

SOLDERING TIPS Part Number Cross Reference

A.P.E.*	Plato*	Pg.
1212-0125	22-1627	34
1212-0016	22-2931	34
1212-0001	22-4927	34

American Beauty*

Plato*	Pg.	
67-S	44-105	42
271	22-315	39
501	22-127	39
502	22-142	39
503	21-175	39
507	22-320	39
509	22-428	39
510	22-449	39
512	21-572	39
524	20-851	39
604	31-150	40
605	32-168	40
607	32-168	40
613	32-306	40
615	32-338	40
617	33-364	40
619	33-395	40
621	33-464	40
625	33-415	40
626	32-660	40
630	32-402	40
643	33-131	40
701	42-117	41
703	42-138	41
704	44-152	41
706	41-199	41
714	42-347	41
715	44-352	41
716	42-355	41
720	44-386	41
721	44-390	41
724	44-443	41
730	42-713	42
738	44-611	42
739	42-685	42

Antex*	Plato*	Pg.
2-IC	A-108	38
2-IS	A-521	38
6-NS	A-5217	38
8-I	A-417	38
46-IC	A-144	38
46-IS	A-542	38
46-NS	A-5890	38

Bonkote*	Plato*	Pg.
5-0.5C	BKT-5897	27
5-1C	BKT-5899	27
5-2B	BKT-8144	27
5-2BC	BKT-5900	27
5-2C	BKT-5898	27
5-2D	BKT-6079	27
7-1C	BKT-5736	28
7-2B	BKT-4835	28
7-3C	BKT-5738	28
7-5A	BKT-2046	28
7-5B	BKT-4836	28
7-KF	BKT-0954	28
10-4C	BKT-5777	28
10-6B	BKT-4832	28
10-6C	BKT-5778	28
10-8B	BKT-4857	28
10-8D	BKT-2792	28
10-KF	BKT-0940	28

Edsyn Loner*	Plato*	Pg.
LT-374	E-4709	29
LT-375	E-2621	29
LT-376	E-2622	29
LT-381	E-8134	29
LT-383	E-4781	29
LT-392	E-4711	29
LT-393	E-5649	29
LT-394	E-2627	29
LT-395	E-2625	29
LT-425	E-2626	29
LT-429	E-4710	29
LT-430	E-5892	29
LT-431	E-2624	29
LT-444-1	E-6060	29
LT-444	E-2856	29
LT-445	E-5891	29
LT-446	E-4708	29

Elvo*	Plato*	Pg.
501	CI-4713	30
506	CI-2629	30
507	CI-2642	30
509	CI-4717	30
E221	TX-300	30
E231	TX-440	30
E241	TX-322	30
E251	TX-367	30
E261	TX-314	30

E281	TX-343	30
E291	TX-351	30
E301	TX-406	30
E311	TX-338	30

Ersa*	Plato*	Pg.
602BD	ER-4743	31
602CD	ER-2675	31
602ED	ER-2676	31
602KD	ER-2643	31
602SD	ER-4742	31
602UD	ER-8550	31
602VD	ER-2678	31
832BD	ER-4002	31
832CD	ER-3998	31
832DD	ER-5001	31
832ED	ER-3101	31
832FD	ER-5002	31
832ID	ER-4003	31
832KD	ER-3997	31
832OD	ER-0975	31
832UD	ER-4005	31
832SD	ER-4004	31
832YD	ER-3999	31
832PW	ER-5003	31

Esico*	Plato*	Pg.
210-107	22-142	39
210-114	22-142	39
210-132	22-127	39
210-143	22-127	39
211-105	21-175	39
211-127	21-175	39
220-103	22-320	39
220-116	22-320	39
240-102	22-449	39
240-111	22-449	39
251-120	21-572	39
251-131	21-572	39
310-108	33-131	40
310-115	33-131	40
311-103	31-150	40
311-124	31-150	40
312-105	32-168	40
312-116	32-168	40
320-109	33-364	40
320-118	33-364	40
320-136	33-395	40
320-144	33-395	40
322-104	32-306	40
322-117	32-306	40
322-220	32-338	40
322-146	32-338	40
340-107	33-464	40
340-114	33-464	40
342-112	32-660	40
342-119	32-660	40
400-126	44-152	41
410-140	44-152	41
411-107	41-199	41
411-123	41-199	41
412-103	42-117	41
412-110	42-683	42
412-131	42-117	41
412-159	42-138	41
412-246	42-138	41
413-102	43-754	41
413-117	43-799	42
420-106	44-390	41
420-114	44-715	42
420-119	44-390	41
420-130	44-611	42
420-143	44-386	41
420-164	44-386	41
420-201	44-706	41
422-113	42-619	42
422-132	42-355	41
422-144	42-347	41
422-347	42-347	41
426-161	46-626	41
426-173	46-626	41
426-189	46-912	42
440-129	44-443	41
440-138	44-653	42
440-177	44-443	41
442-139	42-628	41
442-147	42-685	42
442-153	42-628	41
451-146	41-545	41
451-167	41-545	41
610-102	66-145	43
613-103	63-155	43
620-126	66-627	44
620-383	66-300	44
630-107	66-201	43
640-169	66-409	43
640-190	66-911	44
1010-119	1010-184	44
1030-101	1010-286	44

Hakko*	Plato*	Pg.
582-T-4	400-8148	23
585-T-6	600-8149	23
587-T-8	800-8150	23
900L-T-2B	HS-4789	22
900L-T-2C	HS-5705	22
900L-T-3C	HS-5706	22
900L-T-4C	HS-5707	22
900L-T-5C	HS-5876	22
900L-T-1.6D	HS-6094	22
900L-T-2.4D	HS-6027	22

900L-T-3.2D	HS-2755	22
900L-T-B	HS-4788	22
900L-T-I	HS-4790	22
900L-T-K	HS-0922	22
900L-T-LB	HS-8177	22
900L-T-S1	HS-1666	22
900M-T-0.2RB	HS-4791	20
900M-T-0.5C	HS-5715	20
900M-T-0.8C	HS-5716	20
900M-T-1C	HS-5701	20
900M-T-1.5CF	HS-5861	20
900M-T-2C	HS-5702	20
900M-T-3C	HS-5703	20
900M-T-4C	HS-5875	20
900M-T-0.8D	HS-2863	20
900M-T-1.2D	HS-2796	20
900M-T-1.6D	HS-2751	20
900M-T-2.4D	HS-2752	20
900M-T-3.2D	HS-2753	20
900M-T-1.8H	HS-0926	20
900M-T-1.2LD	HS-6030	20
900M-T-2LD	HS-6092	20
900M-T-3.2LD	HS-6093	20
900M-T-B	HS-4785	20
900M-T-H	HS-0925	20
900M-T-I	HS-4787	20
900M-T-K	HS-0927	20
900M-T-LB	HS-4786	20
900M-T-R	HS-0923	21
900M-T-RT	HS-0924	21
900M-T-SB	HS-4792	21
900M-T-SMD	HS-4988	21
900M-T-S3	HS-1665	21
900M-T-S4	HS-8175	21
900M-T-S5	HS-8157	21
900M-T-S6	HS-5827	21
900M-T-S7	HS-5826	21
900S-T-B	HS-4875	21
900S-T-1.6D	HS-2847	21
900S-T-I	HS-4878	21
918-T-3C	HS-5807	23
918-T-4C	HS-5877	23
918-T-5C	HS-5878	23
918-T-1.6D	HS-2938	23
918-T-2.4D	HS-2939	23
918-T-3.2D	HS-6029	23
918-T-B	HS-4838	23
918-T-BC	HS-5806	23
920-T-2C	HS-5781	24
920-T-3C	HS-5857	24
920-T-4C	HS-5859	24
920-T-1.0D	HS-6095	24
920-T-1.6D	HS-2936	24
920-T-2.4D	HS-2937	24
920-T-3.2D	HS-2818	24
920-T-B	HS-4840	24
920-T-BC	HS-5805	24
920-T-D	HS-2937	24
920-T-I	HS-4933	24
920-T-R	HS-0876	24
920-T-RT	HS-0877	24
980-T-B	HS-5710	24
980-T-BC	HS-5711	24
980-T-D	HS-5712	24
BB3	300-8179	23
BB4	400-8182	23
BB6	600-8181	23
N452-T-B	HS-4860	25
N452-T-C	HS-5879	25
N452-T-D	HS-1647	25
N452-T-I	HS-4904	25
N452-T-SB	HS-8126	25
N452-T-SC	HS-5880	25
N452-T-SD	HS-1646	25
N452-T-1C	HS-5881	25
N452-T-2C	HS-5882	25
N452-T-3C	HS-5883	25
N452-T-4C	HS-5884	25
N454-T-B	HS-4903	25
N454-T-D	HS-1648	25
N454-T-I	HS-8127	25
N454-T-2C	HS-5885	25
N454-T-3C	HS-5886	25
N454-T-4C	HS-5887	25
N454-T-5C	HS-5888	25

