27



Item	Ref.	Code	Description
1	33366	52882	Electrode
2	33367	80005	Swirl Baffle
3	33368	51340/TD	Tip ø 0,93 - .037 - 30A
	33369	51341/TD	Tip ø 1,16 - .046 - 50A
	33418	51342/TD	Tip ø 1,32 - .052 - 80A
4	21616	60460	Shield cup (PT 27)
5	21420	60461	Double pointed spacer

ESAB® (L-TEC®)
PT-24®

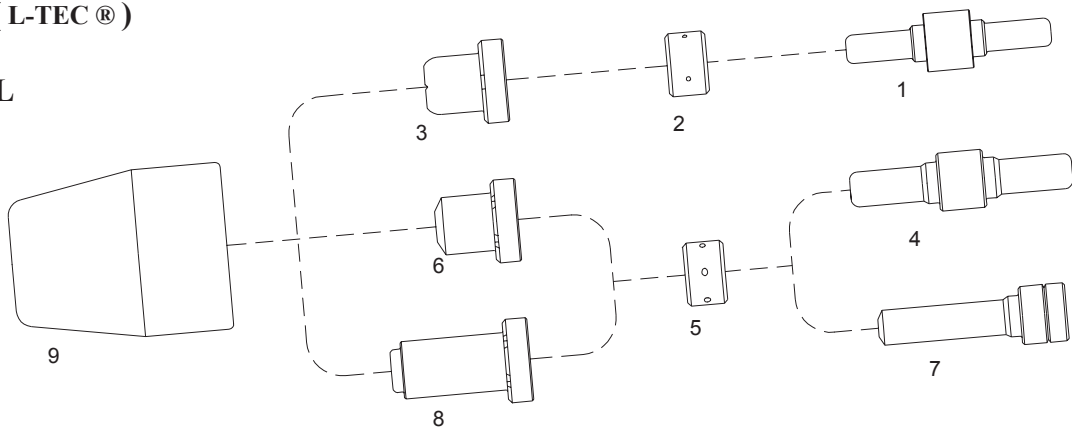


Item	Ref.	Code	Description
1	21539	52885	Electrode 15/100A (XF)
	21539AG	52885AG	Electrode 15/100A - Solid Silver
1a		20620.41	O-Ring
2	21852	60006/15	Swirl Ring 15A, 2 holes
	21536	60006/30	Swirl Ring 30A, 3 holes
	21692	60006/50	Swirl Ring 50/100A, 4 holes
3	21541	51386	Nozzle 30A "B" (XF)
	21542	51387	Nozzle 50A "C" (XF)
	21543	51388	Nozzle 70A "D" (XF)
	21923	51389	Nozzle 100A "E" (XF)

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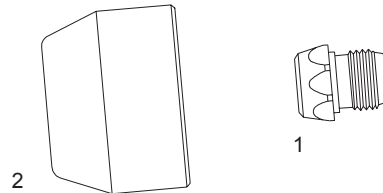
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ESAB® (L-TEC®)
PT - 31
PT - 31XL



Item	Ref.	Code	Description
1	18205	52057	Electrode - Zr.
2	18785	80002	Swirl baffle, 4 Holes
3	18866	51165	Tip, 4 Stakes, \varnothing 1,0 - .039 - 30A
4	19683	52880	Electrode HD, 30-50A - Hf.
5	20463	80003	Swirl baffle, 6 Holes
6	19682	51330	Tip HD, 6 Stakes, \varnothing 0.96 - .038 - 30A
	20079	51331	Tip, 6 Stakes, \varnothing 1.35 - .053 - 50A
7	20862	52881	Electrode - Hf.
8	20860	51335/TD	Tip, \varnothing 0.96 - .038 - 30A
	21008	51336/TD	Tip, \varnothing 1.07 - .042 - 40A
	20861	51337/TD	Tip, \varnothing 1.17 - .046 - 50A
9	18204	80001	Shield cup

ESAB® (L-TEC®)
PT - 121



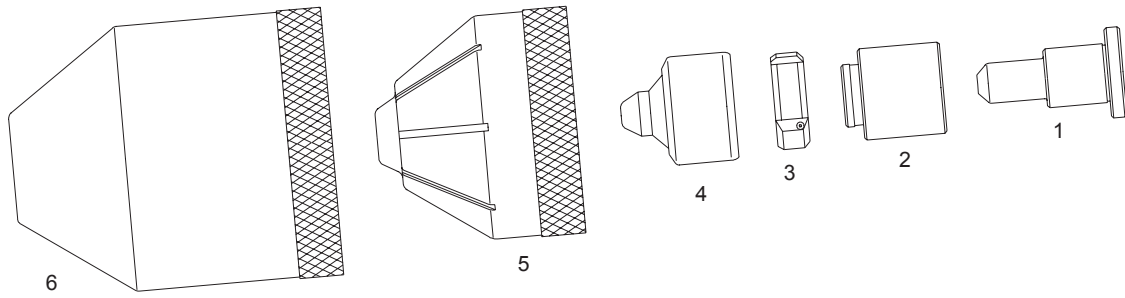
Item	Ref.	Code	Description
1	17119	51167	Tip \varnothing 1,19 - .047, 50 A.
	999263	51168	Tip \varnothing 1,42 - .056, 120 A.
	999264	51169	Tip \varnothing 1,60 - .062, 150 A.
2	999261	80008	Heat shield

UNION CARBIDE®
PT/M - 100



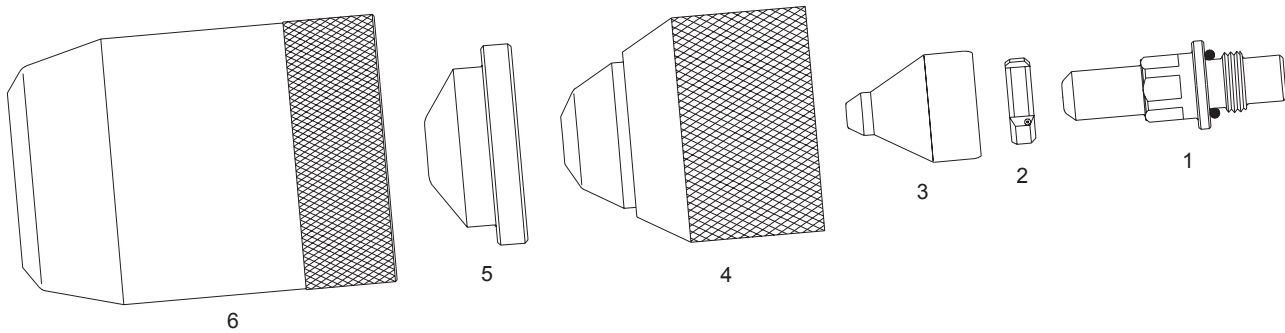
Item	Ref.	Code	Description
1	1340343	51219	Tip \varnothing 1,4
	1340369	51220	Tip \varnothing 1,6
	1340370	51221	Tip \varnothing 2,0
	1340370-25	51222	Tip \varnothing 2,5
2	1340328	51224	Tip \varnothing 1,4
	1340329	51225	Tip \varnothing 1,6

**KOMATSU ®
G 940**



Item	Ref.	Code	Description
1	7848-60-5330	52850	Electrode
2	7848-60-5350	80050	Insulating sleeve
3	7848-60-5360	60450	Swirl ring
4	7848-60-5150	51498	Tip \varnothing 0.4
	7848-60-5170	51499	Tip \varnothing 0.5
	7848-60-5130	51500	Tip \varnothing 0.6
	7848-60-5160	51501	Tip \varnothing 0.7
5	7848-60-5110	60550	Conical nozzle retaining cap
6	7848-60-5310	60551	End cap

**KOMATSU ®
G 990**

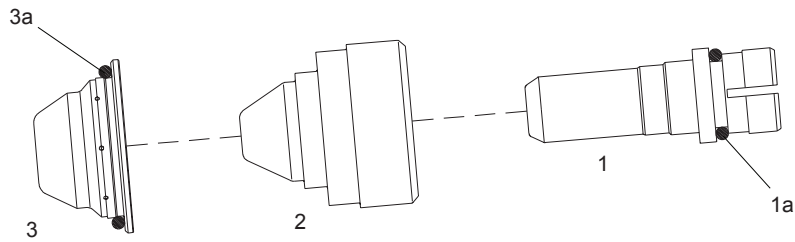


Item	Ref.	Code	Description
1	7848-65-5920	52855	Electrode (XF)
2	7848-65-5360	60455	Swirl ring
3	7848-65-5160	51450	Tip \varnothing 0.8 (XF)
	7848-65-5180	51451	Tip \varnothing 1.1 (XF)
	969-95-40211	51452	Tip \varnothing 1.3 (XF)
4	7848-65-5520	60555	Cap N°1
5	7848-65-5530	60556	Shield Cap
6	7848-65-5580	60557	Cap N°2

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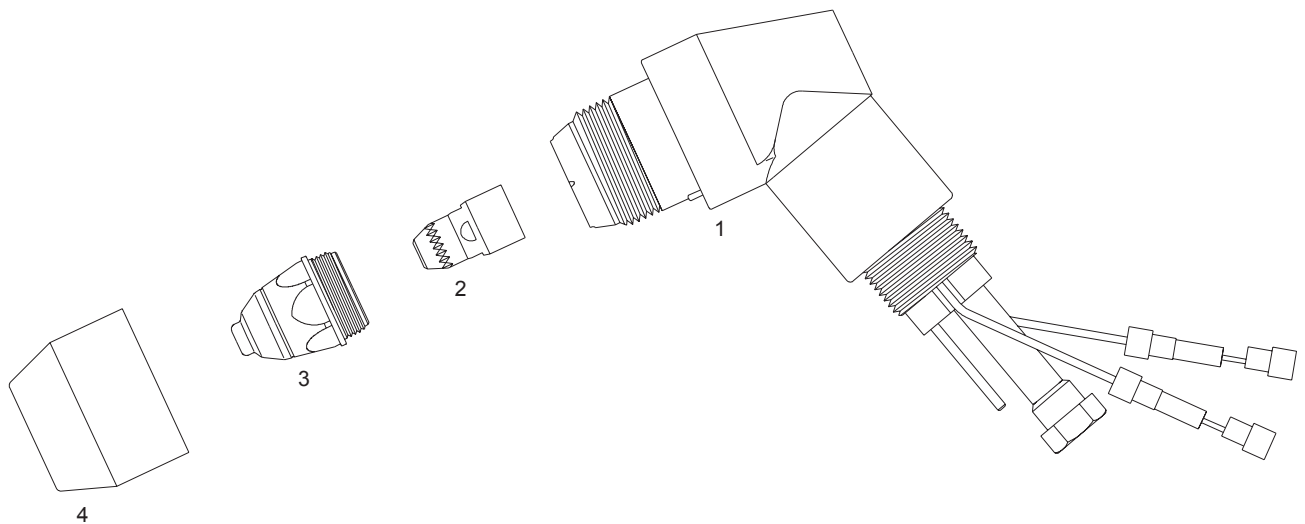
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KOMATSU ® G 9150



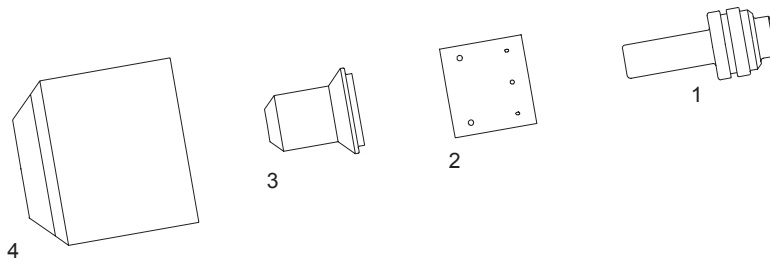
Item	Ref.	Code	Description
1	969-95-24310	52853	Electrode (XF)
1a		20853.41	O-Ring
2	969-95-24190	51456	Tip, ø 0,8 (XF)
	969-95-24180	51457	Tip, ø 1,1 (XF)
	969-95-24130	51458	Tip, ø 1,3 (XF)
3	969-95-24750	60558	Shield Cap
3a		60558.41	O-Ring

PANASONIC ®



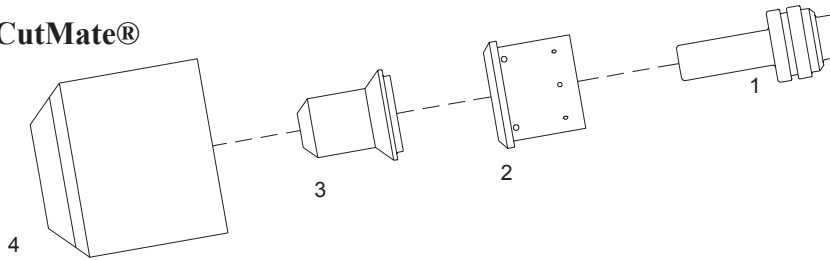
Item	Ref.	Code	Description
1	TKU08103	08000	Hand torch head thread M22x1,5
2	TET02033	52790	Electrode
3	TET 01110	51280.10	Tip ø 1.0 - 40A
	TET 01130	51280.13	Tip ø 1.3 - 60A (replaces TET 01035)
	TET 01512	51280.15	Tip ø 1.5 - 80A (replaces TET 01507)
4	TGN02004	80045	Shield cup

MILLER®
ICE - 25C®
Spectrum® 375



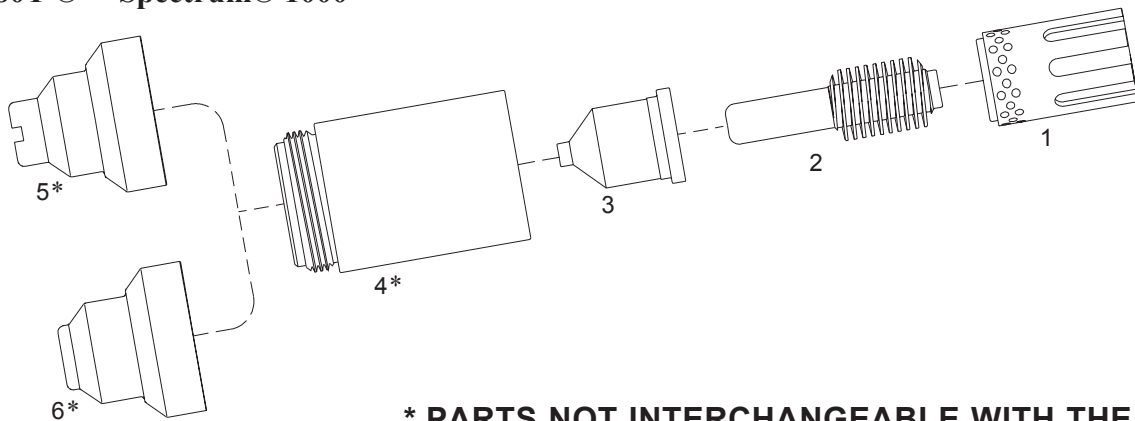
Item	Ref.	Code	Description
1	176655	52631	Electrode
2	176657	60036	Swirl ring
3	176656	51431	Tip \varnothing 0,75 - .030
4	176658	60300	Nozzle retaining cap

MILLER®
ICE - 27C®
Spectrum® 375 CutMate®



Item	Ref.	Code	Description
1	176655	52631	Electrode
2	202809	60038	Swirl ring
3	176656	51431	Tip \varnothing 0,75 - .030
4	202808	60300	Nozzle retaining cap

MILLER®
ICE - 80CX® Spectrum® 3080
ICE - 80T® Spectrum® 1000

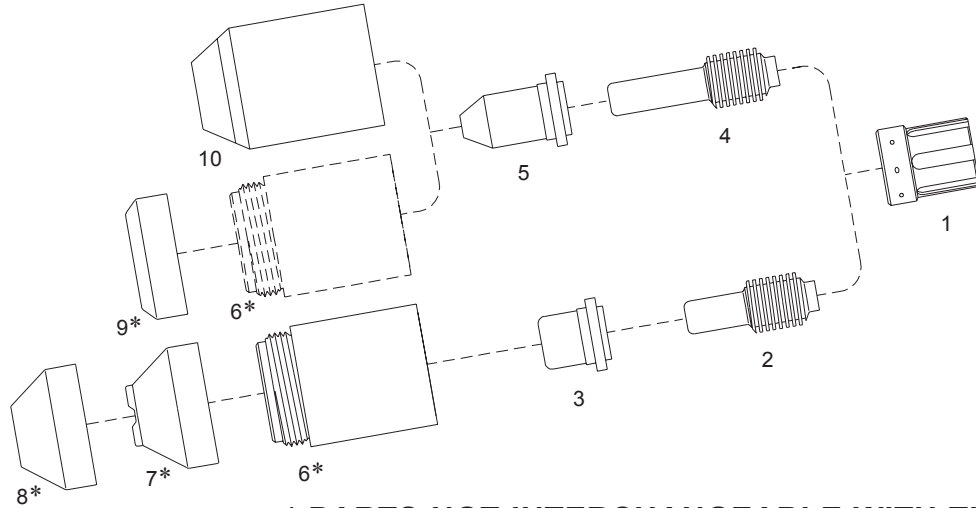


*** PARTS NOT INTERCHANGEABLE WITH THE OEM**

Item	Ref.	Code	Description
1	212734	60043	Swirl ring
2	212724	52644	Electrode
3	212725	51425	Tip, 40A
	212726	51426	Tip, 80A
4	* 212733	60318	Cap, Retaining - (for use with item# 5/6)
5	* 212730	51981/TD	Shield (Hand) - (for use with item# 4)
6	* 212732	51982/TD	Shield (Machine) - (for use with item# 4)

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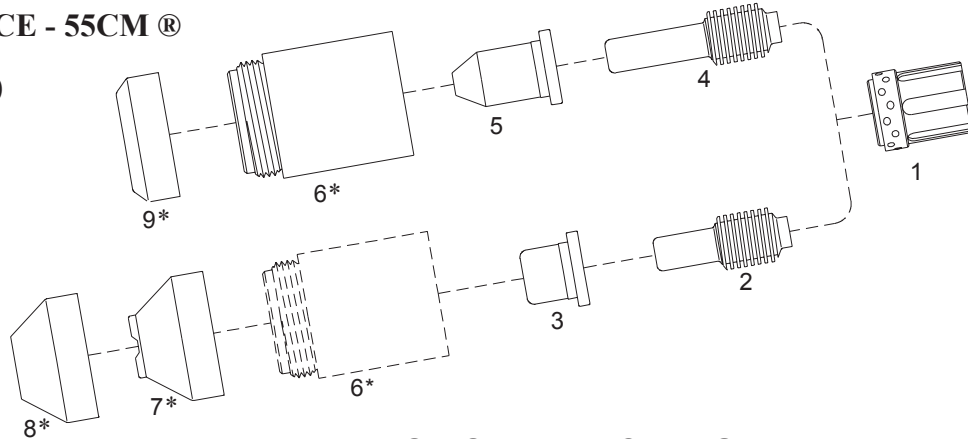
**MILLER®
ICE - 50C
Spectrum® 701**



*** PARTS NOT INTERCHANGEABLE WITH THE OEM**

Item	Ref.	Code	Description
1	177886	60046	Swirl ring
2	177875	52634	Electrode
3	177890	51433	Tip, Standard
4	180340	52635	Extended electrode
5	177876	51435	Tip, Extended
6	*177877	60314/TD	Retaining Cup - (for use with item# 7/8/9)
7	*177887	51985/TD	Drag, Shield - (for use with item# 6)
8	*180341	51986/TD	Machine, Shield - (for use with item# 6)
9	*177888	51987/TD	Deflector - (for use with item# 6)
10		60312	Nozzle retaining cap

**MILLER®
ICE - 55C® / ICE - 55CM®
Spectrum® 625
Spectrum® 2050**

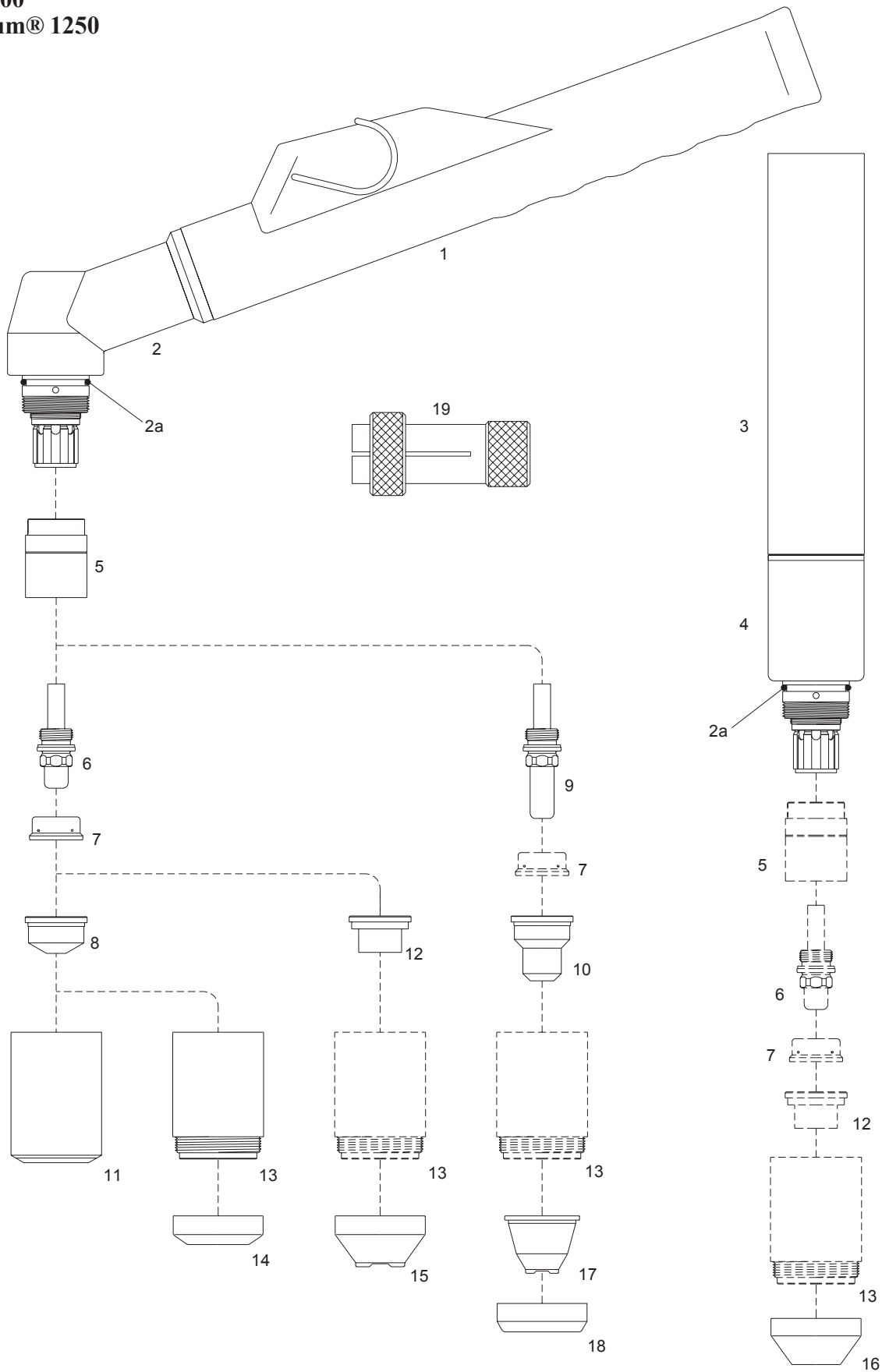


*** PARTS NOT INTERCHANGEABLE WITH THE OEM**

Item	Ref.	Code	Description
1	192049	60047	Swirl ring
2	192047	52634	Electrode (replaces 177875)
3	192051	51434	Tip, Standard
4	192048	52635	Extended electrode (replaces 180340)
5	192056	51436	Tip, extended 55A
	192052	51437	Tip, extended 35A
6	*192050	60317	Retaining Cup - (for use with item# 7/8/9)
7	*192053	51985/TD	Drag, Shield (replaces 177887) - (for use with item# 6)
8	*180341	51986/TD	Machine, Shield - (for use with item# 6)
9	*177888	51987/TD	Deflector - (for use with item# 6)

* CIRCLE CUTTING ATTACHMENT : See page # 71

MILLER®
ICE - 70
ICE - 100
Spectrum® 1250



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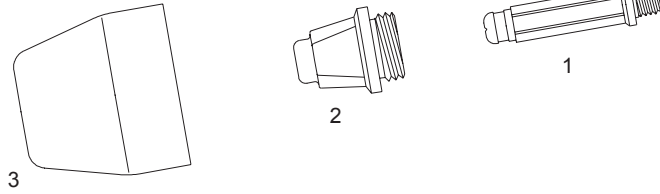
Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

MILLER ®
ICE - 70
ICE - 100

Item	Ref.	Code	Description
1		07301	Hand spare handle complete with microswitch
2	171257	08100	Torch body (hand) complete with handle and microswitch
2a		06000.60	O - Ring
3		07215	Machine spare handle
4	171245	08110	Torch body (machine)
5		60090	Front insulator
6	169217	52638	Electrode
7	169222	60011	Swirl ring
8		51439	Tip ø 1,1 - .043
	169220	51440	Tip ø 1,3 - .052 80A
	169227	51441	Tip ø 1,5 - .059 100A
9	173816	52639	Electrode, extended
10	173814	51443	Tip, extended ø 1,3 - .052 80A
	173815	51444	Tip, extended ø 1,5 - .059 100A
11		60310	Nozzle retaining cap, outside ø 30,1mm - 1.19" (for cutting guide)
12	169219	51446	Contact tip 80A., ø 1,3 - .052
	169226	51447	Contact tip 100A., ø 1,5 - .059
13		60340/TD	Contact nozzle retaining cap
	169223	60340/V/TD	Contact nozzle retaining cap, Max.life
14	169225	51952/TD	Deflector
15	169224	51930/TD	Spacer for contact cutting , hand
16	169230	51935/TD	Shield cup, machine
17		51980/TD	Spacer for contact cutting , hand (for extended tips item 10)
18		51959/TD	Locking nut
19		60369	Extractor for swirl ring

