

# NATIONAL TORCHES AND TIPS BY PREMIER INDUSTRIES

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## TORCHES & BLOWPIPES (PREMIX DESIGN) (Category A Items)

Part No.	Model No.	Description	List Price
34-90030	3A-B	Air / Gas Torch with 1/4" barbed hose connections & 4 1/2" elbow	151.23
34-90030-1	3A-B12	Air / Gas Torch with 1/4" barbed hose connections & 12" elbow	175.62
34-90030-2	3A-B8	Air / Gas Torch with 1/4" barbed hose connections & 8" elbow	171.40
34-90030-6	3A-B6ST	Air / Gas Torch with 1/4" barbed hose connections & 330-6S 6" straight tube	162.38
34-90033	3A-B3	Air / Gas Torch Kit: includes 3A-B Torch, 4 1/2" elbow, N-1 & N-2 Tips	223.28
34-90033-1	3A-B3-4	Air / Gas Torch Kit: includes 3A-B Torch, 4 1/2" elbow, N-1, N-2 & OX-4 Tips	246.87
34-90033-2	3A-BOX	Air / Gas Torch Kit: includes 3A-B Torch, 4 1/2" elbow, OX-1, OX-3 & OX-5 Tips	217.32
34-10137	3B-B	Air / Gas Torch with 9/16-18, 'B' threaded hose connections & 4 1/2" elbow	163.30
34-10137-1	3B-B3	Air / Gas Torch Kit: includes 3B-B Torch, 4 1/2" elbow, N-1 & N-2 Tips	234.07
34-10137-2	3B-B8	Air / Gas Torch with 9/16-18, 'B' threaded hose connections & 8" elbow	181.38
34-10137-3	3B-B30	Air / Gas Torch Kit: includes 3B-B Torch, 4 1/2" elbow, N-0 & N-2 Tips	231.44
34-10137-4	3B-B33	Air / Gas Torch Kit: includes 3B-B Torch, 4 1/2" elbow, N-0, N-1 & N-2 Tips	263.11
34-10137-5	3B-B12	Air / Gas Torch with 9/16-18, 'B' threaded hose connections & 12" elbow	185.27
34-10137-6	3B-B6ST	3B-B Torch with 6" Straight Elbow	178.57
34-10128	3C	Oxygen / Acetylene Torch with 3/8-24, 'A' threaded hose connections & 4 1/2" elbow	190.42
34-10099	3H	Hydrogen / Oxygen Torch with 3/8-24, 'A' threaded hose connections & 8" S.S. elbow	199.01
34-10099-0	3H-TO	Hydrogen / Oxygen Torch with 3/8-24, 'A' threaded hose connections (Torch only-no elbow)	182.45
34-10099-1	3H-4	Hydrogen / Oxygen Torch with 3/8-24, 'A' threaded hose connections & 4 1/2" S.S. elbow	190.42
34-10099-2	3H-12	Hydrogen / Oxygen Torch with 3/8-24, 'A' threaded hose connections & 12" S.S. elbow	214.12
34-02418	4B	Industrial Air / Gas Torch only with 1/4" barbed hose connections & 7" elbow	248.68
34-00004	4BT	Industrial Air / Gas Torch Kit: includes 4B Torch, 7" elbow & N-4 Tip	355.06
34-00006	6B	Bench Air / Gas Torch with 1/4" barbed hose connections & 4 1/2" plated elbow	183.14
34-00006-1	6BTC	Bench Air / Gas Torch with 3/8-24 UNF 'A' hose connections & 4 1/2" plated elbow	192.30
34-00006-2	6BTCH	Bench Hydrogen / Oxygen Torch with 3/8-24 UNF 'A' hose connections & 4 1/2" SS elbow	205.34
34-10037	7L	Air / Gas Lever Torch with 3/8" barbed hose connection (includes 373 Adapter)	166.71
34-10037-1	7LB	Air / Gas Lever Torch with 9/16-18, 'B' threaded connections (includes 373 Adapter)	178.25
34-10037-2	7L/N-2	7L lever valve torch w/N-2 tip & 373 adapter	199.76

## SURFACE MIX DESIGN TORCHES & TIPS (Category B Items)

Part No.	Model No.	Description	List Price
34-10377	5S	Surface Mix Hand Torch with 9/16-18, 'B' size threaded hose connections	230.71
34-10377L	5SL	same as 5S Surface Mix Hand Torch except for left handed operation	230.71
34-10377-1	5ST5	5S Surface Mix Hand Torch Kit: includes SM-5 Tip	339.19
34-10377L-1	5SLT5	5SL Surface Mix Hand Torch Kit: includes SM-5 Tip	339.19
34-10377-2	5ST7	5S Surface Mix Hand Torch Kit: includes SM-7 Tip	339.19