Hexacon*	Plato*	Pg.
HT104	20-851	39
HT108	66-409	43
HT118	32-402	40
HT129	66-367	43
HT131	44-653	42
HT145	63-155	43
HT151	66-145	43
HT159	41-545	41
HT178	1010-397	44
HT190	33-395	40
HT195	33-131	40
HT202	44-611	42
HT207	33-364	40
HT220	31-517	40
HT222	22-449	39
HT249	22-127	39
HT256	1010-286	44
HT276	31-150	40
HT281	33-415	40
HT313	44-352	41
HT324	42-138	41
HT331	22-687	39
HT343	44-443	41
HT356	42-619	42
HT358	42-347	41

HT359	42-355	41
HT361	21-175	39
HT376	22-142	39
HT382	44-3513	42
HT397	44-386	41
HT417	44-390	41
HT426	44-715	42
HT449	66-300	44
HT451	42-117	41
HT452	42-685	42
HT453	40-712	42
HT463	43-754	41
HT468	44-105	42
HT470	66-349	44
HT472	66-911	44
HT473	43-799	42
HT474	32-168	40
HT477	22-315	39
HT479	32-660	40
HT499	1010-184	44
HT506	55-316	43
HT511	20-851	39
HT513	42-628	41
HT547	55-118	43
HT548	32-338	40
HT550	55-321	43
HT552	46-626	41
HT553	44-152	41
HT556	55-336	43
HT560	22-320	39
HT566	66-	

1121-0337	33-6058	32
1121-0339	22-8001	34
1121-0340	22-8003	34
1121-0349	33-1657	32
1121-0357	33-8141	32
1121-0358	33-1658	32
1121-0359	33-1144	32
1121-0360	33-6057	32
1121-0361	33-1146	32
1121-0363	33-8143	32
1121-0402	SMP-2004	33
1121-0406	33-5894	32
1121-0414	33-6056	32
1121-0490	33-5895	32
1121-0499	33-1147	32
1121-0500	33-1148	32
1121-0501	22-1071	34
1121-0502	22-6072	34
1121-0503	22-8002	34
1121-0504	22-5073	34
1121-0510	33-3985	33
1121-0516	33-3981	33
1121-0518	33-3986	33
1121-0524	33-3983	33
1121-0525	33-3984	33
1121-0526	33-3982	33
1121-0527	33-7102	33
1121-0528	33-7101	33
1121-0529	33-7104	33
1121-0530	33-7105	33
1121-0531	33-7106	33
1121-0532	33-7107	33
1121-0533	33-7103	33
1121-0563	33-5896	32
1121-0564	33-5897	32
1121-0610	33-5898	32
1360-0083	33-0001	34

Start*	Plato*	Pg.
501	CI-4713	30
506	CI-2629	30
507	CI-2642	30
509	CI-4717	30
822	TX-300	30
823	TX-440	30
824	TX-322	30
825	TX-367	30
826	TX-314	30

Weller*/Ungar*	Plato*	Pg.
9010	UC-8801	19
9011	UC-7001	19
9012	UC-6100	19
9013	UC-7002	19
9014	UC-7003	19
9015	UC-6101	19
9016	UC-6110	19
9017	UC-6102	19
9018	UC-6103	19
9019	UC-7004	19
9050	UC-8802	19
9051	UC-6104	19
9052	UC-7005	19
9056	UC-8803	19
9057	UC-6105	19
9058	UC-6106	19
9059	UC-6107	19
9060	UC-6108	19
9061	UC-6109	19
CTS5	4C-3241	17
CTS5B	4C-3242	17
CTS5C	4C-3243	17
CTS5D	4C-3244	17
CTS5E	4C-1080	17
CT6C	6C-3219	17
CT6D	6C-3220	17
CT6E	6C-3221	17
CT6F	6C-1083	17
EPH101	RX-4762	16
EPH102	RX-402	16
EPH103	RX-513	16
EPH104	RX-404	16
EPH105	RX-515	16
EPH106	RX-306	16
EPH107	RX-307	16
EPH109	RX-409	16
EPH110	RX-401	16
EPH111	RX-4764	16
EPH112	RX-4763	16
ETA	EW-303	15
ETB	EW-305	15
ETC	EW-307	15
ETD	EW-103	15
ETH	EW-301	15
ETJ	EW-302	15
ETK	EW-304	15
ETJL	EW-0939	15
ETL	EW-306	15
ETM	EW-308	15
ETMX	EW-0603	15
ETO	EW-404	15
ETP	EW-403	15
ETR	EW-101	15
ETS	EW-402	15
ETSMD 2.5mm	EW-0940	15
ETSMD 3.8mm	EW-0941	15
ETT	EW-401	15
ETAA	EW-513	15
ETBB	EW-515	15

ETCC	EW-517	15
ETDD	EW-519	15
MPT-1	DX-4771	18
MPT-1S	DX-4814	18
MPT-4	DX-5590	18
MPT-6	DX-1500	18
MPT-A	DX-2684	18
MPT-B	DX-2726	18
MPT-H	DX-2683	18
MPT-HX	DX-2987	18
MT-GW	DX-5551	18
MT-JL	DX-0601	18
PTA*	C-3039	14
PTB*	C-3040	14
PTC*	C-3036	14
PTD*	C-1016	14
PTE*	C-1017	14
PTF*	C-593	14
PTH*	C-3100	14
PTJ*	C-3865	14
PTK*	C-3043	14
PTL*	C-3044	14
PTM*	C-3102	14
PTO*	C-4223	14
PTMX*	C-0602	14
PTP*	C-462	14
PTQ*	C-5101	14
PTR*	C-1021	14
PTS*	C-494	14
PTT*	C-4309	14
PTX*	C-9100	14
PTZ*	C-983	14
PTAA*	C-5139	14
PTBB*	C-5143	14
PTCC*	C-5141	14
PTDD*	C-5142	14
ST-1	44-3870	16
ST-2	44-3871	16
ST-3	44-3872	16
ST-4	44-1312	16
ST-6	44-3873	16
ST-7	44-8182	16
ST-8	41-1313	16

*A temperature designing number is used by both Plato and Weller, e.g. Weller PTA-7 is equivalent to Plato C-3039-7.

Xytronic*	Plato*	Pg.
501	CI-4713	30
506	CI-2629	30
507	CI-2642	30
509	CI-4717	30
822	TX-300	30
823	TX-440	30
824	TX-322	30
825	TX-367	30
826	TX-314	30

DESOLDERING TIPS

Part Number Cross Reference

Air-Vac*	Plato*	Pg.
22	20-0109	34
30	20-0110-HW	34
36	20-0110-HW	34
45	20-0113-HW	34
51	20-0111-HW	34
60	20-0111-HW	34
61	20-0111-HW	34
61	20-0111-HW	34
90	20-0112	34
95	20-0112	34

A.P.E.*	Plato*	Pg.
1212-0025	20-0109	34
1212-0040	20-0110	34
1212-0050	20-0113	34
1212-0060	20-0111	34
1212-0080	20-0112	34
1212-0081	20-0112	34
1212-0082	20-0111	34
1212-0083	20-0113	34
1212-0084	20-0110	34
1212-0085	20-0109	34
1212-0440	20-0110-HW	34
1212-0550	20-0113-HW	34
1212-0660	20-0111-HW	34

Edsyn Loner*	Plato*	Pg.
ZD08	EZ-030	35
ZD09	EZ-070	35
ZD10	EZ-040	35
ZD11	EZ-050	35
ZD12	EZ-030	35
ZD13	EZ-040	35
ZD14	EZ-050	35
ZD18	EZ-070	35

Hakko*	Plato*	Pg.
481-T-0.8	TM-007	36
481-T-1.0	TM-010	36
481-T-1.3	TM-013	36
481-T-1.6	TM-015	36

483-T-0.8	HK-0008	36
483-T-1.0	HK-0010	36
483-T-1.0S	HKL-0010	36
483-T-1.3	HK-0013	36
483-T-1.6	HK-0016	36
800-T-0.8	HK-0008	36
800-T-1.0	HK-0010	36
800-T-1.0S	HKL-0010	36
800-T-1.3	HK-0013	36
800-T-1.6	HK-0016	36
A-1002	HK-0878	36
A-1003	HK-0879	36
A-1004	HK-0880	36
A-1005	HK-0881	36
A-1006	HK-0882	36
A-1007	HK-0883	36