* CIRCLECUTTING ATTACHMENT : See page # 71

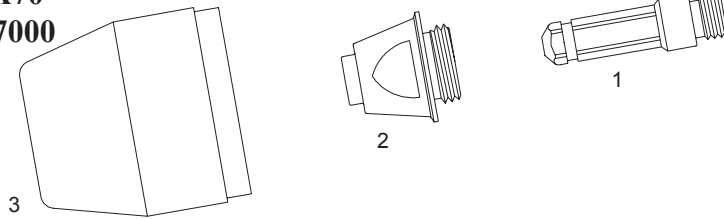
OTC® - M 3000
MILLER® - APT 3000



Item	Ref.	Code	Description for OTC® - M 3000
1	H705F05	52735	Electrode
2	H705F04	51250	Tip
3	H705F03	80055	Shield cup

Item	Ref.	Code	Description for MILLER® - APT 3000
1	125-069	52735	Electrode
2	125-070	51250	Tip

OTC® - D - 7000 - A50/A70
MILLER® - APT 5000/7000
P - TRON® - PZ100

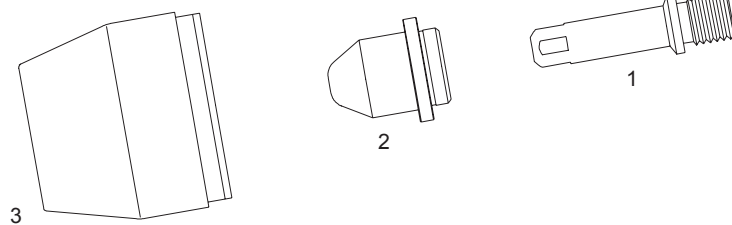


Item	Ref.	Code	Description for OTC® - D - 7000 - OTC® A50/A70
1	H669G11	52740	Electrode
2	H669G06	51255	Tip S - 50A
	H669G05	51256	Tip H - 70A
3	H669G04	80056	Shield cup D - 7000
		80058	Shield cup A50/A70

Item	Ref.	Code	Description for MILLER® - APT 5000/7000
1	123-899	52740	Electrode
2	123-898	51255	Tip ø 1.0 - 50A
	134-338	51256	Tip ø 1.2 - 70A
3	123-897	80056	Shield cup (APT 5000)

Item	Ref.	Code	Description for P - TRON® - PZ 100
1	25-8304	52740	Electrode
2	25-8303	51255	Tip ø 1.0 - 50A
	25-8302	51256	Tip ø 1.2 - 70A
3	25-8301	80056	Shield cup

OTC® - D - 8000
MILLER® - APT 8000



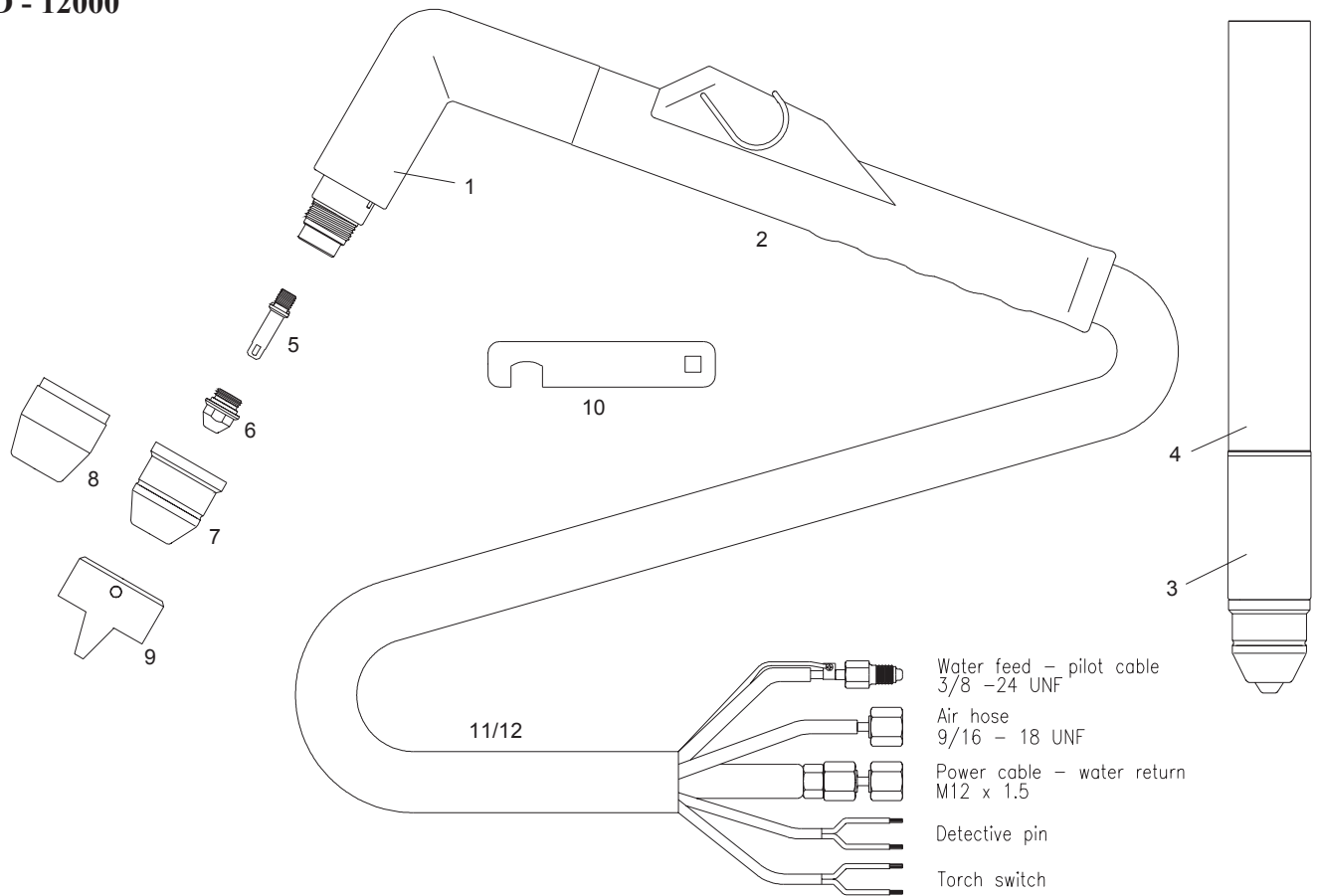
Item	Ref.	Code	Description for OTC® - D - 8000
1	H839M00	52750	Electrode
	H839M00	52750/T	Electrode, Teflon wrapped
2	H767F01	51260	Tip
3	H767J00	60315	Shield cup

Item	Ref.	Code	Description for MILLER® - APT 8000
1	125-039	52750	Electrode
	125-039	52750/T	Electrode, Teflon wrapped
2	125-038	51260	Tip
3	125-040	60315	Shield cup

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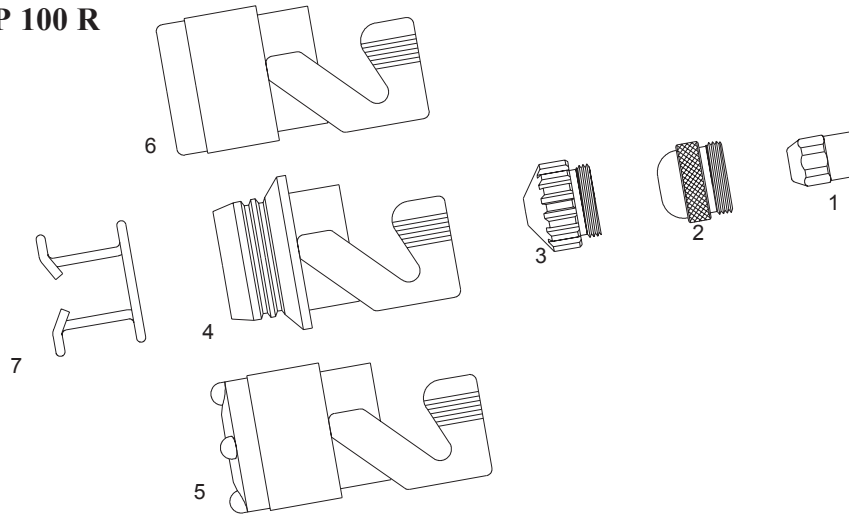
**OTC®
D - 12000**



Item	Ref.	Code	Description
		07820	Hand torch complete with 6 mts. cable
		07830	Hand torch complete with 12 mts. cable
		07840	Machine torch complete with 6 mts. cable
		08730	Machine torch complete with 6 mts. shielded cable
		07850	Machine torch complete with 12 mts. cable
		08736	Machine torch complete with 12 mts. shielded cable
1		07801	Hand torch head complete with handle and consumables
2		04280/C	Handgrip with microswitch
3		07811	Machine torch head complete with handle and consumables
4		07215	Machine handle
5	H839M00	52750/T	Electrode, Teflon wrapped
6	H839K03	51269	Tip ø 0.8 30A
	H839K02	51270	Tip ø 1.0 50A
	H839K01	51271	Tip ø 1.3 80A
	H839G03	51272	Tip ø 1.6 120A
7		80054	Ceramic shield cup
		60354	Teflon shield cup
8	H839G02	80057	Shield cup (for genuine torch head only)
9		60374	Double pointed spacer
10		07800.57	Wrench for tip and electrode
11		07880	Complete cable - 6 mts. - Hand torch
		07885	Complete cable - 12 mts. - Hand torch
12		07890	Complete cable - 6 mts. - Machine torch
		08742	Complete shielded cable - 6 mts. - Machine torch
		07895	Complete cable - 12 mts. - Machine torch
		08748	Complete shielded cable - 12 mts. - Machine torch

* CIRCLECUTTING ATTACHMENT : See page # 70

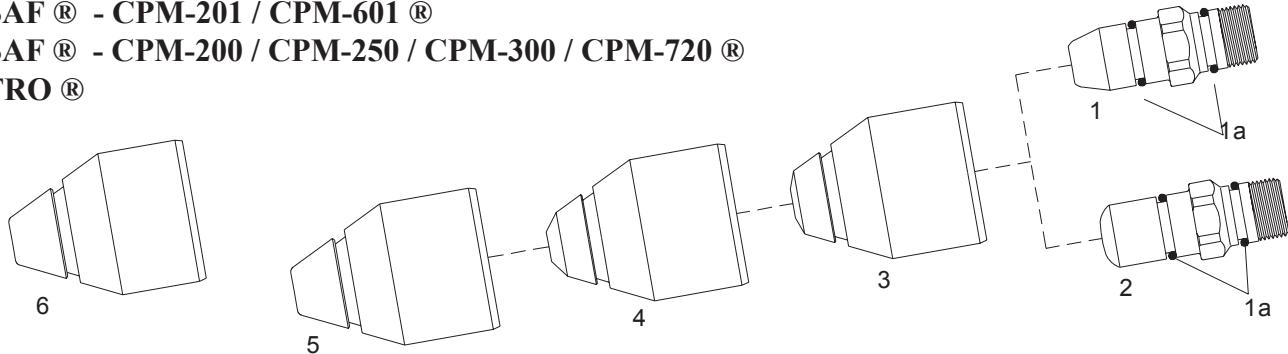
SAF® CP 40 R - CP 100 R
FRO®



Item	Ref.	Code	Description
1	0408-2051	52014	Electrode - Zr.
	0408-2404	52514	Electrode - Hf.
2	0408-2052	51103	Tip 20/40
3	0408-2261	51104	Tip ø 1,0
	0408-2262	51105	Tip ø 1,2
	0408-2385	51118	Tip ø 1,6
4	0408-2267	60426	TN Protection nozzle guide
5	0408-2405	60427	TI Ceramic assembly with bosses
	0408-2268	60428	TI Ceramic guide
7	0408-2053	51901	Spacer spring

* CIRCLECUTTING ATTACHMENT : See page # 71

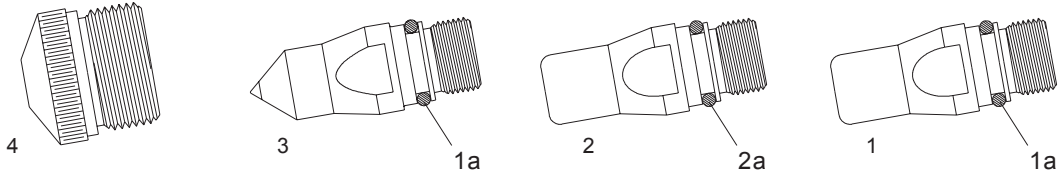
SAF® - CPM-201 / CPM-601®
SAF® - CPM-200 / CPM-250 / CPM-300 / CPM-720®
FRO®



Item	Ref.	Code	Description
1	0408-1482	52597	Flat Electrode H2 hafnium (XF)
	0408-1482AG	52597AG	Flat Electrode H2 hafnium Solid Silver
	0409-2074	52597W	Flat Electrode W2 Tungsten
1a	0408-1283	20595.41	O-Ring ø 8 x 1.25 Nitrile
2	0409-2095	52598	Flat Electrode H25 hafnium (XF)
	0409-2095AG	52598AG	Flat Electrode H25 hafnium Solid Silver
3	0409-2071	51603	Tip 30A, O2
4	0409-2072	51604	Tip 60A, O2
5	0409-2073	51605.13	Tip 90A, O2
	0409-2076	51605.16	Tip 120A, O2
	0409-1278	51605.18	Tip 150A, O2
	0409-1279	51605.20	Tip 180A, O2
			51605.22
6	0409-1280	51605.25	Tip 250A, O2
	0409-1350	51606.30	Tip 320A, N2
	0409-1351	51606.35	Tip 500A, N2
	0409-1352	51606.40	Tip 640A, N2

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SAF® CPM 15
FRO®



Item	Ref.	Code	Description
1	0409-1204	52592	Electrode, Air
1a		20592.41	O-Ring Nitrile Black
2	0409-1205	52593	Electrode, N ₂ (XF)
2a		07100.47	O-Ring Silicone Red
3	0409-1206	52594	Electrode, Ar/H
4	0409-1210	51615.10	Tip 40A
	0409-1212	51615.12	Tip 60A
	0409-1216	51615.16	Tip 100A
	0409-1218	51615.18	Tip 150A

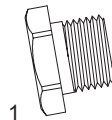
SAF® P30D® CPM-201 / CPM-601® / CPM-250 / CPM-300 / CPM-720®
FRO®



FOR USE WITH POINTED ELECTRODE

Item	Ref.	Code	Description
1	0409-2091	51119.10	Tip ø 1,0 30A 16X1
	0409-2092	51119.12	Tip ø 1,2 60A 16X1
	0409-2093	51119.14	Tip ø 1,4 90A 16X1
	0408-1055	51119.15	Tip ø 1,5 (FRO 2593861)
	0409-2096	51119.16	Tip ø 1,6 120A 16X1
	0408-1056	51119.18	Tip ø 1,8 150A 16X1 (FRO 2593853)
	0408-1052	51119.20	Tip ø 2,0 180A 16X1 (FRO 2593846)
	0408-1053	51119.25	Tip ø 2,5 200A 16X1 (FRO 2593838)
	0408-1078	51119.27	Tip ø 2,7 250A 16X1
	0408-1054	51119.30	Tip ø 3,0 320A 16X1 (FRO 2593820)
2	0408-1345	51119.30/W	Tip ø 3.0 400A 16X1
	0408-1346	51119.35/W	Tip ø 3.5 500A 16X1
	0408-1347	51119.40/W	Tip ø 4.0 600A 16X1
	0408-1348	51119.45/W	Tip ø 4.5 750A 16X1

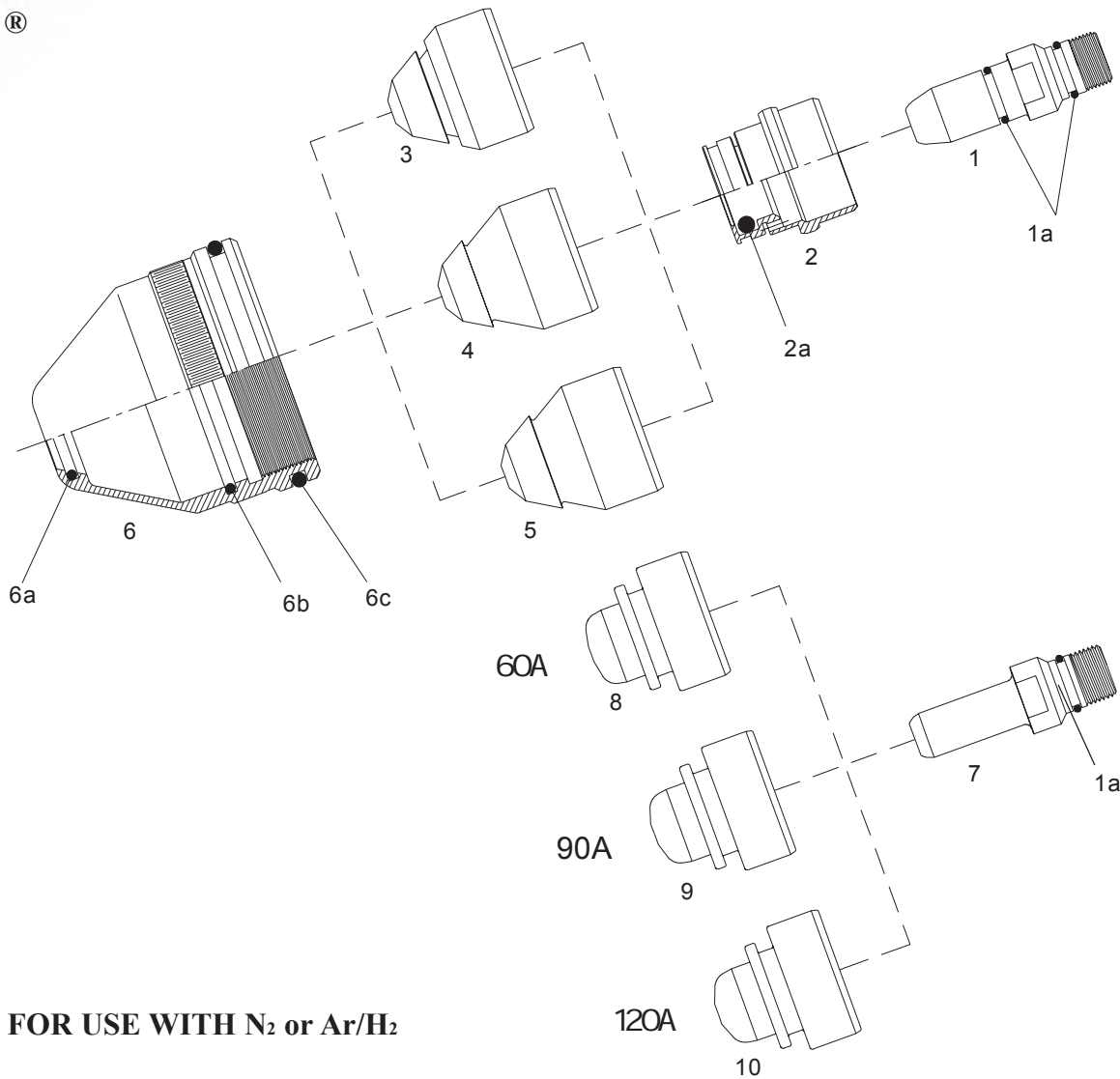
SAF® CPM-200®
FRO®



FOR USE WITH POINTED ELECTRODE

Item	Ref.	Code	Description
1	0408-0915	51610.15	Tip ø 1,5 (FRO 2596252)
	0408-0918	51610.18	Tip ø 1,8 (FRO 2596260)
	0408-0920	51610.20	Tip ø 2,0 (FRO 2596278)
	0408-0925	51610.25	Tip ø 2,5 (FRO 2596286)
		51610.30	Tip ø 3,0

SAF® - OCP-150®
FRO®



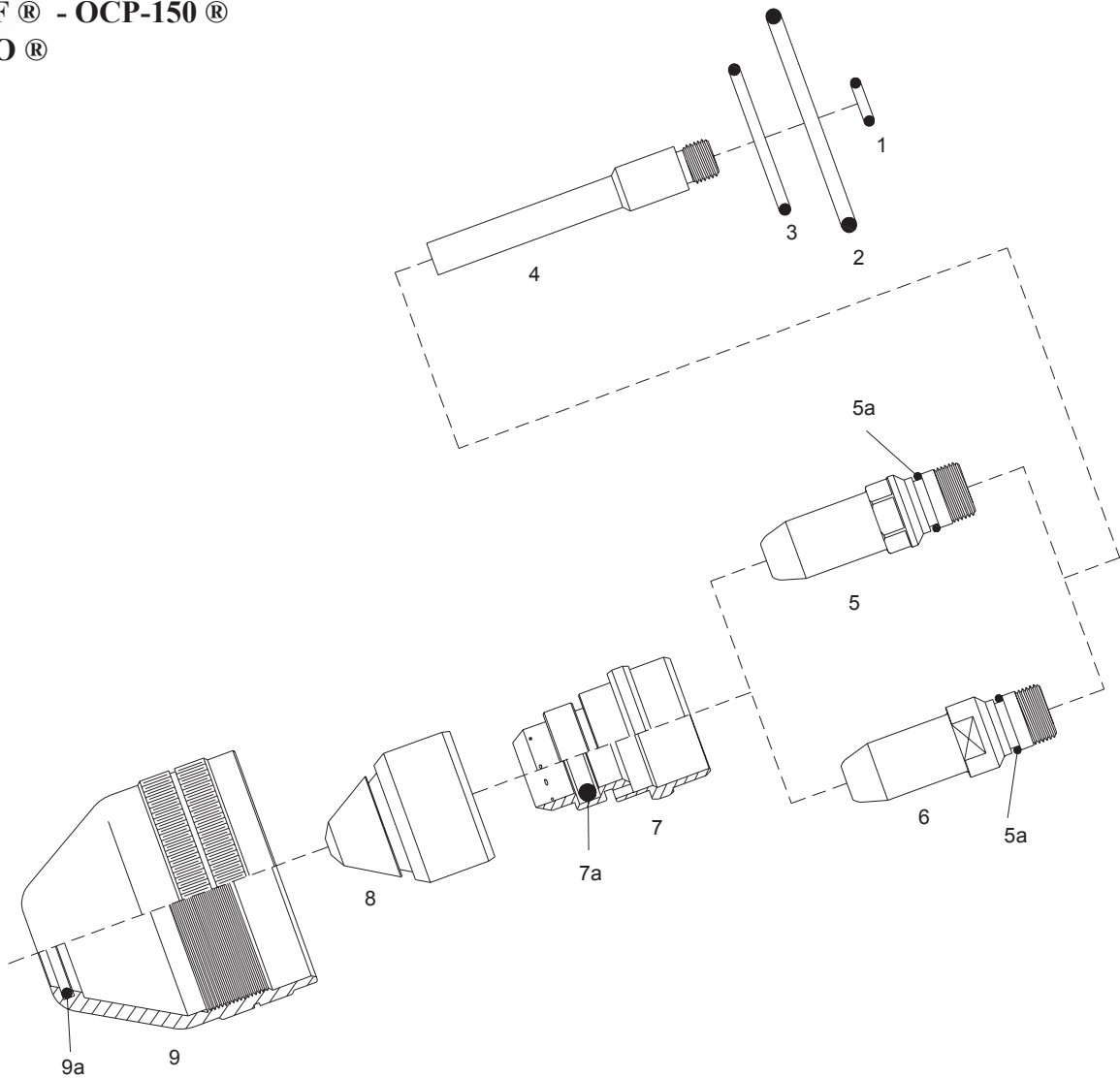
FOR USE WITH N₂ or Ar/H₂

Item	Ref.	Code	Description
1	0409-2194	52596W	Electrode (W15), N2 Ar/H2 (XF) (replaces 0409-2295 and 0409-2285) (FRO 2594128)
1a	0408-1283	20595.41	O-Ring ø 8 x 1.25 Nitrile
2	0409-2209	60605	Diffusor (NL), N2 Ar/H2 (FRO 2594014)
2a	0409-2168	60601.41	O-Ring ø 10 x 3 Silicone
3	0409-2231	51700	Tip 15A, (N15), N2 (FRO 2594220)
	0409-2233	51701	Tip 30A, (N30), N2 (FRO 2594221)
	0409-2234	51702	Tip 40A, (N40), N2 (FRO 2594222)
	0409-2236	51703	Tip 60A, (N60), N2 (FRO 2594223)
4	0409-2239	51705	Tip 90A, (N90), N2 (FRO 2594224)
	0409-2240	51706	Tip 120A, (N120), N2 (FRO 2594225)
5	0409-2249	51708	Tip 90A, (A90), Ar/H2 (FRO 2594240)
	0409-2250	51709	Tip 120A, (A120), Ar/H2 (FRO 2594241)
6	0409-2210	60606	Nozzle retaining cap, N2 Ar/H2 (FRO 2594005)
6a	0409-2187	60606.41	O-Ring ø 14 x 1.78 EPDM
6b	0409-2188	60606.42	O-Ring ø 37.8 x 1.78 Nitrile
6c	0409-2189	60606.43	O-Ring ø 42.5 x 2.62 Nitrile
7	0409-2395	52589W	Electrode WT15
8	0409-2416	51717	Tip 60A - T60 - INOX
9	0409-2419	51718	Tip 90A - T90 - INOX
10	0409-2420	51719	Tip 120A - T120 - INOX

