

BRAZING, SOLDERING & WELDING EQUIPMENT



Welding/Brazing Outfits



PART NO	VENDOR PART NO	HANDLE	CUTTING ATTACHMENT	CUTTING TIP	BRAZING TIP/ NOZZLE	TANK KEY	CARRYING STAND	OXYGEN CYL	FUEL CYL	OXYGEN REG	FUEL REG	HOSE	GOGGLES	ACETYLENE CHK VALVE	OXYGEN CHK VALVE	STRIKER
87-K23	K23	87-71	Not Included	Not Included	87-TYPE17#0 87-TYPE17#2	Included	Not Included	Not Included	Not Included	87-RO	87-RMC2	87-H32A	Included	Not Included	Not Included	87-FL34
87-K23C	K23C	87-71	Not Included	Not Included	87-TYPE17#0 87-TYPE17#2	Included	87-500S	Not Included	Not Included	87-RO	87-RMC2	87-H32A	Included	Not Included	Not Included	87-FL34
87-K23P	K23P	87-71	Not Included	Not Included	87-TYPE17#0 87-TYPE17#2	Included	87-511	Not Included	Not Included	87-RO	87-RMC2	87-H32A	Included	Not Included	Not Included	87-FL34



Welding/Brazing Outfits – Cap'n Hook



PART NO	VENDOR PART NO	HANDLE	CUTTING ATTACHMENT	CUTTING TIP	BRAZING TIP/ NOZZLE	TANK KEY	CARRYING STAND	OXYGEN CYL	FUEL CYL	OXYGEN REG	FUEL REG	HOSE	GOGGLES	ACETYLENE CHK VALVE	OXYGEN CHK VALVE	STRIKER
87-K22C	K22C	87-71	Not Included	Not Included	87-TYPE#2	Included	87-500S	Not Included	Not Included	87-RO	87-RMC2	87-H32A	Included	Not Included	Not Included	87-FL34



Welding/Brazing/Cutting Outfits



PART NO	VENDOR PART NO	HANDLE	CUTTING ATTACHMENT	CUTTING TIP	BRAZING TIP/ NOZZLE	TANK KEY	CARRYING STAND	OXYGEN CYL	FUEL CYL	OXYGEN REG	FUEL REG	HOSE	GOGGLES	ACETYLENE CHK VALVE	OXYGEN CHK VALVE	STRIKER
87-KL71-4	KL71-4	87-71	Included	Included	87-TYPE17#0 87-TYPE17#1 87-TYPE17#2	Included	Not Included	Not Included	Not Included	87-RO	87-RMC2	87-H32A	Included	Not Included	Not Included	87-FL34
87-KLC100P	KLC100P	87-71	Included	Included	87-TYPE17#0 87-TYPE17#2	Included	87-511	Not Included	Not Included	Included	Included	87-H32A	Included	Not Included	Not Included	87-FL34

BRAZING, SOLDERING & WELDING EQUIPMENT



Welding/Brazing/ Cutting Outfits



PART NO	VENDOR PART NO	HANDLE	CUTTING ATTACHMENT	CUTTING TIP	BRAZING TIP/ NOZZLE	TANK KEY	CARRYING STAND	OXYGEN CYL	FUEL CYL	OXYGEN REG	FUEL REG	HOSE	GOGGLES	ACETYLENE CHK VALVE	OXYGEN CHK VALVE	STRIKER
0386-1320	CST-P	Included	Not Included	Not Included	0387-0040 0387-0042	Not Included	Included (MC & R)	Not Included	Not Included	Included	Included	0386-1094	Included	Included	Included	Included
0386-1321	CST-PT	Included	Not Included	Not Included	0387-0040 0387-0042	Included	Included (MC & R)	Type R	Type MC	Included	Included	0386-1094	Included	Included	Included	Included
0386-1322	CST-CP	Included	Included	Included	0387-0040 0387-0042	Not Included	Included (MC & R)	Not Included	Not Included	Included	Included	0386-1094	Included	Included	Included	Included
0386-1323	CST-CPT	Included	Included	Included	0387-0040 0387-0042	Included	Included (MC & R)	Type R	Type MC	Included	Included	0386-1094	Included	Included	Included	Included
0386-1324	CST-CM	Included	Included	Included	0387-0040 0387-0042	Not Included	Included (MC & R)	Not Included	Not Included	Included	Included	0386-1094	Included	Included	Included	Included
0386-1325	CST-150C	Included	Included	Included	0387-0040 0387-0042	Not Included	Not Included	Not Included	Not Included	Included	Included	0386-1094	Included	Included	Included	Included
0386-1326	CST-150	Included	Included	Included	0387-0040 0387-0042	Not Included	Not Included	Not Included	Not Included	Included	Included	0386-1094	Included	Included	Included	Included

Torch Kits – Uniweld

87-89600 (89600) Air/Acetylene Torch Kit



PART NO	VENDOR PART NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
87-89600	89600	3	1-5/8	87-TH6	87-H12	87-RB	87-A-3 87-A-11	RB

Torch Kits – TurboTorch

0386-0335 (X-3B) Air/Acetylene Torch Kit



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0335	X-3B	3	1-5/8	0386-0308	0386-1090	0386-0725	0386-0101 0386-0104	B

BRAZING, SOLDERING & WELDING EQUIPMENT

Torch Kits – TurboTorch



0386-0336 (X-4B) Air/Acetylene Torch Kit



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0336	X-4B	3-1/2	2	0386-0308	0386-1090	0386-0725	0386-0102 0386-0105	B



0386-0338 (X-5B) Air/Acetylene Torch Kit



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0338	X-5B	1-1/2	3/4	0386-0308	0386-1090	0386-0725	0386-0102	B



0386-0339 (X-6MC) Air/Acetylene Torch Kit



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0339	X-6MC	2	1	0386-0308	0386-1090	0386-0726	0386-0101 0386-0103	MC



0386-0832 (PL-5ADLX-MC) Air/Acetylene Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0832	PL-5ADLX-MC	1-1/2	3/4	0386-0308	0386-1090	0386-0726	Self-Igniting 3/16 in.	MC



0386-0833 (PL-5ADLX-B) Air/Acetylene Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0833	PL-5ADLX-B	1-1/2	3/4	0386-0308	0386-1090	0386-0725	Self-Igniting 3/16 in.	B

BRAZING, SOLDERING & WELDING EQUIPMENT

Torch Kits – TurboTorch



0386-0834 (PL-8ADLX-MC) Air/Acetylene Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0834	PL-8ADLX-MC	2	1	0386-0308	0386-1090	0386-0726	Self-Igniting 5/16 in.	MC



0386-0835 (PL-8ADLX-B) Air/Acetylene Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0835	PL-8ADLX-B	2	1	0386-0308	0386-1090	0386-0725	Self-Igniting 5/16 in.	B



0386-0836 (PL-12ADLX-B) Air/Acetylene Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0836	PL-12ADLX-B	3-1/2	2	0386-0308	0386-1090	0386-0725	Self-Igniting 3/8 in.	B



0426-0011 (TDLX2003) Air/Acetylene Torch Kit w/Carrying Stand – Self-Igniting



Includes carrying stand 1421-0035.

PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0426-0011	TDLX2003	2	1/2 to 1	0386-0308	0386-1090	0386-0726	Self-Igniting 0386-0103	MC



0386-0574 (TDLX2003B) Air/Acetylene Torch Kit w/Carrying Tote – Self-Igniting



PART NO	VENDOR REF NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	HANDLE	HOSE	REGULATOR	INCLUDES TIP	TANK CONNECTION
0386-0574	TDLX2003B	1/4 to 2	1/8 to 1	0386-0308	0386-1090	0386-0725	Self-Igniting 0386-0101	B

BRAZING, SOLDERING & WELDING EQUIPMENT

Hand Torch Kits – Uniweld



Propane/MAPP Hand Torch Kit



PART NO	VENDOR PART NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP SILVER BRAZE, COPPER TUBE SIZE (IN)
87-RP3T5	RP3T5	Up to 1	Up to 5/8	Up to 1-1/2	Up to 7/8



Propane/MAPP Hand Torch Kit – Self-Igniting

PART NO	VENDOR PART NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP SILVER BRAZE, COPPER TUBE SIZE (IN)
87-RP3T6	RP3T6	Up to 1	Up to 5/8	Up to 1-1/2	Up to 7/8

Hand Torch Kits – TurboTorch

0386-0403 (STK-9) Propane/MAPP Hand Torch Kit



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-0403	STK-9	1/4 to 3	1/4 to 1	1/4 to 3-1/2	1/4 to 1-3/4	0386-0171

0386-0575 (STK-31) Propane/MAPP Hand Torch Kit



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-0575	STK-31	Up to 3	Up to 1	Up to 3-1/2	Up to 1-3/4	0386-0170 0386-0171

0386-1283 (STK-11) Propane/MAPP Hand Torch Kit – Double Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
386-1283	STK-11	1 to 4	1/2 to 2	1-1/2 to 2	3/4 to 3	0386-1282

BRAZING, SOLDERING & WELDING EQUIPMENT

Hand Torch Kits – TurboTorch



0386-0851 (STK-99) Propane/ MAPP Hand Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-0851	STK-99	1/4 to 3	1/4 to 1	1/4 to 3-1/2	1/4 to 1-3/4	0386-0850



0386-1293 (TX504) Propane/ MAPP Hand Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-1293	TX504	3/4 to 3	1/4 to 1	3/4 to 4	1/4 to 1-1/4	0386-1296



0386-1297 (TX503) Propane/ MAPP Hand Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-1297	TX503	1/8 to 2	1/16 to 3/4	1/8 to 3	1/16 to 1	0386-1298



0386-1299 (TX500) Propane/ MAPP Hand Torch Kit – Self-Igniting



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)	INCLUDES TIP
0386-1299	TX500	1/8 to 3	1/16 to 1	1/8 to 4	1/16 to 1-1/4	0386-1296

Hand Torch Propane/MAPP Tips



0386-0170 (ST-1) Propane/MAPP Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-0170	ST-1	1/8 to 1/2	1/8 to 3/8	1/8 to 3/4	1/8 to 1/2

BRAZING, SOLDERING & WELDING EQUIPMENT

Hand Torch Propane/MAPP Tips



0386-0171 (ST-3) Propane/MAPP Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-0171	ST-3	1/4 to 3	1/4 to 1	1/4 to 3-1/2	1/4 to 1-3/4



0386-1282 (ST-11) Propane/MAPP Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-1282	ST-11	1 to 4	1/2 to 2	1-1/2 to 6	3/4 to 3



0386-1296 (T-504) Propane/MAPP Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-1296	T-504	3/4 to 3	1/4 to 1	3/4 to 4	1/4 to 1-1/4



0386-1298 (T-503) Propane/MAPP Tip



PART NO	VENDOR REF NO	PROPANE, SOFT SOLDER, COPPER TUBE SIZE (IN)	PROPANE, SILVER BRAZE, COPPER TUBE SIZE (IN)	MAPP, SOFT SOLDER, COPPER TUBE SIZE (IN)	MAPP, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-1298	T-503	1/8 to 2	1/16 to 3/4	1/8 to 3	1/16 to 1



Oxy/Acetylene Brazing Nozzles



PART NO	TIP SIZE (IN)	OXY/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	USED WITH HANDLE
0387-0039	00	1/8 to 3/4	0386-0311
0387-0040	0	1/4 to 1	0386-0311
0387-0041	1	1/4 to 1-1/4	0386-0311
0387-0042	2	1/2 to 1-1/2	0386-0311
0387-0043	3	3/4 to 1-3/4	0386-0311
0325-0087	4	3/4 to 2	0386-0311

BRAZING, SOLDERING & WELDING EQUIPMENT

Acetylene Tips – Uniweld



Acetylene Twister Tips



PART NO	VENDOR PART NO	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
87-A-3	A-3	Up to 1	Up to 1/2
87-A-5	A-5	3/4 to 1-1/2	1/4 to 3/4
87-A-8	A-8	1 to 2	1/2 to 1
87-A-11	A-11	1-1/4 to 3	7/8 to 1-5/8



Type 17 Weld/Braze Tips



PART NO	VENDOR PART NO	OXY/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)	WELDING MATERIAL THICKNESS (IN)
87-TYPE17#0	TYPE 17#0	1/2	5/64
87-TYPE17#2	TYPE 17#2	1	1/8
87-TYPE17#3	TYPE 17#3	1-1/2	3/16
87-TYPE17#4	TYPE 17#4	2	1/4



Micro 6000 Miniature Tips



PART NO	VENDOR PART NO	OXY/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
87-MTW#2	MTW#2	Up to 1



Cap'n Hook Tips



PART NO	VENDOR PART NO	OXY/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
87-MTF#2	MTF#2	Up to 7/8
87-MTF#3	MTF#3	7/8 to 1-5/8



Rosebud Heating Tips



PART NO	VENDOR PART NO	OXY/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
87-TYPE17#15	TYPE 17#15	1/8 to 2-5/8
87-TYPE17-30	TYPE 17#30	1/2 to 6

BRAZING, SOLDERING & WELDING EQUIPMENT

Acetylene Tips – TurboTorch



Extreme Standard Tips



PART NO	VENDOR REF NO	TIP SIZE (IN)	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-0100	A-2	1/8	1/8 to 1/2	1/8 to 1/4
0386-0101	A-3	3/16	1/4 to 1	1/8 to 1/2
0386-0102	A-5	1/4	3/4 to 1-1/2	1/4 to 3/4
0386-0103	A-8	5/16	1 to 2	1/2 to 1
0386-0104	A-11	7/16	1-1/2 to 3	7/8 to 1-5/8
0386-0105	A-14	1/2	2 to 3-1/2	1 to 2
0386-0106	A-32	3/4	4 to 6	1-1/2 to 4



Extreme Self-Igniting Tips



PART NO	VENDOR REF NO	TIP SIZE (IN)	AIR/ACETYLENE, SOFT SOLDER, COPPER TUBE SIZE (IN)	AIR/ACETYLENE, SILVER BRAZE, COPPER TUBE SIZE (IN)
0386-0818	PL-5A	3/16	3/4 to 1-1/2	1/4 to 3/4
0386-0874	PL-3A	1/4	1/4 to 1	1/8 to 1/2
0386-0819	PL-8A	5/16	1 to 2	1/2 to 1
0386-0820	PL-12A	3/8	2 to 4	1 to 2

Torch Handles – Uniweld



87-TH6 (TH6) Air/Acetylene Torch Handle

PART NO	VENDOR PART NO	FUEL	HOSE CONNECTION
87-TH6	TH6	Air/Acetylene	A-LH (3/8-24)



87-71 (71) Oxy/Acetylene Torch Handle



PART NO	VENDOR PART NO	FUEL	HOSE CONNECTION
87-71	71	Oxy/Acetylene	A-LH (3/8-24) and A-RH (3/8-24)



Check Valve for Torch/Welding Handles

Provides protection against reverse flow of gases, but not flame flashback.