OK Ind.*	Plato*	Pg.
BTR-D-027	OO-0737	35
BTR-D-031	OO-0738	35
BTR-D-039	OO-0739	35
BTR-D-047	OO-0740	35
BTR-D-063	OO-0741	35
SAT-4-031	TM-007	36
SAT-4-039	TM-010	36
SAT-4-051	TM-013	36
SAT-4-063	TM-015	36
SAT-4V-031	HK-0008	36
SAT-4V-039	HK-0010	36
SAT-4V-051	HK-0013	36
SAT-4V-063	HK-0016	36

Pace*	Plato*	Pg.
1121-0091	20-0112	34
1121-0213	20-0109	34
1121-0215	20-0110HW	34
1121-0216	20-0113	34
1121-0216	20-0113HW	34
1121-0217	20-0111	34
1121-0217	20-0111HW	34
1121-0254	20-040HW	34
1121-0255	20-060	34
1121-0255	20-060HW	34
1121-0261	20-0030	34
1121-0262	20-0040	34
1121-0267	20-0060	34
1121-0342	30-0400	35
1121-0367	30-0300	35
1121-0368	30-0600	35
1121-0369	30-0060	35
1121-0462	30-030	35
1121-0463	30-040	35
1121-0464	30-060	35
1121-0465	30-6000	35
1121-0479	20-0110	34
1121-0480	20-0114	34
1121-0485	20-025	34
1121-0486	20-040	34
1121-0494	30-0004	35
1121-0505	30-0003	35
1121-0506	30-0006	35
1121-0507	30-0900	35
1360-0083	33-0001	34

Weller*	Plato*	Pg.
DS-110	T-0138	37
DS-110	TM-10	37
DS-112	T-0139	37
DS-112	TM-12	37
DS-113	T-0140	37
DS-113	TM-13	37
DS-114	T-0141	37
DS-114	TM-14	37
DS-115	TM-17	37
DS-116	TM-16	37
DS-116	T-0136	37
DS-117	TM-18	37
DS-117	T-0137	37
DST 1	T-0261	37
DST 2	T-0262	37
DST 4	T-0264	37
DST 5	T-0265	37

TIP CLEANING SPONGES

Part Number Cross Reference

American Beauty*	Plato*	Pg.
480S	CS-5	10

Desco*	Plato*	Pg.
4101	CS-5	10

Edsyn Loner*	Plato*	Pg.
RS-199	CS-40	10
SH-230 Holder	CS-40	10

Hakko*	Plato*	Pg.
A-1024	CS-44	10
A-1024	CS-44M	10
607 Holder	CS-44	10

607 Holder	CS-44M	10
609-029	CS-44	10
609-029	CS-44M	10
609 Holder	CS-44	10
609 Holder	CS-44M	10
631 Holder	CS-44	10
631 Holder	CS-44M	10
632	CS-44	10
632	CS-44M	10
926-029B	CS-43	10
926 Holder	CS-43	10
700 Holder	CS-43	10

Hexacon*	Plato*	Pg.
893A Holder	CS-36	10
8101	CS-9	10
8101C	CS-9	10
8121	CS-9	10
8121C	CS-9	10
8141	CS-36	10
8141C	CS-36	10
MV15/16	CS-36	10

Lerloy*	Plato*	Pg.
65N	CS-5	10

Marshall*	Plato*	Pg.
CM100B	CS-5	10

Metal*	Plato*	Pg.
STSS-YS1	CS-12	10
STSS-YS3	CS-47	10

Pace*	Plato*	Pg.
4021-0005	CS-1	10

Ungar*	Plato*	Pg.
9904	CS-44	10
9904	CS-44M	10
UTC234	CS-47	10

Weller*	Plato*	Pg.
892MS	CS-33	10
896MS	CS-33	10
52241999	CS-14	10
52241999		

ONE OF THE INDUSTRY'S MOST POPULAR LEAD CUTTERS!

Meets ANSI (J-STD-001B).

Assemblers love its effortless shearing action, comfort, light weight, and safety for electronics lead and wire cutting.

Try a new experience in effortless lead cutting. Platoshear requires 50% less operator effort and has a longer cutting life than conventional cutters because it shears rather than bites, and cushioned handles provide daylong comfort.

Platoshear has a thin profile designed for those hard-to-get-at areas in electronic assembly where conventional cutters can't reach.

✓ Ergonomically designed. ✓ Reduces operator fatigue. ✓ Requires 50% less operator effort. ✓ Made in the U.S.A.

PLATOSHEAR 170

Flush cuts component leads as large as 18 AWG copper wire (.040"/1.0mm). Weighs 1.8oz. (51g) and is 5.15" (131mm) long.

PLATOSHEAR 175

Same as Platoshear 170 but with a permanently attached safety guard that reduces the risk of lead fly-off.

PLATOSHEARS 170 SD & 175 SD – ESD SAFE

Same as Platoshear 170 & 175, but with permanently static dissipative plastic grips which meet DOD-STD-1686 and MIL-B-81705, Type 2. (Not shown)



NEW!

PLATOSHEAR 170 SMD – ESD SAFE



For use in restricted areas. The low profile nose and narrow head, combined with a nose width of less than .025" (0.6mm) per side enables cuts of SMD leads up to .020" (0.5mm) diameter with openings between leads as small as .028" (0.7mm). Includes unique SAF-T-LINK® feature for greater operator safety.

PLATO BIG SHEAR 1755

Cuts round and flat cable, co-ax, nickel, Kovar and other wire with a clean shearing cut that reduces cable cut-end distortion. And it is lightweight, only 2.5 ounces (71g), significantly reducing operator fatigue. It is 5.82 inches (148mm) in length.

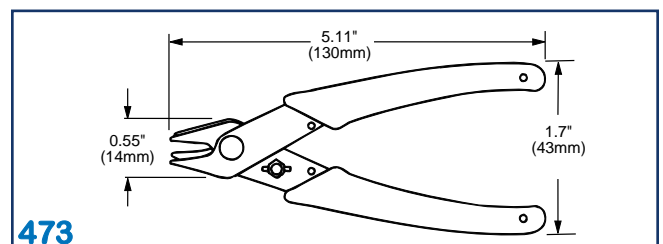
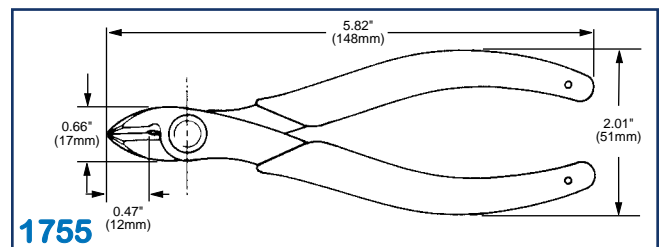
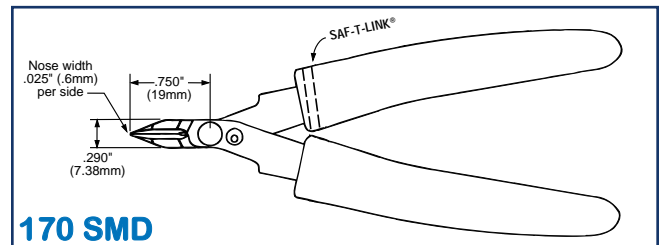
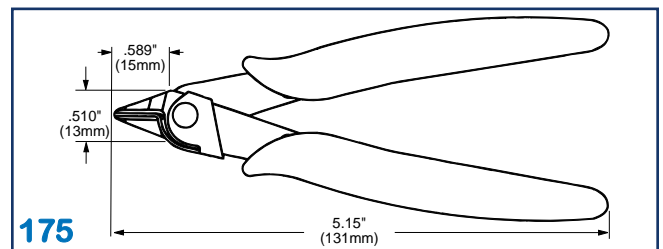
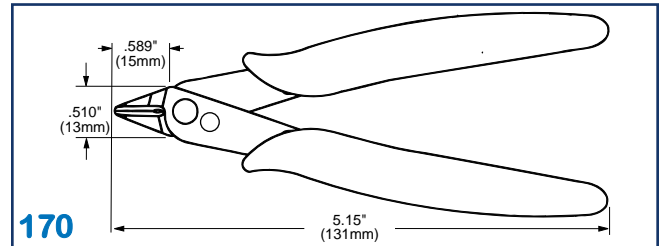
473 LEAD FORMER

Forms standoffs in component leads.