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SAF® - OCP-150®
FRO®



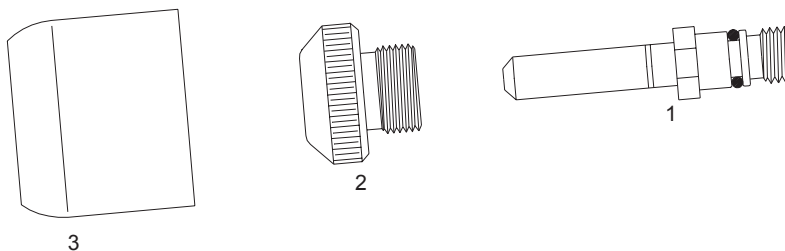
FOR USE WITH O₂

Item	Ref.	Code	Description
1	0408-1238	60600.44	O-Ring ø 5.28 x 1.78 Nitrile
2	0408-1282	60600.43	O-Ring ø 36.17 x 2.62 Nitrile
3	0408-1284	60600.42	O-Ring ø 24 x 2 Nitrile
4	0409-2154	60602	Diffusor
5	0409-2184	52595	Electrode
5a	0408-1283	20595.41	O-Ring ø 8 x 1.25 Nitrile
6	0409-2185	52596	Electrode - HX5 (XF) (replaces 0409-2195)
	0409-2185	52596AG	Electrode - HX5 - Solid Silver
7	0409-2170	60601	Swirl ring OCP VD6, 60A,
	0409-2169	60603	Swirl ring OCP VD15, 120A,
7a	0409-2168	60601.41	O-Ring ø 10 x 3 Silicone
8	0409-2171	51601.05	Tip 15A,
	0409-2173	51600.07	Tip 30A,
	0409-2174	51600.08	Tip 40A,
	0409-2176	51600.10	Tip 60A,
	0409-2183	51600.13	Tip 90A,
	0409-2186	51600.16	Tip 120A,
9	0409-2166	60600	Nozzle retaining cap
9a	0409-2167	60600.41	O-Ring ø 15 x 1.78 EPDM

(FRO 2594103)

MESSER GRIESHEIM ®

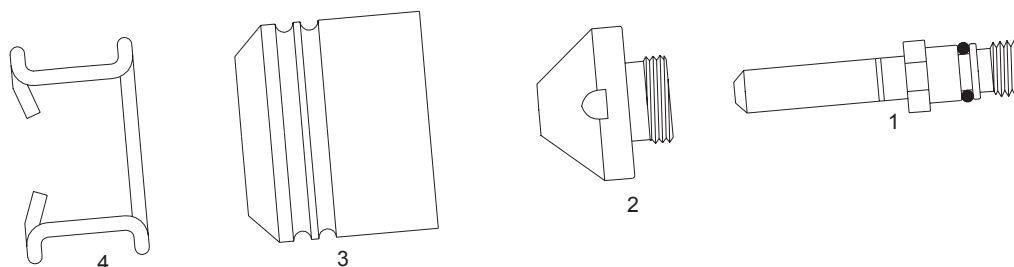
PCH 60



Item	Ref.	Code	Description
1	753.03293	52590	Electrode
2	753.03311	51230	Tip ø 1,0
3	753.03314	60425	Nozzle retaining cap

MESSER GRIESHEIM ®

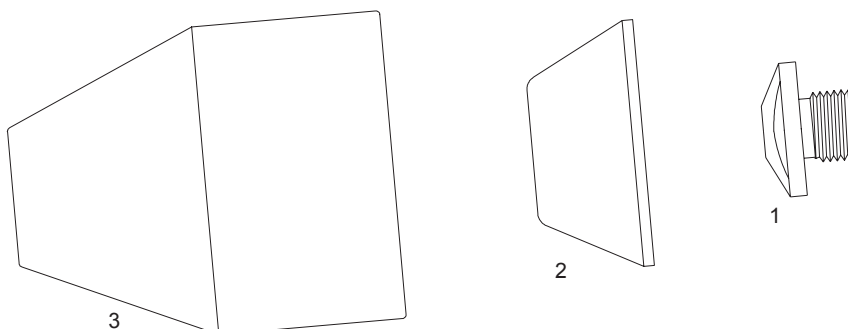
PCH 95



Item	Ref.	Code	Description
1	753.03293	52590	Electrode
2	753.03753	51231	Tip ø 1.0
	753.03754	51232	Tip ø 1.2
3	753.03751	60335	Nozzle retaining cap
4	753.03777	51915	Spacer spring

MESSER GRIESHEIM ®

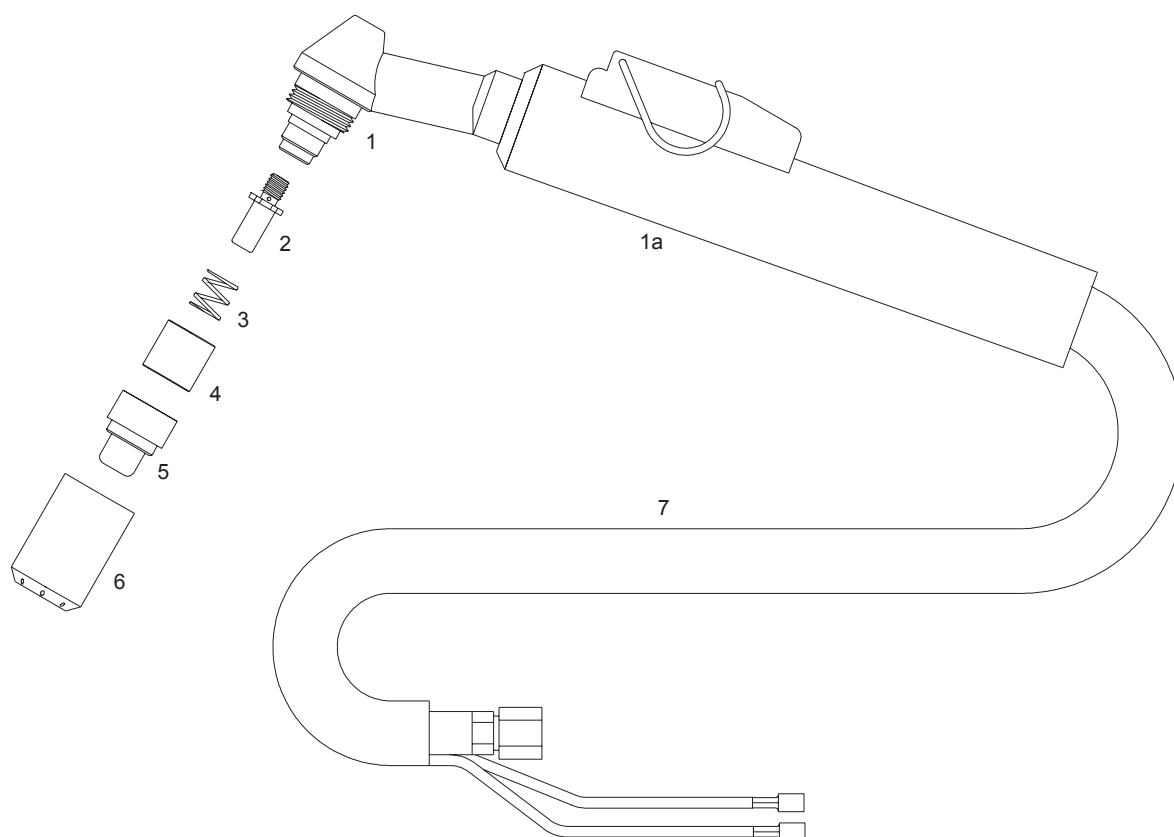
PCH 100 / PCM 250



Item	Ref.	Code	Description
1	445.292	51234	Tip ø 1,0
	445.291	51235	Tip ø 1,4
		51236	Tip ø 1,6
	445.327	51237	Tip ø 2,0
	445.261	51238	Tip ø 2,5
2	445.278	80025	Ceramic shroud PCH 100
3	445.259	80026	Ceramic shroud PCM 250

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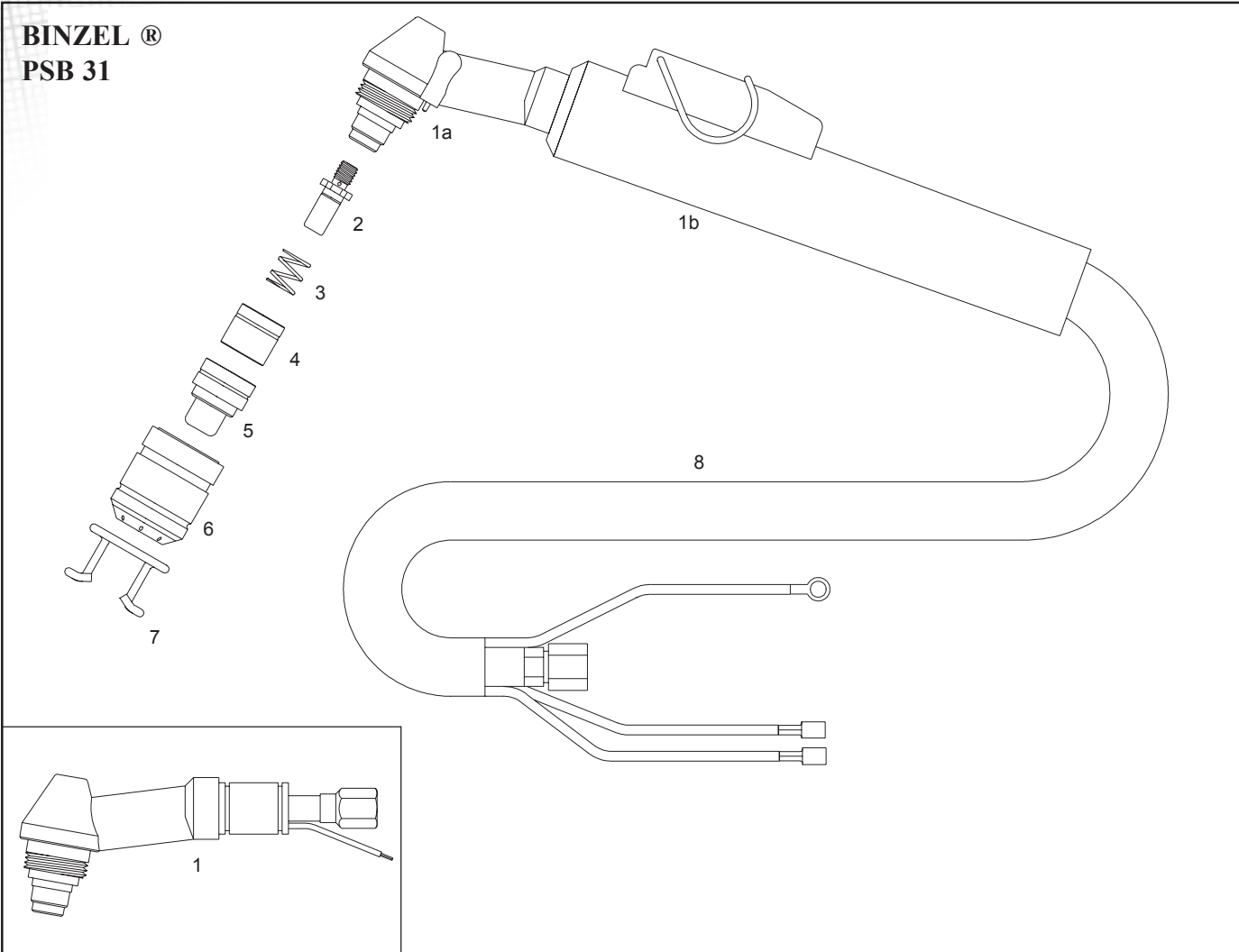
BINZEL ®
PSB 30



Item	Ref.	Code	Description
	744.0114	07744	Torch complete with 4 mts cable (3/8 connection)
	744.0115	07746	Torch complete with 6 mts cable (3/8 connection)
1	744.0098	07730	Torch body
1a	742.0044	03284	Handgrip complete with microswitch
2	744.0014	52021	Electrode mm. 14,5 - Zr.
	744.0013	52022	Electrode mm. 15 - Zr.
	744.0012	52015	Electrode mm. 15,5 - Zr.
3	744.0024	51905	Spring
4	744.0076	60401	Insulating sleeve for H F version
	744.0023	60402	Spring sleeve
5	744.0010	51106	Tip ø 1,0
	744.0061	51007	Tip ø 1,2
6	744.0011	60400	Air diffusor, insulator
7		07784	Air and power cable 4 mts (3/8 connection)
		07786	Air and power cable 6 mts (3/8 connection)

* CIRCLE CUTTING ATTACHMENT : See page # 71

BINZEL®
PSB 31

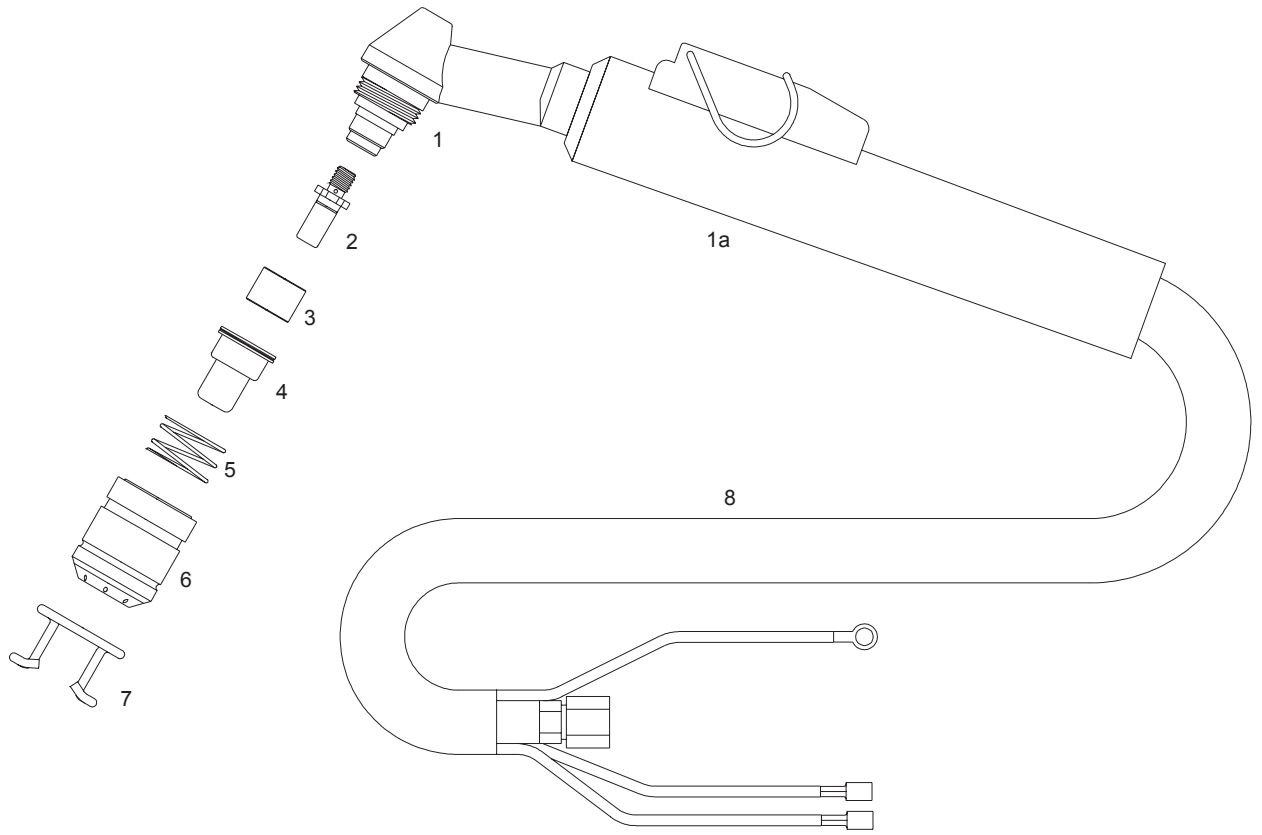


Item	Ref.	Code	Description
	742.0046	07714	Torch complete with 4 mts cable (1/4 connection)
	742.0087	07716	Torch complete with 6 mts cable (1/4 connection)
	742.0047	07724	Torch HF S complete with 4 mts cable (1/4 connection)
	742.0088	07726	Torch HF S complete with 6 mts cable (1/4 connection)
1	742.0054	07700	Torch body 31/31KK
1a	442P010100T+B	07750	Torch body 31 with safety
1b	742.0044	03284	Handgrip complete with microswitch
2	742.0016	52018	Electrode mm. 15,5 - Zr.
	742.0017	52016	Electrode mm. 16 - Zr.
	742.0018	52017	Electrode mm. 16,5 - Zr.
3	744.0024	51905	Spring
4	742.0038	60403	Insulating sleeve for H F version
	742.0025	60404	Spring sleeve
5	742.0011	51160	Tip ø 1,0
	742.0026	51161	Tip ø 1,2
6	742.0004	60405	Air diffuser, insulator
	442P010101T+B	60406	Air diffuser, insulator, with safety
7	742.0089	51902	Spacer spring
8		07774	Air and power cable 4 mts (1/4 connection)
		07776	Air and power cable 6 mts (1/4 connection)

* CIRCLECUTTING ATTACHMENT : See page # 71

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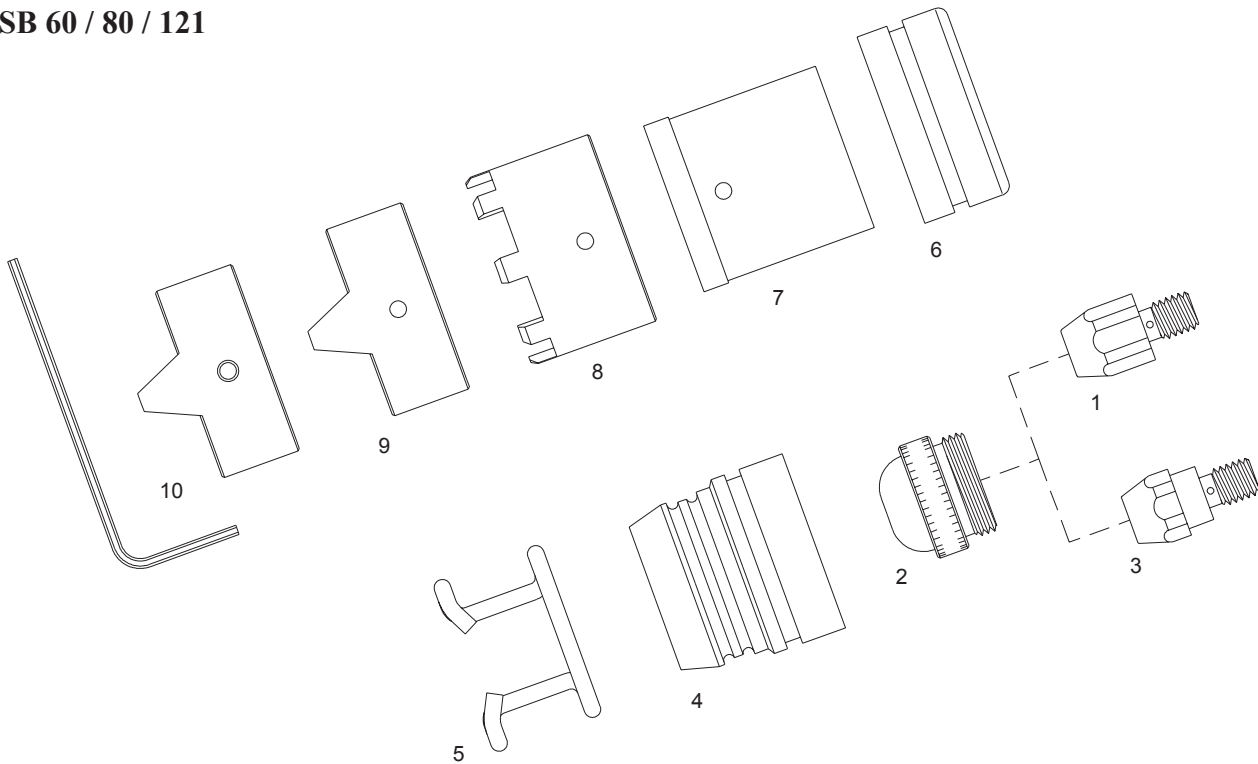
BINZEL ®
PSB 31 KK



Item	Ref.	Code	Description
	742.0135	07734	Torch complete with 4 mts cable, (1/4 connection)
	742.0136	07736	Torch complete with 6 mts cable, (1/4 connection)
1	742.0054	07700	Torch body
1a	742.0044	03284	Handgrip complete with microswitch
2	742.0016	52018	Electrode mm. 15,5 - Zr.
	742.0017	52016	Electrode mm. 16 - Zr.
	742.0018	52017	Electrode mm. 16,5 - Zr.
3	742.0082	60407	Insulating sleeve
4	742.0083	41005	Tip ø 1,0
	742.0106	41006	Tip ø 1,2
5	742.0084	51906	Spring
6	742.0086	60408	Air diffuser, insulator
7	742.0089	51902	Spacer spring
8		07774	Air and power cable 4 mts (1/4 connection)
		07776	Air and power cable 6 mts (1/4 connection)

* CIRCLECUTTING ATTACHMENT : See page # 71

BINZEL®
PSB 60 / 80 / 121



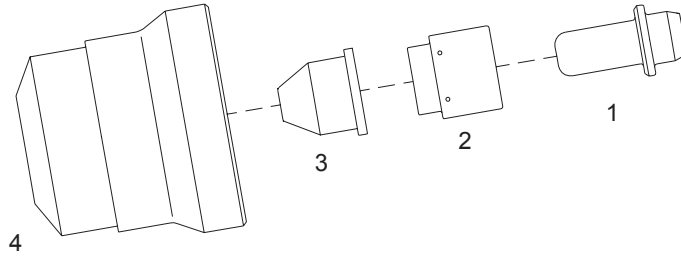
Item	Ref.	Code	Description
1	743.0077	52008	Electrode - Zr.
	743.0067	52515	Electrode - Hf.
2	743.0122	51107	Tip ø 1,0.
	743.0143	51108	Tip ø 1,3.
	743.0132	51109	Tip ø 1,5
	743.0209	51110	Tip ø 1,8
	743.0355	51135	Tip ø 2,0
	3	743.0425- Zr	52055
743.0425-Hf		52655	Special electrode - Hf.
4	743.0131	60415	Spring support
5	743.0149	51901	Spacer spring
6	743.0125	60410	Distance sleeve
7	743.0126	60411	Distance nozzle support
8	743.0127	60361	Crown spacer nozzle
9	743.0168	60360	Double pointed nozzle
10	743.0267	60362	Double pointed nozzle with screws and key

* CIRCLE CUTTING ATTACHMENT : See page # 71

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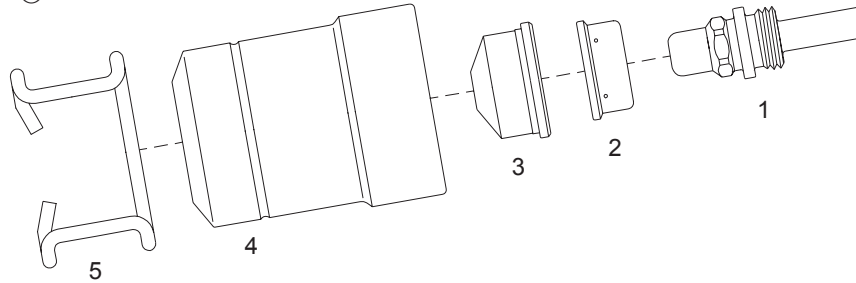
36 Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

BINZEL ®
ABIPLAS CUT 70 ®



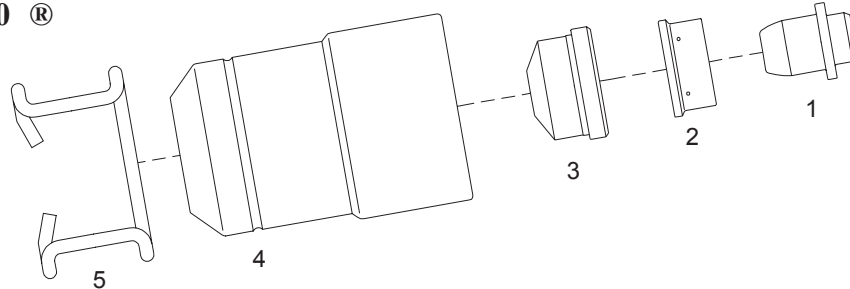
Item	Ref.	Code	Description
1	742.D056	52660	Electrode
2	742.D073	60200	Swirl ring
3	742.D008	51545.09	Conical tip Ø 0.9
	742.D018	51545.11	Conical tip Ø 1.1
	742.D041	51545.12	Conical tip Ø 1.2
4	742.D023	60470	Shield cap

BINZEL ®
ABIPLAS CUT 110 ®



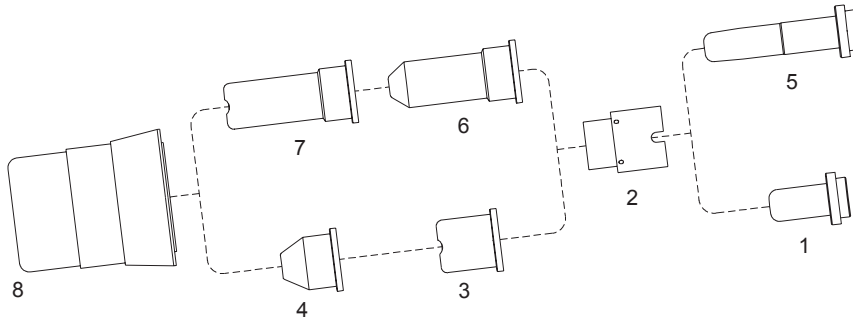
Item	Ref.	Code	Description
1	745.D008	52665	Electrode
2	745.D113	60201	Swirl ring
3	745.D018	51540.10	Tip Ø 1.0
	745.D010	51540.12	Tip Ø 1.2
	745.D017	51540.14	Tip Ø 1.4
	745.D065	51540.16	Tip Ø 1.6
4	745.D026	60473	Shield cap
5	745.D012	51910	Spacer spring