34-10377L-2	5SLT7	5SL Surface Mix Hand Torch Kit: includes SM-7 Tip	339.19
34-10377-4	5ST11	5S Surface Mix Hand Torch Kit: includes SM-11 Tip	358.57
34-10377L-4	5SLT11	5SL Surface Mix Hand Torch Kit: includes SM-11 Tip	358.57
34-10377-3	5ST21	5S Surface Mix Hand Torch Kit: includes SM-21 Tip	379.70
34-10377L-3	5SLT21	5SL Surface Mix Hand Torch Kit: includes SM-21 Tip	379.70
34-10294	7S	Surface Mix Hand Torch only	212.37
34-10294-1	7ST5	Surface Mix Hand Torch Kit: includes SM-5 Tip	322.63
34-10294-2	7ST7	Surface Mix Hand Torch Kit: includes SM-7 Tip	322.63
34-10294-5	7ST11	Surface Mix Hand Torch Kit: includes SM-11 Tip	342.45
34-10294-3	7ST21	Surface Mix Hand Torch Kit: includes SM-21 Tip	328.27
34-10294-4	7S-EX36	Surface Mix Hand Torch, Extra Long Reach Model (w/ 36" long oxy & gas tube extensions)	346.96
34-10159	8M	Combo Torch (uses surface or pre-mix tips: order tips and/or adapter separately)	267.69
34-10218-1	8MT5	Combo (Surface or Pre-mix) Torch Kit: includes SM-5 Tip	381.84
34-10218	8MT7	Combo (Surface or Pre-mix) Torch Kit: includes SM-7 Tip	381.84
34-10218-5	8MT11	Combo (Surface or Pre-mix) Torch Kit: includes SM-11 Tip	403.67
34-10218-3	8MT21	Combo (Surface or Pre-mix) Torch Kit: includes SM-21 Tip	423.67
34-10218-2	8MHT3	Combo (Surface of Pre-mix) Torch Kit: includes HT-3 Tip and PA-1 Adapter	388.82
34-10218-4	8MHTC1	Combo (Surface of Pre-mix) Torch Kit: includes HTC-1 Tip and PA-1 Adapter	379.96
34-10279	8R	Pre-mix Rider Torch that mounts on 8M Combo Torch	169.34
34-10220	PA-1	Adapter, Pre-mix Tips, for 8M Combo Torch	80.67
34-10274	SM-5	Tip, Surface Mix, Oxy/Fuel, Small (Ø.24" pattern, 6 fuel slots, 7 oxygen holes)	142.25
34-10251	SM-7	Tip, Surface Mix, Oxy/Fuel, Medium (Ø.32" pattern, 6 fuel slots, 19 oxygen holes)	142.25
34-10410	SM-11	Tip, Surface Mix, Oxy/Fuel, Large (Ø.40" pattern, 18 Ø.020 fuel holes, 25 Ø.036 oxy holes)	163.70
34-10169	SM-21	Tip, Surface Mix, Oxy/Fuel, X-Large (Ø.63" pattern, 8 fuel slots, 45 oxygen holes)	183.14
			0.00
			0.00

### CHARLEY'S GAS SAVER (Category "C" Items) (Distributor price is discounted by 20% only.)

Part No.	Model No.	Description	List Price
34-10497	CGS	Charley's Gas Saver Only	391.37
34-10498	7S/CGS	7S SURFACE MIX HAND TORCH WITH CHARLEY'S GAS SAVER	551.94
34-10499	5S/CGS	5S SURFACE MIX HAND TORCH WITH CHARLEY'S GAS SAVER	551.94
34-10482	3BB/CGS	3BB HAND TORCH WITH CHARLEY'S GAS SAVER	509.29
			0.00
			0.00

### PREMIX OXY / GAS TIPS (NATURAL GAS, PROPANE, BUTANE, HYDROGEN\* & ACETYLENE\*)

TIPS OX-00 THRU HTS-2 ALL USE NATURAL GAS, PROPANE & BUTANE.

HOWEVER, NOT ALL THE TIPS CAN SAFELY USE ACETYLENE & HYDROGEN

\*AH = ACETYLENE & HYDROGEN COMPATIBLE TIPS (Category A Items)

Part No.	Model No.	Description	List Price
34-00224	OX-00	Tip, single orifice, Ø.020" *AH	35.12
34-00225	OX-0	Tip, single orifice, Ø.032" *AH	34.18
34-00241	OX-1	Tip, single orifice, Ø.042" *AH	27.60
34-00242	OX-2	Tip, single orifice, Ø.055" *AH	23.21
34-00243	OX-3	Tip, single orifice, Ø.070" *AH	23.21
34-00244	OX-4	Tip, single orifice, Ø.082" *AH	23.21
34-00245	OX-5	Tip, single orifice, Ø.100" *AH	23.21
34-00248	OX-8	Tip, single orifice, Ø.159" *AH	34.18