Meets ANSI (J-STD-001B)

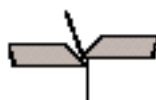
Form standoffs as close as .062" (1.6mm) from the component body with a single squeeze. An adjusting screw sets the radius and depth of the bend. The tool's sturdy construction features a double-coil steel return spring and plastic-dip vinyl handles that fit in the palm of the hand. Model 473 forms wire up to .030" (0.8mm) diameter.

Makes these forms and many more.



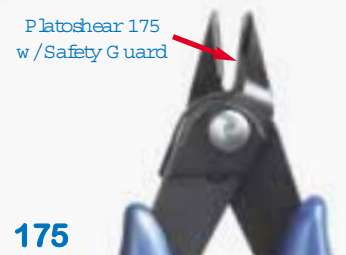
170 SMD

Shear Cutting Principle



Shear cutting results in 50% reduced force necessary to cut metal, transmits less mechanical force to component, extends tool life because ground blade edges "by-pass."

Platoshear 175
w/ Safety Guard



175

SP-500T, SP-150T, SP-600T & SP-750T

EXCEEDS ANSI (J-STD-001B)

PRECISION TEMPERATURE CONTROLLED $\pm 5^\circ\text{F}$ ($\pm 2.75^\circ\text{C}$)

Plato's Solder Pots exceed the requirements of military specifications ANSI (J-STD-001B). The pots control temperatures to $\pm 5^\circ\text{F}$ ($\pm 2.75^\circ\text{C}$) of a preselected setting from ambient to 925°F (496°C) and have an LCD temperature display.

Standard features include:

- ✓ A new solid state controller that limits transient voltage spiking to 2mV peak-to-peak, or less, for voltage sensitive components.
- ✓ A temperature preset switch to select the desired temperature.
- ✓ An LCD that displays preset temperature and operating temperature.
- ✓ Internal circuitry to compensate for incoming power fluctuations, power line circuit breaker.
- ✓ All metal construction for ESD protection.
- ✓ Safety heat shield.
- ✓ Removable dross tray for easy cleaning.
- ✓ Three-wire, grounded UL listed cord.
- ✓ An output jack for external temperature recorder or data logger.
- ✓ Adjustable leveling feet.
- ✓ Porcelain crucible available (see below).

SP-500T and SP-150T Additional Features:

- ✓ 2.5" (64mm) diameter by 1.5" (38mm) deep crucible.
- ✓ Capacity: 2.0lbs. (1kg).
- ✓ Shipping Weight: 12lbs. (5.4kg).

SP-600T and SP-750T Additional Features:

- ✓ Large capacity crucible, 4" (102mm) by 6" (152mm) by 4" (102mm) deep.
- ✓ Safety warm-up crucible cover.
- ✓ Capacity: 32lbs. (14kg).
- ✓ Shipping Weight: 45lbs. (20kg).

Replacement parts list and prices on request.

Model	Input	Wattage	Temperature Range
SP-500T	120VAC	350	Ambient to 925°F (496°C)
* SP-150T	240VAC	350	Ambient to 925°F (496°C)
SP-600T	120VAC	1000	Ambient to 750°F (399°C)
* SP-750T	240VAC	1000	Ambient to 750°F (399°C)

* SP-150T and SP-750T Display Temperature in Celsius.



PORCELAINIZED SOLDER POT CRUCIBLE OPTION *

Plato's porcelainized solder pot crucible is available as an option for each of its standard solder pots.

- ✓ The porcelainized crucible is easy to clean and offers a long service life.
- ✓ Solder will not adhere to the porcelainized surface, which allows for easier maintenance.
- ✓ The non-reactive crucible will not rust and actively resists corrosion when used with activated fluxes and chemicals.

To order any Plato® solder pot with porcelainized crucible, add the letter "P" to the part number.

For example, SP-500T becomes SP-500TP.



SP-500T & SP-150T



SP-600T & SP-750T



DROSS SKIMMER SP-1200

SP-101, SP-201, SP-301, SP-401 General

GENERAL PURPOSE $\pm 11^\circ\text{F}$ ($\pm 6^\circ\text{C}$)

Plato General Purpose Solder Pots control temperature to $\pm 11^\circ\text{F}$ ($\pm 6^\circ\text{C}$) through the use of a thermal timer switch with automatic correction for voltage fluctuations.

Proven features include:

- ✓ A three index position control switch with infinitely variable temperature control.
- ✓ Safety heat shield
- ✓ Removable dross tray for easy cleaning
- ✓ Three-wire, grounded UL listed cord
- ✓ 2.5" (64mm) diameter by 1.5" (38mm) deep crucible
- ✓ Adjustable leveling feet.
- ✓ Capacity: 2.0lbs. (1kg).
- ✓ All parts are easily replaceable including the heating element and control switch.
- ✓ Shipping Weight: 11lbs. (5kg).

Replacement parts list and prices on request.

Model	Input	Wattage	Temperature Range
SP-101	120VAC	350	500° to 975°F (525°C)
SP-201	240VAC	350	500° to 975°F (525°C)
SP-301	120VAC	500	500° to 1100°F (595°C)
SP-401	240VAC	500	500° to 1100°F (595°C)

* Porcelain crucibles are also available as an option for all pots.



SP-101, SP-201, SP-301 & SP-401

V-581 Vac-Kit Desoldering Station

VAC-KIT PRODUCTION DESOLDERING STATION WITH PULSE VACUUM MINIMIZES TIP CLOGGING AND OPERATOR MAINTENANCE.

Plato's unique controlled pulse combined with high vacuum, does a clean thorough job of removing solder while maintaining stable tip temperature. Continuous vacuum systems can cool the tip below the melting temperature of solder resulting in tip clogging and slower production. The Plato controlled pulse system minimizes tip clogging and operator maintenance.

Features:

- ✓ Non-clogging solder path. Large-capacity, quick cleaning solder collector.
- ✓ Lightweight, human-engineered handpiece with comfortable arm-to-work position.
- ✓ Steady tip temperature.
- ✓ Whisper-quiet operation. Operates on 85-130psi (6-9bar) shop air.
- ✓ Snubber circuit provides RFI/EMI protection for voltage sensitive devices.
- ✓ Fully grounded.
- ✓ High-efficiency vacuum transducer. High vacuum up to 24"Hg (600mm Hg, 81.3kPa).
- ✓ Circuit breaker with reset button. Air pressure regulator. All solid state circuitry.

Specifications:

MODEL	INPUT VOLTAGE
V-581	120VAC



V-985 Vac-Kit Spike-Free Desoldering

CERTIFIED SPIKE-FREE DESOLDERING STATION WITH PULSE VACUUM

MEETS ANSI (J-STD-001B)



Features:

- ✓ Plato's unique controlled pulse, combined with high vacuum, does a clean job of removing solder while maintaining stable tip temperature.
- Continuous vacuum systems can cool the tip below the melting temperature of solder resulting in tip clogging and slower production.
- ✓ Used by major aerospace contractors for desoldering voltage sensitive devices.
- ✓ Verifiable spike-free using the latest test techniques, 2mV peak-to-peak limit on transient voltages.
- ✓ Fully grounded.
- ✓ 24V handpiece for operator safety.
- ✓ 120V, 60Hz input. Operates on 85-130 psi (6-9bar) shop air.
- ✓ See notes on this page for Quick-Cleaning Solder Collector Operation, Long-Life Replacement Tips, and Optional Accessories.



General Information for V-581 & V-985:

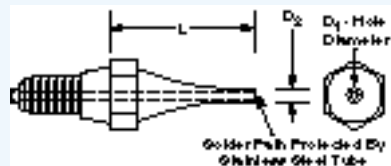
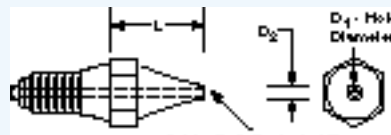
- ✓ All models operate on 85-130 psi (6-9bar) shop air.
- ✓ Shipping Weight: 7lbs. (3.2kg).

Optional Accessories for V-581 & V-985:

Air line hook-up kit and filter	Part No. 01-9995
Air line filter	Part No. 01-9996
Tip cleaning sponge	Part No. CS-11
Tip cleaning tool	Part No. 01-5000 see page 13

Replacement Tips for V-581 & V-985: () = mm

PLATO NO.	L	D ₁	D ₂
VT-0025	.500*(12.7)	.025*(0.6)	.070*(1.8)
VT-0033	.500*(12.7)	.033*(0.8)	.070*(1.8)
VT-0040	.500*(12.7)	.040*(1.0)	.090*(2.3)
VT-0050	.500*(12.7)	.050*(1.3)	.100*(2.5)
VT-0060	.500*(12.7)	.060*(1.5)	.120*(3.0)
VT-0090	.500*(12.7)	.090*(2.3)	.170*(4.3)
VT-1050	.750*(19.0)	.050*(1.3)	.100*(2.5)



Tip drawings are actual size.