BINZEL ®
ABIPLAS CUT 150 ®



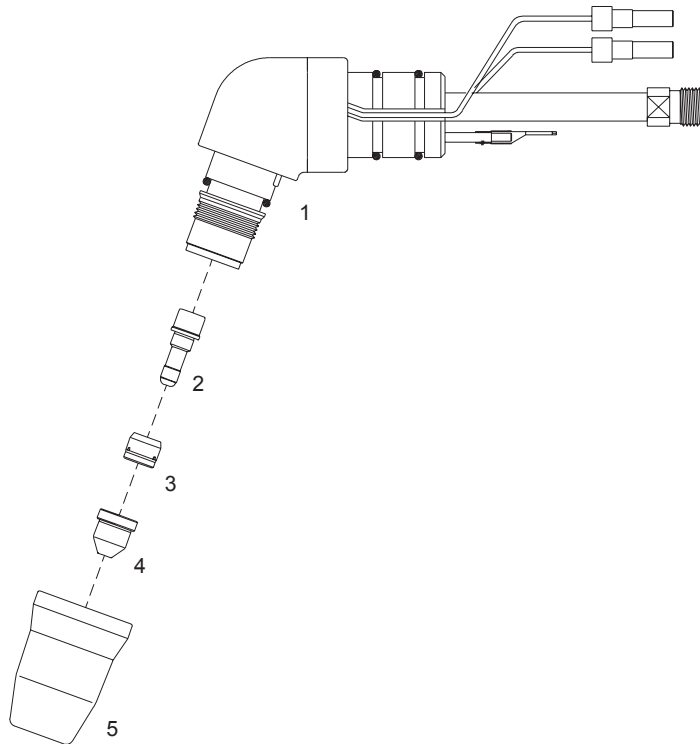
Item	Ref.	Code	Description
1	757.D008	52670	Electrode
2	757.D060	60202	Swirl ring
3	757.D037	51550.12	Tip Ø 1.2
	757.D009	51550.15	Tip Ø 1.5
	757.D010	51550.16	Tip Ø 1.6
	757.D011	51550.18	Tip Ø 1.8
4	757.D019	60475	Shield cap
5	757.D012	51910	Spacer spring

CEBORA ® P 30 ®
ART. 920 - 925 - 936



Item	Ref.	Code	Description
1	1520- Zr	52010	Electrode - Zr.
	1520- Hf	52510	Electrode - Hf.
2	1510	60002	Swirl ring
3	1304	51100	Tip
4	1305	51098	Conical tip (Lo - Amp.)
5	1519- Zr	52011	Long electrode - Zr.
	1519- Hf	52511	Long electrode - Hf.
6	1306	51101	Long conical tip (Lo - Amp.)
7	1370	51102	Long tip
8	5.710.120	60321	Nozzle retaining cap

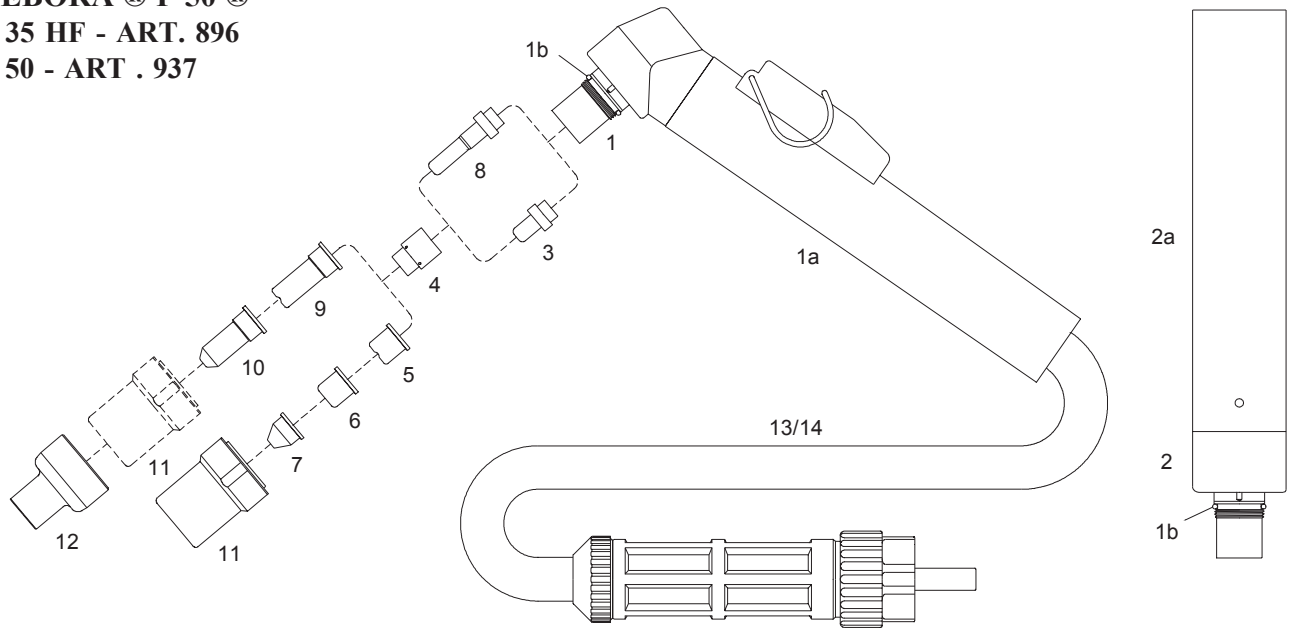
CEBORA ® CP-40 ®



Item	Ref.	Code	Description
1	1359	01040	Hand torch head
2	1516	52545	Electrode
3	1507	60007	Swirl ring
4	1290	51086	Tip \varnothing 0.7
5	1906	60323	Nozzle retaining cap

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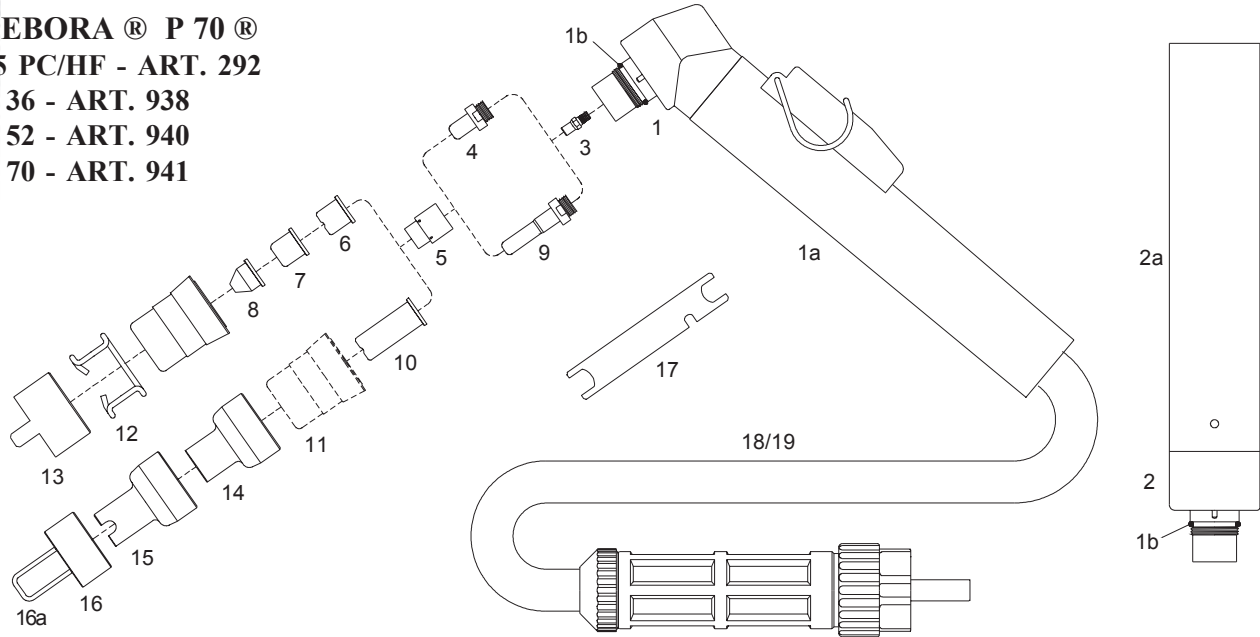
CEBORA® P 50®
P 35 HF - ART. 896
P 50 - ART. 937



Item	Ref.	Code	Description
	1526	03050/C	Hand torch complete with 6 mts cable (1/8" connection)
	1574	03051/C	Hand torch complete with 6 mts cable (central connector)
		03150/C	Hand torch complete with 12 mts cable (1/8" connection)
		03151/C	Hand torch complete with 12 mts cable (central connector)
		03400	Machine torch complete with 6 mts cable (1/8" connection)
		03401	Machine torch complete with 6 mts cable (central connector)
		03500	Machine torch complete with 12 mts cable (1/8" connection)
		03501	Machine torch complete with 12 mts cable (central connector)
1	1352	01000	Hand torch head
1a	1356	03280/C	Handgrip with microswitch
1b		01000.60	O - Ring
2		03300	Machine torch head
2a		03310	Machine handle
3	1521- Zr	52012	Electrode - Zr.
	1521- Hf	52512	Electrode - Hf.
4		60001	Swirl ring
5	1304	51100	Tip ø 1.0
	1396	51095	Tip long life ø 1.0
		51100/S	Tip long life ø 1.1
6		51099	Flat tip ø 1.0.
7	1305	51098	Conical tip ø 1.0 (Lo - Amp.)
8	1518- Zr	52013	Extended electrode - Zr.
	1518- Hf	52513/L	Extended electrode - Hf.
9	1370	51102	Extended tip, ø 1.0
	1395	51095/L	Extended tip, long life ø 1.0
		51102/S	Extended tip, long life ø 1.1
10	1306	51101	Extended conical tip ø 1.0 (Lo - Amp.)
11	5.710.121	60320	Nozzle retaining cap
12		51965	Shield cup, hand (for extended tips 51095/L, 51102/S and 51101)
13	1344	03240	Air and power cable 6 mts 1/8" - Hand torch
		03250	Air and power cable 12 mts 1/8" - Hand torch
14		03320	Air and power cable 6 mts 1/8" - Machine torch
		03330	Air and power cable 12 mts 1/8" - Machine torch

* CIRCLECUTTING ATTACHMENT : See page # 70

CEBORA® P 70®
35 PC/HF - ART. 292
P 36 - ART. 938
P 52 - ART. 940
P 70 - ART. 941



Item	Ref.	Code	Description
	1564	03070/CS	Hand torch complete with 6 mts cable (1/8" connection)
	1573	03071/CS	Hand torch complete with 6 mts cable (central connector)
	1573.20	03171/CS	Hand torch complete with 12 mts cable (central connector)
	1563	03470/S	Machine torch complete with 6 mts cable (1/8" connection)
	1566	03471/S	Machine torch complete with 6 mts cable (central connector)
	1566.20	03571/S	Machine torch complete with 12 mts cable (central connector)
1	1351	01070	Hand torch head
1a	1356	03280/C	Handgrip with microswitch
1b	3.160067	01000.60	O - Ring
2	1349	03370	Machine torch head
2a	3.055.623	03310	Machine handle
3	3.065204	01070.42	Diffusor
4	1402	52551	Electrode
5		60001	Swirl ring
6	1309	51100.09	Tip ø 0.9 - 35A
	1396	51095	Tip long life ø 1.0 - 50A
		51100/S	Tip long life ø 1.1 - 60A
		51096	Tip long life ø 1.2 - 70A
7	1308	51100.12	Tip ø 1.2 - 70A
		51099	Flat tip ø 1.0
		51099.12	Flat tip ø 1.2
8	1305	51098	Conical tip ø 1.0 (Lo - Amp.)
		51098.12	Conical tip ø 1.2
9	1368	52553	Extended electrode
10	1366	51102.09	Extended tip ø 0.9 - 35A
	1395	51095/L	Extended tip long life ø 1.0 - 50A
		51102/S	Extended tip long life ø 1.1 - 60A
		51096/L	Extended tip long life ø 1.2 - 70A
11	5.710.171	60321	Nozzle retaining cap
12	1394	51901	Spacer spring
13	1405	60367	Double pointed spacer
14		51970	Shield cup, hand (for extended tips 51102.09 and 51095/L)
15		51971	Spacer for contact cutting, hand (for extended tips 51102/S and 51096/L)
16		60382	Spacer complete with springs
16a		60383	Spare springs (20 pcs.)
17	3.045.012	60368	Wrench for electrode
18	1344	03240/S	Air and power cable 6 mts 1/8" - Hand torch
		03250/S	Air and power cable 12 mts 1/8" - Hand torch
19		03320/S	Air and power cable 6 mts 1/8" - Machine torch
		03330/S	Air and power cable 12 mts 1/8" - Machine torch

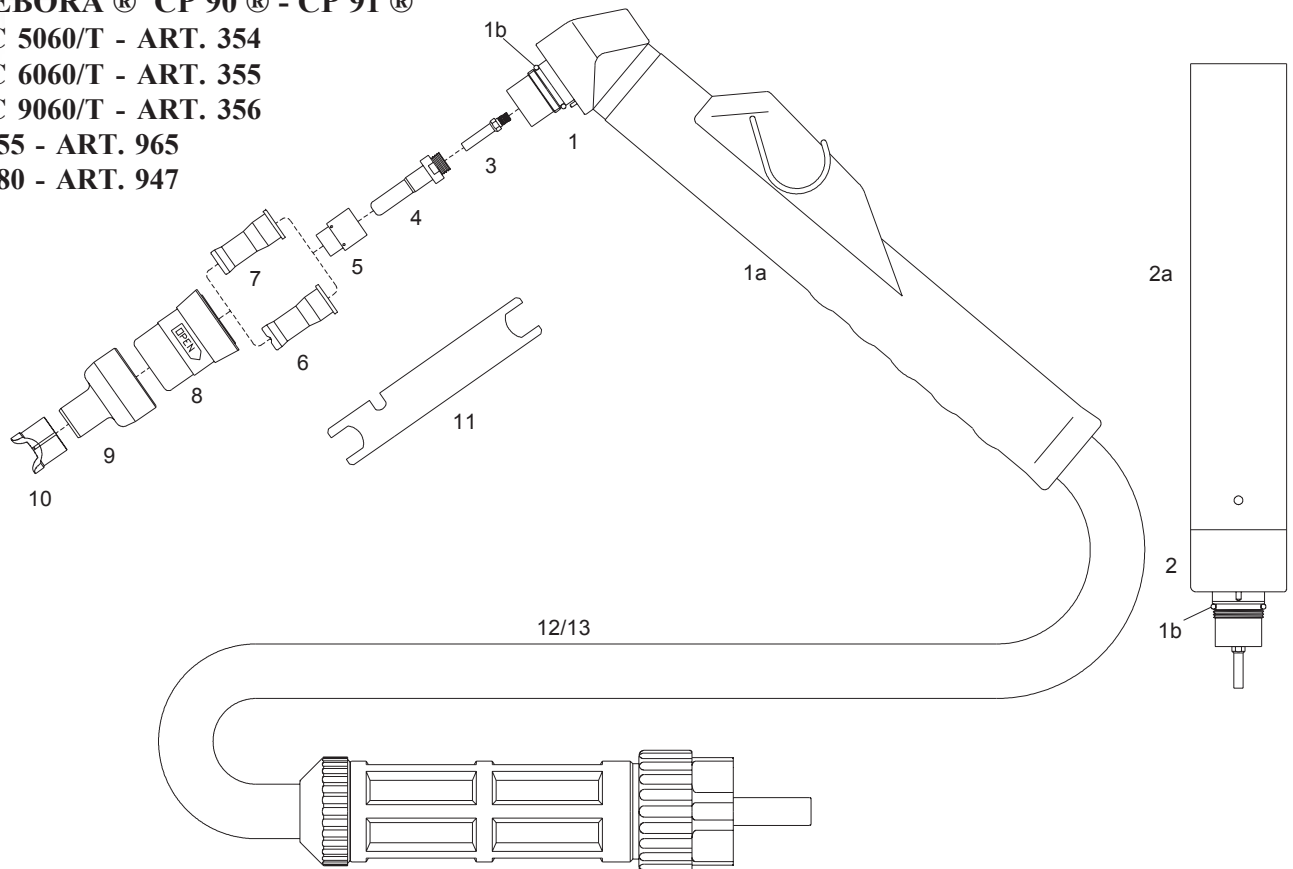
* CIRCLE CUTTING ATTACHMENT : See page # 70

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CEBORA® CP 90® - CP 91®

- PC 5060/T - ART. 354**
- PC 6060/T - ART. 355**
- PC 9060/T - ART. 356**
- P 55 - ART. 965**
- P 80 - ART. 947**

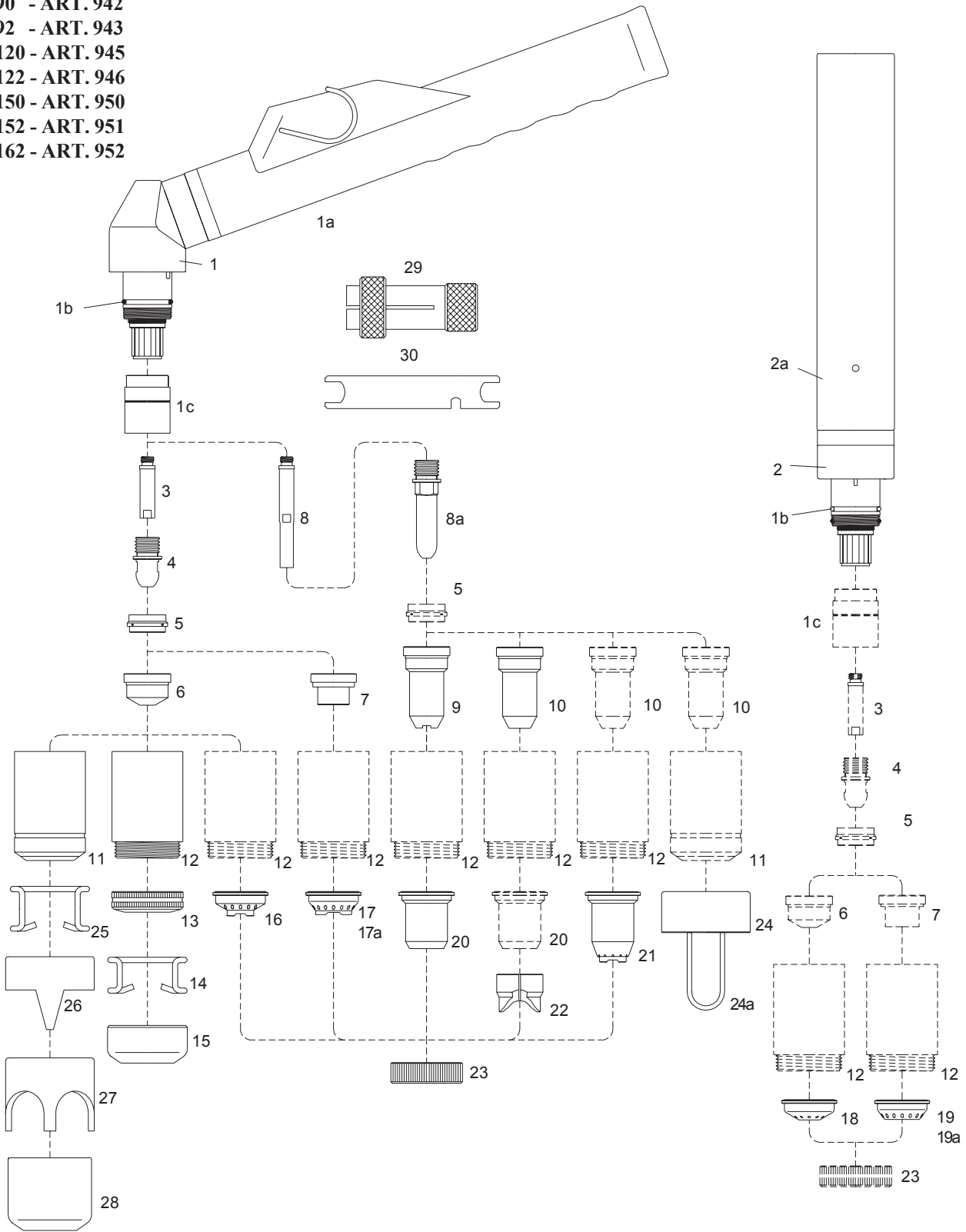


Item	Ref.	Code	Description
	1214	03091/CS	Hand torch complete with 6 mts cable (central connector)
	1214.20	03191/CS	Hand torch complete with 12 mts cable (central connector)
	1218	03491/S	Machine torch complete with 6 mts cable (central connector)
	1218.20	03591/S	Machine torch complete with 12 mts cable (central connector)
	1215	03090/CS	Hand torch complete with 6 mts cable (1/8" connection)
1	1358	01090	Hand torch head
1a		04280/C	Handgrip with microswitch
1b	3.160.067	01000.60	O - Ring
2	1348	03390	Machine torch head
2a	3.055.623	03310	Machine handle
3		01090.42	Diffusor
4	1368	52553	Electrode
5		60001	Swirl ring
6		51090	Tip long life ø 1.0 - 20-50A (for use with item. 8 only)
7		51092	Tip long life ø 1.2 - 50-70A (for use with item. 8 only)
		51093	Tip long life ø 1.3 - 70-90A (for use with item. 8 only)
8		60322	Nozzle retaining cap (for use with item. 6-7 only)
9		51972	Shield cup, hand
10		51973	Spacer for contact cutting, hand
11	3.045.012	60368	Wrench for electrode
12		03093/S	Air and power cable 6 mts 1/8" - Hand torch (central connector)
		03193/S	Air and power cable 12 mts 1/8" - Hand torch (central connector)
13		03493/S	Air and power cable 6 mts 1/8" - Machine torch (central connector)
		03593/S	Air and power cable 12 mts 1/8" - Machine torch (central connector)
N/S		03240/S	Air and power cable 6 mts 1/8" - Hand torch (1/8" connection)

* CIRCLE CUTTING ATTACHMENT : See page # 70

CEBORA® P150® - CP 160®

- P 90 - ART. 942
- P 92 - ART. 943
- P 120 - ART. 945
- P 122 - ART. 946
- P 150 - ART. 950
- P 152 - ART. 951
- P 162 - ART. 952



Complete Torches for CP 160®

Item	Ref.	Code	Description
	1226	04053/CS	Hand torch complete with 6 mts cable (central connector)
	1226.20	04153/CS	Hand torch complete with 12 mts cable (central connector)
	1228	08679	Machine torch complete with 6 mts shielded cable (central connector)
	1228.20	08685	Machine torch complete with 12 mts shielded cable (central connector)

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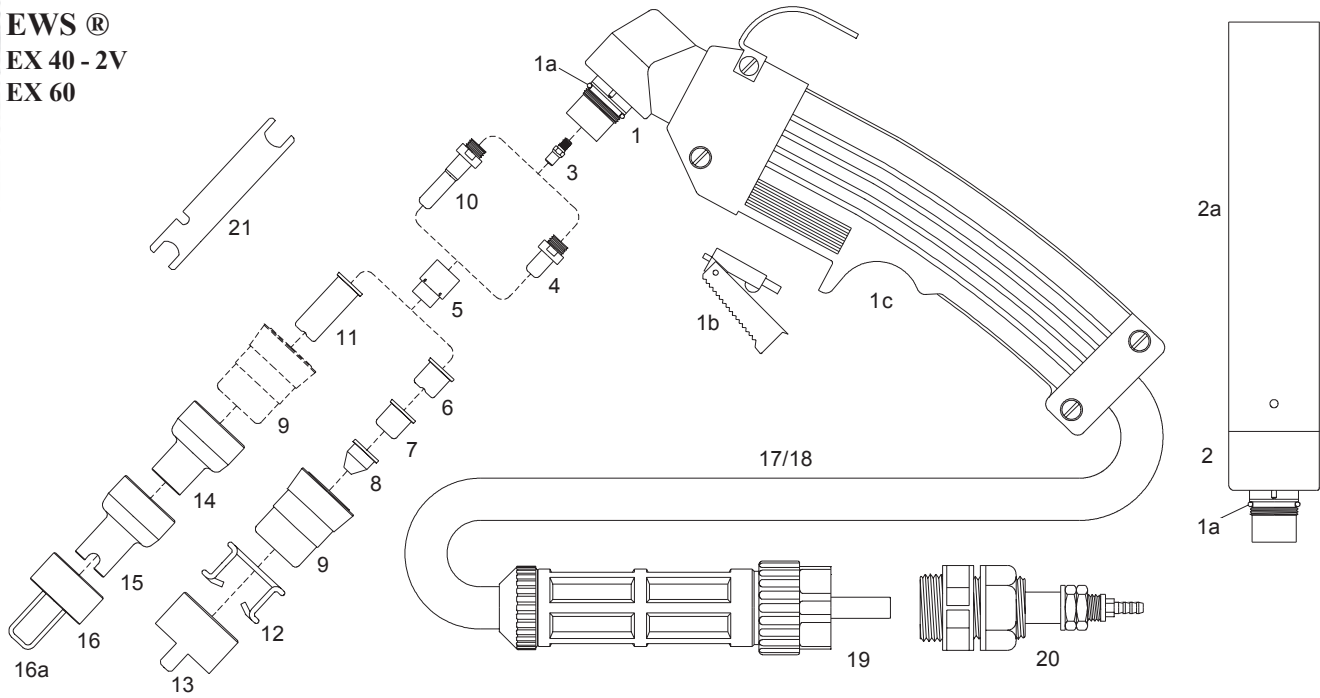
CEBORA® P150® - CP 160®

Item	Ref.	Code	Description
	1571	04050/CS	Hand torch complete with 6 mts cable (1/8" connection)
	1576	04051/CS	Hand torch complete with 6 mts cable (central connector)
	1578	04151/CS	Hand torch complete with 12 mts cable (central connector)
	1529	04400/S	Machine torch complete with 6 mts cable (1/8" connection)
	1577	04401/S	Machine torch complete with 6 mts cable (central connector)
	1579	04501/S	Machine torch complete with 12 mts cable (central connector)
1	1353	02000	Hand torch head
1a		04280/C	Handgrip with microswitch
1b	1398	02000.60	O - Ring
1c		60080	Front insulator
2	1354	04300	Machine torch head
2a	3.055.623	03310	Machine handle
3	1378	05004	Diffusor
4	1376	52540	Electrode
5	1377	60020	Swirl ring
6	1371	51140/S	Tip long life ø 1,1
	1372	51141/S	Tip long life ø 1,35
	1373	51142/S	Tip long life ø 1,6
	1374	51143/S	Tip long life ø 1,8
	1375	51144	Gouging tip ø 3,0
7		51410	Contact tip ø 1,35
		51411	Contact tip ø 1,6
		51412	Contact tip ø 1,8
8		05005	Extended Diffusor
8a	1517	52549	Extended electrode
9	1369	51148	Contact extended tip max. 50A
10		51148.13	Extended tip ø 1,35 - 90A
		51148.16	Extended tip ø 1,6 - 120A
		51148.18	Extended tip ø 1,8 - 150A
11	1389	60330	Nozzle retaining cap
12		60350	Contact nozzle retaining cap,
		60350/V	Contact nozzle retaining cap, Max.life
13		51952	Spring holder protection nut
14		51911	Spacer spring for code 51952
15		51953	Gouging spacer
16		51950	Spacer for contact cutting, hand
17		51930	Spacer for contact cutting, hand
17a		51920	Spacer for contact cutting, hand
18		51951	Shield cup, machine
19		51935	Shield cup, machine
19a		51925	Shield cup, machine
20		51957	Shield cup, hand (max. 50A)
21		51958	Spacer for contact cutting, hand
22		51974	Spacer for extended tips High Amp.
23		51959	Locking nut
24		60380	Spacer complete with springs
24a		60381	Spare springs
25	1386	51910	Spacer spring
26	1408	60370	Double pointed spacer
27		60371	Crown spacer
28	1406	60373	Gouging spacer
29	1509	60369	Extractor for swirl ring
30	3.045.010	60368	Wrench for electrode
		04240/S	Air and power cable 6 mts 1/8" - Hand torch
		04250/S	Air and power cable 12 mts 1/8" - Hand torch
		04320/S	Air and power cable 6 mts 1/8" - Machine torch
		04330/S	Air and power cable 12 mts 1/8" - Machine torch