PART NO	VENDOR PART NO	DESCRIPTION
87-TCVA	TCVA	Check Valves [A-LH (3/8-24) and A-RH (3/8-24)]



Torch Handles – TurboTorch

0386-0308 (G4) Oxy/Acetylene Torch Handle



PART NO	VENDOR PART NO	FUEL	HOSE CONNECTION
0386-0308	G4	Air/Acetylene	A-LH (3/8-24)



0386-0311 (103-01FP) Oxy/Acetylene Torch Handle



PART NO	VENDOR PART NO	FUEL	HOSE CONNECTION
0386-0311	103-01FP	Oxy/Acetylene	A- LH (3/8-24) and A-RH (3/8-24)

BRAZING, SOLDERING & WELDING EQUIPMENT



Cutting Tools – Uniweld



Cutting Attachment – Oxy/Acetylene

PART NO	VENDOR PART NO	DESCRIPTION
87-CA550	CA550	Cutting Attachment - Oxy/Acetylene



Cutting Tip – Oxy/Acetylene

PART NO	VENDOR PART NO	DESCRIPTION
87-5-101#OD	5-101#OD	Oxy/Acetylene Cutting Tip

Cutting Attachment – TurboTorch



Cutting Attachment – Oxy/Acetylene

PART NO	VENDOR PART NO	DESCRIPTION
0387-0003	CA1260-CS	Cutting Attachment - Oxy/Acetylene

Regulators – Uniweld



Regulators – Acetylene



PART NO	VENDOR PART NO	FUEL	HIGH PRESSURE GAUGE (PSIG)	LOW PRESSURE GAUGE (PSIG)	DELIVERY RANGE (PSIG)	GAUGE DIA (IN)	INLET CONNECTION (CGA)	OUTLET CONNECTION
87-RB	RB	Acetylene	400 (Full)	—	2 to 15	1-1/2	520	A-LH (3/8-24)
87-RMC2	RMC2	Acetylene	400 (Full)	30	2 to 15	1-1/2	200	A-LH (3/8-24)

Regulators – Nitrogen



PART NO	VENDOR PART NO	FUEL	HIGH PRESSURE GAUGE (PSIG)	LOW PRESSURE GAUGE (PSIG)	DELIVERY RANGE (PSIG)	GAUGE DIA (IN)	INLET CONNECTION (CGA)	OUTLET CONNECTION
87-R1563	R1563	Nitrogen	4000	300	5 to 175	1-1/2	580	1/4 SAE male

Regulators – Nitrogen/CO2



PART NO	VENDOR PART NO	FUEL	HIGH PRESSURE GAUGE (PSIG)	LOW PRESSURE GAUGE (PSIG)	DELIVERY RANGE (PSIG)	GAUGE DIA (IN)	INLET CONNECTION (CGA)	OUTLET CONNECTION
87-RHP400	RHP400	Nitrogen, CO2	4000	600	20 to 400	1-1/2	580	1/4 SAE male
87-RHP500	RHP500	Nitrogen, CO2	4000	600	20 to 500	1-1/2	580	1/4 SAE male

Regulators – Oxygen



PART NO	VENDOR PART NO	FUEL	HIGH PRESSURE GAUGE (PSIG)	LOW PRESSURE GAUGE (PSIG)	DELIVERY RANGE (PSIG)	GAUGE DIA (IN)	INLET CONNECTION (CGA)	OUTLET CONNECTION
87-RO	RO	Oxygen	4000	100	2 to 60	1-1/2	540	A-RH (3/8-24)

BRAZING, SOLDERING & WELDING EQUIPMENT

Regulators – TurboTorch



Regulators – Acetylene (MC or B Tanks)



PART NO	VENDOR REF NO	FUEL	INLET CONNECTION (CGA)	OUTLET CONNECTION
0386-0725	AR-B	Acetylene	(Fits B tank)	A-LH (3/8-24)
0386-0726	AR-MC	Acetylene	(Fits MC tank)	A-LH (3/8-24)



Regulators – Acetylene



PART NO	VENDOR REF NO	HIGH PRESSURE FUEL	LOW PRESSURE GAUGE (PSIG)	DELIVERY GAUGE (PSIG)	GAUGE RANGE (PSIG)	INLET DIA (IN)	OUTLET CONNECTION (CGA)	CONNECTION
0386-0784	201-05FP	Acetylene	400	30	2 to 15	1-1/2	200	A-LH (3/8-24)



Regulators – Nitrogen



PART NO	VENDOR REF NO	HIGH PRESSURE FUEL	LOW PRESSURE GAUGE (PSIG)	DELIVERY GAUGE (PSIG)	GAUGE RANGE (PSIG)	INLET DIA (IN)	OUTLET CONNECTION (CGA)	CONNECTION
0386-0814	245-03P	Nitrogen	4000	600	0 to 500	1-1/2	580	1/4 SAE male



Regulators – Oxygen



PART NO	VENDOR REF NO	HIGH PRESSURE FUEL	LOW PRESSURE GAUGE (PSIG)	DELIVERY GAUGE (PSIG)	GAUGE RANGE (PSIG)	INLET DIA (IN)	OUTLET CONNECTION (CGA)	CONNECTION
0386-0786	221-05FP	Oxygen	4000	100	4 to 80	1-1/2	540	A-RH (3/8-24)



Gauges



PART NO	VENDOR PART NO	FUEL	MAXIMUM PRESSURE (PSIG)	GAUGE DIA (IN)	STEEL CASE COLOR	PROTECTIVE BOOT	THREAD SIZE NPT (IN)
87-G15-D	G15-D	Acetylene	30	1-1/2	Red	Yes	1/8
87-G19-D	G19-D	Acetylene	400 (Full)	1-1/2	Red	Yes	1/8
87-G49-D	G49-D	—	100	1-1/2	Green	Yes	1/8
87-G7SD	G7SD	—	4,000	1-1/2	Gold	—	1/8
87-G56-D	G56-D	—	4,000	1-1/2	Green	Yes	1/8
87-G8D	G8D	—	600	1-1/2	Brass	—	1/8

BRAZING, SOLDERING & WELDING EQUIPMENT



Acetylene Hoses – Uniweld



PART NO	VENDOR PART NO	FITTING TYPE	HOSE LENGTH (FT)
87-H12	H12	A-LH (3/8-24)	12-1/2



Acetylene Hoses – TurboTorch



PART NO	VENDOR REF NO	FITTING TYPE	HOSE LENGTH (FT)
0386-1090	AH-12	A-LH (3/8-24)	12
0386-1091	AH-24	A-LH (3/8-24)	24



Oxy/Acetylene Hose Sets – Uniweld



PART NO	VENDOR PART NO	FITTING TYPE	HOSE LENGTH (FT)
87-H32A	H32A	A-LH (3/8-24) and A-RH (3/8-24)	12-1/2



Oxy/Acetylene Hose Sets – TurboTorch



PART NO	VENDOR REF NO	FITTING TYPE	HOSE LENGTH (FT)
0386-1094	—	A-LH (3/8-24) and A-RH (3/8-24)	12-1/2

Tank Carrying Stands – Uniweld



Tank Carrying Stand – One B Tank

PART NO	VENDOR PART NO	DESCRIPTION
87-502	502	Tank Carrying Stand - One B Tank



Tank Carrying Stand – One MC Tank & One R Tank



PART NO	VENDOR PART NO	DESCRIPTION
87-500S	500S	Tank Carrying Stand - One MC Tank & One R Tank

BRAZING, SOLDERING & WELDING EQUIPMENT

Tank Carrying Stands – Uniweld

Tank Carrying Stand – One MC, PDC, or MDC Tank & One R Tank



PART NO	VENDOR PART NO	DESCRIPTION
87-511	511	Tank Carrying Stand - One MC, PDC, or MDC Tank & One R Tank

Tank Carrying Stand – One 40/55 cu. ft. Nitrogen Tank or One 10 pound CO2 Tank



PART NO	VENDOR PART NO	DESCRIPTION
87-516	516	Tank Carrying Stand - One 40/55 cu. ft. Nitrogen Tank or One 10 pound CO2 Tank



Tank Carrying Stands – TurboTorch

Tank Carrying Handle – One B Tank



PART NO	VENDOR PART NO	DESCRIPTION
1421-0016	TT-150 B	Tank Carrying Handle - One B Tank



Tank Carrying Stand – One B Tank



PART NO	VENDOR REF NO	DESCRIPTION
1421-0034	TT-B	Tank Carrying Stand - One B Tank



Tank Carrying Stand – One MC Tank & One R Tank



PART NO	VENDOR PART NO	DESCRIPTION
1421-0036	TT-MCR	Tank Carrying Stand - One MC Tank & One R Tank

Tank Carrying Stand – One MC Tank & One R Tank (Turbo Tote)



PART NO	VENDOR REF NO	DESCRIPTION
0386-1241	—	Tank Carrying Stand - One MC Tank & One R Tank (Turbo Tote)

Tank Carrying Stand – One MC Tank or One MT-1 MAPP Tank



PART NO	VENDOR PART NO	DESCRIPTION
1421-0035	TT-MC	Tank Carrying Stand - One MC Tank or One MT-1 MAPP Tank



BRAZING, SOLDERING & WELDING EQUIPMENT



Blow Gun



PART NO	VENDOR PART NO	DESCRIPTION
87-BG1	BG1	Blow Gun



Nitrogen Blow Gun Kits



PART NO	DESCRIPTION
0386-1234	Nitrogen Purge & Blow Gun Kit - Fits 20 Cu. Ft. Tank Not Included (NPK-20)
0386-1236	Nitrogen Purge & Blow Gun Kit - Fits 40 Cu. Ft. Tank Not Included (NPK-40)
0426-0009	Nitrogen Purge & Blow Gun Kit - Includes 40 Cu. Ft. Tank (SKP-40T)



Flint Lighters



PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
87-FL3437	FL3437	Flint Lighter w/5 Spare Flints	—	—
87-FL34	FL34	Flint Lighter	10	Yes



Soldering Irons



- Stainless steel barrel
- Lightweight heat and impact resistant pencil handle
- Power indicator light

PART NO	INPUT VOLTAGE (V)	OUTPUT (W)	TEMP RANGE (°F)	LENGTH (IN)	TIP
87-SP23L	120	25	750	8-1/4	Replaceable - Includes MT1 1/8 in. Nickel plated copper tip
87-SP40L	120	40	900	8-1/4	Replaceable - Includes MT10 1/4 in. Nickel plated copper tip



Soldering Guns



- Fingertip trigger selects high (1st position) or low output (2nd position)
- Efficient tin-plated copper tip
- Light illuminates work

PART NO	VENDOR PART NO	INPUT VOLTAGE (V)	OUTPUT (W)	TEMP RANGE (°F)
87-8200	8200	120	140/100	1020/900
87-D550	D550	120	260/200	1100/900

VACUUM PUMPS & GAUGES



Vacuum Pumps – CPS



Vacuum Pumps – Two Stage

PART NO	VENDOR PART NO	NUMBER OF STAGES	FREE AIR DISP (CFM)	ULTIMATE VACUUM (MICRONS HG)	HORSEPOWER (HP)	NOMINAL PUMP SPEED (RPM)	INLET PORTS	SUPPLY VOLTAGE	WEIGHT (LBS)
VP6D	VP6D	2	6.25	15	1/2	3440	1/4 in. SAE 3/8 in. SAE, 1/2 in. ACME	120, 230	25

Vacuum Pumps – Single Stage

PART NO	VENDOR PART NO	NUMBER OF STAGES	FREE AIR DISP (CFM)	ULTIMATE VACUUM (MICRONS HG)	HORSEPOWER (HP)	NOMINAL PUMP SPEED (RPM)	INLET PORTS	SUPPLY VOLTAGE	WEIGHT (LBS)
VP6S	VP6S	1	5.85	100	1/3	1720	1/4 in. SAE 3/8 in. SAE, 1/2 in. ACME	120, 230	25

VACUUM PUMPS & GAUGES



Vacuum Pumps – Mastercool



Vacuum Pumps – Two Stage

PART NO	VENDOR PART NO	NUMBER OF STAGES	FREE AIR DISP (CFM)	ULTIMATE VACUUM (MICRONS HG)	HORSEPOWER (HP)	NOMINAL PUMP SPEED (RPM)	INLET PORTS	SUPPLY VOLTAGE	WEIGHT (LBS)
87-90060	90060	2	1.5	50	1/6	3450	1/4 in. SAE 1/2 in. ACME	120	12
90065	90065	2	5	25	1/3	1725	1/4 in. SAE 3/8 in. SAE 1/2 in. ACME	120	32
90066	90066	2	5	25	1/3	1750	1/4 in. SAE 3/8 in. SAE 1/2 in. ACME	120	38
90067	90067	2	7.5	25	1/2	1725	1/4 in. SAE 3/8 in. SAE 1/2 in. ACME	120	34

Vacuum Pumps – Single Stage

PART NO	VENDOR PART NO	NUMBER OF STAGES	FREE AIR DISP (CFM)	ULTIMATE VACUUM (MICRONS HG)	HORSEPOWER (HP)	NOMINAL PUMP SPEED (RPM)	INLET PORTS	SUPPLY VOLTAGE	WEIGHT (LBS)
90062	90062	1	2	70	1/3	1725	1/4 in. SAE 1/2 in. ACME	120	28

Vacuum Gauges



87-VG200 (VG200) Vacuum Gauge – Digital



Advanced measurement instrument provides continual digital readout of evacuation process on large five digit LCD. Measurement units are at the touch of a key. Advanced surface mount technology automatically compensates for ambient changes in the environment ensuring accuracy and consistency in performance. Advanced field-cleanable sensor is able to withstand 400 psi of positive pressure. Unit operates 30 hours on 9V alkaline battery with low battery indicator and auto-off feature.

- Operating range to 0 microns Hg; accuracy +/-10%; user selectable to read in microns Hg, Torr, in. Hg or mBar
- Self-heated thermistor bridge with integral temperature compensation from 32 to 122°F
- Standard 1/4 inch SAE connector with core depressor
- Includes carrying case, hanging hook, tee and 9V battery

PART NO	VENDOR PART NO	DESCRIPTION
87-VG200	VG200	Vacuum Gauge - Digital



87-VG100A (VG100A) Vacuum Gauge – LED



Compact self-contained instrument designed to provide constant indication and monitoring of the evacuation process from start to finish. Nine discrete high intensity LEDs are preset to illuminate upon achieving industry standards for proper system evacuations. Advanced surface mount technology automatically compensates for ambient changes in the environment ensuring accuracy and consistency in performance. Advanced field-cleanable sensor is able to withstand 400 psi of positive pressure. Unit operates 25 hours on 9V alkaline battery with low battery indicator and auto-off feature.