Premium Quality for Long Life. Stainless steel tube prevents erosion by solder. Heavy iron plate at working surfaces. Tinned for good heat transfer. Threads and body immunized.

*Tips supplied with Vac-Kit.



Quick-Cleaning Solder Collector with Heat-Insulated Handle

A unique time-saving Vac-Kit feature is the convenient tempered glass solder collector with heat-insulated handle. This allows for quick cleaning during desoldering by pulling back on the release and lifting the collector away from the handpiece. The entire cleaning operation can be done in several seconds with the Vac-Kit at operating temperature, thereby eliminating downtime.

Long-Life Replacement Tips

Plato long-life tips are iron plated copper, pre-tinned at the working surface. The interior solder path is a stainless steel tube that prevents erosion by solder. Vac-Kit's unique tapered seat construction affords maximum heat transfer and vacuum seal. Three tips are supplied with each Vac-Kit.

Plato®-Wick XLNC

Fast W icking Action -
No Post C leaning Required - ESD Safe



Plato's no clean wick is specially formulated to improve wicking action and remove solder faster than conventional wick. Any remaining residue is halide free and non-conductive; post cleaning is generally not required. Since Plato®- Wick XLNC absorbs solder faster, dwell time per solder joint is reduced, shortening the time necessary for the operator to complete the task which limits risk of heat damage to the product being repaired.

New Plato®-Wick XLNC no clean wick is the operator's #1 choice. Competitively priced. Available in 5' (1.5 M) and 10' (3.0 M) ESD safe spools, vacuum sealed in packs of 10 to insure freshness. Samples available.

- ✓ Fast Wicking Action
- ✓ Requires No Post Cleaning
- ✓ Vacuum Sealed
- ✓ ESD Safe Bobbins
- ✓ Meets Bellcore TR-NWT-000078 and IPC-SF-818 Specifications



Plato®-Wick XLNC – No Clean Wick

Plato-W ick No C lean 5' (1.5 M) ESD Bobbins

Part No.	W idth	Color Code
XLNC 1-5	.030" (0.8 mm)	White
XLNC 2-5	.060" (1.5 mm)	Yellow
XLNC 3-5	.085" (2.15 mm)	Green
XLNC 4-5	.100" (2.5 mm)	Blue
XLNC 5-5	.145" (3.7 mm)	Brown

Plato-W ick No C lean 10' (3.0 M) ESD Bobbins

Part No.	W idth	Color Code
XLNC 1-10	.030" (0.8 mm)	White
XLNC 2-10	.060" (1.5 mm)	Yellow
XLNC 3-10	.085" (2.15 mm)	Green
XLNC 4-10	.100" (2.5 mm)	Blue
XLNC 5-10	.145" (3.7 mm)	Brown

Plato®-Wick XL

PLATO®-WICK XL PREMIUM DESOLDERING BRAID CUTS DESOLDERING TIME UP TO 50% COMPARED TO CONVENTIONAL WICK.

Plato®-Wick XL is designed for quick and safe desoldering of printed circuit board components, terminals, lugs, and wire wrap pins, and removing bridges, icicles and unwanted solder.

- ✓ Quick, clean pick-up because the fine gauge copper braid transfers heat to the connection faster, greatly reducing desoldering time.
- ✓ Leaves minimal residue therefore minimizing the need for post cleaning.
- ✓ The design of Plato-Wick XL absorbs a greater volume of solder than conventional wick and it works at a lower temperature because of its reduced mass.
- ✓ The combination of fast action and lower temperature results in greater operator comfort and reduced risk of heat damage to components.
- ✓ Pure white rosin flux meets MIL-F-14256D, Type R.
- ✓ Color-coded containers.
- ✓ Sizes for all applications.



ESD Bobbins Plato-Wick XL 5' (1.5M) Rolls

Part No.	Width	Color Code
XL 1-5	.030" (0.8mm)	White
XL 2-5	.060" (1.5mm)	Yellow
XL 3-5	.085" (2.15mm)	Green
XL 4-5	.100" (2.5mm)	Blue
XL 5-5	.145" (3.7mm)	Brown

Packaged 10 rolls per pack.

ESD Bobbins Plato-Wick XL 10' (3.0M) Rolls

Part No.	Width	Color Code
XL 1-10	.030" (0.8mm)	White
XL 2-10	.060" (1.5mm)	Yellow
XL 3-10	.085" (2.15mm)	Green
XL 4-10	.100" (2.5mm)	Blue
XL 5-10	.145" (3.7mm)	Brown

Packaged 10 rolls per pack.

Plato-Wick XL 25' (7.6M) Rolls

Part No.	Width	Color Code
XL 1-25	.030" (0.8mm)	White
XL 2-25	.060" (1.5mm)	Yellow
XL 3-25	.085" (2.15mm)	Green
XL 4-25	.100" (2.5mm)	Blue
XL 5-25	.145" (3.7mm)	Brown

Packaged in single rolls.

Plato-Wick XL 100' (30.5M) Rolls

Part No.	Width	Color Code
XL 1-100	.030" (0.8mm)	White
XL 2-100	.060" (1.5mm)	Yellow
XL 3-100	.085" (2.15mm)	Green
XL 4-100	.100" (2.5mm)	Blue
XL 5-100	.145" (3.7mm)	Brown

Packaged in single rolls.

Plato-Wick XL 500' (152.5M) Rolls

Part No.	Width	Color Code
XL 1-500	.030" (0.8mm)	White
XL 2-500	.060" (1.5mm)	Yellow
XL 3-500	.085" (2.15mm)	Green
XL 4-500	.100" (2.5mm)	Blue
XL 5-500	.145" (3.7mm)	Brown

Packaged in single rolls.

Permanently Static Dissipative Products

PLATO® -STAT PERMANENTLY STATIC DISSIPATIVE PRODUCTS PROVIDE ELECTROSTATIC DISCHARGE PROTECTION.

Meets ANSI (J-STD-001B).



Check for compatibility of liquids used. Test samples are available at no charge.

- ✓ Protects voltage sensitive devices from static discharge.
- ✓ Meets the requirements of DOD-STD-1686 for containers.
- ✓ Physical characteristics comply with MIL-B-81705, Type 2.
- ✓ Made of permanently static dissipative plastic material.

Part No.	Description	Use
SF-01	Flux dispenser, 2oz. (59ml), .010" (.25mm) ID capillary, 1" (25mm) long.	Dispense water base fluxes, low viscosity liquids.
SF-02	Flux dispenser, 2oz. (59ml), .020" (.5mm) ID capillary, 1" (25mm) long.	Dispense rosin fluxes, lubricants, cleaners, adhesives.
SF-B2HS	Scrub brush for spot cleaning, 2oz. (59ml), Brush is soft, natural horse hair.	Soft to medium stiffness, durable and works well for flux removal and general cleaning.
SF-B2HH	Scrub brush for spot cleaning, 2oz. (59ml), Brush is stiff, natural hog bristle.	Medium to stiff bristle that works well for removing difficult, sticky, crusty, or viscous materials.
SF-4	Solvent Dispenser Sleeve, 4oz. (118ml).	Fits over solvent dispenser.
SF-6	Solvent Dispenser Sleeve, 6oz. (177ml).	Fits over solvent dispenser.
SF-8	Solvent Dispenser Sleeve, 8oz. (237ml).	Fits over solvent dispenser.
SF-401	Bottle and spout, 4oz. (118ml).	Dispense liquids.
SF-801	Bottle and spout, 8oz. (237ml).	Dispense liquids.
SF-1601	Bottle and spout, 16oz. (473ml).	Dispense liquids.
SF-250	Bottle and nozzle, 8oz. (237ml).	Dispense liquids.
170SMD	Platoshear SMD Lead Cutters for restricted areas	Cuts .020" (.5mm) leads. With minimum access space of .028" (.7mm) per side.
170SD	Platoshear Lead Cutters with static dissipative grips.	Flush cut leads as large as 18 AWG (.04"/1mm).
175SD	Platoshear Lead Cutters with static dissipative grips and	Flush cut leads as large as 18 AWG (.04"/1mm).