34-10362-01	OX-42	Tip, Piloted, Ø.24" 21 orifice pilot circle with Ø.094" center orifice	38.82
34-10111	HTM-0	Tip, Multi Flame, Ø.031 X 7 orifices *A	64.10
34-00146	HTM-1	Tip, Multi Flame, Ø.040 X 9 orifices	64.10
34-00144	HTM-2	Tip, Multi Flame, Ø.048 X 9 orifices	64.10
34-00139	HTM-3	Tip, Multi Flame, Ø.055 X 9 orifices	64.10
34-10178	HT-0	Tip, Silent Burn, Ø.025 X 7 orifices *AH	65.86
34-10179	HT-1	Tip, Silent Burn, Ø.025 X 12 orifices *AH	65.86
34-10165	HT-2	Tip, Silent Burn, Ø.025 X 19 orifices *AH	75.39
34-10168	HT-3	Tip, Silent Burn, Ø.025 X 31 orifices *AH	87.30
34-10401	HT-4	Tip, Silent Burn, Ø.025 X 55 orifices	99.34
34-10374	HT-5	Tip, Silent Burn, Ø.025 X 61 orifices	118.66
34-10374-1	HT-5E	HT-5 Tip with 330-8 Elbow (8")	168.72
34-10227	HTC-0	HT-0 Tip with Ø.031 center orifice *AH	67.98
34-10226	HTC-1	HT-1 Tip with Ø.039 center orifice *AH	72.13
34-10280	HTC-2	HT-2 Tip with Ø.045 center orifice *AH	80.66
34-10280-1	HTC-3	HT-3 Tip with Ø.050 center orifice *AH	91.95
34-10402	HTC-4	HT-4 Tip with Ø.050 center orifice	108.38
34-10141	SOX-1	Tip, SS, single orifice, Ø.042" *AH	38.38
34-10142	SOX-2	Tip, SS, single orifice, Ø.055" *AH	31.99
34-10143	SOX-3	Tip, SS, single orifice, Ø.070" *AH	31.99
34-10144	SOX-4	Tip, SS, single orifice, Ø.082" *AH	31.99
34-10145	SOX-5	Tip, SS, single orifice, Ø.100" *AH	31.99
34-10147	HTS-0	Tip, Multi Flame, SS, Ø.032" x 7 orifices *AH	85.61
34-10148	HTS-1	Tip, Multi Flame, SS, Ø.040" x 9 orifices *AH	85.61
34-10149	HTS-2	Tip, Multi Flame, SS, Ø.048" x 9 orifices *AH	85.61
			0.00
			0.00

### ACETYLENE TIPS (PILOTED) SINGLE ORIFICE (Category A Items)

Part No.	Model No.	Description	List Price
34-10361-1	AG-1	Tip, Acetylene / Air, Ø.055 orifice	46.41
34-10361-2	AG-2	Tip, Acetylene / Air Ø.075 orifice	46.41

### AIR / GAS TIPS (NATURAL GAS OR PROPANE) (Category A Items)

Part No.	Model No.	Description	List Price
34-00288	200	Adapter (201 Tip to 3A-B Torch)	25.40
34-80250	201	Tip (for 5-B Ortho Torch)	83.80
34-00260	202	201 Tip & Adapter (for 3A & 3B Torch)	101.80
34-00100	N-0	Tip, Ø.625 w/ Ø.065 center hole (7/16-24 female connection)	39.95
34-00110	N-1	Tip, Ø.625 w/ Ø.095 center hole (7/16-24 female connection)	39.95
34-00120	N-2	Tip, Ø.75 w/ Ø.0156 center hole (7/16-24 female connection)	43.84
34-00130	N-3	Tip, Ø.875 w/ Ø.187 center hole (7/16-24 female connection)	83.42
34-00043	N-4	Tip, Ø1.125 w/ Ø.265 center hole (for 4B Industrial Torch -- 1/4" NPTF connection)	93.70
34-00070	N-4A	Tip, N-4 w/ 7/16-24 female connection (for Torches 3A & 3B or 7L w/ 373 Adapter)	93.70
34-00048	N-6	Tip, Ø1.375 w/ Ø.390 center hole (for manifold applications -- 3/8" NPTF connection)	112.02
34-00071	N-6A	Tip, N-6 w/ 1/4" NPTF connection (for 4B Industrial Torch)	112.02
34-00283	342	Adapter (N-4 Tip to Torches 3A-B & 3B-B -- 1/4" NPTM to 7/16-24 female)	19.69
34-00284	344	Adapter (N-6 Tip to 4B Industrial Torch -- 3/8" NPTM to 1/4" NPTF)	16.31

34-10086	346	Adapter (7/16-24 male to 1/4" NPTF)	19.44
34-10034	373	Adapter (N-series tips to Torches 7L Lever & AGF N-1 -- 7/16-24 male x 5/16-27 male)	19.44
34-10510	348	Adapter. Smith Little Torch tip to 3AB, 3BB, 6B, or 3H National Torches	33.60