* SHIELDED TORCHES : See page # 66

* CIRCLE CUTTING ATTACHMENT : See page # 70

EWS®
EX 40 - 2V
EX 60



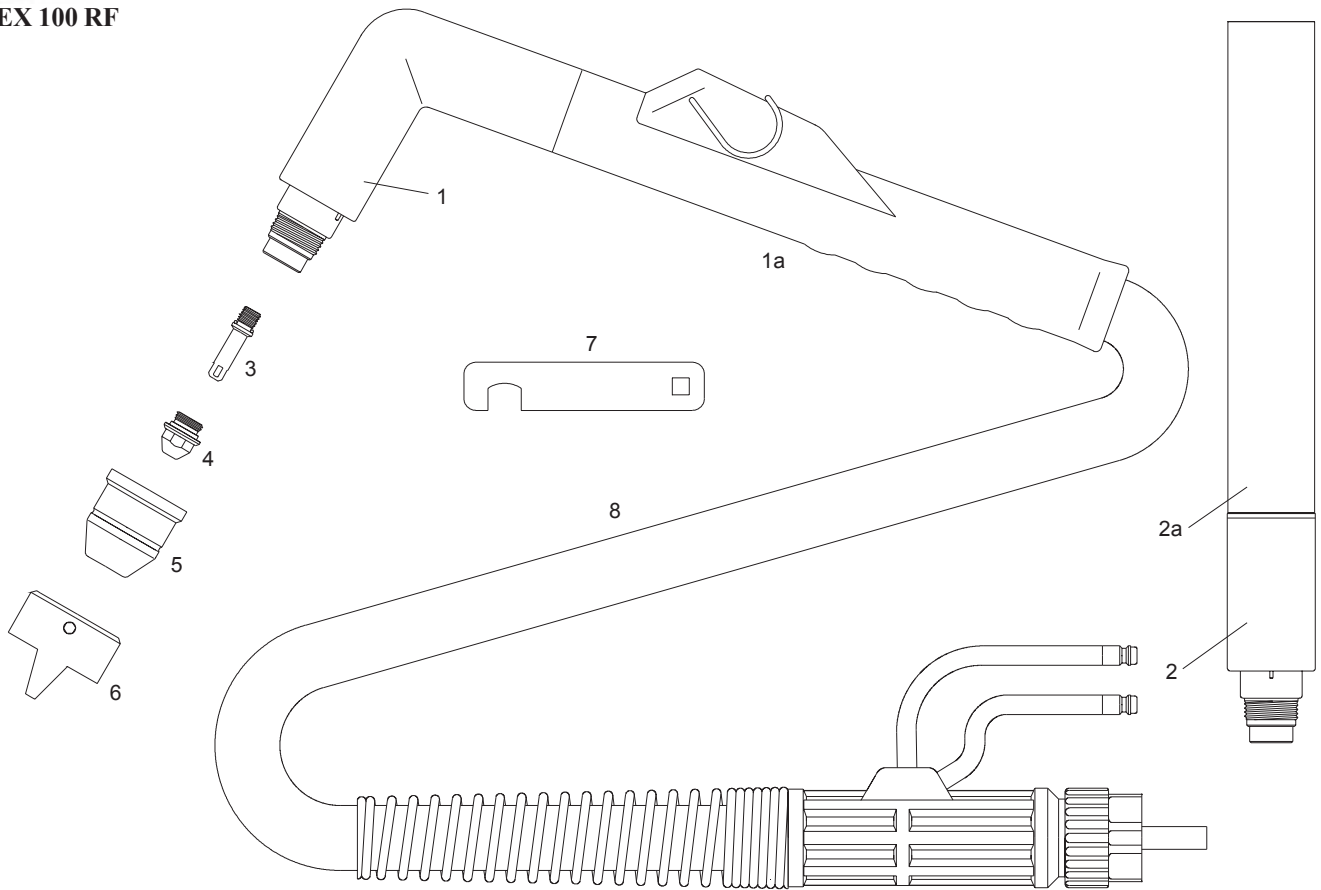
Item	Ref.	Code	Description
	W0400030	03072	Hand torch complete with 6 mts cable (central connector)
		03172	Hand torch complete with 12 mts cable (central connector)
	W0400046	03472	Machine torch complete with 6 mts cable (central connector)
	W0400033	03572	Machine torch complete with 12 mts cable (central connector)
1	W0300100	03270	Hand torch head
1a	W0300101	01000.60	O - Ring
1b	W0300103	07301.20	Switch
1c	W0300102	07301	Handgrip complete with switch
2	W0300148	03370	Machine torch head
2a	W0300144	03310	Machine handle
3	W0300104	01070.42	Diffusor
4	W0300105	52551	Electrode
5	W0300106	60001	Swirl ring
6	W0300155	51100.09	Tip \varnothing 0.9 - 35A
	W0300107	51095	Tip long life \varnothing 1.0 - 50A
	W0300192	51100/S	Tip long life \varnothing 1.1 - 60A
	W0300108	51096	Tip long life \varnothing 1.2 - 70A
	W0300193	51100.12	Tip \varnothing 1.2 - 70A
7	W0300149	51099	Flat tip \varnothing 0,9
	W0300150	51099.12	Flat tip \varnothing 1,2
8	W0300151	51098	Pipe saddle tip \varnothing 1,0
	W0300152	51098.12	Pipe saddle tip \varnothing 1,2
9	W0300109	60321	Nozzle retaining cap
10	W0300110	52553	Extended electrode
11	W0300236	51102.09	Extended tip \varnothing 0.9 - 35A
	W0300111	51095/L	Extended tip long life \varnothing 1.0 - 50A
	W0300237	51102/S	Extended tip long life \varnothing 1.1 - 60A
	W0300112	51096/L	Extended tip long life \varnothing 1.2 - 70A
12	W0300113	51901	Spacer spring
13	W0300114	60367	Double pointed spacer
14	W0300238	51970	Shield cup, hand (for extended tips 51102.09 and 51095/L)
15	W0300239	51971	Spacer for contact cutting, hand (for extended tips 51102/S and 51096/L)
16	W0300240	60382	Spacer complete with springs
16a	W0300241	60383	Spare springs
17	W0300242	03241	Air and power cable 6 mts 1/8" - Hand torch
	W0300243	03251	Air and power cable 12 mts 1/8" - Hand torch
18		03321	Air and power cable 6 mts 1/8" - Machine torch
		03331	Air and power cable 12 mts 1/8" - Machine torch
19	W0300117	04260-EWS	Central connector torch side
20	W0300118	04265-EWS	Central connector machine side
21	W0300119	60368	Wrench for electrode

* CIRCLECUTTING ATTACHMENT : See page # 70

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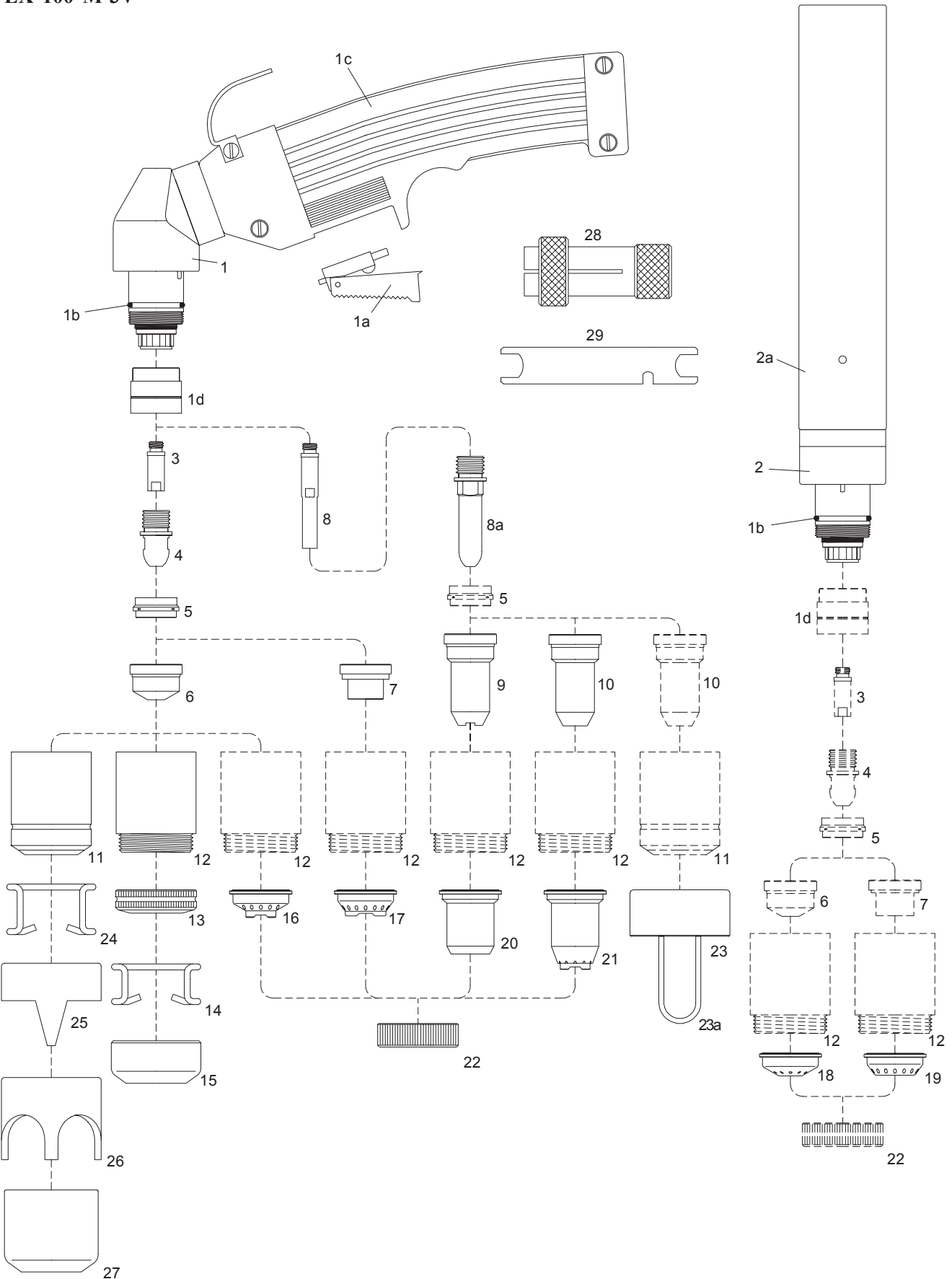
EWS®
EX 100 RF



Item	Ref.	Code	Description
	W0400038	07822	Hand torch complete with 6 mts. cable (central connector)
	W0400039	07832	Hand torch complete with 12 mts. cable (central connector)
	W0400040	07842	Machine torch complete with 6 mts. (central connector)
	W0400041	07852	Machine torch complete with 12 mts. (central connector)
1	W0300171	07800	Hand torch head complete with 52751, 51272/CU and 60354
1a	W0300172	04280/C	Handgrip with microswitch
2	W0300169	07810	Machine torch head complete with 52751, 51272/CU and 80054
2a	W0300168	07215	Machine handle
3	W0300160	52751	Electrode, w/O-Ring
4	W0300163	51269/CU	Tip ø 0.8 30A
	W0300164	51270/CU	Tip ø 1.0 50A
	W0300165	51271/CU	Tip ø 1.3 80A
	W0300161	51272/CU	Tip ø 1.6 120A
	W0300166	51273/CU	Tip ø 1.8 150A
5	W0300167	80054	Shield cup
		60354	Teflon shield cup
6	W0300265	60374	Double pointed spacer
7	W0300250	07800.57	Wrench for tip and electrode
8	W0300173	07882	Complete cable - 6 mts. central connector - Hand torch
	W0300247	07887	Complete cable - 12 mts. central connector - Hand torch
		07892	Complete cable - 6 mts. central connector - Machine torch
		07897	Complete cable - 12 mts. central connector - Machine torch

- * SHIELDED TORCHES : See page # 66
- * CIRCLE CUTTING ATTACHMENT : See page # 70

EWS®
EX 100
EX 100 M
EX 100 M-3V



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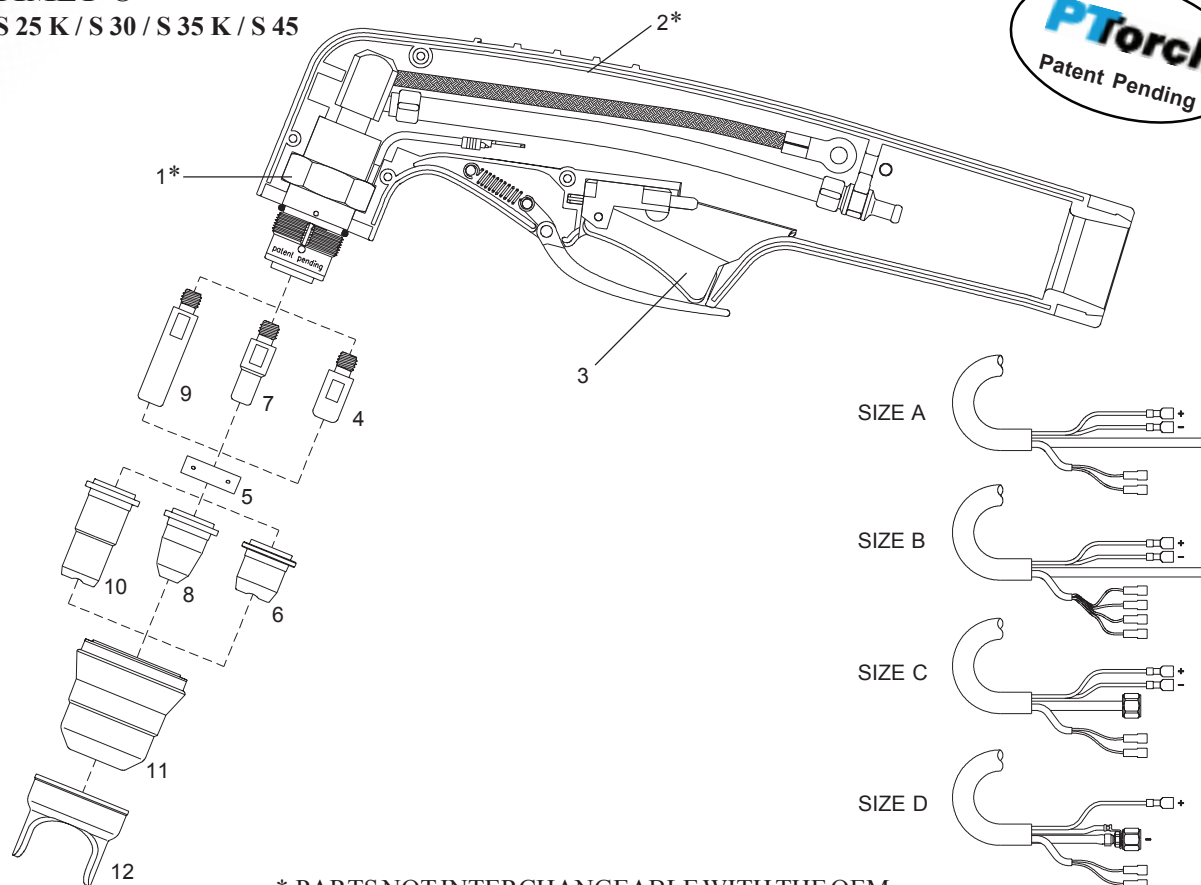
EWS® - EX 100 - EX 100 M - EX 100 M-3V

Item	Ref.	Code	Description
	W0400052	01252	Hand torch complete with 6 mts cable (central connector)
	W0400037	01352	Hand torch complete with 12 mts cable (central connector)
	W0400034	01452	Machine torch complete with 6 mts cable (central connector)
	W0400035	01552	Machine torch complete with 12 mts cable (central connector)
1	W0300263	01200	Hand torch head
1a	W0300103	07301.20	Switch
1b	W0300121	02000.60	O - Ring
1c	W0300102	07301	Handgrip complete with switch
1d		60085	Front insulator
2	W0300143	01400	Machine torch head
2a	W0300144	03310	Machine handle
3	W0300122	06004	Diffusor
4	W0300123	52540	Electrode
5	W0300124	60020	Swirl ring
6		51140/S	Tip long life ø 1,10 (replaces W0300125)
	W0300174	51141/S	Tip long life ø 1,35 (replaces W0300126)
	W0300175	51142/S	Tip long life ø 1,60 (replaces W0300127)
	W0300128	51144.24	Gouging tip ø 2,4
7	W0300135	51410	Contact tip ø 1,35
	W0300137	51411	Contact tip ø 1,6
8		06005	Extended diffusor
8a	W0300133	52549	Extended electrode
9	W0300134	51148	Extended tip (for contact cutting max. 50A)
10	W0300178	51148.13	Extended tip ø 1,35 - 90A - (for 51958 + 51959 or 60380)
	W0300179	51148.16	Extended tip ø 1,6 - 120A - (for 51958 + 51959 or 60380)
11	W0300129	60328	Nozzle retaining cap
12	W0300138	60348	Contact nozzle retaining cap
		60348/V	Contact nozzle retaining cap, Max.life
13	W0300244	51952	Spring holder protection nut
14	W0300245	51911	Spacer spring for code 51952
15		51953	Gouging spacer
16	W0300180	51950	Spacer for contact cutting, hand
17		51930	Spacer for contact cutting, hand
18	W0300181	51951	Shield cup, machine
19		51935	Shield cup, machine
20	W0300182	51957	Shield cup, hand (max. 50A)
21	W0300183	51958	Spacer for contact cutting, hand
22	W0300184	51959	Locking nut
23	W0300187	60380	Spacer complete with springs
23a	W0300188	60381	Spare springs
24	W0300130	51910	Spacer spring
25	W0300131	60370	Double pointed spacer
26	W0300177	60371	Crown spacer
27	W0300132	60373	Gouging spacer
	W0300140	04241	Air and power cable 6 mts 1/8" - Hand torch
	W0300141	04251	Air and power cable 12 mts 1/8" - Hand torch
	W0300189	04321	Air and power cable 6 mts 1/8" - Machine torch
		04331	Air and power cable 12 mts 1/8" - Machine torch
	W0300117	04260-EWS	Central connector torch side
	W0300118	04265-EWS	Central connector machine side
28	W0300142	60369	Extractor for swirl ring
29	W0300119	60368	Wrench for electrode
* SHIELDED TORCHES			: See page # 66
* CIRCLE CUTTING ATTACHMENT			: See page # 70

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TRAFIMET®
S 25 / S 25 K / S 30 / S 35 K / S 45



* PARTS NOT INTERCHANGEABLE WITH THE OEM

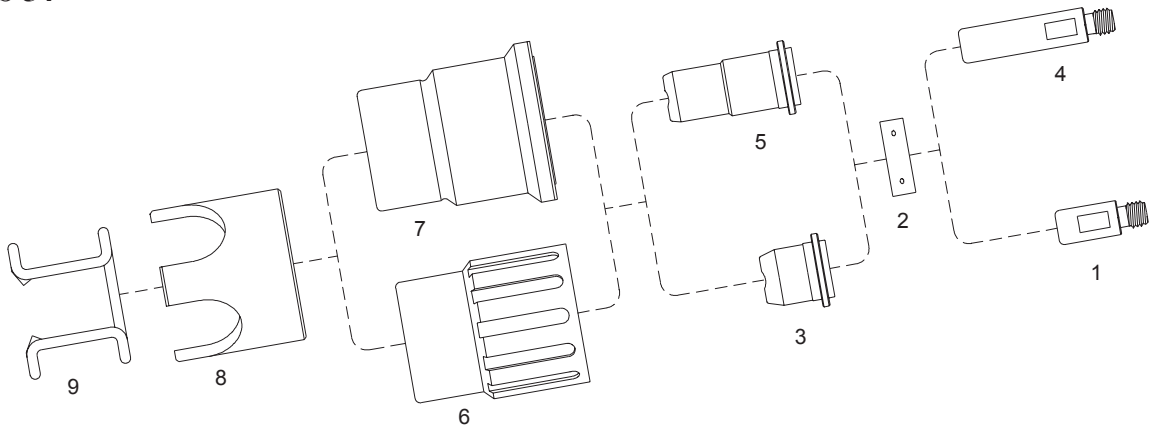
Item	Ref.	Code	Description
1	PA0370	09622	Hand torch PT-20C, complete with 4 mts. cable (size B)
	PA0375	09623	Hand torch PT-20C, complete with 4 mts. cable (size A)
	PA0376	09620	Hand torch PT-20C, complete with 4 mts. cable (size A)
	PA0167	09632	Hand torch PT-40, complete with 4 mts. cable (1/4G with separate voltage, size C)
	PA0165	09634	Hand torch PT-40, complete with 6 mts. cable (1/4G size D)
	PA0166	09635	Hand torch PT-40, complete with 6 mts. cable (central connector, 4 pins)
2	*	09600	Torch head PT-20C
	*	09602	Torch head PT-40
3	*	09605	Handle with Switch
4	BX0020	07301.20	Switch
5	PR 0105	52536	Electrode
6	PE 0106	60028	Swirl ring
7	PD 0102-09	51315.09	Tip ø 0.9
	PD 0102-10	51315	Tip ø 1.0
	PR 0110	52531	Electrode
8	PD 0116-06	51316.06	Tip 0.65
	PD 0116-08	51316	Tip 0.8
	PD 0116-09	51316.09	Tip 0.9
9	PR 0106	52532	Extended electrode
	PD 0103-65	51317.06	Extended tip 0.65
	PD 0103-09	51317.09	Extended tip 0.9
10	PD 0103-10	51317	Extended tip 1.0
	PC 116	60389	Nozzle retaining cap
	PC 122	60389K1	Nozzle retaining cap (1 hole)
	PC 117	60389K	Nozzle retaining cap (2 holes)
11		60389K4	Nozzle retaining cap (4 holes)
	12	60431	Double Pointed Spacer
	*	09682	Air and power cable PT-20C, 4 mts (size B)
	*	09680	Air and power cable PT-20C, 4 mts. cable (size A)
	*	09687	Air and power cable PT-40, 4 mts. cable (1/4G with separate voltage, size C)
12	*	09688	Air and power cable PT-40, 6 mts. cable (1/4G size D)
	*	09689	Air and power cable PT-40, 6 mts. cable (for central connector, 4 pins)

CIRCLECUTTING ATTACHMENT : See page # 71

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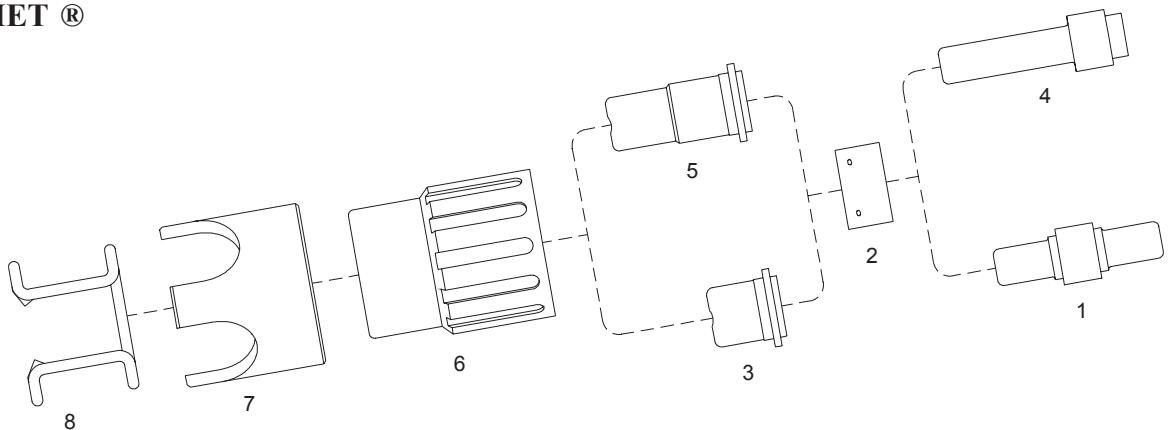
**TRAFIMET®
A 53 / S 54**



Item	Ref.	Code	Description
1	PR 105	52536	Electrode
2	PE 106	60028	Swirl ring
3	PD 102-10	51315	Tip \varnothing 1.0
4	PR 106	52532	Extended electrode
5	PD 103-09	51317.09	Extended tip \varnothing 0.9
	PD 103	51317	Extended tip \varnothing 1.0
6	PC 105	60377	Nozzle retaining cap for A53
7	PC 115	60384	Nozzle retaining cap for S54
8	CV 33	60378	Crown spacer
9	CV 28	51902	Spacer spring