- Operating range to 25 microns Hg; accuracy +/- 10%
- Self-heated thermistor bridge with integral temperature compensation from 32 to 122°F
- Standard 1/4 inch SAE connector with core depressor
- Includes carrying case, hanging hook, tee and 9V battery

PART NO	VENDOR PART NO	DESCRIPTION
87-VG100A	VG100A	Vacuum Gauge - LED

REFRIGERANT RECOVERY SYSTEMS

Refrigerant Recovery Systems – CPS



87-CR400 (CR400) Refrigerant Recovery System

cps®

PART NO	VENDOR PART NO	MAX RECOVERY RATE - DIRECT VAPOR (LBS/MIN)	MAX RECOVERY RATE - DIRECT LIQUID (LBS/MIN)	MAX RECOVERY RATE - PUSH-PULL LIQUID (LBS/MIN)	MAX WORKING PRESS (PSI)	SUPPLY VOLTAGE (V)	HORSE-POWER (HP)	WEIGHT (LBS)
87-CR400	CR400	0.22	0.73	10.38	550	120	1/6	28



87-CR500 (CR500) Refrigerant Recovery System

cps®

PART NO	VENDOR PART NO	MAX RECOVERY RATE - DIRECT VAPOR (LBS/MIN)	MAX RECOVERY RATE - DIRECT LIQUID (LBS/MIN)	MAX RECOVERY RATE - PUSH-PULL LIQUID (LBS/MIN)	MAX WORKING PRESS (PSI)	SUPPLY VOLTAGE (V)	HORSE-POWER (HP)	WEIGHT (LBS)
87-CR500	CR500	0.38	3	12.22	550	120	1/3	20



87-CR700 (CR700) Refrigerant Recovery System

cps®

PART NO	VENDOR PART NO	MAX RECOVERY RATE - DIRECT VAPOR (LBS/MIN)	MAX RECOVERY RATE - DIRECT LIQUID (LBS/MIN)	MAX RECOVERY RATE - PUSH-PULL LIQUID (LBS/MIN)	MAX WORKING PRESS (PSI)	SUPPLY VOLTAGE (V)	HORSE-POWER (HP)	WEIGHT (LBS)
87-CR700	CR700	1.60	10	20	550	120	1	34

Refrigerant Recovery Systems – Mastercool



69000 Refrigerant Recovery System

Mastercool®
"World Class Quality"

PART NO	VENDOR PART NO	MAX RECOVERY RATE - DIRECT VAPOR (LBS/MIN)	MAX RECOVERY RATE - DIRECT LIQUID (LBS/MIN)	MAX RECOVERY RATE - PUSH-PULL LIQUID (LBS/MIN)	MAX WORKING PRESS (PSI)	SUPPLY VOLTAGE (V)	HORSE-POWER (HP)	WEIGHT (LBS)
69000	69000	0.75	2.50	12	500	120	1/2	38

CHARGING SCALES

Charging Scales – CPS



87-CC800A (CC800A) Charging Scales – Programmable

cps®

- Automatic programmable scales allow user to program desired quantities; automatically shuts off refrigerant flow and sounds alarm
- Suitable for both R-22 and R-410A; max operating pressure differential 485 psig

PART NO	VENDOR PART NO	PROGRAMMABLE	CAPACITY (LBS)	ACCURACY (%)	RESOLUTION (OZ)	BATTERY
87-CC800A	CC800A	Yes	220	0.015	+/-0.25	Two 9 VDC



87-CC220 (CC220) Charging Scales – Non-Programmable

cps®

PART NO	VENDOR PART NO	PROGRAMMABLE	CAPACITY (LBS)	ACCURACY (%)	RESOLUTION (OZ)	BATTERY
87-CC220	CC220	No	220	0.015	+/-0.25	Two 9 VDC

Charging Scales – Mastercool



98210 (98210-A) Charging Scales – Programmable

Mastercool™
"World Class Quality"

- Allows user to program desired quantities; before charge is complete, an alarm sounds allowing ample time to turn off refrigerant supply
- Tank capacity programming feature allows user to know the amount of refrigerant in the tank at any time
- Repeat feature allows user to charge previously stored amount

PART NO	VENDOR PART NO	PROGRAMMABLE	CAPACITY (LBS)	ACCURACY (%)	RESOLUTION (OZ)	BATTERY
98210	98210-A	Yes	240	0.1	+/-0.32	One 9 VDC



98230 Charging Scale Solenoid Module for 98210 (98210-A)

Mastercool™
"World Class Quality"

This module turns the 98210 scales into automatic programmable scales by allowing the user to control the exact amount of refrigerant being transferred. Also allows pausing of refrigerant transfer. The compact design is battery powered (9V), lightweight, portable and works with all types of refrigerant. Includes a short hose for tank connection, USB cord and 1/4 inch SAE x 1/2 inch ACME adapter.

PART NO	VENDOR PART NO	DESCRIPTION
98230	98230	Charging Scale Solenoid Module

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Service Manifolds & Gauges – CPS



BLACKMAX Aluminum Service Manifolds & Gauges

- Piston valves with triple-seal neoprene O-Ring design for enhanced sealing
- Backseating O-Ring seals the valve nut when fully open
- Floating nylon sealing disk
- Valve stems retract fully to provide maximum flow
- Mirror-like port finish for smooth valve movement

cps®

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
87-MBD	MBD	R-22, R-134a, R-404A	psi	F	2-Way	Aluminum	Hoses not included	—	2-1/2	Dry	—
87-MBHP5E	MBHP5E	R-22, R-404A, R-410A	psi	F	2-Way	Aluminum	Premium w/Ball Valves	5	2-1/2	Dry	—
87-MBHP5	MBHP5	R-22, R-404A, R-410A	psi	F	2-Way	Aluminum	Premium w/Standard Fittings	5	2-1/2	Dry	—

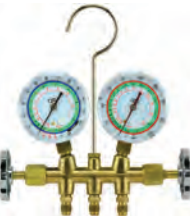


VORTECH Aluminum Service Manifolds & Gauges

Advanced VVS diaphragm valve system.

cps®

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
87-MV2CS5	MV2CS5	R-12, R-22, R-502	psi	F	2-Way	Aluminum	Standard w/Standard Fittings	5	2-1/2	Dry	Yes
87-MV2D	MV2D	R-22, R-134a, R-404A	psi	F	2-Way	Aluminum	Hoses not included	—	2-1/2	Dry	Yes
87-MV3RP5	MV3RP5	R-410A	psi, kPa	F, C	2-Way	Aluminum	Premium w/Standard Fittings	5	3-1/8	Oil Filled	Yes



Brass Service Manifolds & Gauges

cps®

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
87-M6C	M6C	R-12, R-22, R-502	psi	F	2-Way	Brass	Hoses not included	—	2-1/2	Dry	—
87-M6CS3	M6CS3	R-12, R-22, R-502	psi	F	2-Way	Brass	Standard w/Standard Fittings	3	2-1/2	Dry	—
87-M6CS5	M6CS5	R-12, R-22, R-502	psi	F	2-Way	Brass	Standard w/Standard Fittings	5	2-1/2	Dry	—
87-M6D	M6D	R-22, R-134a, R-404A	psi	F	2-Way	Brass	Hoses not included	—	2-1/2	Dry	—

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Service Manifolds & Gauges – Mastercool



Digital Aluminum Service Manifolds & Gauges

Large easy to read LCD displays pressures, saturated temperatures, actual temperatures, superheat and subcooling temperatures for over 60 refrigerants. When used with the clamp-on thermocouple connector, it will display the actual temperature and automatically calculates the superheat or subcool temperature. When the vacuum sensor cable is attached to the manifold it will display deep vacuum. To ensure lasting performance and durability, the manifold case is constructed of ABS material and protected by a rugged rubber boot.

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	INCLUDES	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
99661	99661	All	psi, in. Hg, Bar, MPa, kg/sq. cm	F, C	2-Way	Aluminum	Manifold, Premium Hoses, Vacuum Sensor, Thermocouple, Case	5	—	Digital	Yes
99103	99103	All	psi, in. Hg, Bar, MPa, kg/sq. cm	F, C	2-Way	Aluminum	Manifold only	—	—	Digital	Yes



Aluminum Ball Valve Service Manifold & Gauges (4-Way)



- Stainless steel ball valve design controls flow smoothly and quickly with only a quarter turn
- Silicone dampened gauges smooth out needle movement

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
95361	95361	R-12, R-22, R-502	psi	F	4-Way	Aluminum	Standard w/Anti-Blowback Fittings	5	3-1/8	Dry	Yes



Aluminum Ball Valve Service Manifold & Gauges (3-Way)



- Stainless steel ball valve design controls flow smoothly and quickly with only a quarter turn
- Silicone dampened gauges smooth out needle movement

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
59861	59861	R-22, R-404A, R-410A	psi	F	3-Way	Aluminum	Premium w/Ball Valves	5	3-1/8	Dry	Yes



Aluminum Service Manifolds & Gauges



- Free-floating piston type valves reduce O-Ring wear
- Silicone dampened gauges smooth out needle movement

PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
95661	95661	R-12, R-22, R-502	psi	F	2-Way	Aluminum	Standard w/Anti-Blowback Fittings	5	2-1/2	Dry	Yes
57161	57161	R-22, R-404A, R-410A	psi	F	2-Way	Aluminum	Premium w/Standard Fittings	5	3-1/8	Dry	Yes

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Service Manifolds & Gauges – Mastercool



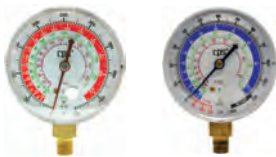
Brass Service Manifolds & Gauges



PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	MANIFOLD TYPE	MANIFOLD MATERIAL	HOSE TYPE	HOSE LENGTH (FT)	GAUGE DIA (IN)	GAUGE TYPE	SIGHT GLASS
87-33636	33636	R-12, R-22, R-502	psi	F	2-Way	Brass	Standard w/Standard Fittings	3	2-1/2	Dry	—
35161	35161	R-12, R-22, R-502	psi	F	2-Way	Brass	Standard w/Anti-Blowback Fittings	5	3-1/8	Dry	—
33661	33661	R-12, R-22, R-502	psi	F	2-Way	Brass	Standard w/Standard Fittings	5	2-1/2	Dry	—
59261	59261	R-22, R-404A, R-410A	psi	F	2-Way	Brass	Premium w/Ball Valves	5	3-1/8	Dry	—
59161	59161	R-22, R-404A, R-410A	psi	F	2-Way	Brass	Premium w/Standard Fittings	5	3-1/8	Dry	—

Refrigerant Gauges

Refrigerant Gauges – CPS



PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	FITTING SIZE (IN)	GAUGE DIA (IN)	GAUGE TYPE	GAUGE USAGE
87-RGCH	RGCH	R-12, R-22, R-502	psi	F	1/8 NPT	2-1/2	Dry	High Side
87-RGRH	RGRH	R-410A	psi, kPa	F, C	1/8 NPT	3-1/8	Glycerin Filled	High Side
87-RGCL	RGCL	R-12, R-22, R-502	psi	F	1/8 NPT	2-1/2	Dry	Low Side
87-RGRL	RGRL	R-410A	psi, kPa	F, C	1/8 NPT	3-1/8	Glycerin Filled	Low Side

Refrigerant Gauges – Mastercool



PART NO	VENDOR PART NO	REFRIGERANT SCALES	PRESSURE SCALES	TEMP SCALES	FITTING SIZE (IN)	GAUGE DIA (IN)	GAUGE TYPE	GAUGE USAGE
91500	91500	R-12, R-22, R-502	psi	F	1/8 NPT	3-1/8	Dry	High Side
58803	58803	R-22, R-404A, R-410A	psi	F	1/8 NPT	3-1/8	Dry	High Side
91250	91250	R-12, R-22, R-502	psi	F	1/8 NPT	3-1/8	Dry	Low Side
58501	58501	R-22, R-404A, R-410A	psi	F	1/8 NPT	3-1/8	Dry	Low Side

Gauge Protector Set

- Unique ribbing deadens bumps and deflects shocks
- Fits 3-1/8 inch diameter gauges



PART NO	VENDOR PART NO	DESCRIPTION
91553	91553	Gauge Protector Set - Red & Blue (For 3-1/8 in. diameter gauges)

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Refrigerant Charging Hoses – CPS

cps®



Refrigerant Charging Hoses – Standard Fittings

PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (FT)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
87-HS4	HS4	Set of 3	1/4 SAE	4	Standard	750	3000	Blue, Red, Yellow
87-HP5	HP5	Set of 3	1/4 SAE	5	Standard	800	4000	Blue, Red, Yellow



Refrigerant Charging Hoses – Anti-Blowback Fittings

Automatic sealing valve eliminates refrigerant loss and blowback.

cps®

PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (IN)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
87-HS3A	HS3A	Set of 3	1/4 SAE	3	Anti-Blowback	750	3000	Blue, Red, Yellow
87-HP5A	HP5A	Set of 3	1/4 SAE	5	Anti-Blowback	800	4000	Blue, Red, Yellow
87-HP5BA	HP5BA	Single	1/4 SAE	5	Anti-Blowback	800	4000	Blue
87-HP5RA	HP5RA	Single	1/4 SAE	5	Anti-Blowback	800	4000	Red
87-HP5YA	HP5YA	Single	1/4 SAE	5	Anti-Blowback	800	4000	Yellow



Refrigerant Charging Hoses with Ball Valves

cps®

PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (IN)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
87-HS3E	HS3E	Set of 3	1/4 SAE	3	Standard (Includes Ball Valve)	750	3000	Blue, Red, Yellow
87-HP6L	HP6L	Set of 3	1/4 SAE	6	Standard (Includes Ball Valve)	800	4000	Blue, Red, Yellow



Refrigerant Hose Extensions with Ball Valves

cps®

PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (FT)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
87-HT1E	HT1E	Set of 3	1/4 SAE	1	45 degree	800	4000	Blue, Red, Yellow
87-HT1BE	HT1BE	Single	1/4 SAE	1	45 degree	800	4000	Blue
87-HT1RE	HT1RE	Single	1/4 SAE	1	45 degree	800	4000	Red
87-HT1YE	HT1YE	Single	1/4 SAE	1	45 degree	800	4000	Yellow



Replacement Hose Gaskets

cps®

Fits 1/4 in. SAE Flare, 1/2 in. ACME, and 1/2-20 UNF hose fittings on end without depressor.

PART NO	VENDOR PART NO	DESCRIPTION
87-HXG	HXG	Replacement Hose Gasket (Box of 10)

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Refrigerant Charging Hoses – Mastercool



Refrigerant Charging Hoses – Standard Fittings



PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (FT)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
40336	40336	Set of 3	1/4 SAE	3	Standard	750	3000	Blue, Red, Yellow
40360	40360	Set of 3	1/4 SAE	5	Standard	750	3000	Blue, Red, Yellow
40372	40372	Set of 3	1/4 SAE	6	Standard	750	3000	Blue, Red, Yellow
48604	48604	Single	1/4 SAE	5	Standard	800	4000	Black
41601	41601	Single	1/4 SAE	5	Standard	750	3000	Blue
41603	41603	Single	1/4 SAE	5	Standard	750	3000	Red
41602	41602	Single	1/4 SAE	5	Standard	750	3000	Yellow



Refrigerant Charging Hoses – Anti-Blowback Fittings



PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (FT)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
45360	45360	Set of 3	1/4 SAE	5	Anti-Blowback	750	3000	Blue, Red, Yellow
46360	46360	Set of 3	1/4 SAE	5	Anti-Blowback	800	4000	Blue, Red, Yellow
45601	45601	Single	1/4 SAE	5	Anti-Blowback	750	3000	Blue
45603	45603	Single	1/4 SAE	5	Anti-Blowback	750	3000	Red
45602	45602	Single	1/4 SAE	5	Anti-Blowback	750	3000	Yellow



Refrigerant Hose Extensions with Ball Valves



PART NO	VENDOR PART NO	SET TYPE	FITTING SIZE (IN)	HOSE LENGTH (FT)	HOSE FITTINGS	HOSE WORKING PRESSURE (PSI)	HOSE BURST PRESSURE (PSI)	HOSE COLOR
90262	90262	Set of 3	1/4 SAE	1	Straight	750	3000	Blue, Red, Yellow
90263-R	90263-R	Single	1/4 SAE	1	45 degree	750	3000	Blue
90265-R	90265-R	Single	1/4 SAE	1	45 degree	750	3000	Red
90264-R	90264-R	Single	1/4 SAE	1	45 degree	750	3000	Yellow

Refrigerant Hose Adapters & Fittings



MICROSEAL Anti-Blowback Valves



Automatic sealing valve eliminates refrigerant loss and blowback.

PART NO	VENDOR PART NO	DESCRIPTION
87-AB3-3PK	AB3-3PK	MICROSEAL Anti-Blowback Valve - 1/4 in. SAE (Male x Female) Pack of 3



Ball Valves – 1/4 in. SAE (Male x Female)



PART NO	VENDOR PART NO	DESCRIPTION
87-BV3-3PK	BV3	Ball Valve - 1/4 in. SAE (Male x Female) Pack of 3



Adapter – 1/2-20 UNF Female x 1/4 SAE Male (w/Core & Depressor)



PART NO	VENDOR PART NO	DESCRIPTION
87-AD87	AD87	Adapter - 1/2-20 UNF Female x 1/4 SAE Male (w/Core & Depressor)

REFRIGERANT SERVICE MANIFOLDS, GAUGES & HOSES

Refrigerant Hose Adapters & Fittings



Adapters – 1/4 in. SAE x Automotive Quick Connect (R-134a)



PART NO	VENDOR PART NO	DESCRIPTION
66434R	66434R	Adapter - 1/4 in. SAE x 16 mm Automotive Quick Connect Coupler (R-134a - High Side)
66534R	66534R	Adapter - 1/4 in. SAE x 13 mm Automotive Quick Connect Coupler (R-134a - Low Side)



Brass Fitting for Service Manifold



1/8 inch NPT fitting threads into manifold; includes two 1/4 inch SAE flare connections - one open for refrigerant hose connection, and one closed for spare hose.