### REPLACEMENT PARTS & ACCESSORIES (Category A Items)

Part No.	Model No.	Description	List Price
34-00355-2	330-2S	Elbow, 2", Complete† (standard for 8R Torch)	44.53
34-02339	330-AE	Elbow, 4 1/2", Complete† (standard for 3A & 3B Torches)	45.16
34-10131	330-C	Elbow, 4 1/2", Complete† (standard for 3C Torch)	50.18
34-10229	330-N2	Elbow, 4 1/2", Plated, Complete† (standard for 6B Torch)	50.18
34-01426	330-B	Elbow, 7" w/ 1/4" NPTM both ends (standard elbow for 4B Torch)	59.08
34-10100	330-SST	Elbow, 8", Stainless, Complete† (standard for 3H Torch)	78.15
34-10239	335A	Knob, Valve, Ø.75 Aluminum (Green), Air/Oxy (std. for 3A,3B,3C,3H,6B & 8R Torches)	8.47
34-10238	336A	Knob, Valve, Ø.75 Aluminum (Red), Fuel (std. for 3A, 3B, 3C, 3H, 6B & 8R Torches)	8.47
34-10356-2	8MG	Knob, Valve, Ø1.0 Aluminum (Green), Air/Oxy (standard for 7S, 5S & 8M Torches)	11.29
34-10356-1	8MR	Knob, Valve, Ø1.0 Aluminum (Red), Fuel (standard for 7S, 5S & 8M Torches)	11.29
34-10043	701	Lever, Air, for 7L Torch (Black)	10.66
34-10042	702	Lever, Fuel, for 7L Torch (Red)	10.66
34-01329	329	Nut, Elbow (for 3A, 3B Torch elbows)	9.79
34-10098	329P	Nut, Elbow, Nickel Plated (for all nickel plated & S.S. Torch elbows)	9.79
34-10225	R5209	O-Ring, Elbow (for 3A, 3B, 3C, 3H, 6B & 8R Torch elbows)	1.69
21-050087	R008	O-Ring, Mixer (for 3C & 3H Torch elbows)	1.69
21-020137	R013	O-Ring for PA-1, SM-5, SM-7, SM-11 and SM-21 Tips	1.69
21-021169	R116	O-Ring, Head Nut (for 8M Torch)	1.89
34-91331	331	Retaining Ring (elbow)	6.71
34-10249	207A	Valve Assembly, Oxygen (for 4B Torch)	55.94
34-10248	208F	Valve Assembly, Fuel (for 4B Torch)	55.94
34-10249-1	807	Valve Assembly, Oxygen (for 8M Torch) *	55.94
34-10248-1	808	Valve Assembly, Fuel (for 8M Torch) *	55.94
34-10030	703	Valve Assembly, Lever, Air (Black) - (for 7L Torch)	37.63
34-10031	704	Valve Assembly, Lever, Fuel (Red) - (for 7L Torch)	37.63
34-02335	334-VSG	Valve Stem Assembly, Air/Oxy (Green) - (standard for 3A, 3B Torches) *	31.67
34-02336	334-VSR	Valve Stem Assembly, Fuel (Red) - (standard for 3A, 3B Torches) *	31.67
34-02335-0	334-0	Valve Stem Assembly only, Air/Oxygen or Fuel - (standard for 3A, 3B Torches) **	31.67
34-10026	444-VSG	Valve Stem Assembly, Oxygen (Green) - (standard for 3H, 6B & 8R Torches) *	31.67
34-10033	444-VSR	Valve Stem Assembly, Fuel (Red) - (standard for 3H, 6B & 8R Torches) *	31.67
34-10366	807-1	Valve Stem Assembly, Air/Oxy (Green) - (standard for 8M Torch) *	33.80
34-10367	808-1	Valve Stem Assembly, Fuel (Red) - (standard for 8M Torch) *	33.80

\* w/ color anodized aluminum valve knob

\*\*Knob not included

### SPECIAL APPLICATION ELBOWS, TIPS AND ACCESSORIES (Category B Items)

Part No.	Model No.	Description	List Price
34-00357	330-AEST	Elbow, 4 1/2" Stainless, Complete† (for 3A-B Torch )	56.20
34-10100-1	330-4ST	Elbow, 4 1/2" Stainless, Complete† (for 3H Torch)	57.08
34-02339-1	330-6	Elbow, 6", Complete† (for 3A & 3B Torches)	49.30