PLATO®-STAT PERMANENTLY STATIC DISSIPATIVE PLASTIC

Electrical Properties

Surface Resistivity:	$1 \times 10^7 - 1 \times 10^9$ ohm/sq
Volume Resistivity:	$1 \times 10^7 - 1 \times 10^9$ ohm/cm

Static Decay (Cond. 24 hrs. @ 72°F, 15% RH)

5 KV to 0.5 KV (NFPA 56A):	less than 0.02 sec.
5 KV to 0.0 KV (FTS 101/4046):	less than 0.02 sec.

Triboelectric Charge:	none
-----------------------	------

Solvent Resistance

Hexane:	1.04×10^{-1} g/m ² hydrocarbon
Acetone:	2.34×10^{-1} g/m ² hydrocarbon
IPA (Isopropyl Alcohol):	5.0×10^{-3} g/m ² hydrocarbon

Clean Room Particulate Generation

5.0 micron particles:	152 / ft ³ air/max
0.5 micron particles:	31 / ft ³ air/max
Contact Contamination:	2 micrograms / 25 cm ² hydrocarbon

Silicones:	none
Sulfides:	none
Chlorides:	none
Metallization:	none
Tertiary Amines:	none

Physical Characteristics

Military Specifications:	complies with MIL-B-81705, Type 2
Color:	gray
Clean Room Criteria:	meets Class 10,000

The above product information was supplied by the manufacturer of the static dissipative plastic. Further information is available upon request.

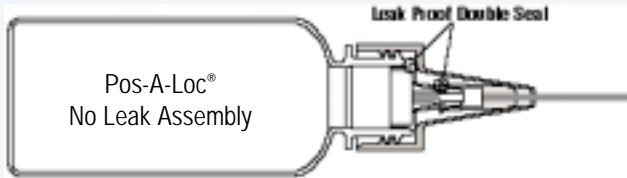
MEETS ANSI (J-STD-001B)

Flux and Liquid Dispensers

UNIQUE, NO LEAK DESIGN!*

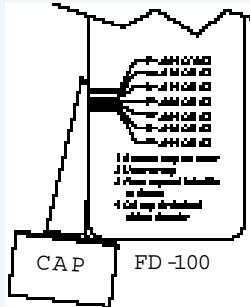
Plato's new POS-A-LOC® leak proof liquid dispensers offer a convenient way to dispense specific amounts of a variety of liquids without dripping, spilling or waste.

⚠️ ESD Safe "NO LEAK" Plato Flux Bottles. These bottles have all the features of our standard flux bottles, and meet the requirements of ANSI (J-STD-001B).



Plato No.	Capillary ID	Size	Type
FD-006	.006" (.15mm)	2oz. (59ml)	Dispenser
FD-2	.020" (.5mm)	2oz. (59ml)	Dispenser
SF-02	.020" (.5mm)	2oz. (59ml)	Dispenser, ESD Safe
FD-21	.010" (.25mm)	2oz. (59ml)	Dispenser
SF-01	.010" (.25mm)	2oz. (59ml)	Dispenser, ESD Safe
FD-100	.005"(.13)-.035"(.90)	2oz. (59ml)	Cut-to-Size Dispenser
FDC-1	Replacement Cap Assembly to fit FD-100		

The FD-100 Cut-to-Size Flux Dispenser is a convenient method of dispensing liquids. The Cut-to-Size dispenser lets you decide which tip opening best suits your needs. Just cut to the correct needle opening and you are ready to dispense any liquid.



The BC-250 is an inexpensive way to wet sponges and dispense liquids at the work bench without waste. It is a polyethylene bottle, screw cap, and dispensing tube with 8oz. (237ml) capacity.

The SF-250 is the BC-250 bottle encased in permanently static dissipative plastic that provides electrostatic discharge protection to meet DOD-STD-1686 and MIL-B-81705, Type 2.

Plato® 2 oz. Liquid Dispensers are packed 10 per box.
* Patent Pending



Stainless Steel Replacement Needles* 1" (25.4mm) Long

Plato No.	Capillary ID	Hub Color
FDN-006*	.006" (.15mm)	Lavender
FDN-010	.010" (.25mm)	Peach
FDN-020	.020" (.50mm)	Black
FDN-032	.032" (.81mm)	Brown
FDN-038	.038" (.97mm)	Pink
FDN-053	.053" (1.35mm)	Purple
FDN-066	.066" (1.68mm)	Dark Green

Flexible Teflon Needles* 1.5" (38.1mm) Long

Plato No.	Capillary ID
FDNT-022	.022" (.56mm)
FDNT-042	.042" (1.07mm)

* All needles packaged 10 per pack.

* FDN-006 has 0.5" (13mm) needle length.

SPECIAL NOTICE TO ALL "NO CLEAN" FLUX

USERS!

"No Clean" fluxes have a low viscosity. Plato has introduced a stainless steel needle with a .006" ID which is ideal to dispense precise amounts of "No Clean" flux. Order Plato's FD-006.

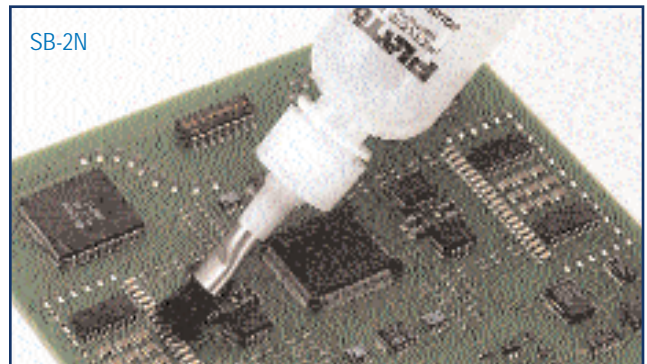
MEETS ANSI (J-STD-001B)

Plato®-Brush Scrub Bottle

Handy 2oz. (59ml) polyethylene, solvent dispenser with scrub brush provides an inexpensive method to spot clean PCB assemblies.

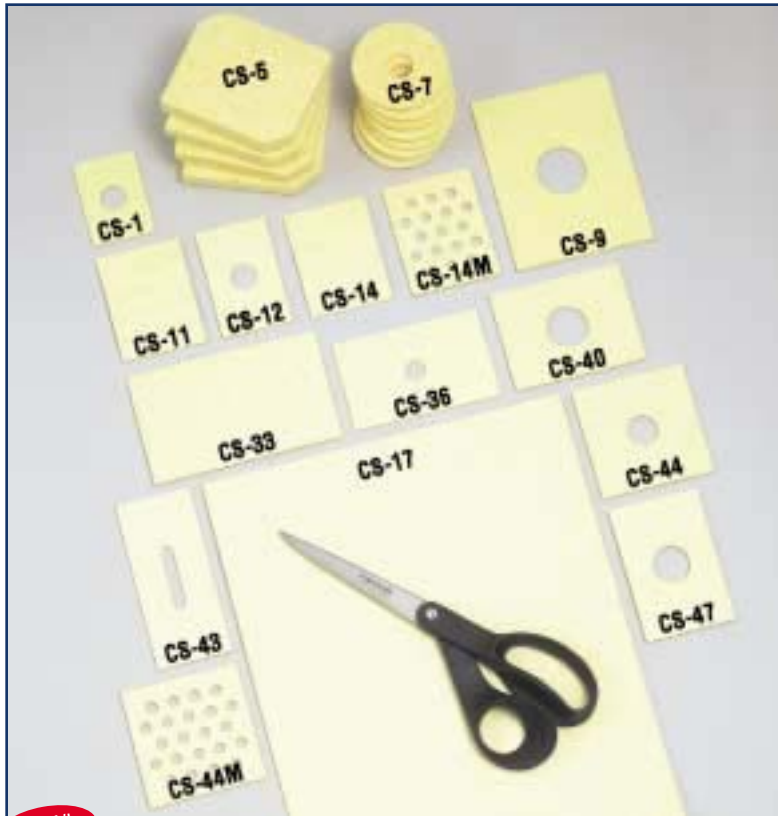
Plato No.	Applicator Brush Type	General Application
SB-2N	Nylon Bristle	Medium stiffness, for general flux removal.
SF-B2HS	Soft, Natural Horse Hair	Soft to medium stiffness, durable and works well for flux removal and general cleaning. Combination of static dissipative jacket and natural material meets ANSI (J-STD-001B).
SF-B2HH	Stiff, Natural Hog Bristle	Medium to stiff bristle that works well for removing difficult, sticky, crusty, or viscous materials. Combination of static dissipative jacket and natural material meets ANSI (J-STD-001B).

Plato®-Brush Scrub Bottles are packed 10 per box.