PART NO	VENDOR PART NO	DESCRIPTION
40-397	40-397	Brass Fitting for Service Manifold



Hose Anchor Bracket for Service Manifold



Mounts to manifold for spare hose storage; includes three 1/4 inch SAE fittings and one 3/8 inch SAE fitting.

PART NO	VENDOR PART NO	DESCRIPTION
87-M4XHA	M4XHA	4-Way Hose Anchor Bracket

SUPERHEAT MEASUREMENT SETS



83-CD3970-1PK (CD3970) Superheat Measurement Kit



Combines a core removal tool and thermometer to create a reliable and accurate way to measure superheat; allows temperature probe to directly measure refrigerant temperature.

PART NO	VENDOR PART NO	DESCRIPTION
83-CD3970-1PK	CD3970	Superheat Measurement Kit



91499 Superheat Measurement Kit



Combines a core removal tool and thermometer to create a reliable and accurate way to measure superheat; allows temperature probe to directly measure refrigerant temperature.

PART NO	VENDOR PART NO	DESCRIPTION
91499	91499	Superheat Measurement Kit

VALVE CORE REMOVAL TOOLS



83-CD3930-1PK (CD3930) Valve Core Removal Tool

- Permits valve core replacement with minimal refrigerant loss
- Connects to any 1/4 inch SAE male flare service port
- Uses a reliable 1/4 turn ball valve design to shut-off and control refrigerant flow
- Includes a 1/4 inch SAE male flare service port to allow refrigerant recovery or recharge, system evacuation and system pressure measurement



PART NO	VENDOR PART NO	DESCRIPTION
83-CD3930-1PK	CD3930	Valve Core Removal Tool



83-CD3900-1PK (CD3900) Valve Core Removal Tool

- Permits valve core replacement with minimal refrigerant loss
- Connects to any 1/4 inch SAE male flare service port
- Uses a neoprene sleeve seal to shut-off and control refrigerant flow



PART NO	VENDOR PART NO	DESCRIPTION
83-CD3900-1PK	CD3900	Valve Core Removal Tool



91490 Valve Core Removal Tool

- Permits valve core replacement with minimal refrigerant loss
- Connects to any 1/4 inch SAE male flare service port
- Uses a reliable 1/4 turn ball valve design to shut-off and control refrigerant flow



PART NO	VENDOR PART NO	DESCRIPTION
91490	91490	Valve Core Removal Tool



91496 Valve Core Removal Tool

- Permits valve core replacement with minimal refrigerant loss
- Connects to any 1/4 inch SAE male flare service port
- Uses a reliable 1/4 turn ball valve design to shut-off and control refrigerant flow
- Includes a 1/4 inch SAE male flare service port to allow refrigerant recovery or recharge, system evacuation and system pressure measurement



PART NO	VENDOR PART NO	DESCRIPTION
91496	91496	Valve Core Removal Tool

HVAC INSTRUMENTS, METERS & DETECTORS



52245 Digital Pressure/Temperature Chart

- Pocket sized device offers fast and accurate temperature references on a large easy to read LCD display
- Includes charts for sixty refrigerants
- Pressure charts in psi, Bar and MPa; temperature in F and C



PART NO	VENDOR PART NO	DESCRIPTION
52245	52245	Digital Pressure/Temperature Chart

HVAC INSTRUMENTS, METERS & DETECTORS

Electronic Refrigerant Leak Detectors



87-LS780B (LS780B) Electronic Leak Detector (Leak Seeker)

cps®

- Two sensitivity ranges
- Detects all CFC, HCFC and HFC refrigerants
- Minimum leak rate detection capability: 1/4 oz./year
- LED display varies in brightness with the concentration of detected refrigerant
- 18 inch long cable probe

PART NO	VENDOR PART NO	DESCRIPTION
87-LS780B	LS780B	Electronic Leak Detector (Leak Seeker)



87-LS790B (LS790B) Electronic Leak Detector (Leak Seeker)

cps®

- Ten sensitivity ranges
- Detects all CFC, HCFC and HFC refrigerants
- Minimum leak rate detection capability: 1/4 oz./year
- Bar graph display measures leak concentration
- 18 inch long cable probe

PART NO	VENDOR PART NO	DESCRIPTION
87-LS790B	LS790B	Electronic Leak Detector (Leak Seeker)



87-LS3000 (LS3000) Electronic Leak Detector (Eliminator)

cps®

- Six sensitivity ranges
- Uses two displays; one to pinpoint the leak, the other quantifies the size
- Detects all CFC, HCFC and HFC refrigerants
- Minimum leak rate detection capability: 1/4 oz./year
- Bar graph display measures leak concentration
- 14 inch long cable probe

PART NO	VENDOR PART NO	DESCRIPTION
87-LS3000	LS3000	Electronic Leak Detector (Eliminator)



55100 Electronic Leak Detector

Mastercool®
"World Class Quality"

- Three sensitivity ranges
- Detects all CFC, HCFC and HFC refrigerants
- Minimum leak rate detection capability: 1/10 oz./year
- LED visual indicator
- 16 inch long cable probe
- Includes a custom molded carrying case

PART NO	VENDOR PART NO	DESCRIPTION
55100	55100	Electronic Leak Detector

HVAC INSTRUMENTS, METERS & DETECTORS



Electronic/UV Refrigerant Leak Detectors

55200 Electronic/UV Leak Detector Kit

- Combines electronic and UV leak detection in one tool
- Six sensitivity ranges
- Detects all CFC, HCFC and HFC refrigerants
- Minimum leak rate detection capability: 1/10 oz./year
- LED visual indicator
- 16 inch long cable probe
- Includes a custom molded carrying case



PART NO	VENDOR PART NO	DESCRIPTION
55200	55200	Electronic/UV Leak Detector Kit

55300 Electronic/UV Leak Detector with Cartridge Type Dye Injector

Same as 55200 except it includes cartridge type dye injector.



PART NO	VENDOR PART NO	DESCRIPTION
55300	55300	Electronic/UV Leak Detector Kit with Cartridge Type Dye Injector

UV Refrigerant Leak Detectors

53400 UV Leak Detector Kit

- 50W rechargeable UV detector for use with refrigeration dyes
- Rechargeable battery with 120V charger
- Kit includes UV glasses and carrying case



PART NO	VENDOR PART NO	DESCRIPTION
53400	53400	UV Leak Detector Kit

53450 UV Leak Detector Kit with Refillable Dye Injector

Same as 53400 except it includes refillable dye injector.



PART NO	VENDOR PART NO	DESCRIPTION
53450	53450	UV Leak Detector Kit with Refillable Dye Injector

53450-C UV Leak Detector Kit with Cartridge Type Dye Injector

Same as 53400 except it includes cartridge type dye injector.



PART NO	VENDOR PART NO	DESCRIPTION
53450-C	53450-C	UV Leak Detector Kit with Cartridge Type Dye Injector

See page 336 for UV Dye Injection Tools and Fluorescent Refrigerant Dye.

Replacement Sensors for Refrigerant Leak Detectors

Replacement Sensor for 87-LS780B (LS780B) & 87-LS790B (LS790B)



PART NO	VENDOR PART NO	DESCRIPTION
87-LSXS	LSXS	Replacement Sensor for 87-LS780B and 87-LS790B

Replacement Sensor for 87-LS3000 (LS3000)

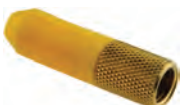
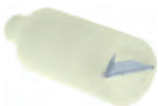


PART NO	VENDOR PART NO	DESCRIPTION
87-LSXS3	LSXS3	Replacement Sensor for 87-LS3000

Replacement Sensor for 55100 and 55200



PART NO	VENDOR PART NO	DESCRIPTION
55100-SEN	55100-SEN	Replacement Sensor for 55100 and 55200



HVAC INSTRUMENTS, METERS & DETECTORS



875026 (0632 3170) Electronic Flue Gas Spillage Detector (317)

- Gives off a visible and audible alarm when heating flue gases are detected
- Flexible 8 inch probe for inaccessible locations



PART NO	VENDOR PART NO	DESCRIPTION
875026	0632 3170	Electronic Flue Gas Spillage Detector (317)



875036 (0632 3173) CO Monitor (317-3)

- Detect the presence of carbon monoxide (CO) in ambient air and warns user with both visual and audible alarm
- Detection range 0 to 1,999 ppm; resolution 1 ppm
- Reaction time of 40 seconds
- Includes carrying pouch and earphone



PART NO	VENDOR PART NO	DESCRIPTION
875036	0632 3173	CO Monitor (317-3)

Electrical Meters



87-DM350 (DM350) Digital Multimeter

- Auto range
- Data hold
- Maximum/minimum value measurement
- Backlit LCD display; four large characters
- Auto power-off
- DC voltage (V): 200m / 2 / 20 / 200 / 600 $\pm 0.7\%$
- AC voltage (V): 200m / 2 / 20 / 200 / 600 $\pm 0.7\%$
- DC current (A): 200 μ / 2000 μ / 20m / 200m $\pm 1.2\%$; 2 / 10 $\pm 2.0\%$
- AC current (A): 200 μ / 2000 μ / 20m / 200m $\pm 1.5\%$; 2 / 10 $\pm 3.0\%$
- Resistance (ohms): 200 / 2k / 20k / 200k / 2M $\pm 1.2\%$; 20M $\pm 2.0\%$
- Temperature: -20 to 1000°C $\pm 3.0\%$, 0°F to 1800°F $\pm 3.0\%$
- Capacitance (F): 20n / 200n / 2 μ / 20 μ / 200 μ / 2000 μ $\pm 4.0\%$
- Audible continuity tester
- Diode tester
- Transistor hFE tester
- Includes electrical probe set and thermocouple



PART NO	VENDOR PART NO	DESCRIPTION
87-DM350	DM350	Digital Multimeter



87-AC400 (AC400) Digital Clamp-On Multimeter

- Measures AC voltage up to 600V; AC current up to 400A
- Includes electrical probe set



PART NO	VENDOR PART NO	DESCRIPTION
87-AC400	AC400	Digital Clamp-On Multimeter



87-AC600 (AC600) Analog Clamp-On Multimeter

- Measures AC voltage up to 600V; AC current up to 600A; resistance up to 2k ohms; temperature -50 to 350°F
- Includes electrical probe set (temperature probe order separately)
- Includes carrying case



PART NO	VENDOR PART NO	DESCRIPTION
87-AC600	AC600	Analog Clamp-On Multimeter

HVAC INSTRUMENTS, METERS & DETECTORS



Electrical Meters

Probes for 87-AC600 (AC600)

cps®

PART NO	VENDOR PART NO	DESCRIPTION
87-ACXP	ACXP	Probe Set for 87-AC600 (AC600)
87-ACXTP	ACXTP	Temperature Probe for 87-AC600 (AC600)



Carrying Cases for Clamp-On Multimeters

cps®

PART NO	VENDOR PART NO	DESCRIPTION
87-ACXC4	ACXC4	Carrying Case for 87-AC400 (AC400) - Carry Loop
87-ACXC6	ACXC6	Carrying Case for 87-AC600 (AC600) - Clasp



Zebra-Stat – Analyzer/Remote Control/ Multi-Mode Tester



The Zebra-Stat is a fully electronic, easy-to-use diagnostic tool for HVAC technicians. Quickly diagnoses low-voltage control problems in system wiring, control boards, thermostats and associated components. Bright LED's positively indicate status.

- Performs immediate continuity checks on up to six circuits at a time
- Acts as a remote control, saving you steps from attic, roof, or basement
- Reports signal levels on control lines - visually displaying them
- Monitors voltage levels (Displays OK / Questionable / Low)
- Acts as an automatic resetting circuit breaker, temporarily replacing a system fuse while looking for shorted lines or components

PART NO	VENDOR PART NO	DESCRIPTION
ZS-2	ZS-2	Zebra-Stat - Analyzer/Remote Control/Multimode Tester



Short-Pro Short Finder Tool – 24V



Finds 24V shorts quickly. Connects across 24V fuse holder. Lighted LED indicates short (trips at 3A). Disconnect briefly to reset.

PART NO	VENDOR PART NO	DESCRIPTION
ZSPRT	ZSPRT	Short-Pro Short Finder Tool - 24V



87-AM50 (AM50) Air Velocity/Temperature Meter

cps®

- Airflow ranges from 0 to 8800 ft./min; temperature range from 32 to 122°F
- Precision vane-type anemometer provides fast, accurate air velocity measurements
- Airflow scales in ft./min., m/s, km/hr. and knots
- Includes laminated conversion chart to quickly calculate CFM from air velocity measurements
- Includes Type K thermocouple port

PART NO	VENDOR PART NO	DESCRIPTION
87-AM50	AM50	Air Velocity/Temperature Meter

HVAC INSTRUMENTS, METERS & DETECTORS



875007 (0560 5063) Digital Manometer (506)

- Pressure range to 80.0 in. W.C.
- Scales in hPa, mBar, mm W.C., in. W.C, mm Hg and psi
- Easy to use one button operation
- Includes magnet for mounting during measurements



PART NO	VENDOR PART NO	DESCRIPTION
875007	0560 5063	Digital Manometer (506)

Testo Pocket Meters



875044 (0560 0510) Pocket Digital Manometer (510)

- Pressure range to 44.15 in. W.C.
- Scales in Pa, hPa, mBar, mm W.C., in. W.C, mm Hg, in. Hg and psi
- Easy to use one button operation
- Includes magnet for mounting during measurements
- Includes carrying pouch



PART NO	VENDOR PART NO	DESCRIPTION
875044	0560 0510	Pocket Digital Manometer (510)



875043 (0560 0610) Pocket Air Velocity/Temperature/Humidity Meter (410-2)

- Measures air velocity, temperature, relative humidity, wet bulb temperature and dew point
- Airflow ranges from 80 to 4000 ft./min; temperature range 14 to 122°F; humidity range 0 to 100% RH
- Includes carrying pouch



PART NO	VENDOR PART NO	DESCRIPTION
875043	0560 4102	Pocket Air Velocity/Temperature/Humidity Meter (410-2)



875042 (0560 0610) Pocket Temperature/Humidity Meter (610)

- Measures temperature and relative humidity
- Temperature range 14 to 122°F; humidity range 0 to 100% RH
- Humidity scales in %RH and wet bulb
- Includes carrying pouch



PART NO	VENDOR PART NO	DESCRIPTION
875042	0560 0610	Pocket Temperature/Humidity Meter (610)



875041 (0560 0810) Pocket Temperature Meter (810)

- Simultaneously measures temperatures using both IR and ambient air
- Temperature range -58 to 660°F
- Includes carrying pouch



PART NO	VENDOR PART NO	DESCRIPTION
875041	0560 0810	Pocket Temperature Meter (810)

TEMPERATURE MEASUREMENT TOOLS

Testo Measurement Sticks



875006 (0560 6054) Humidity and Temperature Stick (605-H2)



- Measures temperature and relative humidity
- Temperature range 32 to 122°F; humidity range 5 to 95% RH
- Quick-action displays final temperature in few seconds
- 5 inch length
- Easy to read swivel head can be turned 180 degrees
- Includes holder for positioning in duct

PART NO	VENDOR PART NO	DESCRIPTION
875006	0560 6054	Humidity and Temperature Stick (605-H2)



875009 (0590 9052) Temperature Stick (905-T2)