34-10198	330-8	Elbow, 8", Complete† (for 3A & 3B Torches)	53.31
34-00357-1	330-8ST	Elbow, 8" Stainless, Complete† ( for 3A-B Torch)	79.97
34-10223	330-N8	Elbow, 8" Plated, Complete† (for 6B Torch)	59.15
34-00347	330-XE	Elbow, 12", Complete† (for 3A & 3B Torches)	67.11
34-00357-2	330-XEST	Elbow, 12" Stainless, Complete† (for 3A-B Torch )	109.76
34-10100-2	342-SST	Elbow, 12" Stainless, Complete† (for 3H Torch)	110.26
34-00351	330-16	Elbow, 16", Complete† (for 3A & 3B Torches)	78.40
34-00348	330-XL	Elbow, 18", Complete† (for 3A & 3B Torches)	87.18
34-00349	330-24	Elbow, 24", Complete† (for 3A & 3B Torches)	119.80
34-00350	330-36	Elbow, 36", Complete† (for 3A & 3B Torches)	135.23
34-00355	330-AS	Tube, 4 1/2" Straight, Complete† (for 3A & 3B Torches)	45.16
34-00355-1	330-6S	Tube, 6" Straight, Complete† (for 3A & 3B Torches)	49.30
34-10198-1	330-8S	Tube, 8" Straight, Complete† (for 3A & 3B Torches)	53.31
34-00356	330-XS	Tube, 12" Straight, Complete† (for 3A & 3B Torches)	67.11
34-00351-1	330-16S	Tube, 16" Straight, Complete† (for 3A & 3B Torches)	78.28
34-00348-1	330-XLS	Tube, 18" Straight, Complete† (for 3A & 3B Torches)	87.18
34-00349-1	330-24S	Tube, 24" Straight, Complete† (for 3A & 3B Torches)	119.80
34-00350-1	330-36S	Tube, 36" Straight, Complete† (for 3A & 3B Torches)	135.23
34-10348	TW-4	Head, Twin Flame, Staghorn Style, 5" Flex Tubes (for 3A, 3B & 6B Torches, order tips separately)	121.87
34-10348-1	TW-4H	Head, Twin Flame, Staghorn Style, 5" Flex Tubes (for 3C & 3H Torches, order tips separately)	123.94
34-10349	TW-8	Head, Twin Flame, Straight Style, 8" Flex Tubes (for 3A, 3B & 6B Torch, order tips separately)	121.87
34-10349-1	TW-8H	Head, Twin Flame, Straight Style, 8" Flex Tubes (for 3C & 3H Torch, order tips separately)	123.94
34-10186	TW-10	Head, Twin Flame, 90° Style, 12" Flex Tubes (for 3A, 3B & 6B Torch, order tips separately)	122.93
34-10186-1	TW-10H	Head, Twin Flame, 90° Style, 12" Flex Tubes (for 3C & 3H Torch, order tips separately)	125.32
34-10358	TC-3	Head, Triple Flame, "C" Style: Tips @ 60°, 180° & 300° (for 3A, 3B & 6B Torches, order tips separately)	213.25
34-10358-H	TC-3H	Head, Triple Flame, "C" Style: Tips @ 60°, 180° & 300° (for 3C & 3H Torches, order tips separately)	216.38
34-10399	TW-44	Head, Quad Flame, Staghorn Style, 5" Flex Tubes (for 3A, 3B & 6B Torches, order tips separately)	243.04
34-10091	TS191	Torch Holder (for type 3A, 3B, 3C & 3H Torches)	88.75
34-10430	TS195	Torch Holder (for type 5S Torches)	99.97
34-10190	RB-0	Tip, Acrylic Flame Polishing, 12 orifices in a row 3/4" long	118.92
34-10219-1	RB-22	Tip, Acrylic Flame Polishing, 29 orifices in two 2 1/8" long rows	148.65
34-10387	RB-43	Tip, Ribbon Burner, 80 orifices in three 4" long rows (for natural gas, propane & hydrogen only)	200.70
34-10207	RB-62	Tip, Ribbon Burner, 81 orifices in two 6" long rows (for natural gas, propane & hydrogen only)	202.90
34-10241	HPT-1	Tip, Acrylic Flame Hole Polishing, Ø1/4" X 11" (for 3H torch)	108.51
34-10241-1	HPT-1S	Tip, Acrylic Flame Hole Polishing, Ø1/4" X 5" (for 3H torch)	106.00
34-10321	P340	Tip, Heavy Duty, High Heat, Short Flame, Air / Fuel (1/4" NPTF connection)	58.45
34-00373	P540	Tip, Heavy Duty, Medium Heat, Air / Fuel (1/4" NPTF connection)	80.91
34-00374	P550	Tip, Heavy Duty, High Heat, Air / Fuel (1/4" NPTF connection)	92.20
34-10201	374	Extension / Adapter, 5" (1/4" NPTM to 7L Torch)	36.25
34-10201-2	375	Extension / Adapter, 3" (1/4" NPTM to 7L Torch)	31.99
34-10347	376	Extension, Elbow, 2" (for 3A & 3B Torches)	21.45
34-00299-1	ME-5S	Elbow, Miniature, Ø3/16" X 5" SS, Complete† (for 3A, 3B & 6B Torches)	85.55
34-00299-2	ME-7S	Elbow, Miniature, Ø3/16" X 7.5" SS, Complete† (for 3A, 3B & 6B Torches)	89.38
34-00299-3	ME-10S	Elbow, Miniature, Ø3/16" X 10" SS, Complete† (for 3A, 3B & 6B Torches)	96.59
34-00299-11	ME-16S	Elbow, Miniature, Ø3/16" X 16" SS, Complete† (for 3A, 3B & 6B Torches)	104.31
34-00299-4	MS-5S	Tube, Straight, Miniature, Ø3/16" X 5" SS, Complete† (for 3A, 3B & 6B Torches)	85.55
34-00299-5	MS-7S	Tube, Straight, Miniature, Ø3/16" X 7.5" SS, Complete† ( for 3A, 3B & 6B Torches)	89.38
34-00299-6	MS-10S	Tube, Straight, Miniature, Ø3/16" X 10" SS, Complete† for 3A, 3B & 6B Torches)	96.59