* CIRCLECUTTING ATTACHMENT : See page # 71

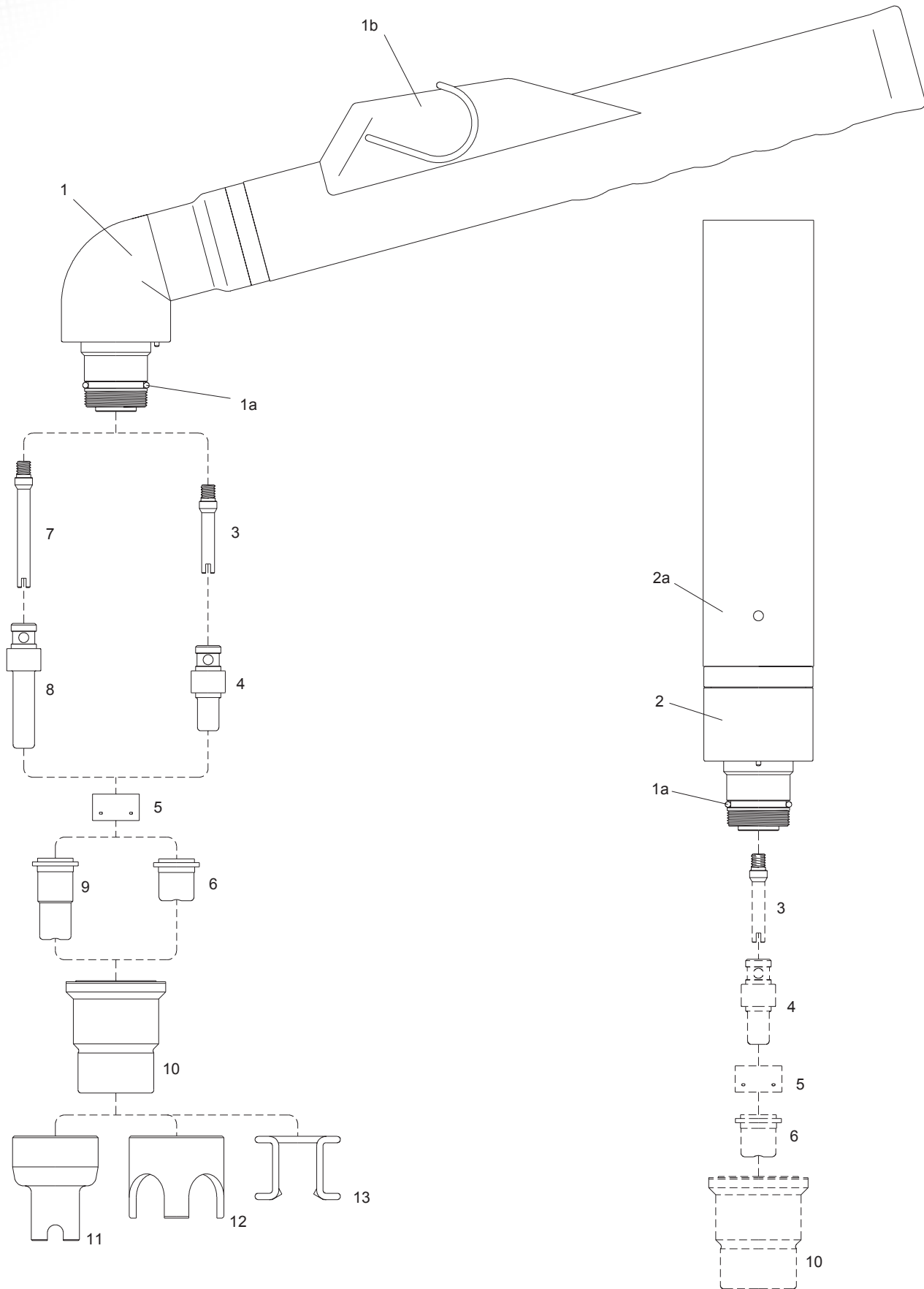
**TRAFIMET®
A 60**



Item	Ref.	Code	Description
1	PR 107	52537	Electrode
2	PE 107	60029	Swirl ring
3	PD 105-10	51170	Tip \varnothing 1.0
	PD 105-11	51172	Tip \varnothing 1.1
4	PR 108	52539	Extended electrode
5	PD 106-09	51171	Extended tip \varnothing 0.9
	PD 106-12	51173	Extended tip \varnothing 1.2
6	PC 105	60377	Nozzle retaining cap
7	CV 33	60378	Crown spacer
8	CV 28	51902	Spacer spring

* CIRCLECUTTING ATTACHMENT : See page # 71

TRAFIMET®
A 80 - P 80



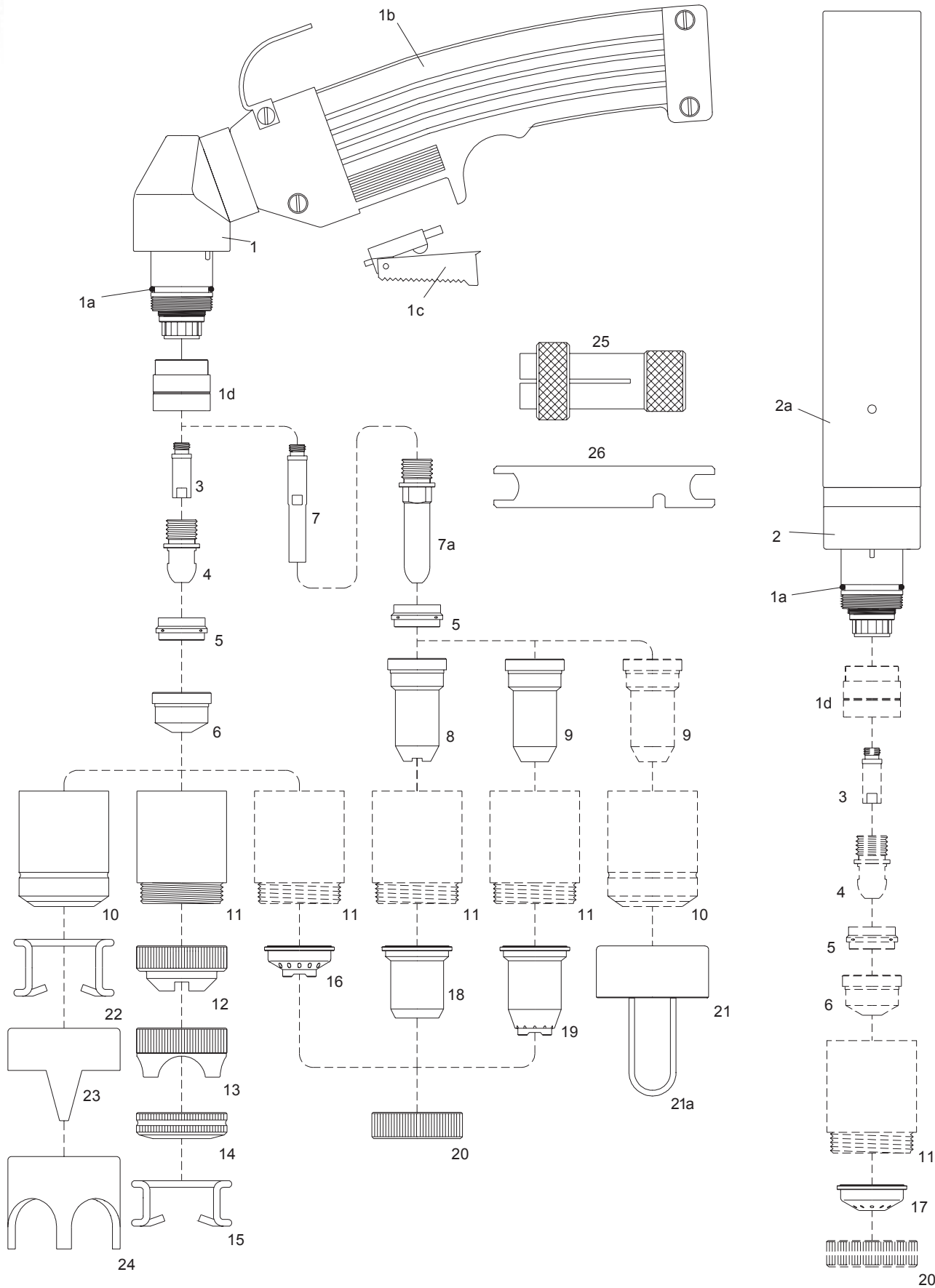
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TRAFIMET ® A 80 - P 80

Item	Ref.	Code	Description
	PA 170	06820	Hand torch complete with 6 mts. cable (3/8 G - 1/4 G)
	PA 1402	06821	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 180	06840	Machine torch complete with 6 mts. cable (3/8 G)
	PA 181	06841	Machine torch complete with 6 mts. cable (central connector, 4 pins)
1	PF 119	06800	Hand torch head
1a	EA 125	07300.60	O - Ring
1b		04280/C	Handgrip with microswitch
2	PF 120	06811	Machine torch head
2a	TP 61	06815	Machine handle
3	FH 0560	06801.42	Diffusor
4	PR 109	52580/S	Electrode - Maximum Life
5	PE 107	60029	Swirl ring
6	PD 105-10	51170	Tip ø 1.0
	PD 105-11	51172	Tip ø 1.1
	PD 105-12	51172.12	Tip ø 1.2
7	FH 0561	06801.43	Extended diffusor
8	PR 115	52581/S	Extended electrode - Maximum Life
9	PD 106-10	51171.10	Extended tip ø 1.0
	PD 106-12	51173	Extended tip ø 1.2
10	PC 115	60384	Nozzle retaining cap
11	CV 201	51976	Spacer for contact cutting.
12	CV 33	60378	Crown spacer
13	CV 28	51902	Spacer spring
14	PH 130/132	06880	Air and power cable 6 mts. (3/8G - 1/4G) - Hand/Machine torch
	PF 107	06800/KIT	Kit for replacing "A60" (items 1 + 1b + 3 + 5 + 6 + 10 + 13 + connections)

* CIRCLECUTTINGATTACHMENT : See page # 71

TRAFIMET®
A 90 - P 90



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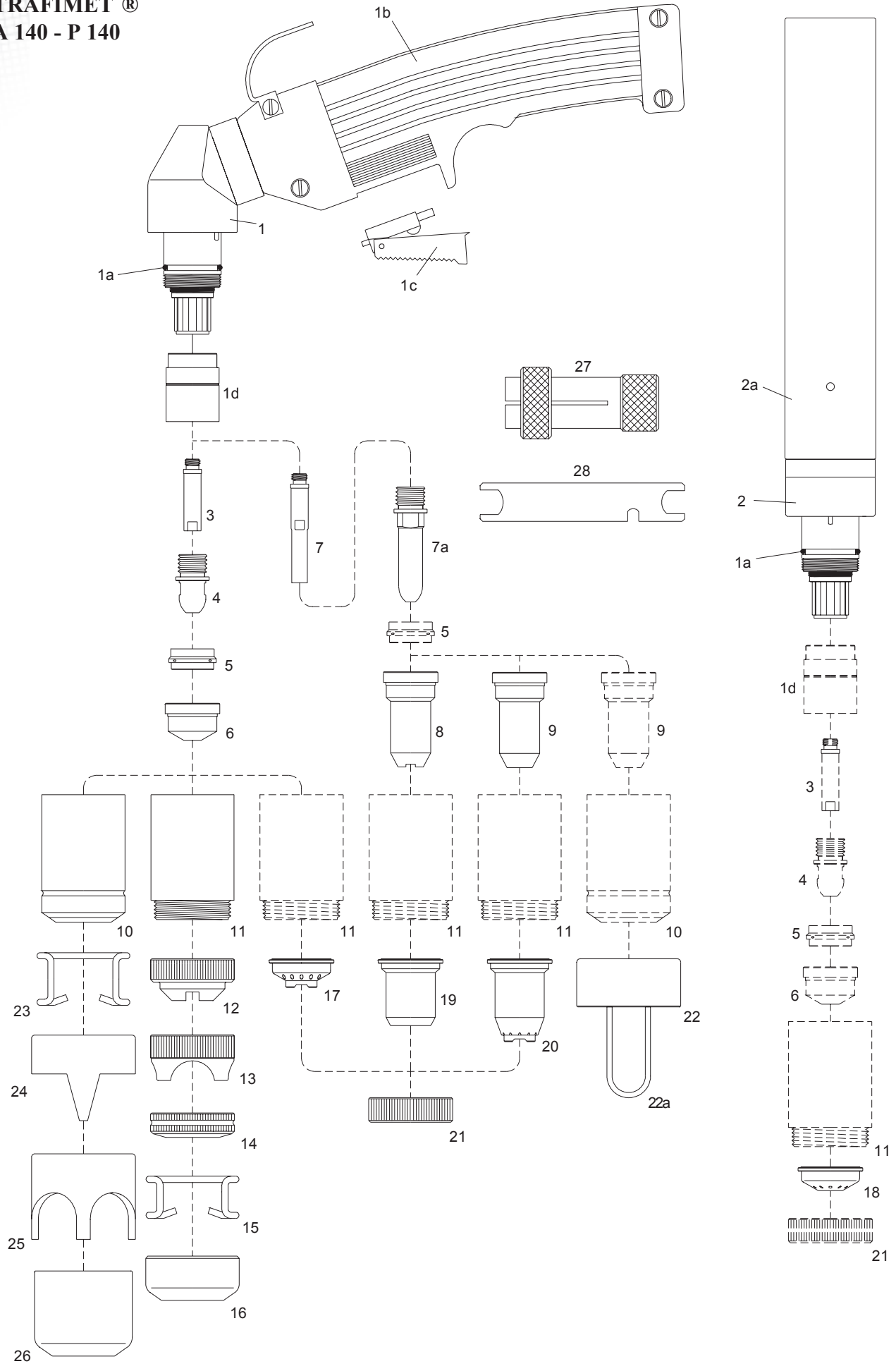
Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

TRAFIMET® - A 90 - P 90

Item	Ref.	Code	Description
	PA 109	06050	Hand torch complete with 6 mts. cable (M 14 x 1)
		06051	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 209	06150	Hand torch complete with 12 mts. cable (M 14 x 1)
		06151	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 110	06650	Machine torch complete with 6 mts. cable (M 14 x 1)
	PA 111	06651	Machine torch complete with 6 mts. cable (central connector, 4 pins)
		06750	Machine torch complete with 12 mts. cable (M 14 x 1)
		06751	Machine torch complete with 12 mts. cable (central connector, 4 pins)
	PF 109	06000	Hand torch head
1a	EA 131	06000.60	O - Ring
1b		07301	Handgrip complete with switch
1c		07301.20	Switch
1d		60085	Front insulator
2	PF 115	06600	Machine torch head
2a		03310	Machine handle
3		06004	Diffusor
4	PR 101	52535	Electrode
5	PE 101	60030	Swirl ring
6	PD 101 - 11	51154	Tip ø 1.1
	PD 101 - 14	51155	Tip ø 1.4
	PD 101 - 17	51156	Tip ø 1.7
7		06005	Extended Diffusor
7a		52538	Extended electrode
8		51159	Extended tip (max. 50A)
9		51159.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
		51159.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
10	PC 109/111	60376	Nozzle retaining cap, long life
11	PC 113/130	60386	Contact nozzle retaining cap
	PC 113/130	60386/V	Contact nozzle retaining cap, Max.life
12	CV 23	51940	Spacer for contact cutting
13	CV 39	51945	Large spacer for contact cutting
14		51952	Spring holder protection nut
15		51911	Spacer spring for code 51952
16		51950	Spacer for contact cutting, hand
17		51951	Shield cup, machine
18	CV 8	51957	Shield cup, hand (max. 50A)
19	CV 9	51958	Spacer for contact cutting, hand
20		51959	Locking nut
21		60380	Spacer complete with springs
21a		60381	Spare springs
22	CV 11	51910	Spacer spring
23	CV 12	60370	Double pointed spacer
24	CV 14	60371	Crown spacer
25	GR 60	60369	Extractor for swirl ring
26		60368	Wrench for electrode
		04224	Air and power cable 6 mts. (M 14 x 1) - Hand torch
		04234	Air and power cable 12 mts. (M 14 x 1) - Hand torch
		04222	Air and power cable 6 mts. (M 14 x 1) - Machine torch
		04232	Air and power cable 12 mts. (M 14 x 1) - Machine torch

* CIRCLECUTTING ATTACHMENT : See page # 70

TRAFIMET®
A 140 - P 140



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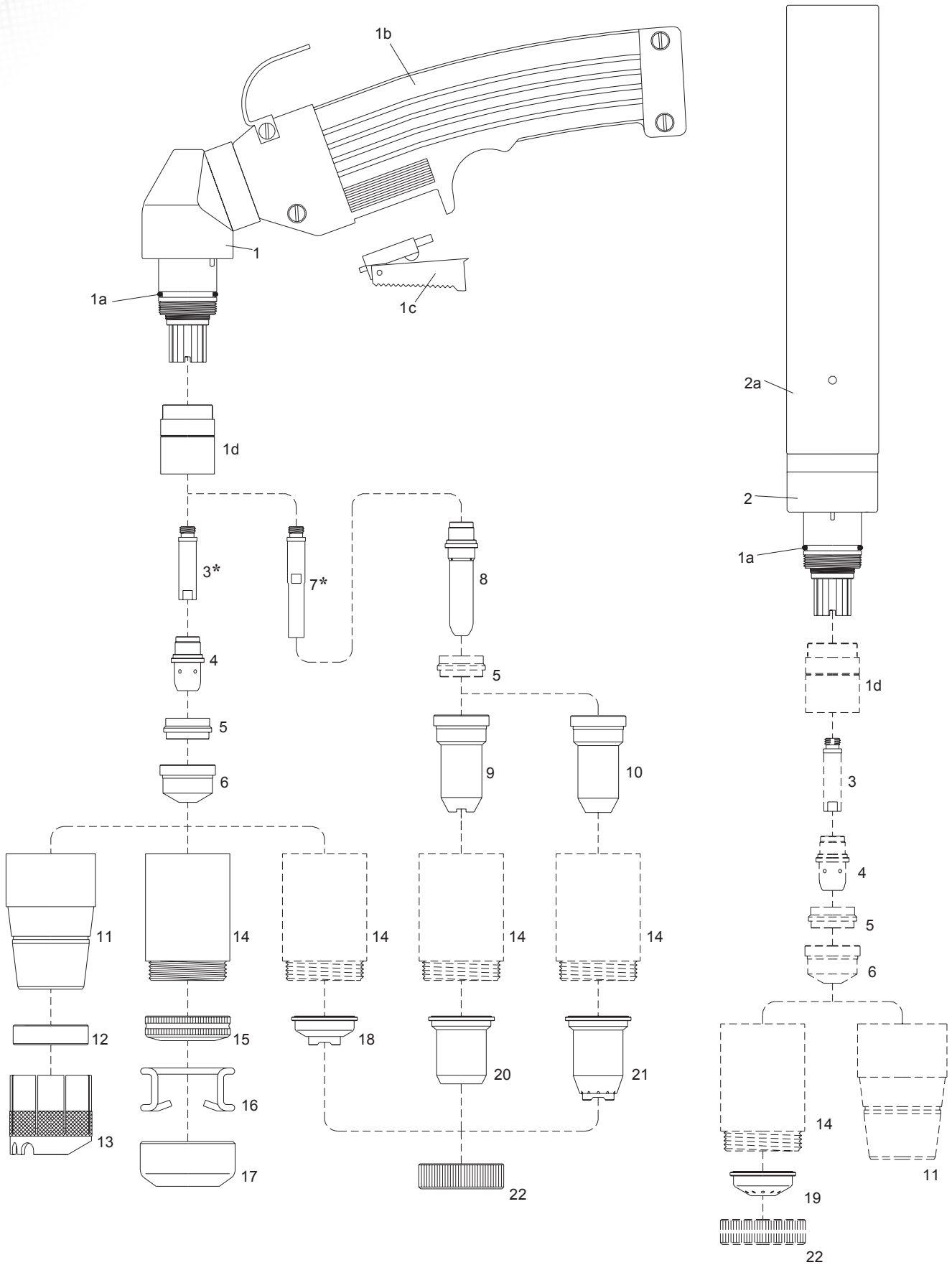
TRAFIMET® - A 140 - P 140

Item	Ref.	Code	Description
	PA 101	06250	Hand torch complete with 6 mts. cable (M 14 x 1)
		06251	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 102	06350	Hand torch complete with 12 mts. cable (M 14 x 1)
		06351	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 103	06450	Machine torch complete with 6 mts. cable (M 14 x 1)
	PA 145	06451	Machine torch complete with 6 mts. cable (central connector, 4 pins)
	PA 104	06550	Machine torch complete with 12 mts. cable (M 14 x 1)
	PA 146	06551	Machine torch complete with 12 mts. cable (central connector, 4 pins)
1	PF 101	06200	Hand torch head
1a	EA 131	06000.60	O - Ring
1b		07301	Handgrip complete with switch
1c		07301.20	Switch
1d		60080	Front insulator
2	PF 102	06400	Machine torch head
2a		03310	Machine handle
3		05004	Diffusor
4	PR 101	52535	Electrode
5	PE 101	60030	Swirl ring
6	PD 101 - 11	51154	Tip ø 1.1
	PD 101 - 14	51155	Tip ø 1.4
	PD 101 - 17	51156	Tip ø 1.7
	PD 101 - 19	51157	Tip ø 1.9
	PD 101 - 30	51158	Gauging tip ø 3.0
7		05005	Extended Diffusor
7a		52538	Extended electrode
8		51159	Extended tip (max. 50A)
9		51159.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
		51159.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
		51159.19	Extended tip ø 1.9 - (for 51958 + 51959 or 60380)
10	PC 101/102	60375	Nozzle retaining cap, long life
11	PC 103/131	60385	Contact nozzle retaining cap
	PC 103/131	60385/V	Contact nozzle retaining cap, Max.life
12	CV 23	51940	Spacer for contact cutting
13	CV 39	51945	Large spacer for contact cutting
14		51952	Spring holder protection nut
15		51911	Spacer spring for code 51952
16		51953	Gauging spacer
17		51950	Spacer for contact cutting, hand
18		51951	Shield cup, machine
19	CV 8	51957	Shield cup, hand (tip max. 50A)
20	CV 9	51958	Spacer for contact cutting, hand
21		51959	Locking nut
22		60380	Spacer complete with springs
22a		60381	Spare springs
23	CV 11	51910	Spacer spring
24	CV 12	60370	Double pointed spacer
25	CV 14	60371	Crown spacer
26	CV 13	60373	Gauging spacer
27	GR 60	60369	Extractor for swirl ring
28		60368	Wrench for electrode
		04220	Air and power cable 6 mts. (M 14 x 1) - Hand torch
		04230	Air and power cable 12 mts. (M 14 x 1) - Hand torch
		04222	Air and power cable 6 mts. (M 14 x 1) - Machine torch
		04232	Air and power cable 12 mts. (M 14 x 1) - Machine torch

* SHIELDED TORCHES : See page # 66

* CIRCLE CUTTING ATTACHMENT : See page # 70

TRAFIMET® - R 145 - R 145 P



* PARTS NOT INTERCHANGEABLE WITH THE OEM

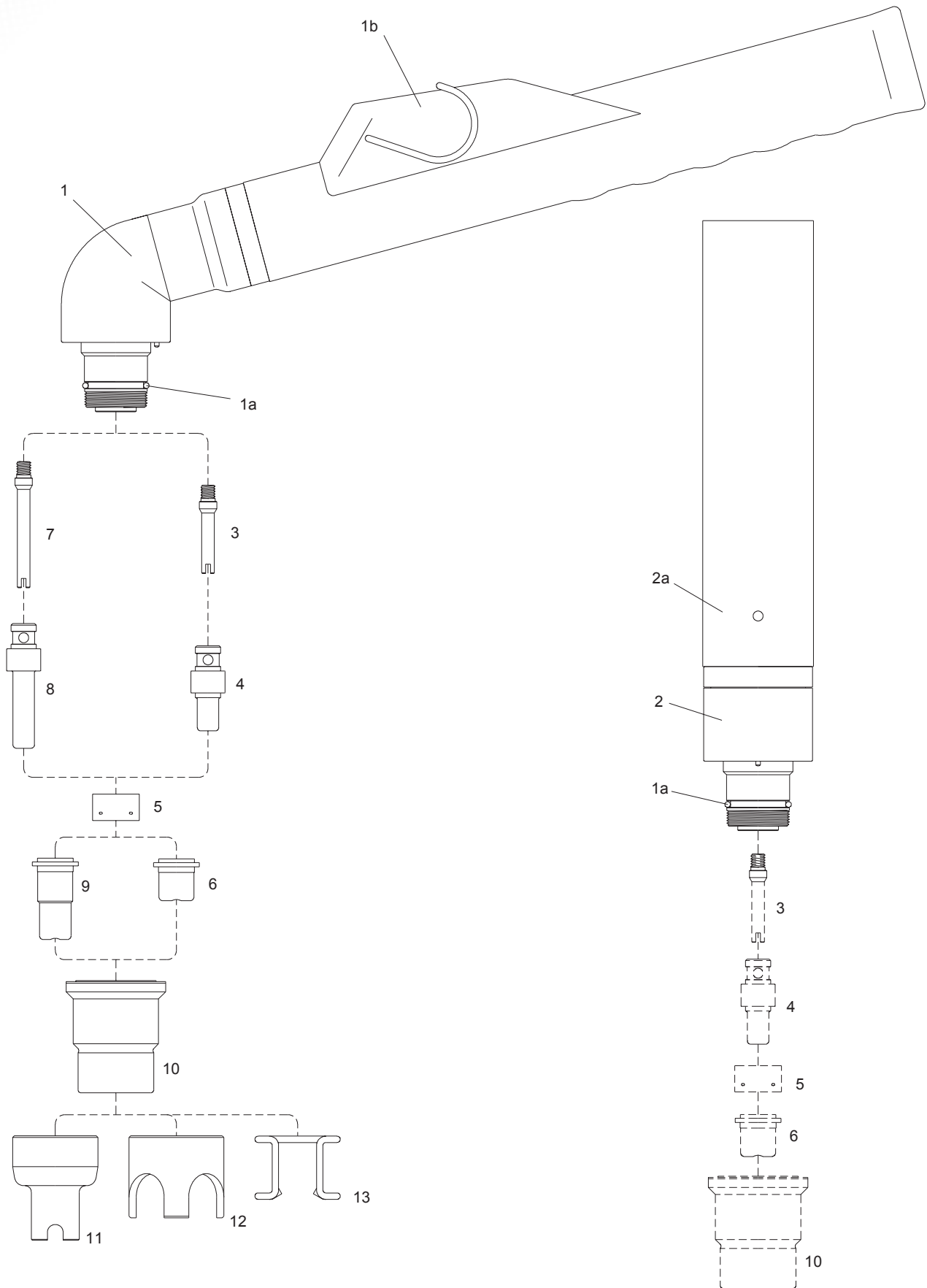
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TRAFIMET ® - R 145 - R 145 P