- Temperature range -58 to 660°F
- Quick-action displays final temperature in a few seconds
- Special measuring head with spring steel thermocouples band adapts itself to uneven surfaces
- 7 inch length
- Easy to read swivel head can be turned 180 degrees

PART NO	VENDOR PART NO	DESCRIPTION
875009	0560 9056	Temperature Stick (905-T2)

Infrared Thermometers



87-TMINI12 (MINI12) Infrared Thermometer (Temp-Seeker)



- Temperature range -76 to 932°F
- 12:1 distance to spot ratio
- Includes laser pointer
- Includes Type K thermocouple port
- Includes white LED work light
- Includes heavy-duty carrying pouch with belt loop

PART NO	VENDOR PART NO	DESCRIPTION
87-TMINI12	TMINI12	Infrared Thermometer (Temp-Seeker)



52224A Infrared Thermometer



- Temperature range -58 to 932°F
- 12:1 distance to spot ratio
- Includes laser pointer
- Includes plastic shell carrying case

PART NO	VENDOR PART NO	DESCRIPTION
52224A	52224A	Infrared Thermometer

TEMPERATURE MEASUREMENT TOOLS

Pocket Thermometers



87-TMAP (TMAP) Pocket Thermometer – Analog

cps®

- Temperature range 0 to 220°F
- Allow approximately 15 seconds for temperature to stabilize
- 5 inch stainless steel probe
- Includes protective sleeve with pocket clip

PART NO	VENDOR PART NO	DESCRIPTION
87-TMAP	TMAP	Pocket Thermometer - Analog



87-TMDP (TMDP) Pocket Thermometer – Digital

cps®

- Temperature range -58 to 302°F
- 5 inch stainless steel probe
- Includes protective sleeve with pocket clip

PART NO	VENDOR PART NO	DESCRIPTION
87-TMDP	TMDP	Pocket Thermometer - Digital



52223-A Pocket Thermometer – Digital

Mastercool®
"World Class Quality"

- Temperature range -58 to 302°F
- 5 inch stainless steel probe
- Includes protective sleeve with pocket clip

PART NO	VENDOR PART NO	DESCRIPTION
52223-A	52223-A	Pocket Thermometer - Digital



87-TM50 (TM50) Digital Thermometer (Temp-Seeker)

cps®

- Temperature range -58 to 500°F
- User selectable temperature alarm
- Countdown timer
- Min/Max memory
- 3-3/4 inch stainless steel probe with 4 foot cord

PART NO	VENDOR PART NO	DESCRIPTION
87-TM50	TM50	Digital Thermometer (Temp-Seeker)

TEMPERATURE MEASUREMENT TOOLS



Multi-Input Digital Thermo-Psychrometer & Accessories (Temp-Seeker)

87-TM350 (TM350) Multi-Input Digital Thermo-Psychrometer & Accessories (Temp-Seeker)

cps®

A professional grade thermo-psychrometer adaptable to accommodate many temperature, humidity, dry/wet bulb and dew point measurements. The unit incorporates four discrete temperature ports all capable of min/max and memory functions including temperature differential between any two of the four available ports. Pressing the SCAN key causes display to alternate between all four ports in 3 second intervals providing continuous monitoring of multiple probe points during critical system diagnosis. A dedicated special purpose port accommodates an optional state of the art silicon humidity transducer probe for fast and accurate measurements during critical relative humidity calculations. Designed in a rugged polyethylene case, the TM350 is engineered to provide laboratory accuracy in rough field conditions. A generous probe storage area is provided for housing all your job specific probes directly in the unit itself.

- Range -40 to 300°F
- Differential measurement between any two probes
- Includes air probe; general purpose probe; surface probe; other probes available
- Easy to use keypad controls

PART NO	VENDOR PART NO	DESCRIPTION
87-TM350	TM350	Multi-Input Digital Thermo-Psychrometer & Accessories (Temp-Seeker)

87-TMX2C (TMX2C) Temperature Probe

cps®

PART NO	VENDOR PART NO	DESCRIPTION
87-TMX2C	TMX2C	Temperature Probe

87-TMX2S (TMX2S) Temperature Probe – Velcro

cps®

PART NO	VENDOR PART NO	DESCRIPTION
87-TMX2S	TMX2S	Temperature Probe - Velcro

87-TMX2P (TMX2P) Puncture Probe

cps®

PART NO	VENDOR PART NO	DESCRIPTION
87-TMX2P	TMX2P	Puncture Probe

FIN TOOLS



87-TLFC1 (TLFC1) Fin Tool

cps®

Spring wire bristles adjust to all fin spacings.

PART NO	VENDOR PART NO	DESCRIPTION
87-TLFC1	TLFC1	Fin Tool



87-TLFC6 (TLFC6) Fin Tool

cps®

Six sided fin comb for 6, 8, 10, 12, 14 and 15 fins per inch.

PART NO	VENDOR PART NO	DESCRIPTION
87-TLFC6	TLFC6	Fin Tool



875001 Fin Tool

Includes six heads 8, 9, 10, 11, 12 and 14 fins per inch. Heads are angled so that the hand is a safe distance from sharp fins. Reversible head for improved leverage in all orientations.

PART NO	DESCRIPTION	CASE QTY	CASE REQ
875001	Fin Tool	12	Yes

WIRE STRIPPERS, CRIMPERS & CUTTING TOOLS



87-5020F Easy Stripper – Heavy Duty

PROTECH

- Heavy-duty multi-purpose tool; strips, crimps, and cuts
- Self adjusting stripper; includes micro adjustment knob for stripping wire smaller than 24 AWG, and adjustable stop for setting correct wire stripping length

PART NO	OVERALL LENGTH (IN)	CUTS (AWG)	STRIPS (AWG)	CRIMPS - INSULATED (AWG)	CRIMPS - NON-INSULATED (AWG)
87-5020F	8-1/4	10-24	10-24	10-22	4-22



87-5008F Easy Stripper

PROTECH

- Multi-purpose tool; strips, crimps, and cuts
- Self adjusting stripper

PART NO	OVERALL LENGTH (IN)	CUTS (AWG)	STRIPS (AWG)	CRIMPS - INSULATED (AWG)	CRIMPS - NON-INSULATED (AWG)
87-5008F	8-1/4	10-22	10-26	10-22	10-22



87-K1412 (K1412) Wire Strippers/Cutters

KLEIN TOOLS 150

- Quickly removes outer jacket of Type NM-B nonmetallic-sheathed cable
- Narrow nose fits into tight places
- Stripping holes easily remove insulation
- Precision shear-type blades for square, clean cuts on solid copper wire

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	CABLE SHEARING - NM CABLE	SCREW/BOLT SHEARING SIZE
87-K1412	K1412	7-7/10	12-14	12/2, 14/2	6-32, 8-32



87-11045 (11045) Wire Strippers/Cutters

KLEIN TOOLS 150

- Compact lightweight wire-stripping and cutting tool
- Narrow nose fits into tight places
- Spring-loaded for self-opening action
- Wire looping and bending holes
- Hardened steel with precision ground stripping holes
- Do not use for cutting steel wire or bolts

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	SCREW/BOLT SHEARING SIZE
87-11045	11045	6-1/4	10-18 (solid)	—



87-11049 (11049) Wire Strippers/Cutters

KLEIN TOOLS 150

- Compact lightweight wire-stripping and cutting tool
- Narrow nose fits into tight places
- Spring-loaded for self-opening action
- Wire looping and bending holes
- Hardened steel with precision ground stripping holes
- Do not use for cutting steel wire or bolts

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	SCREW/BOLT SHEARING SIZE
87-11049	11049	6-1/4	8-18 (stranded)	—



87-11055 (11055) Wire Strippers/Cutters

KLEIN TOOLS 150

- Curved handles help reach into confined areas
- Spring-loaded for self-opening action
- Strong gripping serrated nose for easy bending, shaping and pulling of wire
- Handy closure lock for convenient storage
- Precision shear-type blades for clean cuts on solid and stranded copper wire

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	SCREW/BOLT SHEARING SIZE
87-11055	11055	7-1/8	10-18 (solid), 12-20 (stranded)	6-32, 8-32

WIRE STRIPPERS, CRIMPERS & CUTTING TOOLS



87-11057 (11057) Wire Strippers/Cutters



- Curved handles help reach into confined areas
- Spring-loaded for self-opening action
- Strong gripping serrated nose for easy bending, shaping and pulling of wire
- Handy closure lock for convenient storage
- Precision shear-type blades for clean cuts on solid and stranded copper wire

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	SCREW/BOLT SHEARING SIZE
87-11057	11057	7-1/8	20-30 (solid), 22-32 (stranded)	6-32, 8-32



87-1011 (1011) Wire Strippers/Cutters



- Scissors action of 1/2 inch wide cutter makes clean cuts with little effort
- Spring-loaded for self-opening action
- Serrated nose jaws to bend, shape or pull wire; holes for looping wire ends

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTS (AWG)	STRIPS (AWG)
87-1011	1011	6-1/8	10-20	10-20



87-1001 (1001) Multi-Purpose Electrician's Tool



- Two wire cutters; one at tip the other halfway back near stripping holes-double the utility of this tool
- Crimps, cuts and strips; cleanly shears bolts
- Pivot nut adjusts tension
- Left and right-hand holes near tip for looping wire ends
- Wire cutter in nose and below pivot
- Crimping dies color-coded for easy identification

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	CRIMPS INSULATED (AWG)	CRIMPS NON-INSULATED (AWG)	SCREW/BOLT SHEARING SIZE
87-1001	1001	8-1/2	8-22 (solid) 10-26 (stranded)	10-22	10-22	4-40, 6-32, 8-32, 10-24, 10-32



87-1010 (1010) Multi-Purpose Electrician's Tool - Long-Nose



- Crimps, cuts and strips; cleanly shears bolts
- Narrow serrated pliers nose to pull, loop and bend wire
- Long curved cutting blade
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight spaces

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	STRIPS (AWG)	CRIMPS INSULATED (AWG)	CRIMPS NON-INSULATED (AWG)	SCREW/BOLT SHEARING SIZE
87-1010	1010	8-1/4	10-22	10-22	10-22	4-40, 5-40, 6-32, 8-32, 10-24, 10-32



87-1005 (1005) Crimping/Cutting Tool - Insulated/Non-Insulated Terminals



- Crimping die marked for insulated and non-insulated solderless terminals and connectors
- Tapered nose design for working in confined spaces
- Special hardened wire cutter in nose

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CRIMPS INSULATED (AWG)	CRIMPS NON-INSULATED (AWG)
87-1005	1005	9-3/4	10-22	10-22

WIRE STRIPPERS, CRIMPERS & CUTTING TOOLS



87-1006 (1006) Crimping/Cutting Tool – Non-Insulated/Insulated Terminals



- Designed for crimping non-insulated solderless terminals and connectors
- Tapered nose for working in confined spaces
- Special hardened wire cutter in nose

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CRIMPS INSULATED (AWG)	CRIMPS NON-INSULATED (AWG)
87-1006	1006	9-3/4	—	10-22



87-D275-5 (D275-5) Lightweight Flush Diagonal-Cutting Electronics Pliers



- Shear cutting greatly reduces cutting effort and minimizes fly-off
- Cushioned grips and steel return spring for increased comfort during repetitive cutting
- Ultra slim profile increases access in confined areas

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTS (AWG)
87-D275-5	D275-5	5	Up to 18



87-63050 (63050) High-Leverage Cable Cutters



- High-leverage design for exceptional cutting capability
- Precision one-hand shearing action
- Cable-gripping shear-type jaws
- Perfect for working in confined spaces

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CABLE CUTTING CAPACITY
87-63050	63050	9-1/2	4/0 aluminum, 2/0 soft copper, 100 pair 24 AWG communications wire

HAND TOOLS

Wrenches



87-68309 (68309) Refrigeration Service Wrench – Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
87-68309	68309	—	3/16, 1/4, 1/2, 9/16	Reversible Ratchet	Flat



87-68310 (68310) Refrigeration Service Wrench – Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
87-68310	68310	—	3/16, 1/4, 5/16, 3/8	Reversible Ratchet	Flat



87-TLSWL (TLSWL) Refrigeration Service Wrench – Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
87-TLSWL	TLSWL	1/2, 9/16	3/16, 1/4	Reversible Ratchet	Flat



87-TLSWS (TLSWS) Refrigeration Service Wrench – Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
87-TLSWS	TLSWS	—	3/16, 1/4, 5/16, 3/8	Reversible Ratchet	Flat

HAND TOOLS

Wrenches



87-TLSWO (TLSWO) Refrigeration Service Wrench – Offset Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
87-TLSWO	TLSWO	—	3/16, 1/4, 5/16, 3/8	Reversible Ratchet	Offset Socket Heads



70082 Refrigeration Service Wrench – Ratcheting



PART NO	VENDOR PART NO	HEX SOCKET SIZES (IN)	SQUARE SOCKET SIZES (IN)	TYPE	WRENCH CONFIG
70082	70082	—	1/4, 3/8, 3/16, 5/16	Reversible Ratchet	Flat



Hex Key Inserts for Refrigeration Service Wrenches

PART NO	DESCRIPTION
10550	Refrigeration Wrench Hex Key Inserts - 3/16 in. (1/4 in. square drive)
10551	Refrigeration Wrench Hex Key Inserts - 5/16 in. (1/4 in. square drive)



3-Piece Fully Reversible Ratcheting Offset Box Wrench Set



- Set of three offset and fully reversible ratcheting 6-point box wrenches: 1/4 and 5/16 inch, 3/8 and 7/16 inch, 1/2 and 9/16 inch
- Includes heavy-duty plastic pouch with grommet hole for hanging

PART NO	VENDOR PART NO	DESCRIPTION
87-68244	68244	3-Piece Fully Reversible Ratcheting Offset Box Wrench Set



9-Piece Combination Wrench Set w/Pouch



Includes 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 inch combination wrenches with 12-point box end and canvas pouch.