34-00299-12	MS-16S	Tube, Straight, Miniature, Ø3/16" X 16" SS, Complete† (for 3A, 3B & 6B Torches)	104.31
34-00300-1	MEH-5S	Elbow, Miniature, Ø3/16" X 5" SS, Complete† (for 3C & 3H Torches)	85.55
34-00300-2	MEH-7S	Elbow, Miniature, Ø3/16" X 7.5" SS, Complete† (for 3C & 3H Torches)	89.38
34-00300-3	MEH-10S	Elbow, Miniature, Ø3/16" X 10" SS, Complete† (for 3C & 3H Torches)	96.59
34-00300-11	MEH-16S	Elbow, Miniature, Ø3/16" X 16" SS, Complete† (for 3C & 3H Torches)	104.31
34-00300-4	MSH-5S	Tube, Straight, Miniature, Ø3/16" X 5" SS, Complete† (for 3C & 3H Torches)	88.44
34-00300-5	MSH-7S	Tube, Straight, Miniature, Ø3/16" X 7.5" SS, Complete† (for 3C & 3H Torches)	92.20
34-00300-6	MSH-10S	Tube, Straight, Miniature, Ø3/16" X 10" SS, Complete† (for 3C & 3H Torches)	99.34
34-00300-7	MSH-13S	Tube, Straight, Miniature, Ø3/16" X 13" SS, Complete† (for 3C & 3H Torches)	104.99
34-00300-12	MSH-16S	Tube, Straight, Miniature, Ø3/16" X 16" SS, Complete† (for 3C & 3H Torches)	107.00
34-00300-8	MSH-30S	Tube, Straight, Miniature, Ø3/16" X 30" SS, Complete† (for 3C & 3H Torches)	146.14
34-10314-2	MSOX-0	Tip, Miniature SS, single orifice, Ø.020" (requires ME, MS, MEH, MSH elbow/tube) *AH	31.36
34-10314-3	MSOX-1	Tip, Miniature SS, single orifice, Ø.030" (requires ME, MS, MEH, MSH elbow/tube) *AH	26.72
34-00298-2	MSOX-2	Tip, Miniature SS, single orifice, Ø.050" (requires ME, MS, MEH, MSH elbow/tube) *AH	26.72
34-00298-3	MSOX-3	Tip, Miniature SS, single orifice, Ø.062" (requires ME, MS, MEH, MSH elbow/tube) *AH	26.72
34-00298-4	MSOX-4	Tip, Miniature SS, single orifice, Ø.075" (requires ME, MS, MEH, MSH elbow/tube) *AH	26.72
34-00298-5	MSOX-5	Tip, Miniature SS, single orifice, Ø.100" (requires ME, MS, MEH, MSH elbow/tube) *AH	26.72
34-10491-M1	M1 Rose	Mini Rose piloted tip .020" center orifice. (requires ME, MS, MEH, MSH elbow/tube) *AH	34.25
34-10491-M2	M2 Rose	Mini Rose piloted tip .035" center orifice. (requires ME, MS, MEH, MSH elbow/tube) *AH	34.25
34-10318-3	MM-4-0	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 4", .020 ID, Complete† (for 3A & 3B Torches) *A	89.38
34-10318-4	MM-9-0	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 9", .020 ID, Complete† (for 3A & 3B Torches) *A	93.77
34-10318-5	MM-4-1	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 4", .030 ID, Complete† (for 3A & 3B Torches) *A	94.08
34-10318-6	MM-9-1	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 9", .030 ID, Complete† (for 3A & 3B Torches) *A	94.08
34-10323-3	MMH-4-0	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 4", .020 ID, Complete† (for 3C & 3H Torches) *A	96.59
34-10323-4	MMH-9-0	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 9", .020 ID, Complete† (for 3C & 3H Torches) *A	100.98
34-10323-5	MMH-4-1	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 4", .030 ID, Complete† (for 3C & 3H Torches) *A	96.59
34-10323-6	MMH-9-1	Elbow/Tip, SS Micro-Mini Formable Tube, Ø.060 X 9", .030 ID, Complete† (for 3C & 3H Torches) *A	93.21

†Complete: includes elbow nut, O-ring(s) & retaining ring

\*AH = ACETYLENE & HYDROGEN COMPATIBLE TIPS

### GAS SAVERS (Category C Items)

Part No.	Model No.	Description	List Price
34-00280-1	W101	Gas Saver (for acetylene service)	459.20
34-00280-3	W103	Gas Saver (for propane or natural gas; supply pressure less than 2 psig)	532.56
34-00280-4	W104	Gas Saver (for propane or natural gas; supply pressure greater than 2 psig)	644.00

### HOSES AND FITTINGS (Category C Items)

Part No.	Model No.	Description	List Price
34-31099	CT-6-4	1/4" Twin hose set (grade T), 6 ft. long with 9/16-18, 'B' size fittings (female) one end	42.34
34-31098	CT-12-4	1/4" Twin hose set (grade T), 12 ft. long with 9/16-18, 'B' size fittings (female) one end	58.71
34-31098-1	CT-25-4	1/4" Twin hose set (grade T), 25 ft. long with 9/16-18, 'B' size fittings (female) one end	70.00
34-10138	CT-6-4BB	1/4" Twin hose set (grade T), 6 ft. long with 9/16-18, 'B' fittings (female) both ends	52.06
34-10139	CT-12-4BB	1/4" Twin hose set (grade T), 12 ft. long with 9/16-18, 'B' fittings (female) both ends	65.35
34-10139-1	CT-25-4BB	1/4" Twin hose set (grade T), 25 ft. long with 9/16-18, 'B' fittings (female) both ends	76.32
34-10101	CT-6-6	3/8" Twin hose set (grade T), 6 ft. long with 9/16-18, 'B' fittings (female) one end	50.05