Replacement Brush Assemblies

Plato No.	Brush Type	All replacement brushes are packaged 10 per pack and come assembled and ready to attach to your existing Plato® - Brush Scrub Bottle.
SB-N	Nylon Bristle	
SB-HS	Soft Horse Hair	
SB-HH	Stiff Hog Bristle	



NEW!

Plato "Price Saver" sponges expand to 5/8" (16mm) and offer the same quality as our "Premium" sponges at a fraction of the cost.

Tip wiping sponges serve two main functions: to remove surface oxides which form on the tip, and to wipe the excess solder from the tip, exposing the tip point definition and offering the operator a well defined tip with which to solder.

Plato premium sponges are manufactured with all natural materials to exacting specifications. Pure cellulose (a wood derivative) is used. Cellulose is selected for its ability to hold many times its weight in water and for its resistance to abrasion and tearing forces which occur during the tip wiping process.

Plato premium sponges are designed to expand to a thickness of 1" (26mm) which will hold water for long periods of time and meet ANSI (J-STD-001B) for low sulphur content and fine porosity.

CAUTION: Many economy sponges are manufactured with man-made fibers and materials typically found in non-industrial (household) type sponges. These sponges contain colorings, sizings, plasticizers, stiffeners, and other contaminants which will promote detinning and short tip life. SYNTHETIC SPONGES ARE NOT RECOMMENDED FOR USE AS TIP CLEANING SPONGES.

Use only Plato pure cellulose sponges to aid in keeping your solder tips well tinned and to extend tip life.

Other sponge sizes and thicknesses are available to meet your requirements. Call for quote.

Plato Premium Sponge No. (Expands to 1" (26mm))	Plato Price Saver Sponge No. (Expands to 5/8" (16mm))	Original Manufacturer's No.	Also Used With	Dimensions Inches	() = mm
CS-1	CS-1/625	Weller® SP-60, Pace® 4021-0005, Ungar® 9901.		1.5" x 2.12"	(38.1 x 53.8)
CS-5		American Beauty® 480S, Desco® 4101, Lerloy 65N. (Shipped full size, 4/pack.)	Lerloy #50 American Beauty #480	2.63" x 3.2"	(66.8 x 81.3)
CS-7		(Shipped full size, 7/pack.)	Plato® TW-555 or TWH-444	2.25" dia.	(57.2 dia.)
CS-9	CS-9/625	Hexacon® 8101, 8101C, 8121 or 8121C.	890, 890-30, 892, 892-30	3.5" x 4.5"	(89 x 114.3)
CS-11	CS-11/625	Plato® Vac-Kits and Hot Grips		2" x 2.63"	(50.8 x 66.8)
CS-12	CS-12/625	Metcal® STSS-YS1	WSI Workstand	1.7" x 2.7"	(43.2 x 68.7)
CS-14	CS-14/625	Weller® 52241999 WTCP, EC-2002	Weller® WECP Iron	2.15" x 2.75"	(54.6 x 70)
CS-14M	CS-14M/625	Same as CS-14 but with multiple holes.		2.15" x 2.75"	(54.6 x 70)
CS-17	CS-17/625	Plato® Sponge Sheet (1/pack, you cut to size)		8.5" x 17"	(216 x 432)
CS-33	CS-33/625	Weller® EC-205	MF20/21, 896MS, 892MS,	2.7" x 4.5"	(69.85 x 114.3)
CS-36	CS-36/625	Hexacon® 8141, 8141C	Hexacon® 892A Holder, MV15/16,	2.25" x 3.5"	(57.2 x 89)
CS-40	CS-40/625	Edsyn Loner® RS-199	Holder SH-230	2.5" x 3.25"	(63.5 x 82.6)
CS-43	CS-43/625	Hakko® 926-029B	Holder 926, 700	1.75" x 4.25"	(44.5 x 101.6)
CS-44	CS-44/625	Hakko® 609-029,A-1042,Weller® TC-205, Ungar® 9904, 609, C-100	Hakko® Holder 631, 632, 607,	2.7" x 2.7"	(68.6 x 68.6)
CS-44M	CS-44M/625	Same as CS-44 but with multiple holes.		2.7" x 2.7"	(68.6 x 68.6)
CS-47	CS-47/625	Metcal® STSS-YS3, Ungar® 455, UTC234. STSS-WS5	Metcal® STSS-WS4, STDS-WS3,	2.1" x 3.2"	(53.3 x 81.3)

All sponges are shipped compressed in packs of 10 unless otherwise noted. All dimensions are measured in the dry, compressed state and are subject to manufacturing tolerances and sponge expansion tolerances.

Plato® Tip-Tin TT-95 Tip Tinner/Cleaner – LEAD FREE

Plato Tip-Tin: Tip Tinner / Cleaner – Lead Free

Plato's LEAD FREE Tip Tinner TT-95 is a fast, efficient, and safe means of re-tinning tips. This thermally-stable compound is residue-free, ESD and environmentally safe. A well-tinned soldering tip improves operator performance and satisfaction. Plato's Tip-Tin provides improved cleaning and re-tinning of highly oxidized soldering iron tips safely and efficiently.

- ✓ Lead Free
- ✓ Easy to Use
- ✓ ESD Safe
- ✓ Fast Response
- ✓ Environmentally Safe

Just wipe the oxidized soldering tip at normal soldering temperature into the tip tinner for a few seconds until the bright tinning surrounds the working end of the tip, then wipe the excess residue on a wet cellulose sponge - it's that easy! Plato Tip-Tin TT-95 is sealed in packs of 10. Samples available.

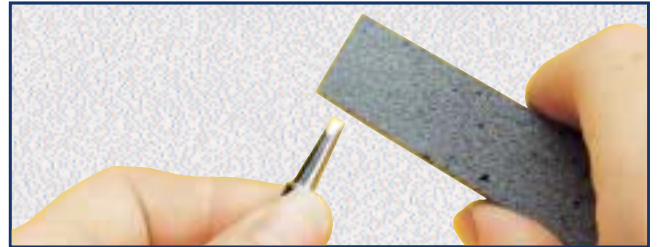


Tip-Tin TT-95 Tip Tinner/Cleaner

Tip Polishing Bar AB-3

You'll save money on soldering iron tips because you can use them longer. The inexpensive Plato® Polishing Bar restores detinned tips for additional service.

Normally, detinned tips (those unable to hold solder) are discarded. If the tips are not pitted or worn, buffing with the Plato® Polishing Bar will clean the tips and restore new life.



AB-3 Tip Polishing Bar

Plato® Desoldering Tip Cleaning Tool No. 01-50 NEW!

This handy maintenance tool is used to remove unwanted solder and flux "build-up" from desoldering tip ID's and from solder collector paths.

Just select the proper diameter rod from the Plato® tool and push out any unwanted loose particles or solder from the desolder tip or solder collector path. Proper daily maintenance of all desoldering equipment minimizes premature tip clogging and will ensure improved performance.

This tool may be used on all popular desoldering equipment such as Pace®, Weller®, Plato®, Air-Vac®, APE®, Hakko® and many others. The Plato® tool contains various tip cleaners from .020" (.5mm) to .065" (1.65mm) diameter.



Soldering Iron Holders & Tip Wipers

Plato® Soldering Iron Holders and Rotating Tip Wipers are designed so the soldering iron can be removed from the holder and the tip wiped on the sponge in one continuous time-saving motion. Heavy double spiral wire construction protects the operator and provides an inner spiral to retain the soldering iron securely. A bell shaped mouth guides the iron when it is being placed in the holder. Other features include heavy duty plated construction and non-skid feet. Holders fit most irons to 60 watt size.

Patented rotating tip wipers clean tips — without detinning — to assure clean, uniform solder joints. Rotation of the sponges during cleaning causes residues to drop into the base, keeping the sponges clean. Rotation also keeps the sponges uniformly wetted and prevents cratering and gouging. The heavy non-corrosive, non-skid porcelain base provides a large water reservoir and eliminates rusting and corrosion — a severe problem with metal bases. CS-7 Replacement Sponge Sets fit all tip wipers shown.

Make your soldering area efficient and safe with Plato® Soldering Iron Holders and Tip Wipers.



Plato® Plus Precision Tweezers with Exclusive Qintel® Alloy

Plato Plus® Tweezers provide a new level of shape retention, sensitivity and alignment because of the exclusive Qintel® Alloy Tips that are welded to the stainless steel body. Plato Plus® Tweezers are more durable than other tweezers and have a closure pressure designed for day-long user comfort and efficiency.

Plato Plus® Tweezers are anti-magnetic and have superior acid resistance.