PART NO	VENDOR PART NO	DESCRIPTION
87-68402	68402	9-Piece Combination Wrench Set w/Pouch

Adjustable Wrenches



Adjustable Wrenches – Standard Capacity



- Knurl turns smoothly for easy operation
- Precision-machine jaws are individually selected and assembled by hand for smooth operation
- Forged heat-treated alloy steel for maximum strength and light weight
- High polish chrome finish

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	MAX JAW CAPACITY (IN)
87-D500-18	D500-18	18-1/4	2-1/16



Adjustable Wrenches – Extra Capacity



- Knurl turns smoothly for easy operation
- Precision-machine jaws are individually selected and assembled by hand for smooth operation
- Forged heat-treated alloy steel for maximum strength and light weight
- High polish chrome finish

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	MAX JAW CAPACITY (IN)
87-D507-6	D507-6	6-3/8	15/16
87-D507-8	D507-8	8-3/8	1-1/8
87-D507-10	D507-10	10-3/8	1-5/16
87-D507-12	D507-12	12-3/8	1-1/2

HAND TOOLS

Pliers



Channel-Lock Pliers

- Secure tongue and groove design for non-slip grip – even with heavy pressure
- Wide range of versatile jaw positions



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	MAX JAW CAPACITY (IN)	HANDLE FINISH	HANDLE COLOR
87-D502-6	D502-6	6-1/2	7/8	Plastic-clipped	Yellow
87-D502-10	D502-10	10	1-3/4	Plastic-clipped	Yellow
87-D502-12	D502-12	12-1/4	2-3/8	Plastic-clipped	Yellow



Channel-Lock Pliers (Journeyman)

- Secure tongue and groove design for non-slip grip – even with heavy pressure
- Wide range of versatile jaw positions
- Tension-loaded joint to reduce handle wobble for sure gripping
- Induction-hardened jaws for long life



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	MAX JAW CAPACITY (IN)	HANDLE FINISH	HANDLE COLOR
87-J502-10	J502-10	10-1/4	1-3/4	Journeyman	Yellow/Black



Slip-Joint Pliers

- Shear-type cutter for precision wire cutting
- Two versatile jaw positions
- Serrated jaws provide sure-gripping power
- Nickel-chrome plated for long life
- Knurled handles for greater leverage



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D511-6	D511-6	6-9/16	1-3/16	1-3/16	Plastic-dipped	Turquoise Blue



Slip-Joint Pliers – Hose Clamp

- Quickly installs and removes spring-tension hose clamps
- Grips with either end or side of jaws for work in confined areas
- Nickel-chrome plated for long life



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D514-8	D514-8	8-1/16	1-3/8	1-1/4	Plastic-dipped	Turquoise Blue

Side-Cutting Pliers



Side-Cutting Pliers – High-Leverage

- Induction-hardened cutting knives for long life
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D213-8NE	D213-8NE	8-11/16	1-7/16	Plastic-clipped	Dark Blue
87-D213-9NE	D213-9NE	9-3/8	1-19/32	Plastic-clipped	Dark Blue



Side-Cutting Pliers – High-Leverage – Heavy-Duty

- Induction-hardened cutting knives for long life
- Cuts ACSR, screws, nails and most hardened wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- Features combination polished and black-oxide finish



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D2000-9NE	D2000-9NE	9-3/8	1-19/32	Plastic-clipped	Royal Blue

HAND TOOLS

Side-Cutting Pliers



Side-Cutting Pliers – High-Leverage – Heavy-Duty (Journeyman)



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J2000-9NE	J2000-9NE	9-1/2	1-19/32	Journeyman	Light Blue/Black



Side-Cutting Pliers – High-Leverage/Connector Crimping



- Induction-hardened cutting knives for long life
- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- High-leverage design; rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaws

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D213-9NE-CR	D213-9NE-CR	9-3/8	1-19/32	Plastic-dipped	Yellow



Side-Cutting Pliers – High-Leverage/Connector Crimping (Journeyman)



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J2000-9NECR	J2000-9NECR	9-1/2	1-19/32	Journeyman	Light Blue/Black

Diagonal-Cutting Pliers



Diagonal-Cutting Pliers – High-Leverage



- Induction hardened knives for long life
- High-leverage design; rivet is closer to the cutting edge for 36% greater cutting power than other plier designs

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D228-7	D228-7	7-1/8	13/16	1-3/16	Plastic-dipped	Red
87-D228-8	D228-8	8-1/16	13/16	1-3/16	Plastic-dipped	Red



Diagonal-Cutting Pliers – High-Leverage – Heavy-Duty (Journeyman)



- Induction-hardened knives for long life
- High-leverage design; rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs
- Short jaws and beveled cutting edges permit close cutting of wire

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J2000-28	J2000-28	8-1/8	13/16	1-3/16	Journeyman	Light Blue/Black



Diagonal-Cutting Pliers – High-Leverage – Angled Head



Angled head design for easy work in confined spaces.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D248-8	D248-8	8-1/16	13/16	1-3/16	Plastic-dipped	Red



Diagonal-Cutting Pliers – High-Leverage – Angled Head – Heavy-Duty



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D2000-48	D2000-48	8-1/16	13/16	1-3/16	Plastic-dipped	Royal Blue

HAND TOOLS

Diagonal-Cutting Pliers



Diagonal-Cutting Pliers – High-Leverage – Angled Head – Heavy-Duty (Journeyman)

KLEIN TOOLS

150

JOURNEYMAN

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J2000-48	J2000-48	8-1/8	13/16	1-3/16	Journeyman	Light Blue/Black



Diagonal-Cutting Pliers – Tapered Nose

Easy working in confined spaces.

KLEIN TOOLS

150

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D202-6	D202-6	7-11/16	1	31/32	Plastic-dipped	Red



Diagonal-Cutting Pliers – Tapered Nose – Heavy-Duty

KLEIN TOOLS

150

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	JAW WIDTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D220-7	D220-7	6-1/8	13/16	11/16	Plastic-dipped	Red

Needle-Nose (Long-Nose) Pliers



Needle-Nose Pliers – Midget Slim-Nose

- Lightweight slim-nose pliers for precision subminiature assembly work
- Knurled jaws for sure-wrapping and looping
- Curved handles provide greater tool control

KLEIN TOOLS

150

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D321-41/2C	D321-41/2C	4-13/16	1-1/16	Plastic-dipped	Royal Blue



Needle-Nose Pliers – Long Reach

- Knurled jaws for sure wrapping and looping
- Extended handles provide added reach and leverage

KLEIN TOOLS

150

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D314-8	D314-8	8-1/8	1-15/16	Plastic-dipped	Yellow



Needle-Nose Pliers – Side-Cutting

- Induction-hardened long-lasting cutting knives
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control

KLEIN TOOLS

150

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D203-6	D203-6	6-5/8	1-7/8	Plastic-dipped	Yellow
87-D203-7	D203-7	7-3/16	2-7/16	Plastic-dipped	Yellow



Needle-Nose Pliers – Side-Cutting (Journeyman)

- Induction-hardened long-lasting cutting knives
- Knurled jaws for sure wrapping and looping

KLEIN TOOLS

150

JOURNEYMAN

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J203-6	J203-6	6-3/4	1-7/8	Journeyman	Yellow/Black

HAND TOOLS

Needle-Nose (Long-Nose) Pliers



Needle-Nose Pliers – Side-Cutting – Heavy Duty (Journeyman)

- Heavier design for greater cutting power
- Extended handles provide added reach and leverage
- Induction-hardened long-lasting cutting knives
- Knurled jaws for sure-wrapping and looping



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-J203-8	J203-8	8-9/16	2-5/16	Journeyman	Yellow/Black



Needle-Nose Pliers – Side-Cutting/Wire Stripping – Heavy-Duty

- Cleanly strips 12 AWG wire
- Heavier design for greater cutting power
- Induction-hardened long-lasting cutting knives
- Knurled jaws for sure-wrapping and looping



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D203-8N	D203-8N	8-7/16	2-5/16	Plastic-dipped	Yellow



Needle-Nose Pliers – Side-Cutting/Wire Stripping/Wire Crimping – Heavy-Duty

- Cleanly strips 12 AWG wire; crimps connectors, lugs and terminals
- Heavier design for greater cutting power
- Induction-hardened long-lasting cutting knives
- Knurled jaws for sure-wrapping and looping



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D203-8NCR	D203-8NCR	8-7/16	2-5/16	Plastic-dipped	Yellow



Insulated Needle-Nose Pliers – Side-Cutting – Heavy Duty

- Insulated handles rated up to 1000V
- Individually tested to exceed standards
- Extended handles provide added reach and leverage
- Induction-hardened cutting knives for long life
- Heavier design for easier, more comfortable cutting



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	JAW LENGTH (IN)	HANDLE FINISH	HANDLE COLOR
87-D203-8-INS	D203-8-INS	8-7/8	2-5/16	Insulated	Orange

Hex-Keys

Folding Hex-Key Sets

Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket.



PART NO	VENDOR PART NO	DESCRIPTION
87-70579	70579	3/16, 7/32, 1/4, 5/16, 3/8
87-70581	70581	0.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32
87-70591	70591	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

Folding Hex-Key Sets (Grip-It)

- Grip-It® handle provides sturdy comfortable grip to maximize torque
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket



PART NO	VENDOR PART NO	DESCRIPTION
87-70570	70570	3/16, 7/32, 1/4, 5/16, 3/8
87-70574	70574	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4
87-70575	70575	0.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16

HAND TOOLS



Hex-Keys

L-Style Hex-Key Caddy Set (Ball Ends)

Ball-end works on angles up to 30 degrees.



PART NO	VENDOR PART NO	DESCRIPTION
87-BLK12	BLK12	0.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16

L-Style Hex-Key Caddy Sets (Square-Cut)

- L-style hex keys in convenient caddy sets
- Caddy contains a unique locking feature and marked slots for each key
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket



PART NO	VENDOR PART NO	DESCRIPTION
87-LLK12	LLK12	0.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16



T-Handle Hex-Key Sets

- T-handle design delivers more torque to the fasteners
- Molded-in finger grooves for comfort



PART NO	VENDOR PART NO	DESCRIPTION
87-89954	89954	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4



T-Handle Hex-Key Sets with Stand

Furnished complete with a rugged metal stand for convenient hanging, storage on bench or wall.



PART NO	VENDOR PART NO	DESCRIPTION
87-70153	70153	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

Cushion-Grip Screwdrivers

- Cushion-Grip handle allows for greater torque and comfort
- Integral flanges inside handle provide solid twist-resistant blade anchor
- Special heat-treated shafts
- Patented Tip-Ident® quickly identifies the type of screwdriver and tip



Cushion-Grip Cabinet-Tip Screwdrivers – Round-Shanks

Narrow cabinet tip permits blade access where space is limited.



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-601-3	601-3	6-3/4	3	Round	Cabinet	3/16
87-601-4	601-4	7-3/4	4	Round	Cabinet	3/16
87-601-6	601-6	9-3/4	6	Round	Cabinet	3/16
87-601-8	601-8	11-3/4	8	Round	Cabinet	3/16



Cushion-Grip Cabinet-Tip Screwdrivers – Heavy-Duty Round-Shanks

- Narrow cabinet tip permits blade access where space is limited
- Heavy-duty shank



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-605-4	605-4	8-11/32	4	Round	Cabinet	1/4
87-605-6	605-6	10-11/32	6	Round	Cabinet	1/4
87-605-8	605-8	12-11/32	8	Round	Cabinet	1/4

HAND TOOLS

Cushion-Grip Screwdrivers



Cushion-Grip Keystone-Tip Screwdrivers – Heavy-Duty Round-Shanks



Hex bolster reinforces shank for hard use and allows wrench-assisted turning.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-602-4	602-4	8-11/32	4	Round	Keystone	1/4
87-602-6	602-6	10-5/16	6	Round	Keystone	5/16
87-602-8	602-8	13-7/16	8	Round	Keystone	3/8



Cushion-Grip Keystone-Tip Screwdrivers – Heavy-Duty Square-Shanks



- Heavy-duty square shank for wrench-assisted turning
- Bolster reinforces shank for hard use
- Designed for the most demanding uses

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-600-4	600-4	8-11/32	4	Square	Keystone	1/4
87-600-6	600-6	10-15/16	6	Square	Keystone	5/16
87-600-8	600-8	13-7/16	8	Square	Keystone	3/8



Cushion-Grip Profilated Phillips-Tip Screwdrivers – Round-Shanks



- Tips are precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers
- Provides accurate fit and torque without slippage



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP SIZE
87-603-1	603-1	3-7/16	1-1/2	Round	Phillips-Profilated	#2
87-603-3	603-3	6-3/4	3	Round	Phillips-Profilated	#1
87-603-4	603-4	8-5/16	4	Round	Phillips-Profilated	#2
87-603-6	603-6	11	6	Round	Phillips-Profilated	#3
87-603-7	603-7	11-5/16	7	Round	Phillips-Profilated	#2

Cushion-Grip Screwdriver Sets



2-Piece Cushion-Grip Stubby Screwdriver Set



PART NO	VENDOR PART NO	DESCRIPTION
87-85071	85071	Screwdriver Set - 2-Piece Cushion-Grip Stubby

OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)/SIZE
3-7/16	1-1/2	Round	Keystone	1/4
3-7/16	1-1/2	Round	Phillips	#2

HAND TOOLS

Cushion-Grip Screwdriver Sets

7-Piece Cushion-Grip Screwdriver Set



PART NO	VENDOR PART NO	DESCRIPTION				
87-85076	85076	Screwdriver Set - 7-Piece Cushion-Grip				
	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)/SIZE	
	8-11/32	4	Square	Keystone	1/4	
	10-15/16	6	Round	Keystone	5/16	
	6-3/4	3	Round	Cabinet	3/16	
	9-3/4	6	Round	Cabinet	3/16	
	8-11/32	4	Round	Cabinet	1/4	
	6-3/4	3	Round	Phillips	#1	
	8-5/16	4	Round	Phillips	#2	

7-Piece Cushion-Grip Multiple-Application Screwdriver Set



PART NO	VENDOR PART NO	DESCRIPTION				
87-85077	85077	Screwdriver Set - 7-Piece Cushion-Grip Multiple-Application				
	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)/SIZE	
	8-11/32	4	Square	Keystone	1/4	
	9-3/4	6	Round	Cabinet	3/16	
	10-15/16	6	Round	Keystone	5/16	
	8-5/16	4	Round	Phillips	#2	
	10-11/32	6	Round	Cabinet	1/4	
	9-3/4	6	Rnd-Crank Action	Cabinet	3/16	
	9-3/4	6	Rnd-Screw Holding	Slotted	1/4	

Plastic Handle Screwdrivers

- Tough amber plastic handle
- Integral flanges inside handle provide solid twist-resistant shaft anchor



Plastic-Handle Cabinet-Tip Screwdrivers – Round-Shanks



- Small-diameter shank for use in recessed holes or tight places
- Well-suited for electrical and telecommunications work

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-A216-6	A216-6	9	6	Round	Cabinet	1/8
87-A3166	A316-6	9-5/8	6	Round	Cabinet	3/16



Plastic-Handle Keystone-Tip Screwdrivers – Round-Shanks



- Oversized handle is 35% larger than comparable screwdriver handles
- Delivers up to 50% extra power to perform tough jobs with minimum effort

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-BD144	BD144	8-1/2	4	Round	Keystone	1/4

HAND TOOLS

Plastic Handle Screwdrivers



Plastic-Handle Cabinet-Tip Screwdrivers – Square-Shanks



- Oversized handle is 35% larger than comparable screwdriver handles
- Delivers up to 50% extra power to perform tough jobs with minimum effort
- Square shank for wrench-assisted turning

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-BD286	BD286	10-1/2	6	Square	Keystone	1/4



Plastic-Handle Profilated Phillips-Tip Screwdrivers – Round-Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP SIZE
87-BD122	BD122	8-1/2	4	Round	Phillips	#2



Plastic-Handle Cabinet-Tip Screwdrivers – Pocket-Clip



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-A130-3	A130-3	4-7/8	3	Round	Cabinet	1/8
87-A116-3	A116-3	5-7/16	3	Round	Cabinet	3/32

Screw-Holding Screwdrivers



Slotted Screw-Holding Screwdrivers



- Split-blade screw-holding driver wedges into screw slot
- Positive gripping action holds, starts, and drives slotted screws in awkward, hard to reach places
- Not designed for torquing or tightening
- Blade thickness of 0.043 inches expanding to 0.085 inches

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP WIDTH (IN)
87-K38	K38	11-3/4	8	—	Slotted-Screw Holding	1/4



Phillips-Tip Screw-Holding Screwdrivers



- Blade separates to hold the fastener
- Not designed for torquing or tightening
- Positive gripping action holds and starts Phillips screws in awkward, hard to reach places

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	SHANK STYLE	TIP DESC.	TIP SIZE
87-K16	K16	7	—	—	Phillips-Screw Holding	All

Specialty Screwdrivers



10-in-1 Screwdriver/Nut Driver



Includes two nut drivers (1/4 and 5/16 inch); two Phillips-tip (#1 and #2); two TORX bits (#10 and #15) and two square-recess bits (#1 and #2).

PART NO	VENDOR PART NO	DESCRIPTION
87-32477	32477	10-in-1 Screwdriver/Nut Driver



5-in-1 Screwdriver/Nut Driver



Includes 5/16 inch nut driver; two Phillips-tip (#1 and #2); two standard-tips (3/16 and 9/32).

PART NO	VENDOR PART NO	DESCRIPTION
87-32476	32476	5-in-1 Screwdriver/Nut Driver

HAND TOOLS

Specialty Screwdrivers



4-in-1 Screwdriver

Includes standard-tips (3/16 and 9/32 inch) and two Phillips-tips (#1 and #2).