34-10102	CT-12-6	3/8" Twin hose set (grade T), 12 ft. long with 9/16-18, 'B' fittings (female) one end	65.48
34-10106	CT-6-3AB	3/16" Twin hose set (grade T), 6 ft. long with 3/8-24 'A' & 9/16-18 'B' fittings (female)	68.99
34-10107	CT-12-3AB	3/16" Twin hose set (grade T), 12 ft. long with 3/8-24 'A' & 9/16-18 'B' fittings (female)	83.24
34-10107-1	CT-25-3AB	3/16" Twin hose set (grade T), 25 ft. long with 3/8-24 'A' & 9/16-18 'B' fittings (female)	114.91
34-10289	CTM-ABB	8M & 8R Rider Torch manifold hose connection	81.54
34-00358	105P	Adapter, Oxygen: 9/16-18 'B' male to 3/8-24 'A' female (connects 'B' hose to 'A' Torch)	13.80
34-00359	106P	Adapter, Fuel: 9/16-18 LH 'B' male to 3/8-24 LH 'A' female (connects 'B' hose to 'A' Torch)	13.80
34-00380	107P	Adapter, Oxygen, 90°: 9/16-18 'B' female to 1/4 NPT male	21.01
34-00380-1	108P	Adapter, Fuel, 90°: 9/16-18 LH 'B' female to 1/4 NPT male	21.01
34-00360	14-OP	Adapter, Oxygen, Swivel Nut: 3/8-24 'A' female to 1/4" hose barb	11.29
34-00361	14P	Adapter, Fuel, Swivel Nut: 3/8-24 LH 'A' female to 1/4" hose barb	11.29
34-00362	717	Adapter Nut, Oxygen: 9/16-18 'B' female to 1/4" hose barb	5.33
34-00363	817	Adapter Nut, Fuel: 9/16-18 LH 'B' female to 1/4" hose barb	5.33
34-03718	718	Adapter Nut, Oxygen: 9/16-18 'B' female to 3/16" hose barb	5.33
34-03818	818	Adapter Nut, Fuel: 9/16-18 LH 'B' female to 3/16" hose barb	5.33
34-00364	815	Ferrule, Brass: for 1/4" I.D. Grade T welding hose	1.57
34-00375	30P	Nipple, Hex, Oxygen: 9/16-18 'B' male to 9/16-18 'B' male (connects 'B' hose to 'B' hose)	5.33
34-00375-1	31P	Nipple, Hex, Fuel: 9/16-18 'B' LH male to 9/16-18 'B' LH male (connects 'B' hose to 'B' hose)	5.33
34-00365	32P	Nipple, Hex, Oxygen: 9/16-18 'B' male to 1/4 NPT male	5.33
34-00366	33P	Nipple, Hex, Fuel: 9/16-18 LH 'B' male to 1/4 NPT male	5.33
34-00365-1	125P	Nipple, Hex, Oxygen RH A-Size Female Swivel to 1/4 NPT male	5.33
34-00366-1	126P	Nipple, Hex, Gas LH A-Size Female Swivel to 1/4 NPT Male	5.33
50-10164	136P	Nipple, Hex, Oxygen: 9/16-18 'B' male to 1/4 NPT male	5.33
50-10165	137P	Nipple, Hex, Fuel: 9/16-18 LH 'B' male to 1/4 NPT male	5.33
34-00270	CV61P	Check Valve Set, regulator style, both fuel and oxygen	32.61
34-00272	FA-30P	Flash Back Arrestor Set, regulator style, both fuel and oxygen	111.33
34-00101	Y-O	"Y" connection without valve - Oxygen - 'B' male to 'B' female	37.63
34-00102	Y-F	"Y" connection without valve - Fuel - 'B' male to 'B' female	37.63
34-00111	Y-OV	"Y" connection with valve - Oxygen - 'B' male to 'B' female	59.58
34-00112	Y-FV	"Y" connection with valve - Fuel - 'B' male to 'B' female	59.58
34-00277	QDB10P	Quick Change Hose Connector Set - Torch to Hose	101.29
34-00278	QDB20P	Quick Change Hose Connector Set - Hose to Hose	101.29
34-00279	QDB30P	Quick Change Hose Connector Set -Regulator to Hose	101.29

**RECONDITIONED PRODUCTS (when available; exchange unit required)**

Part No.	Model No.	Description	List Price
34-90030R	3A-BR	Reconditioned 3A-B Torch with exchange	106.40
34-10137R	3B-BR	Reconditioned 3B-B Torch with exchange	108.64

**PRESSURE REDUCING REGULATORS (Category B Items)**

Part No.	Model No.	Description	List Price
50-10192	2500.510	Regulator, Fuel Gas, with 0-400 PSIG inlet gauge, 0-30 PSIG outlet gauge and CGA 510 connection	125.13
50-10192-06	2500.510HI	Regulator, Fuel Gas, with 0-400 PSIG inlet gauge, 0-60 PSIG outlet gauge and CGA 510 connection	128.02
50-10192-07	<b>2500.510HI50</b>	Regulator, Fuel Gas, with 0-400 PSIG inlet gauge, 0-100 PSIG outlet gauge and CGA 510 connection	133.09