Item	Ref.	Code	Description
	PA 129	06920/S	Hand torch complete with 6 mts. cable (M 14 x 1)
		06921/S	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 130	06930/S	Hand torch complete with 12 mts. cable (M 14 x 1)
		06931/S	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 127	06940/S	Machine torch complete with 6 mts. cable (M 14 x 1)
	PA 252	06941/S	Machine torch complete with 6 mts. cable (central connector, 4 pins)
	PA 128	06950/S	Machine torch complete with 12 mts. cable (M 14 x 1)
	PA 253	06951/S	Machine torch complete with 12 mts. cable (central connector, 4 pins)
1	PF 112	06900	Hand torch head
1a	EA 131	06000.60	O - Ring
1b		07301	Handgrip complete with switch
1c		07301.20	Switch
1d		60080	Front insulator
2	PF 111	06910	Machine torch head
2a		03310	Machine handle
3	*	05004	Diffusor
4	PR 111	52534	Electrode
5	PE 103	60031	Insulating spacer
6	PD 109-14	51241	Tip ø 1.4
	PD 109-16	51242	Tip ø 1.6
	PD 109-18	51243	Tip ø 1.8
	PD 109-30	51244	Gouging tip ø 3.0
7	*	05005	Extended Diffusor
8	PR 116	52530	Extended electrode
9	PD 111	51149	Extended tip ø 1.2 (max 50A)
10	PD 117-14	51149.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
	PD 117-17	51149.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
	PD 117-19	51149.19	Extended tip ø 1.9 - (for 51958 + 51959 or 60380)
11	PC 120	60387	Nozzle retaining cap
12	BW 139	60388	Nozzle shield
13	CV 1105	60379	Cage spacer
14	PC 103/131	60385	Contact nozzle retaining cap
	PC 103/131	60385/V	Contact nozzle retaining cap, Max.life
15		51952	Spring holder protection nut
16		51911	Spacer spring for code 51952
17		51953	Gauging spacer
18		51950	Spacer for contact cutting, hand
19		51951	Shield cup, machine
20	CV 8	51957	Shield cup, hand (tip max. 50A)
21	CV 9	51958	Spacer for contact cutting, hand
22		51959	Locking nut
		04220/S	Air and power cable 6 mts. (M 14 x 1) - Hand torch
		04230/S	Air and power cable 12 mts. (M 14 x 1) - Hand torch
		04222/S	Air and power cable 6 mts. (M 14 x 1) - Machine torch
		04232/S	Air and power cable 12 mts. (M 14 x 1) - Machine torch

* CIRCLE CUTTING ATTACHMENT : See page # 70

**TRAFIMET®
ERGO CUT A81 - AUTOCUT P81**



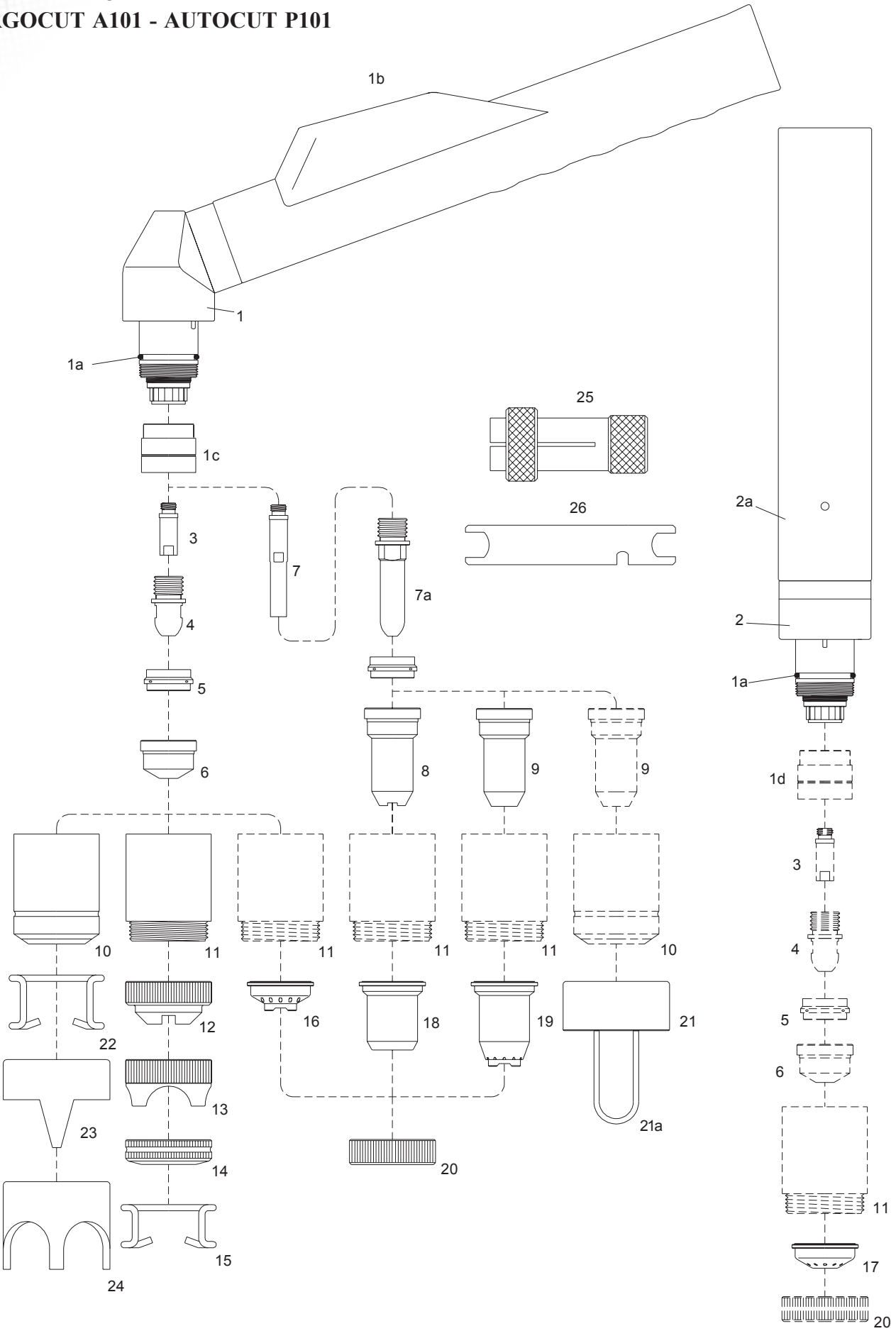
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TRAFIMET ® - ERGOCUT A81 - AUTOCUT P81

Item	Ref.	Code	Description
	PA 1400/1404	06820	Hand torch complete with 6 mts. cable (3/8 G - 1/4G)
	PA 1402	06821	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 0180	06840	Machine torch complete with 6 mts. cable (3/8 G)
	PA 0181	06841	Machine torch complete with 6 mts. cable (central connector, 4 pins)
1	PF 0140	06801/KIT	Hand torch head with handle
1a	EA 0125	07300.60	O - Ring
1b		04280/C	Handgrip with microswitch
2	PF 0120	06811	Machine torch head
2a	TP 0061	06815	Machine handle
3	FH 0560	06801.42	Diffusor
4	PR 0109	52580/S	Electrode - Maximum Life
5	PE 0107	60029	Swirl ring
6	PD 0105-10	51170	Tip 1.0
	PD 0105-11	51172	Tip 1.1
	PD 0105-12	51172.12	Tip 1.2
7	FH 0561	06801.43	Extended diffusor
8	PR 0115	52581/S	Extended electrode - Maximum Life
9	PD 0106-10	51171.10	Extended tip 1.0
	PD 0106-12	51173	Extended tip 1.2
10	PC 0115	60384	Nozzle retaining cap
11	CV 0201	51976	Spacer for contact cutting
12	CV 0033	60378	Crown spacer
13	CV 0028	51902	Spacer spring
	PH 0130/0132	06880	Air and power cable 6 mts. (3/8G - 1/4G) - Hand/Machine torch

* CIRCLECUTTING ATTACHMENT : See page # 71

**TRAFIMET®
ERGO-CUT A101 - AUTOCUT P101**



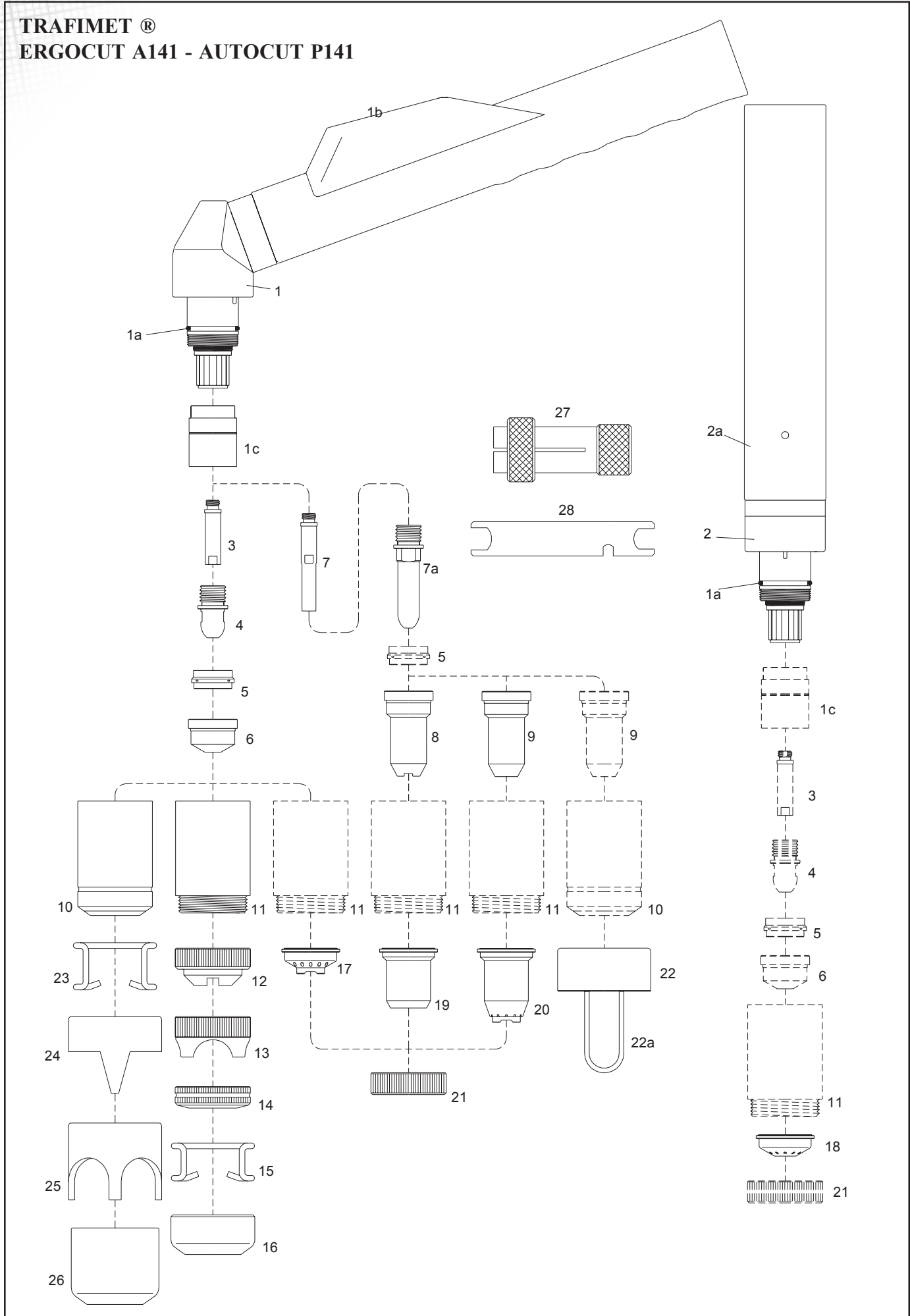
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TRAFIMET ® - ERGOCUT A101 - AUTOCUT P101

Item	Ref.	Code	Description
	PA 1450/1454	06050/C	Hand torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 1452	06051/C	Hand torch complete with 6 mts. cable (central connector, 4 pins)
		06150/C	Hand torch complete with 12 mts. cable (M14x1 - 1/4G)
		06151/C	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 0110	06650	Machine torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 0111	06651	Machine torch complete with 6 mts. cable (central connector, 4 pins)
		06750	Machine torch complete with 12 mts. cable (M14x1 - 1/4G)
		06751	Machine torch complete with 12 mts. cable (central connector, 4 pins)
1	PF 0145	06000/KIT	Hand torch head with handle
1a	EA 131	06000.60	O - Ring
1b		04280/C	Handgrip with microswitch
1c		60085	Front insulator
2	PF 0115	06600	Machine torch head
2a		03310	Machine handle
3		06004	Diffusor
4	PR 0101	52535	Electrode
5	PE 0101	60030	Swirl ring
6	PD 0101-11	51154	Tip ø 1.1
	PD 0101-14	51155	Tip ø 1.4
	PD 0101-17	51156	Tip ø 1.7
7		06005	Extended Diffusor
7a		52538	Extended electrode
8		51159	Extended tip (max. 50A)
9		51159.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
		51159.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
10	PC 0109/0111	60376	Nozzle retaining cap, long life
11	PC 0113/0130	60386	Contact nozzle retaining cap
	PC 0113/0130	60386/V	Contact nozzle retaining cap, Max.life
12	CV 0023	51940	Spacer for contact cutting
13	CV 0039	51945	Large spacer for contact cutting
14		51952	Spring holder protection nut
15		51911	Spacer spring for code 51952
16		51950	Spacer for contact cutting, hand
17		51951	Shield cup, machine
18	CV 0008	51957	Shield cup, hand (max. 50A) (for use with item. 21 only)
19	CV 0009	51958	Spacer for contact cutting, hand (for use with item. 21 only)
20		51959	Locking nut
21		60380	Spacer complete with springs
21a		60381	Spare springs
22	CV 0011	51910	Spacer spring
23	CV 0012	60370	Double pointed spacer
24	CV 0014	60371	Crown spacer
25	GR 60	60369	Extractor for swirl ring
26		60368	Wrench for electrode
		04224	Air and power cable 6 mts. (M14x1 - 1/4G) - Hand torch
		04234	Air and power cable 12 mts. (M14x1 - 1/4G) - Hand torch
		04222	Air and power cable 6 mts. (M14x1 - 1/4G) - Machine torch
		04232	Air and power cable 12 mts. (M14x1 - 1/4G) - Machine torch

* CIRCLE CUTTING ATTACHMENT : See page # 70

**TRAFIMET®
ERGO CUT A141 - AUTOCUT P141**



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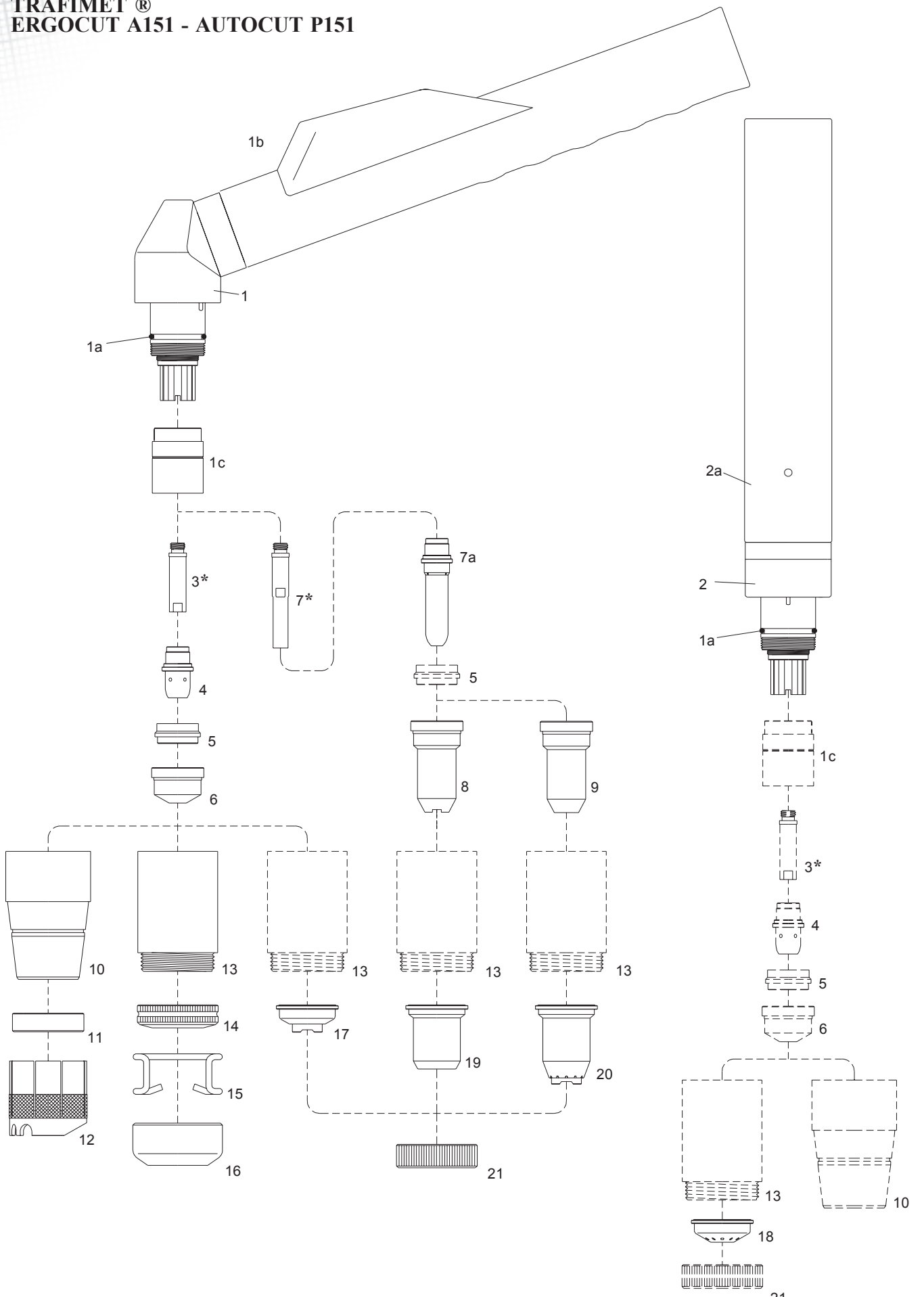
Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

TRAFIMET® - ERGOCUT A141 - AUTOCUT P141

Item	Ref.	Code	Description
	PA 1500/1502	06250/C	Hand torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 1504	06251/C	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 1501	06350/C	Hand torch complete with 12 mts. cable (M14x1 - 1/4G)
	PA 1505	06351/C	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 0103	06450	Machine torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 0145	06451	Machine torch complete with 6 mts. cable (central connector, 4 pins)
	PA 0104	06550	Machine torch complete with 12 mts. cable (M14x1 - 1/4G)
	PA 0146	06551	Machine torch complete with 12 mts. cable (central connector, 4 pins)
1	PF 0155	06200/KIT	Hand torch head with handle
1a	EA 0131	06000.60	O - Ring
1b		04280/C	Handgrip with microswitch
1c		60080	Front insulator
2	PF 0102	06400	Machine torch head
2a		03310	Machine handle
3		05004	Diffusor
4	PR 0101	52535	Electrode
5	PE 0101	60030	Swirl ring
6	PD 0101-11	51154	Tip ø 1.1
	PD 0101-14	51155	Tip ø 1.4
	PD 0101-17	51156	Tip ø 1.7
	PD 0101-19	51157	Tip ø 1.9
	PD 0101-30	51158	Gauging tip ø 3.0
7		05005	Extended Diffusor
7a		52538	Extended electrode
8		51159	Extended tip (max. 50A)
9		51159.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
		51159.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
		51159.19	Extended tip ø 1.9 - (for 51958 + 51959 or 60380)
10	PC 0101/0102	60375	Nozzle retaining cap, long life
11	PC 0103/0131	60385	Contact nozzle retaining cap
	PC 0103/0131	60385/V	Contact nozzle retaining cap, Max.life
12	CV 0023	51940	Spacer for contact cutting
13	CV 0039	51945	Large spacer for contact cutting
14		51952	Spring holder protection nut
15		51911	Spacer spring for code 51952
16		51953	Gauging spacer
17		51950	Spacer for contact cutting, hand
18		51951	Shield cup, machine
19	CV 0008	51957	Shield cup, hand (tip max. 50A) (for use with item. 21 only)
20	CV 0009	51958	Spacer for contact cutting, hand (for use with item. 21 only)
21		51959	Locking nut
22		60380	Spacer complete with springs
22a		60381	Spare springs
23	CV 0011	51910	Spacer spring
24	CV 0012	60370	Double pointed spacer
25	CV 0014	60371	Crown spacer
26	CV 0013	60373	Gauging spacer
27	GR 60	60369	Extractor for swirl ring
28		60368	Wrench for electrode
		04220	Air and power cable 6 mts. (M14x1 - 1/4G) - Hand torch
		04230	Air and power cable 12 mts. (M14x1 - 1/4G) - Hand torch
		04222	Air and power cable 6 mts. (M14x1 - 1/4G) - Machine torch
		04232	Air and power cable 12 mts. (M14x1 - 1/4G) - Machine torch

* CIRCLECUTTING ATTACHMENT : See page # 70

**TRAFIMET®
ERGO-CUT A151 - AUTOCUT P151**



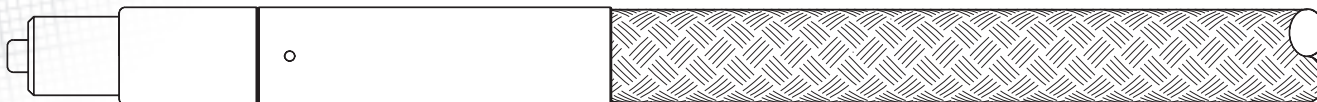
* PARTS NOT INTERCHANGEABLE WITH THE OEM

BORTE is in no way affiliated with above Original Brand. The parts advertised for sale are not genuine original parts, but are parts made for and by BORTE. Reference to the original machine, torches and numbers are for your convenience only. We reserve the right to substitute genuine parts in place of BORTE's parts.