Plato Plus® Tweezers flex and return to their original shape because of the exclusive Qintel® Alloy Tips welded to the stainless steel body.



Exclusive Qintel® Alloy Tips

Style	Part No.	Length	Tweezer Tip Drawing	Style	Part No.	Length	Tweezer Tip Drawing
1	TZO-200-1	4.75" (121)		5A	TZO-206-5A	4.75" (121)	
	General use, strong blades with fine points.				Fine strong points with angle for visibility.		
2	TZO-201-2	4.75" (121)		5F	TZO-207-5F	4.25" (108)	
	General use, blades taper from body, regular beveled points.				Extra fine points with long, sharply tapered blades.		
3	TZO-202-3	4.75" (121)		7	TZO-208-7	4.5" (114)	
	Assembly work, fine round points.				Assembly work, curved super fine rounded points.		
3C	TZO-203-3C	4.25" (108)		F	TZO-209-F	4.75" (121)	
	Assembly work, very fine round points like No. 3 but shorter.				Rounded flat tips for general use.		
4	TZO-204-4	4.25" (108)		SS	TZO-210-SS	5.4" (137)	
	Extra fine work, blades taper sharply to fine rounded points.				Extra long tweezers with fine points.		
5	TZO-205-5	4.25" (108)					
	Extra fine work, long blades taper sharply to super fine round points.						



Plato® 4-Star Precision Tweezers

Plato® 4-Star Precision Tweezers are Swiss made and designed for use in handling, assembling, adjustment and repair of electronic and other micro-miniature parts where firm yet delicate touch is required.

The stainless steel used in Plato® 4-Star Tweezers provides the best combination of anti-magnetic and acid resistant characteristics. Carefully controlled heat treatment assures durability of point and point alignment. And, all tweezers have a non-glare satin brushed finish.

Style	Part No.	Length	Tweezers Tip Drawing	Style	Part No.	Length	Tweezers Tip Drawing
1	TZF-400-1	4.75" (121)		5F	TZF-407-5F	4.25" (108)	
	General use, strong blades with fine points.				Extra fine points with long, sharply tapered blades.		
2	TZF-401-2	4.75" (121)		7	TZF-408-7	4.5" (114)	
	General use, blades taper from body, regular beveled points.				Assembly work, curved super fine pts.		
3	TZF-402-3	4.75" (121)		F	TZF-409-F	4.75" (121)	
	Assembly work, fine round points.				Rounded flat tips for general use.		
3C	TZF-403-3C	4.25" (108)		SS	TZF-410-SS	5.38" (137)	
	Assembly work, very fine round points like No. 3 but shorter.				Extra long tweezers with fine points.		
4	TZF-404-4	4.25" (108)		OO	TZF-411-OO	4.75" (121)	
	Extra fine work, blades taper sharply to fine rounded points.				Heavy duty, strong blades, tapered.		
5	TZF-405-5	4.25" (108)		AA	TZF-412-AA	5" (127)	
	Extra fine work, long blades taper sharply to super fine round points.				Same as OO but longer.		
5A	TZF-406-5A	4.75" (121)		MM	TZF-413-MM	5" (127)	
	Fine strong points with angle for visibility.				Assembly tweezers, extra long blades, fine beveled points.		




Plato® Precision Cutting Tweezer

Plato's Cutting Tweezer will cut wire, leads and other materials in restricted spaces. This tweezers is made of the finest stainless steel which assures the best combination of anti-magnetic and acid resistant characteristics.



TZF-414-15

FOAM CUSHION GRIPS OFFER COMFORT & CONTROL

- ◆ IMPROVES OPERATOR CONTROL
- ◆ ERGONOMICALLY DESIGNED
- ◆ REDUCES FATIGUE
- ◆ LIGHTWEIGHT – WELL BALANCED
- ◆ CLEAN ROOM SAFE – ESD SAFE 



STAINLESS STEEL ANTIMAGNETIC ACID RESISTANT MADE IN SWITZERLAND

Style 1



PART NUMBER TZS-500-1

Style 7



PART NUMBER TZS-508-7

Style 2A



PART NUMBER TZS-501-2A

Style AA



PART NUMBER TZS-512-AA

Style 3C



PART NUMBER TZS-502-3C

Style 00



PART NUMBER TZS-511-00

Style 5



PART NUMBER TZS-505-5

Style 15A -GW



PART NUMBER TZS-514-A GW

Weller®	Plato® Tip	Tip drawings are actual size.
PTA	C-3039	
PTB	C-3040	
PTC	C-3036	
PTD	C-1016	
PTE	C-1017	
PTF	C-893	
PTH	C-3100	
PTJ	C-3965	
PTK	C-3043	
PTL	C-3044	
PTM	C-3102	
PTO	C-4223	

Be sure to add temperature indicating number to Plato part number when ordering Plato® C-Tips.
 Use chart below, completing the part number by adding as the final digit one of the following numbers:
 6 (600°F/315°C) 7.5 (750°F/399°C) 9 (900°F/480°C)
 7 (700°F/370°C) 8 (800°F/425°C)

ATTENTION "NO CLEAN" FLUX USERS: The Plato 7.5 (750°F/399°C) temperature sensor is available on all C-series tips. The use of no-clean fluxes has introduced the risk of premature detinning of solder tips when exceeding temperatures of 750°F/399°C. To maximize your tip life, use Plato 7.5 Temperature Sensor when using no-clean fluxes and substantially reduce your risk of premature detinned tips.

Weller®	Plato® Tip	Tip drawings are actual size.
PTP	C-462	
PTQ	C-5101	
PTR	C-1021	
---	C-4794	
PTS	C-494	
PTT	C-4309	
PTX	C-9100	
PTZ	C-993	
PTAA	C-5139	
PTBB	C-5143	
PTCC	C-5141	
PTDD	C-5142	
---	C-0601	
NEW	PTMX C-0602	
---	C-0651	

Indicated temperature ranges are nominal and will vary according to style of tip, condition of iron, manner of use, and other variables. All dimensions are shown before tinning and are subject to manufacturing tolerances.

All points are 1/32" (0.8) thick unless otherwise noted.
 Tip samples available. Custom tip designs on request. () = mm

Weller®	Plato® Tip	Tip drawings are actual size.
ETA	EW-303	
ETB	EW-305	
ETC	EW-307	
ETD	EW-103	
---	EW-105	
ETH	EW-301	
ETJ	EW-302	
ETK	EW-304	
ETL	EW-306	
ETM	EW-308	
ETO	EW-404	
ETP	EW-403	
ET-JL	NEW EW-0939	
ET-SMD 2.5mm	NEW EW-0940	
ET-SMD 3.8mm	NEW EW-0941	

The interior surfaces of these tips are protected to prevent adhesion to the sensor. All dimensions are shown before tinning and are subject to manufacturing tolerances. All points are 1/32" (0.8) thick unless otherwise noted. Tip samples available. Custom tip designs on request. () = mm

Weller®	Plato® Tip	Tip drawings are actual size.
ETR	EW-101	
---	EW-4796	
ETS	EW-402	
ETT	EW-401	
ETBS	EW-405	
ETCS	EW-407	
ETDS	EW-409	
---	EW-511	
ETAA	EW-513	
ETBB	EW-515	
ETCC	EW-517	
ETDD	EW-519	
---	EW-0602	
ET-MX	NEW EW-0603	
---	EW-0574	

W eiler®	Plato®	Plato® Tip	Tip drawings are actual size.
ST-1	44-3870		<p>All points are 1/32" (0.8) thick unless otherwise noted. () = mm</p> <p>Tip samples are available. Custom tip designs on request.</p> <p>All dimensions are shown before tinning and are subject to manufacturing tolerances.</p>
ST-2	44-3871		
ST-3	44-3872		
ST-4	44-1312		
ST-6	44-3873		
ST-7	44-8182		
ST-8	41-1313		

W eiler®	Plato®	Plato® Tip	Tip drawings are actual size.
EPH101	RX-4762		<p> Typical Tip Drawing</p> <p>The interior surfaces of these tips are protected to prevent adhesion to the sensor.</p> <p>All points are 1/32" (0.8) thick unless otherwise noted. () = mm</p> <p>Tip samples are available. Custom tip designs on request.</p> <p>All dimensions are shown before tinning and are subject to manufacturing tolerances.</p>
EPH102	RX-402		
EPH103	RX-513		
EPH104	RX-404		
EPH105	RX-515		
EPH106	RX-306		
EPH107	RX-307		
EPH109	RX-409		
EPH110	RX-401		
EPH111	RX-4764		
EPH112	RX-4763		
---	RX-5567		
---	RX-5568		