50-10187	2500.540	Regulator, Oxygen, with 0-4000 PSIG inlet gauge, 0-60 PSIG outlet gauge, relief valve and CGA 540 connection	133.09
50-10187-04	2500.540L	Regulator, Oxygen, with 0-4000 PSIG inlet gauge, 0-30 PSIG outlet gauge, relief valve and CGA 540 connection	136.54
50-10187-06	2500.540HI	Regulator, Oxygen, with 0-4000 PSIG inlet gauge, 0-100 PSIG outlet gauge, relief valve and CGA 540 connection	133.16
50-10187-07	2500.540HI100	Regulator, Oxygen, with 0-4000 PSIG inlet gauge, 0-160 PSIG outlet gauge, relief valve and CGA 540 connection	134.28
50-10196	2500.350	Regulator, Hydrogen, with 0-4000 PSIG inlet gauge, 0-60 PSIG outlet gauge, relief valve and CGA 350 connection	133.16
50-10233	4500.540	Regulator, Oxygen, Two Stage, with 0-4000 PSIG inlet gauge, 0-100 PSIG outlet gauge, relief valve and CGA 540 connection	269.82
50-10338	4500.350	Regulator, Hydrogen, Two Stage, with 0-4000 PSIG inlet gauge, 0-100 PSIG outlet gauge, relief valve and CGA 350 connection	269.82
50-10167	2300.510	Regulator, Fuel, Low Cost, with 0-400 PSIG inlet gauge, 0-30 PSIG outlet gauge and CGA 510 connection	99.29
50-10167-01	2300.LO	Regulator, Oxygen Line, with 30 PSIG outlet gauge and 1/4 NPTF connection	83.73
50-10167-03	2300.LO-1	Regulator, Oxygen Line, with 60 PSIG outlet gauge and 1/4 NPTF connection	83.73
50-10167-02	2300.LF	Regulator, Fuel Line, with 30 PSIG outlet gauge and 1/4 NPTF connection	83.73
50-10167-04	2300.LF w/ad	Regulator, Fuel Line, with 30 PSIG outlet gauge and 1/4 NPTF connection. Bushing Factory installed	94.90
50-10167-05	2300.LO1w/ad	2300.LO-1 Regulator, Oxygen Line, with 60 PSIG outlet gauge, 1/4 NPTF connection, Bushing Factory Installed	94.90
50-10167-06	2300.LO-2	2300.LO-2 Regulator, Oxygen with 0-100 PSIG outlet gauge, 1/4 NPTF connection.	83.73
50-10167-07	2300.LO2 w/ad	2300.LO-2 Regulator, Oxygen with 0-100 PSIG outlet gauge, 1/4 NPTF connection. Bushing Factory installed	94.90
			0.00

### COMPLETE TORCH KITS (Category C Items)

Part No.	Model No.	Description	List Price
34-00080	3BAK	Air / Gas Torch Kit: Includes 3B-B3 torch and tips kit (N-2 and N-3), CT-12-4BB hose kit, 2500.510 fuel regulator and CV61P regulator style check valve set	394.51
34-00081	3BOK	Oxygen / Fuel Torch Kit: Includes 3B-B torch, OX-2 and HTC-1 tips, CT-12-4BB hose kit, 2500.510 fuel regulator, 2500.540 oxygen regulator and CV61P regulator style check valve set	542.40
34-00082	3HFK	Flame Polishing Kit: Includes 3H hydrogen torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, RB-22 (2") ribbon tip and RB-0 (3/4") ribbon tip	810.15
34-00082-1	3HFK1	Flame Polishing Kit: Includes 3H hydrogen torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, RB-0 (3/4") ribbon tip, OX-2 tip & HT-1 tip	743.11
34-00082-2	3HAK	Flame Polishing Kit: Includes 3H hydrogen torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, & HT-3 tip	676.56
34-00082-3	3HFKO	Flame Polishing Kit: Includes 3H hydrogen torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, OX-1 and OX-2 tips	648.14



34-00082-4	3HTC3	3H Hydrogen/Oxygen torch, CT-12-3AB Hose Kit, 2500-350 Hydrogen Regulator, 2500-540 Oxygen regulator, FA-30P Flame arrestor set, TC-3H triple tip head, and 3 Ox-2 tips	737.40
34-00082-5	3HFK2	Flame Polishing Kit: Includes 3H hydrogen torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, OX-2 tip and HT-1 tip	656.05
34-00082-6	6BHAK	Flame Polishing Kit: Includes 6BTCH hydrogen bench torch, CT-12-3AB hose kit, 2500.350 hydrogen regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, OX-2 tip and HT-1 tip	691.05
34-00083	8MK	Surface Mix Glass Kit: Includes 8M Combo torch, SM7 surface mix tip, CT-12-4BB hose kit, 2500.510 fuel regulator, 2500.540 oxygen regulator and CV61P regulator style check valve set	684.78
34-00084	3BFK	Flame Polishing Kit: Includes 3B-B torch, CT-12-4BB hose kit, 2500.510 fuel regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, RB-22 (2") ribbon tip and RB-0 (3/4") ribbon tip	774.59
34-00085	3BFK2	Flame Polishing Kit: Includes 3B-B torch, CT-12-4BB hose kit, 2500.510 fuel regulator, 2500.540 oxygen regulator, FA-30p flame arrestor set, TW-10 Twin Flame 90° Head w/ 12" flex tubes and two HT-2 Multi-Flame tips	778.74

Ø = Outside Diameter

ID = Inside Diameter

SS = Stainless Steel

NPTF = American National Standard Taper Pipe Threads, Female

NPTM = American National Standard Taper Pipe Threads, Male

Effective: 12/1/2024

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