TRAFIMET ® - ERGOCUT A151 - AUTOCUT P151

Item	Ref.	Code	Description
	PA 1550/1552	06920/CS	Hand torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 1554	06921/CS	Hand torch complete with 6 mts. cable (central connector, 4 pins)
	PA 1551	06930/CS	Hand torch complete with 12 mts. cable (M14x1 - 1/4G)
	PA 1555	06931/CS	Hand torch complete with 12 mts. cable (central connector, 4 pins)
	PA 0127	06940/S	Machine torch complete with 6 mts. cable (M14x1 - 1/4G)
	PA 0252	06941/S	Machine torch complete with 6 mts. cable (central connector, 4 pins)
	PA 0128	06950/S	Machine torch complete with 12 mts. cable (M14x1 - 1/4G)
	PA 0253	06951/S	Machine torch complete with 12 mts. cable (central connector, 4 pins)
1	PF 0160	06900/KIT	Hand torch head with handle
1a	EA 0131	06000.60	O - Ring
1b		04280/C	Handgrip with microswitch
1c		60080	Front insulator
2	PF 0111	06910	Machine torch head
2a		03310	Machine handle
3	*	05004	Diffusor
4	PR 0111	52534	Electrode
5	PE 0103	60031	Insulating spacer
6	PD 0109-14	51241	Tip ø 1.4
	PD 0109-16	51242	Tip ø 1.6
	PD 0109-18	51243	Tip ø 1.8
	PD 0109-30	51244	Gouging tip ø 3.0
7	*	05005	Extended Diffusor
7a	PR 0116	52530	Extended electrode
8	PD 0111	51149	Extended tip ø 1.2 (max 50A)
9	PD 0117-14	51149.14	Extended tip ø 1.4 - (for 51958 + 51959 or 60380)
	PD 0117-17	51149.17	Extended tip ø 1.7 - (for 51958 + 51959 or 60380)
	PD 0117-19	51149.19	Extended tip ø 1.9 - (for 51958 + 51959 or 60380)
10	PC 0120	60387	Nozzle retaining cap
11	BW 0139	60388	Nozzle shield
12	CV 1105	60379	Cage spacer
13	PC 0103/0131	60385	Contact nozzle retaining cap
	PC 0103/0131	60385/V	Contact nozzle retaining cap, Max.life
14		51952	Spring holder protection nut
15		51911	Spacer spring for code 51952
16		51953	Gauging spacer
17		51950	Spacer for contact cutting, hand
18		51951	Shield cup, machine
19	CV 0008	51957	Shield cup, hand (tip max. 50A) (for use with item. 21 only)
20	CV 0009	51958	Spacer for contact cutting, hand (for use with item. 21 only)
21		51959	Locking nut
		04220/S	Air and power cable 6 mts. (M14x1 - 1/4G) - Hand torch
		04230/S	Air and power cable 12 mts. (M14x1 - 1/4G) - Hand torch
		04222/S	Air and power cable 6 mts. (M14x1 - 1/4G) - Machine torch
		04232/S	Air and power cable 12 mts. (M14x1 - 1/4G) - Machine torch

* CIRCLE CUTTING ATTACHMENT : See page # 70



✓ Maschinenbrenner mit Metallgewebeüberzugsschlauch

✓ Torches machine avec cable blindé

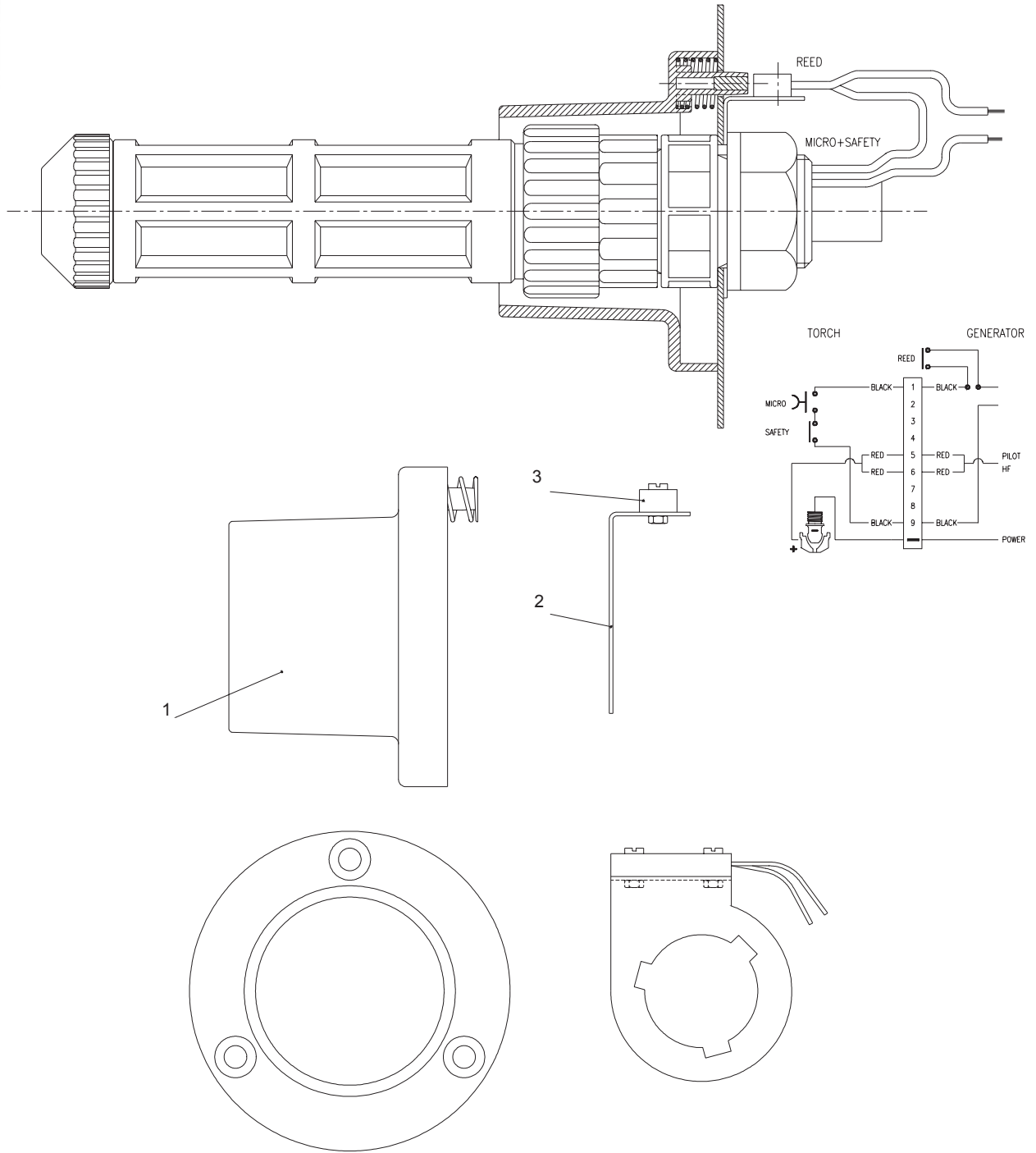
✓ Antorchas automáticas con cable apantallado

✓ Torce automatica con cavo schermato

Code	Description
	Suitable for HYPERTHERM® - MAX 40®
08550	Machine torch with 25' shielded cable Ref. 057053
08553	Machine torch with 50' shielded cable Ref. 057054
08556	Air and power shielded cable 25'
08559	Air and power shielded cable 50'
	Suitable for HYPERTHERM® - MAX 80/100®
08570	Machine torch with 25' shielded cable Ref. 059008
08573	Machine torch with 50' shielded cable Ref. 059009
08576	Air and power shielded cable 25'
08579	Air and power shielded cable 50'
	Suitable for EWS® EX 100 / EX 100 M / EX 100 M-3V
08650	Machine torch with 6m shielded cable (1/8" connection)
08653	Machine torch with 6m shielded cable (central connector)
08656	Machine torch with 12m shielded cable (1/8" connection)
08659	Machine torch with 12m shielded cable (central connector)
08662	Air and power shielded cable 6m 1/8"
08665	Air and power shielded cable 12m 1/8"
	Suitable for EWS® EX 100 RF
08734	Machine torch with 6m shielded cable (central connector, 5pins)
08740	Machine torch with 12m shielded cable (central connector, 5pins)
08746	Air and power shielded cable 6m 1/8" (central connector, 5pins)
08752	Air and power shielded cable 12m 1/8" (central connector, 5pins)
	Suitable for CEBORA® P 150
08675	Machine torch with 6m shielded cable (1/8" connection)
08678	Machine torch with 6m shielded cable (central connector)
08681	Machine torch with 12m shielded cable (1/8" connection)
08684	Machine torch with 12m shielded cable (central connector)
08662	Air and power shielded cable 6m 1/8"
08665	Air and power shielded cable 12m 1/8"
	Suitable for TRAFIMET® - P140
08710	Machine torch with 6m shielded cable (M14 x 1 connection)
08713	Machine torch with 6m shielded cable (central connector, 4 pins)
08716	Machine torch with 12m shielded cable (M14 x 1 connection)
08719	Machine torch with 12m shielded cable (central connector, 4 pins)
08721	Air and power shielded cable 6m M14 x 1
08724	Air and power shielded cable 12m M14 x 1

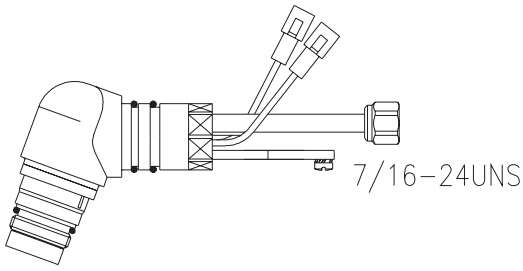
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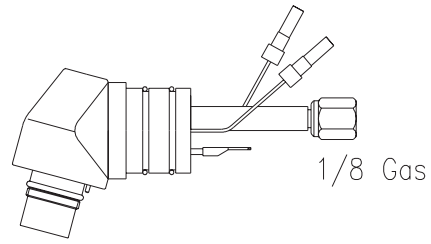


Item	Code	Description
	04268	European Standard safety KIT. - Casing complete with magnet and spring - Anchor bracket for relays - Reed relays - n° 3 screws M5 - n° 3 threaded rivets M5 - n° 2 sets of screws and nuts M3 for relays fixing
1	04268.30	Casing complete with magnet and spring
2	04268.43	Anchor bracket for relays
3	04268.44	Reed relays

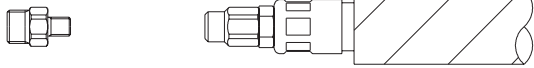
Torch head whith 7/16-24 Fitting



Torch head whith 1/8 G as Fitting



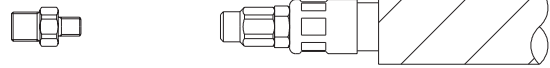
1/4-28UNF



04293.40

THERMAL DYNAMICS ®
PCH-35/40

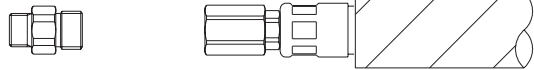
1/4-28UNF



04292.40

THERMAL DYNAMICS ®
PCH-35/40

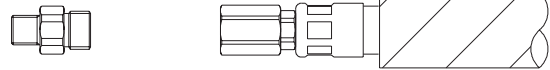
1/2-24UNS



04293.41

THERMAL DYNAMICS ®
PCH-51

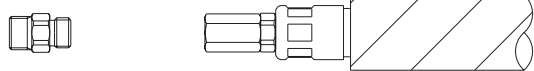
1/2-24UNS



04292.41

THERMAL DYNAMICS ®
PCH-51

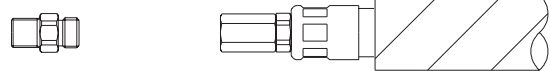
M10x1



04293.42

TRAFIMET ® 90

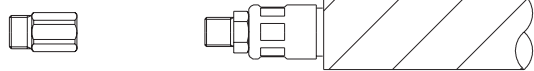
M10x1



04292.42

TRAFIMET ® 90

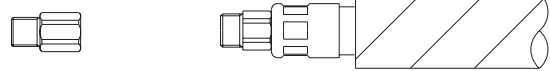
1/8 Gas



04293.43

CEBORA ® 50/70/90
TRAFIMET ® 60/80

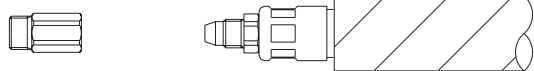
7/16-24UNS



04292.43

THERMAL DYNAMICS ®
PCH-60/75/76/80/100XL/102

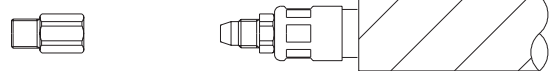
3/8-24UNF



04293.44

CEBORA ® 150
TRAFIMET ® 140/145
W.T.C. ® - BINZEL ® 30/31

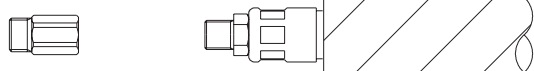
3/8-24UNF



04292.44

CEBORA ® 150
TRAFIMET ® 140/145
W.T.C. ® - BINZEL ® 30/31

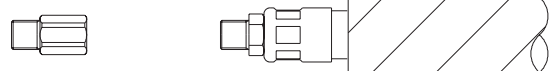
M8



04293.45

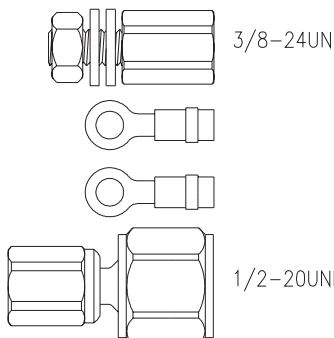
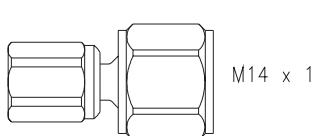
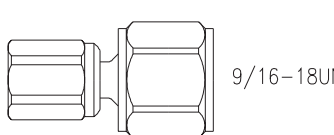
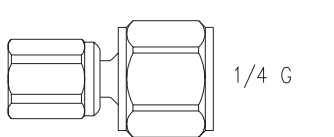
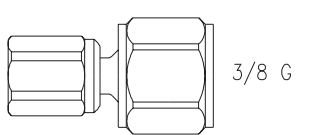
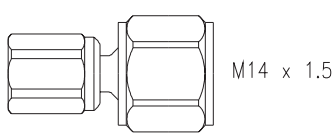
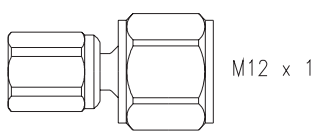
SAF ® 150

M8

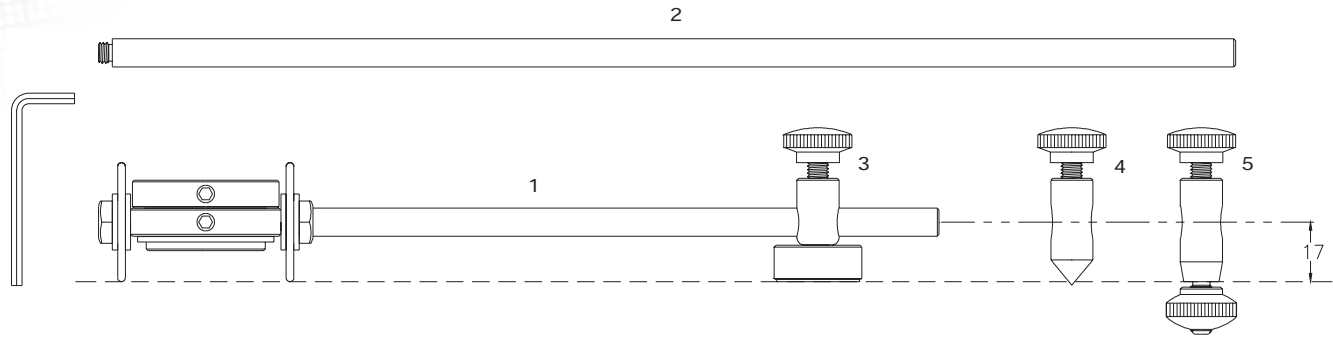


04292.45

SAF ® 150

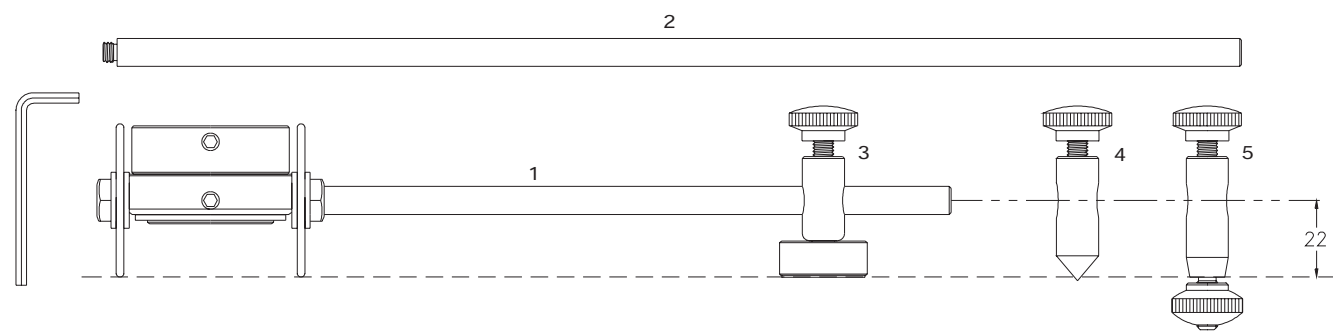
	Code	Description
 <p>3/8-24UNF</p> <p>1/8 Gas</p> <p>1/2-20UNF</p>	04276	To replace : HYPERTHERM ® - MAX 40 - 80/100 ESAB ® - LPC 50 - LPC 100
 <p>1/8 Gas</p> <p>M14 x 1</p>	04272	To replace : TRAFIMET ® 90 - 140 - R 145 SF - CP 40R - CP 100R W.T.C. ® - 20 - 120 & 100 - 150
 <p>1/8 Gas</p> <p>9/16-18UNF</p>	04275	To replace : THERMAL DYNAMICS ® TELWIN ® CEM®
 <p>1/8 Gas</p> <p>1/4 G</p>	04270	To replace : BINZEL ® - PSB 31 - PSB 31 KK - 60 - 80 T.+ B. AUTOGEN RITTER ® - PHB 120
 <p>1/8 Gas</p> <p>3/8 G</p>	04271	To replace : TRAFIMET ® - A 53 - S 54 - A 60 BINZEL ® - PSB 30
 <p>1/8 Gas</p> <p>M14 x 1.5</p>	04273	To replace : HELVI ®
 <p>1/8 Gas</p> <p>M12 x 1</p>	04274	To replace : TIG

CEBORA® - PROF 35 / 50 / 70 / CP90
EWS® - EX 40 - 2V / EX 60 / EX 100 RF
OTC® D12000

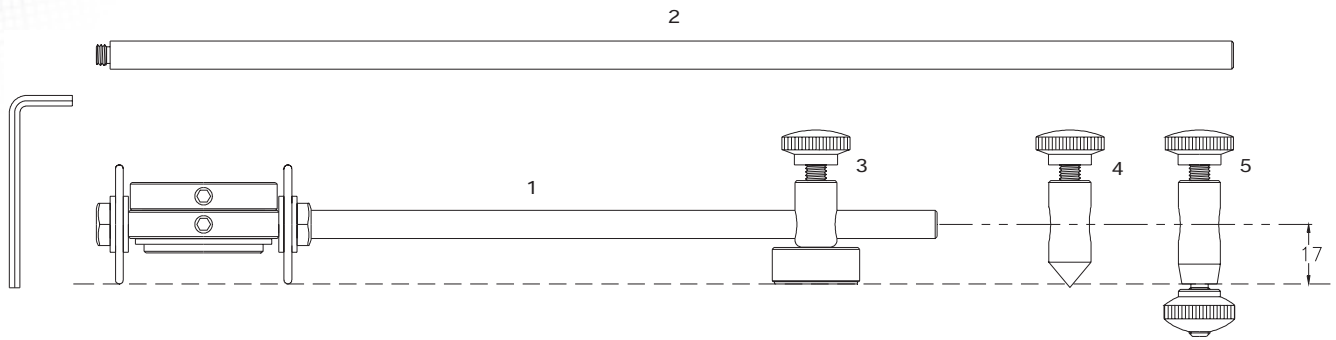


Item	Ref.	Code	Description
	166	51850	Circle cutting attachment P 50
	154	51806	Cutting guide P 50
	166-70	51849	Circle cutting attachment P 70 - EX 60
	154-70	51801	Cutting guide P 70 - EX 60
	163	51848	Circle cutting attachment CP-90
	153	51818	Cutting guide CP-90
		51860	Circle cutting attachment EX 100 RF / D12000
		51816	Cutting guide EX 100 RF / D12000
1		51820	Radius bar mm. 250
2		51821	Radius bar mm. 400
3		51826	Magnetic base assembly
4		51827	Free centering straight pin
5		51828	Straight locking pin

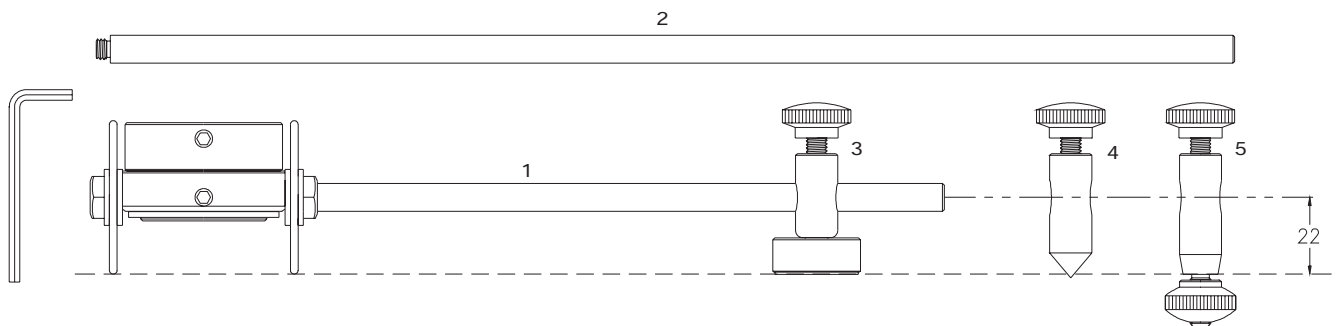
CEBORA® - PROF 90 / 120 / 150 / CP160
TRAFIMET® - A 90 / 140 / 145 ERGOCUT A 101 / 141 / 151
EWS® - EX 100 / EX 100 M / EX 100 M-3V



Item	Ref.	Code	Description
	169	51851	Circle cutting attachment
	155	51807	Cutting guide
1		51820	Radius bar mm. 250
2		51821	Radius bar mm. 400
3		51831	Magnetic base assembly
4		51832	Free centering straight pin
5		51833	Straight locking pin

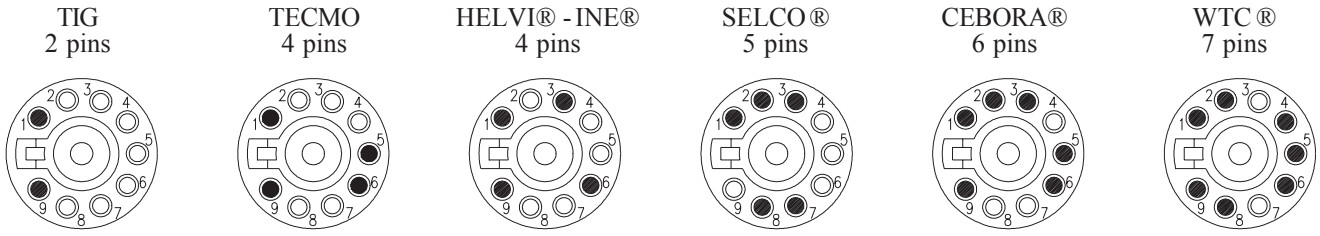
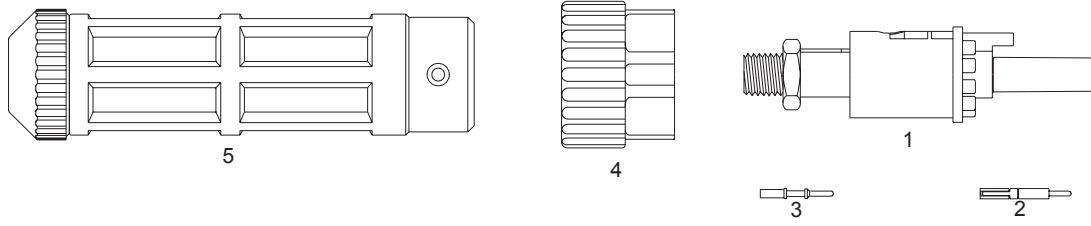


Item	Code	Description
	51853	Circle cutting attachment for Hypertherm® MAX 40/42/43CS®
	51809	Cutting guide for Hypertherm® MAX 40/42/43CS®
	51865	Circle cutting attachment for Hypertherm® Pmax 600/800/900/1000/1650® and MILLER® ICE-50C/55C
	51804	Cutting guide for Hypertherm® Pmax 600/800/900/1000/1650® and MILLER® ICE-50C/55C
	51854	Circle cutting attachment for BINZEL® PSB 30
	51810	Cutting guide for BINZEL® PSB 30
	51856	Circle cutting attachment for BINZEL® PSB 60/80/121
	51812	Cutting guide for BINZEL® PSB 60/80/121
	51855	Circle cutting attachment for BINZEL® PSB 31 - PSB 31 KK
	51811	Cutting guide for BINZEL® PSB 31 - PSB 31 KK
	51858	Circle cutting attachment for SAF® CP40R/CP100R
	51814	Cutting guide for SAF® CP40R/CP100R
	51861	Circle cutting attachment for TRAFIMET® A53/S54/A60/A80/A81
	51817	Cutting guide for TRAFIMET® A53/S54/A60/A80/A81
	51866	Circle cutting attachment for TRAFIMET® S 25/S 25 K/S 30/S 35 K/S 45
	51823	Cutting guide for TRAFIMET® S 25/S 25 K/S 30/S 35 K/S 45
1	51820	Radius bar mm. 250
2	51821	Radius bar mm. 400
3	51826	Magnetic base assembly
4	51827	Free centering straight pin
5	51828	Straight locking pin



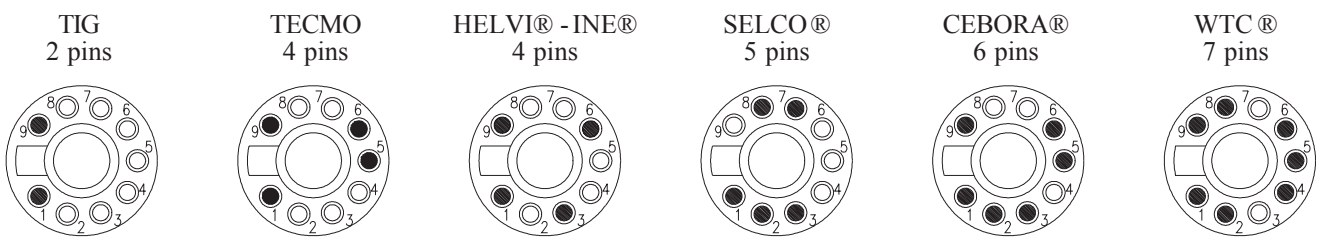
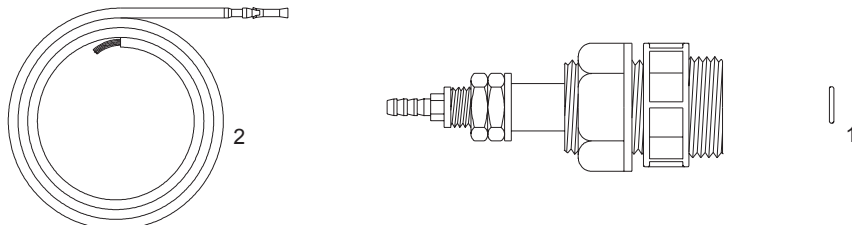
Item	Code	Description
	51852	Circle cutting attachment for Hypertherm® MAX 80/100® and MILLER® ICE-70/100
	51808	Cutting guide for Hypertherm® MAX 80/100® and MILLER® ICE-70/100
1	51820	Radius bar mm. 250
2	51821	Radius bar mm. 400
3	51831	Magnetic base assembly
4	51832	Free centering straight pin
5	51833	Straight locking pin

TORCH SIDE



Item	Code	Description
	04260-TIG	Central adaptor complete 2 pins TIG
	04260	Central adaptor complete 4 pins TEC.MO
	04260-TRA	Central adaptor complete 4 pins HELVI® - INE®
	04260-SEL	Central adaptor complete 5 pins SELCO ®
	04260-CEB	Central adaptor complete 6 pins CEBORA ® (Ref. 3.080.156)
	04260-WTC	Central adaptor complete 7 pins WTC ®
	04260.00	Central adaptor complete without pins
1	04260.10	Adaptor body without pins
2	04260.22	Male/female pin connector, package of 20 pieces
3	04260.23	Contact pin, package of 20 pieces
4	04260.20	Adaptor nut
5	04260.21	Adaptor support

MACHINE SIDE



Item	Code	Description
	04265-TIG	Central adaptor complete 2 pins TIG
	04265	Central adaptor complete 4 pins TEC.MO
	04265-TRA	Central adaptor complete 4 pins HELVI® - INE®
	04265-SEL	Central adaptor complete 5 pins SELCO ®
	04265-CEB	Central adaptor complete 6 pins CEBORA® (Ref. 3.080.155)
	04265-WTC	Central adaptor complete 7 pins WTC ®
	04265.00	Central adaptor complete without pins
1	04265.20	O - Ring, package of 20 pieces
2	04265.21	Contact pin with black lead 1 mmq x 500 mm, package of 10 pcs
	04265.22	Contact pin with red lead 1 mmq x 500 mm, package of 10 pcs
	04265.23	Contact pin with blue lead 1 mmq x 500 mm, package of 10 pcs