PART NO	VENDOR PART NO	DESCRIPTION
87-32460	32460	4-in-1 Screwdriver



Auto-Loading Screwdriver



- Patented auto-loading bit design
 - Pull handle back to move bit to storage chamber
 - Rotate handle to select bit
 - Push handle forward to load bit
- Standard 1/4 inch hex drive; includes six replaceable industrial grade bits; three standard-tip screwdriver bits; two Phillips-tip bits; and one valve core removal tip
- Magnetic head holds fastener in place

PART NO	VENDOR PART NO	DESCRIPTION
87-TLSD1	TLSD1	Auto-Loading Screwdriver

Cushion-Grip Nut Drivers

- Cushion-Grip handle allows for greater torque and comfort
- Patented Tip-Ident® quickly identifies nut driver and size



Cushion-Grip Nut Drivers – 3 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-630-1/4	630-1/4	6-3/4	3	1/4
87-630-5/16	630-5/16	6-3/4	3	5/16
87-630-3/8	630-3/8	6-3/4	3	3/8
87-630-7/16	630-7/16	7-5/16	3	7/16



Cushion-Grip Nut Drivers – 6 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-646-1/4	646-1/4	9-3/4	6	1/4
87-646-5/16	646-5/16	9-3/4	6	5/16
87-646-3/8	646-3/8	9-3/4	6	3/8
87-646-1/2	646-1/2	10-5/16	6	1/2



Cushion-Grip Magnetic Long Nut Drivers – 18 Inch Shanks



Rare earth magnetic tip.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-618-1/4M	618-1/4M	21-3/4	18	1/4
87-618-5/16	618-5/16M	21-3/4	18	5/16

HAND TOOLS

Plastic-Handle Nut Drivers



Plastic-Handle Stubby Nut Drivers – 1-1/4 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-SS8-1/4	SS8	3-3/4	1-1/4	1/4
87-SS10-5/16	SS10	3-3/4	1-1/4	5/16
87-SS12-3/8	SS12	3-3/4	1-1/4	3/8



Plastic-Handle Nut Drivers – 3 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-S8-1/4	S8	6-5/8	3	1/4
87-S10-5/16	S10	6-5/8	3	5/16
87-S12-3/8	S12	6-5/8	3	3/8
87-S14-7/16	S14	7	3	7/16
87-S11-11/32	S11	6-5/8	3	11/32



Plastic-Handle Nut Drivers – 6 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-S86-1/4	S86	9-5/8	6	1/4
87-S106-5/16	S106	9-5/8	6	5/16
87-S126-3/8	S126	9-5/8	6	3/8
87-S116-11/32	S116	9-5/8	6	11/32



Plastic-Handle Long Nut Drivers – 18 Inch Shanks



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-S818M	S818M	21-5/8	18	1/4
87-S1018M	S1018M	21-5/8	18	5/16



Plastic-Handle Magnetic Nut Drivers – 3 Inch Shanks



Rare earth magnetic tip.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-S8M-1/4	S8M	6-5/8	3	1/4
87-S10M-5/16	S10M	6-5/8	3	5/16



Plastic-Handle Magnetic Nut Drivers – 6 Inch Shanks



Rare earth magnetic tip.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	BLADE/SHANK LENGTH (IN)	HEX SIZE (IN)
87-S86M-1/4	S86M	9-5/8	6	1/4
87-S106M-5/16	S106M	9-5/8	6	5/16

HAND TOOLS

Nut Driver Sets



7-Piece Plastic-Handle Nut Driver Set – 3 Inch Shanks

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes
- Convenient vinyl pouch hangs up, rolls up



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-K7	K7	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2



7-Piece Cushion-Grip Nut Driver Set – 3 Inch Shanks

- General-purpose selection of the most frequently used nut drivers with 3 inch shanks
- Cushion-Grip handle allows for greater torque and comfort
- Patented Tip-Ident® quickly identifies nut driver and size
- Includes reusable plastic container



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-631S	631	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2



7-Piece Cushion-Grip Nut Driver Set – 6 Inch Shanks

- General-purpose selection of the most frequently used nut drivers with 6 inch shanks
- Cushion-Grip handle allows for greater torque and comfort
- Patented Tip-Ident® quickly identifies nut driver and size
- Includes reusable plastic container



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-647L	647	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2



2-Piece Cushion-Grip Magnetic Nut Driver Set – 1-1/2 Inch Shanks

Rare earth magnetic tip.



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-610M	610M	1/4, 5/16



2-Piece Cushion-Grip Magnetic Nut Driver Set – 3 Inch Shanks

Rare earth magnetic tip.



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-630M	630M	1/4, 5/16



2-Piece Cushion-Grip Magnetic Nut Driver Set – 6 Inch Shanks

Rare earth magnetic tip.



PART NO	VENDOR PART NO	INCLUDES SIZES (IN)
87-646M	646M	1/4, 5/16

HAND TOOLS

"Jiffy Chucks" Magnetic Hex-Drive Chucks



875029 & 875030 "Jiffy Chuck" Magnetic Hex-Drive Chuck Sets

Includes carrying case, four assorted lengths of 1/4 inch hex-drive chucks; four assorted lengths of 5/16 inch hex-drive chucks and one 1-3/4 inch long 3/8 inch hex-drive chuck. 875030 also includes quick-change adapter for 3/8 inch or 5/16 inch chuck.

PART NO	DESCRIPTION
875029	Magnetic Hex-Drive Chuck Set - 9-Piece
875030	Magnetic Hex-Drive Chuck Set - 9-Piece w/Quick-Change Adapter



86-10112-9PK "Jiffy Chuck" Magnetic Hex-Drive Chuck Assortment

Includes four assorted lengths of 1/4 inch hex-drive chucks; four assorted lengths of 5/16 inch hex-drive chucks and one 1-3/4 inch long 3/8 inch hex-drive chuck.

PART NO	DESCRIPTION
86-10112-9PK	Magnetic Hex-Drive Chuck Assortment - 9-Piece



"Jiffy Chuck" Magnetic Hex-Drive Chucks – 25 Packs

PART NO	DESCRIPTION
86-10224-25PK	Jiffy Chuck - Hex-Drive Chuck - 1/4 in. Hex Opening x 1-3/4 in. long (Pack of 25)
86-10230-25PK	Jiffy Chuck - Hex-Drive Chuck - 5/16 in. Hex Opening x 1-3/4 in. long (Pack of 25)



"Jiffy Chuck" Magnetic Hex-Drive Chucks – Individual Chucks

PART NO	HEX OPENING (IN)	LENGTH (IN)
86-10222	1/4	1-3/4
86-10242	1/4	2-9/16
86-10257	1/4	4
86-10261	1/4	6
86-10228	5/16	1-3/4
86-10246	5/16	2-9/16
86-10265	5/16	4
86-10269	5/16	6

Tapping Tools and Awls



Six-in-One Tapping Tool

- Two high-carbon steel taps are secured in reversible holder
- Quickly forms new threads, reforms burred threads and cleans out plaster obstructions
- Taps sizes 6-32, 8-32, 10-32, 10-24, 12-24 and 1/4-20
- Each tap size rethreads to next larger size if threads are stripped



PART NO	VENDOR PART NO	DESCRIPTION
87-627-20	627-20	Tapping Tool - Six In One



Cushion-Grip Scratch Awl

- Professional heavy-duty hard-pointed awl
- Scribes metal, starts screw holes, performs a variety of piercing and punching jobs
- Rigid, chrome-plated, heat-treated, tempered-steel shank has full reinforcing bolster at handle for extra strength and for handle impact reinforcement
- Internal flanges provide solid shank anchor
- Cushion-Grip handle allows for greater comfort



PART NO	VENDOR PART NO	DESCRIPTION
87-650	650	Scratch Awl - Cushion-Grip

HAND TOOLS



Beverage Tool



- Suitable for users from the apprentice to the demanding professional
- Cushion-Grip handle resists slippage and provides the comfort needed for frequent use
- Bottle cap Tip-Ident® allows for quick identification in tool pouches or crowded drawers
- Professionally designed and rigorously tested by an expert team to handle both foreign and domestic applications
- High-quality stainless steel construction

PART NO	VENDOR PART NO	DESCRIPTION
87-98002BT	98002BT	Beverage Tool

TOOL BAGS AND CARRIERS



Canvas Zipper Bag



- No. 10 canvas bag with strong zipper
- Convenient storage for pliers, wrenches and other tools
- 12-1/2 inches long x 7 inches high

PART NO	VENDOR PART NO	DESCRIPTION
87-5139	5139	Canvas Zipper Bag



Canvas Tool Bag



- Heavy-duty No. 8 natural canvas
- Rivet-reinforced for durability
- Steel-frame mouth with hinge for rugged use
- Stitched and riveted leather handles for comfort and strength
- Two retaining straps with buckles provide secure closure
- Moisture-resistant, vinyl bottom, and lower sides
- Non-scratch studs on base protect against wear
- 16 inches long x 6 inches wide x 14 inches deep

PART NO	VENDOR PART NO	DESCRIPTION
87-5102-16	5102-16	Tool Bag - Canvas



Canvas Tool Bag – Multiple Pockets



- Steel frame mouth with hinge for rugged use
- Constructed of strong No. 8 natural canvas
- Reinforced bottom supports heavy tools, blocks moisture, and provides durability at wear points
- Wide opening provides easy access to large tools
- Bottom is protected from the elements by six studs
- Shoulder strap mounts, leather bottom and 3 inch of sides covered with black leather
- Wide 2 inch web handles, leather handle wrap and external tool loop handle in the webbing
- Ten interior pockets in a variety of sizes and one exterior pocket
- 18 inches long x 6 inches wide x 14 inches deep

PART NO	VENDOR PART NO	DESCRIPTION
87-5003-18	5003-18	Tool Bag - Canvas - Multiple Pockets



Tool Tote with Shoulder Strap



- Constructed of double-layered 600 x 300 denier polyester to resist wear and tear on the jobsite
- Water-resistant to avoid the buildup of mold and mildew
- 2 inch wide polypropylene padded carrying handles with comfortable leather wrap
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility
- Durable molded bottom with drain holes to prevent wear retention
- Five interior pockets and seven exterior pockets
- 15-1/2 inches long x 7-1/2 inches wide x 10 inches deep

PART NO	VENDOR PART NO	DESCRIPTION
87-58888	58888	Tool Tote

TOOL BAGS AND CARRIERS



Padded Adjustable Shoulder Strap

- Shoulder strap for canvas tool bags
- Adjustable from both ends for a perfect fit



PART NO	VENDOR PART NO	DESCRIPTION
87-58889	58889	Shoulder Strap - Padded Adjustable



Mobile Phone Holders

- Fits most mobile phones
- Metal belt clip for simple mounting and removal from belts up to 2 inches wide
- Closable flap features genuine Velcro brand touch fastener
- Closed bottom for convenient storage



PART NO	VENDOR PART NO	DESCRIPTION
87-5715S	5715S	Mobile Phone Holder - Small (4-1/2 in. x 2-5/8 in.)
87-5715M	5715M	Mobile Phone Holder - Medium (5-1/2 in. x 2-5/8 in.)
87-5715	5715	Mobile Phone Holder - Large (6-1/2 in. x 3-5/8 in.)

GALLO CO2 DRAIN GUN



A lightweight portable tool designed to blow out condensate drain lines. Provides a 800 psi burst of clean oil-free air.



PART NO	DESCRIPTION
GG-1	Gallo CO2 Drain Gun
GGC-12	Swoosh CO2 Cartridges for Gallo Gun (Pack of 12)

AVIATION SNIPS

Offset Aviation Snips – Klein Tools

Offset snips flow material away from blades making long cuts easier and cut tighter curves.



87-2100L (2100L) Offset Aviation Snips – Left



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-2100L	2100L	9-1/2	1-1/4	Left	18	22



87-2101R (2101R) Offset Aviation Snips – Right



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-2101R	2101R	9-1/2	1-1/4	Right	18	22



87-2100S (2100S) Offset Aviation Snips – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-2100S	2102S	9-1/2	1-1/2	Straight	18	22

AVIATION SNIPS

Offset Aviation Snips – Midwest

Offset snips flow material away from blades making long cuts easier and cut tighter curves.



87-P6510L (P6510L) Offset Aviation Snips – Left



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6510L	P6510L	10	1-1/4	Left	18	22



87-P6510R (P6510R) Offset Aviation Snips – Right



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6510R	P6510R	10	1-1/4	Right	18	22



87-P6510S (P6510S) Offset Aviation Snips – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6510S	P6510S	10	1-1/2	Straight	18	22

Standard Aviation Strips



87-P6716L (P6716L) Standard Aviation Snips – Left



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6716L	P6716L	10	1-3/8	Left	18	22



87-P6716R (P6716R) Standard Aviation Snips – Right



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6716R	P6716R	10	1-3/8	Right	18	22



87-P6716S (P6716S) Standard Aviation Snips – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6716S	P6716S	10	1-1/2	Straight	18	22

Offset Aviation Snips – Midwest



87-SSP6716L (SSP6716L) Offset Aviation Snips – Left (Special Hardness/Heavy Duty)



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-SSP6716L	SSP6716L	10	1-3/8	Left	—	22



87-SSP6716R (SSP6716R) Offset Aviation Snips – Right (Special Hardness/Heavy Duty)



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-SSP6716R	SSP6716R	10	1-3/8	Right	—	22

AVIATION SNIPS

Upright Aviation Snips

Right angle blades make cutting complete circles easier in tight spaces using a push or pull motion.

87-P6900L (P6900L) Upright Aviation Snips – Left



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6900L	P6900-L	8	1-1/4	Left	24	28

87-P6900R (P6900R) Upright Aviation Snips – Right



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6900R	P6900-R	8	1-1/4	Right	24	28

Long Straight Cut Aviation Snips

87-P6716A (P6716A) Aviation Snips – Straight (Long Cut)



Makes long cuts faster on a variety of materials.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6716A	P6716A	12	3	Straight	20	24

TINNER SNIPS

Midwest tinner snips feature hot-drop forged blades for exceptional strength and edge life, “Kush’n-Kote” vinyl grips to comfort user’s hand and a full polish finish.

Straight Tinner Snips

Cuts left and right wide curves, and power straight cuts.

87-P77S (P77S) Straight Tinner Snips – 7 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P77S	P77S	7	1-3/4	—	24	28

87-P107S (P107S) Straight Tinner Snips – 10 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P107S	P107S	10	2-1/2	—	22	26

87-P127S (P127S) Straight Tinner Snips – 12 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P127S	P127S	12	3	—	20	22

Combination Tinner Snips

Cuts left and right wide curves, and power straight cuts.

87-P147C (P147C) Combination Tinner Snips – 14 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P147C	P147C	14	3-7/8	—	18	22

TINNER SNIPS

Circular “Duckbill” Tinner Snips

For cutting tight left or right curves and straight cuts.

87-P77D (P77D) Circular Tinner Snips – 7 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P77D	P77D	7	1-3/4	—	26	28

87-P107D (P107D) Circular Tinner Snips – 10 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P107D	P107D	10	2-1/2	—	24	26

87-P127D (P127D) Circular Tinner Snips – 12 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P127D	P127D	12	3	—	22	24

Bulldog Tinner Snips

Big powerful pattern cuts thick materials, reinforced seams, and multiple layers of sheet materials.

87-P167B (P167B) Bulldog Tinner Snips – 16 Inch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P167B	P167B	16	2-1/2	—	16	18

SPECIALTY SNIPS

87-P657N (P657N) Needle Nose Snips



Cuts intricate curves; forged blades for strength and sharpness.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P657N	P657N	6-1/2	1-1/4	—	24	28

87-2103 (2103) Bulldog/Notch Snips



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-2103	2103	9-1/4	7/8	Notch	18	22

87-P6716B (P6716B) Bulldog/Notch Snips



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	CUTTING LENGTH (IN)	CUTTING PATTERN	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-P6716B	P6716B	9-1/2	7/8	Notch	16	18

87-P6300 (P6300) Cable Cutter Snips



Compound leverage handles and M2 tool steel blade inserts, easily cuts heavy cable and wire.

PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THICKNESS MILD STEEL ROD (IN)	THICKNESS STEEL WIRE ROPE (IN)	THICKNESS STAINLESS STEEL WIRE ROPE (IN)
87-P6300	P6300	9	1/8	5/32	1/8

SPECIALTY SNIPS



87-M1200 (M1200) Replaceable Blade Snips

Use in either hand; cuts straight, as well as wide curves; blades are replaceable.



PART NO	VENDOR PART NO	DESCRIPTION
87-M1200	M1200	Snips - Replaceable Blade - 12 in.



87-M1200R (M1200R) Replacement Blades for 87-M1200 (M1200)



PART NO	VENDOR PART NO	DESCRIPTION
87-M1200R	M1200R	Replacement Blades for 87-M1200 (M1200)

SHEET METAL TOOLS

Seamers

87-86552 (86552) Seamer – Offset



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-86552	86552	8	1-1/4	3	22	24

87-FCTMS2 (FCTMS2) Seamer – Offset



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMS2	FCTMS2	8-1/4	1-1/4	3-3/16	22	26

87-86553 (86553) Seamer – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-86553	86553	8-3/8	1-1/4	3	22	24

87-FCTMS1 (FCTMS1) Seamer – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMS1	FCTMS1	8-1/4	1-1/4	3-3/16	22	26

87-FCTMS6 (FCTMS6) Seamer – Straight



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMS6	FCTMS6	8-1/4	1-1/4	6	22	26

Notchers

87-86551 (86551) Notcher



PART NO	VENDOR PART NO	THROAT DEPTH (IN)	NOTCH ANGLE (DEGREES)	METAL THICKNESS - COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-86551	86551	13/16	30	22	24

87-FCTMN1 (FCTMN1) Notcher



PART NO	VENDOR PART NO	THROAT DEPTH (IN)	NOTCH ANGLE (DEGREES)	METAL THICKNESS - COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMN1	FCTMN1	13/16	31	22	26

SHEET METAL TOOLS

Crimpers



87-86550 (86550) Crimper – 5-Blade



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-86550	86550	9	1-1/2	3/4	24	28



87-FCTMC5 (FCTMC5) Crimper – 5-Blade



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMC5	FCTMC5	10	1-3/4	7/8	24	28



87-FCTMC5S (FCTMC5S) Crimper – 5-Blade



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMC5S	FCTMC5S	9-1/4	1-1/4	13/16	24	28

Snap Lock Punches



87-FCTML1 (FCTML1) Snap Lock Punch



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	THROAT DEPTH (IN)	JAW WIDTH (IN)	METAL THICKNESS COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTML1	FCTML1	8	3/8	3/8	24	28

Folding Tools



87-FCTMF1 (FCTMF1) Folding Tool



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	FOLD DEPTH (IN)	METAL THICKNESS - COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMF1	FCTMF1	12	3/8, 1	24	28



87-FCTMF2 (FCTMF2) Folding Tool



PART NO	VENDOR PART NO	OVERALL LENGTH (IN)	FOLD DEPTH (IN)	METAL THICKNESS - COLD ROLLED SHEET METAL (GAUGE)	METAL THICKNESS STAINLESS STEEL (GAUGE)
87-FCTMF2	FCTMF2	18	3/8, 1	24	28

DUCT TOOLS



87-FCTMX1 (FCTMX1) Duct Slitter



Used to scribe a line or pierce and enlarge holes in sheet metal.

PART NO	VENDOR PART NO	DESCRIPTION
87-FCTMX1	FCTMX1	Duct Slitter



87-FCTMP1 (FCTMP1) Pipe Duct Cutter – Double Cut



Three hardened steel blades cleanly cut 1/8 inch wide tracks, producing a uniform cut leaving both edges clean. Suitable for 22 gauge cold-rolled sheet steel and 24 gauge stainless steel.

PART NO	VENDOR PART NO	DESCRIPTION
87-FCTMP1	FCTMP1	Pipe Duct Cutter - Double Cut

DUCT TOOLS



87-FCTMD1 (FCTMD1) Duct Stretcher – Offset

Aligns and pulls ductwork together, easing installation of drive cleats. Offset handle protects hand.



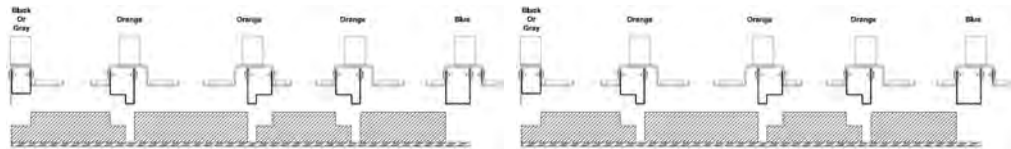
PART NO	VENDOR PART NO	DESCRIPTION
87-FCTMD1	FCTMD1	Duct Stretcher - Offset



Round Hole Duct Cutter

For use with ductboard from 1 to 1-1/2 inches thick. Cuts 3 to 20 inch diameter openings.

PART NO	DESCRIPTION
87-40060	Round Hole Duct Cutter



Ductboard Hand Tools

For use with ductboard from 1 to 1-1/2 inches thick.

PART NO	DESCRIPTION
87-40066	90V/Miter Cut Tool - Red
87-40076	Corner Tool (Left Only) - Orange
87-40070	Corner Tool (Right & Left) - Orange
87-40074	Corner Tool (Right Only) - Orange
87-40072	End Cut-Off Tool (4-in-1) - Blue
87-40068	Female/Rabbet Tool - Gray



AnglerTool

Angler Tool™ is used to make a series of quick layout lines for the most common miter angles used in making air duct fittings. Angler Tool™ allows better control of the accuracy and quality of miter joint cuts.

- 22.5°, 11.25°, and 90° angle sides specifically designed for HVAC installation to create almost any complex fitting
- Rulers on both exterior sides, eliminating the need for an additional ruler
- Quick measurement table for three and five piece elbows with varying throat sizes; use the table to cut any size throat 90° elbow - first decide where the elbow will start, then determine the throat size and reference the table for proper diagonal cut measurements
- Quick measurement table for risers and offsets; create three piece or multiple piece fittings with either a gradual 22.5° slope or a sharp 45°; simply determine the offset and reference the table for proper measurements between the parallel diagonal cuts
- A ductboard scale on the bottom of the tool, in increments of 47 inch duct sections; four most commonly used scales: 3/16 inch, 1/8 inch, 1/4 inch, and 3/8 inch

PART NO	VENDOR	PART NO	DESCRIPTION	CASE QTY	CASE REQ
ANGLERTOOL	DC Tool	88569	Angler Tool	10	Yes

TENSIONING TOOL FOR WIRE & CABLE TIES



Provides one-hand operation for tightening all types of nylon ties, including thin designs. Cutter handle trims excess strap.



PART NO	VENDOR PART NO	DESCRIPTION
87-FACTMT1	FACTMT1	Tensioning Tool-Plastic Tie

AEROSOL PISTOL



Converts aerosol spray cans into a spray gun, eliminating fatigue and allowing steady control. Fits most aerosol spray cans.

PART NO	DESCRIPTION
875032	Aerosol Pistol

TUBE BENDERS & CUTTERS

Tubing Pliers



87-TLPO (TLPO) Tube Pinch-Off Pliers



PART NO	VENDOR PART NO	DESCRIPTION
87-TLPO	TLPO	Tube Pinch-Off Pliers



87-TLPP (TLPP) Tube Piercing Pliers - 1/4 Inch



PART NO	VENDOR PART NO	DESCRIPTION
87-TLPP	TLPP	Tube Piercing Pliers - 1/4 in.

Tube Cutters - CPS



87-TC127 (TC127) Tube Cutter - Mini



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TC127	TC127	1/8 to 5/8	Copper, aluminum, brass, and thin wall steel



87-TC174 (TC174) Tube Cutter - Medium



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TC174	TC174	3/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



87-TC274 (TC274) Tube Cutter - Premium



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TC274	TC274	1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



87-TC312 (TC312) Tube Cutter - Heavy-Duty



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TC312	TC312	1/4 to 1-5/8	Copper, aluminum, brass, and thin wall steel



87-TCSET (TCSET) Tube Cutter Set



Includes 87-TC127 and 87-TC274.

PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TCSET	TCSET	1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel

TUBE BENDERS & CUTTERS



Tube Cutters – Mastercool

70027 Tube Cutter – Mini



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70027	70027	1/8 to 5/8	Copper, aluminum, brass, and thin wall steel



70029 Tube Cutter – Midi



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70029	70029	3/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



70033 Tube Cutter – Heavy-Duty



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70033	70033	1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



70035 Tube Cutter – Heavy-Duty



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70035	70035	1/4 to 1-5/8	Copper, aluminum, brass, and thin wall steel



70037 Tube Cutter – Sliding Ratchet Style



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70037	70037	1/4 to 2-5/8	Copper, aluminum, brass, and thin wall steel



70038 Tube Cutter – Sliding Ratchet Style



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70038	70038	1/4 to 3-1/8	Copper, aluminum, brass, and thin wall steel



70090 Tube Cutter Set



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70090	70090	1/8 to 5/8, 3/8 to 1-1/8, 1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



70090-A Tube Cutter Set



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70090-A	70090-A	1/8 to 5/8, 3/8 to 1-1/8, 1/8 to 1-1/8, 1/4 to 2-5/8	Copper, aluminum, brass, and thin wall steel



70031 Tube Cutter – Ratchet Style



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70031	70031	5/16 to 1-1/8	Copper, aluminum, brass, and thin wall steel

TUBE BENDERS & CUTTERS

Tube Cutters – Uniweld

87-70024 (70024) Tube Cutter – Mini



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-70024	70024	1/4 to 1-1/8	Copper, aluminum, brass, and thin wall steel

87-70001 (70001) Tube Cutter – Premium



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-70001	70001	1/8 to 1-1/4	Copper, aluminum, brass, and thin wall steel

87-TLRM (TLRM) Reamer Tool



Cleans and deburrs both I.D. and O.D. of tubing from 3/16 inch to 1-3/8 inch.



PART NO	VENDOR PART NO	DESCRIPTION
87-TLRM	TLRM	Reamer Tool - 3/16 in. to 1-3/8 in.

Tube Benders – Lever Style

87-TB04 (TB04) Tube Bender – Lever Style (1/4 Inch)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB04	TB04	1/4	Copper, aluminum, brass, and thin wall steel

87-TB06 (TB06) Tube Bender – Lever Style (3/8 Inch)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB06	TB06	3/8	Copper, aluminum, brass, and thin wall steel

87-TB08 (TB08) Tube Bender – Lever Style (1/2 Inch)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB08	TB08	1/2	Copper, aluminum, brass, and thin wall steel

87-TB10 (TB10) Tube Bender – Lever Style (3/4 Inch)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB10	TB10	3/4	Copper, aluminum, brass, and thin wall steel

87-TB12 (TB12) Tube Bender – Lever Style (5/8 Inch)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB12	TB12	5/8	Copper, aluminum, brass, and thin wall steel

87-TB368 (TB368) Tube Bender – Lever Style (Multi Size)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-TB368	TB368	1/4, 5/16, 3/8	Copper, aluminum, brass, and thin wall steel

70069 Tube Bender – Lever Style (Multi Size)



PART NO	VENDOR PART NO	BENDS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70069	70069	3/16, 1/4, 5/16, 3/8	Copper, aluminum, brass, and thin wall steel

TUBE BENDERS & CUTTERS



Tube Benders – Ratchet Style

70070 Tube Bender Kit – Ratchet Style



PART NO	BENDS TUBE OD (IN)	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70070	3/8, 1/2, 5/8, 3/4, 7/8	1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel



70070



CH-404L Tube Bender Kit – Ratchet Style

PART NO	BENDS TUBE OD (IN)	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
CH-404L	3/8, 1/2, 5/8, 3/4, 7/8	1/8 to 1-1/8	Copper, aluminum, brass, and thin wall steel

PIPE CUTTERS – PVC

Pipe Cutters – PVC

87-70078 (70078) PVC Pipe Cutter – Ratchet Style



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-70078	70078	Up to to 1-5/8	PVC and all other plastic pipe

80011 PVC Pipe Cutter – Ratchet Style



PART NO	VENDOR PART NO	CUTS TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
80011	80011	Up to 1-1/2	PVC and all other plastic pipe

FLARING & SWAGING TOOLS

Flaring Tools

87-FT195 (FT195) Flaring Tool



PART NO	VENDOR PART NO	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-FT195	FT195	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8	45	Copper, aluminum, brass, and thin wall steel

87-FT800FN (FT800FN) Flaring Tool



- Engineered to create stronger flare joints for higher pressure R-410A systems
- Includes plastic storage case

PART NO	VENDOR PART NO	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-FT800FN	FT800FN	3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4	45	Copper, aluminum, brass, and thin wall steel

FLARING & SWAGING TOOLS



Flaring Tools

70051 Flaring Tool



PART NO	VENDOR PART NO	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70051	70051	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8	45	Copper, aluminum, brass, and thin wall steel



70052 Flaring Tool



PART NO	VENDOR PART NO	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70052	70052	3/16, 1/4, 5/16, 3/8, 1/2, 5/8	45	Copper, aluminum, brass, and thin wall steel



Flaring & Swaging Tool Sets

87-FS275 (FS275) Flaring and Swaging Tool Set



PART NO	VENDOR PART NO	SWAGES TUBE OD (IN)	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-FS275	FS275	3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	45	Copper, aluminum, brass, and thin wall steel



87-FS275



70053

70053 Flaring and Swaging Tool Set



PART NO	VENDOR PART NO	SWAGES TUBE OD (IN)	FLARES TUBE OD (IN)	FLARE ANGLE (DEGREES)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70053	70053	3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	45	Copper, aluminum, brass, and thin wall steel



Swaging Tool – Hydraulic

Hydraulic Swaging Kit (Hydra-Swage)



Fabricates and expands tubing using hydraulic power.

Includes swaging tool, expander heads, burr removal tool and carrying case.

PART NO	SWAGES TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
71600	3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/8	Copper, aluminum, brass, and thin wall steel



Additional Expander Heads for Hydra-Swage Kit

These additional larger expander heads are available as accessories for the 71600 kit.

PART NO	DESCRIPTION
71600-11	Expander Head - Hydra-Swage (1-3/8 in. O.D. Copper Tube)
71600-13	Expander Head - Hydra-Swage (1-5/8 in. O.D. Copper Tube)
71600-17	Expander Head - Hydra-Swage (2-1/8 in. O.D. Copper Tube)

FLARING & SWAGING TOOLS

Swaging Tool – Punch Type



87-70006 (70006) Multi-Step Swaging Tool – Punch Type



PART NO	SWAGES TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
87-70006	3/16, 1/4, 5/16, 3/8, 1/2, 5/8	Copper, aluminum, brass, and thin wall steel



70040 Multi-Step Swaging Tool – Punch Type



PART NO	SWAGES TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70040	1/4, 5/16, 3/8, 1/2, 5/8	Copper, aluminum, brass, and thin wall steel



70048 Swaging Tool 5-Piece Set – Punch Type



PART NO	SWAGES TUBE OD (IN)	FOR USE ON THE FOLLOWING TUBE MATERIALS
70048	1/4, 5/16, 3/8, 1/2, 5/8	Copper, aluminum, brass, and thin wall steel

SAWS, KNIVES & BLADES

Duct Knives & Jab Saws



87-40062 Duct Knife

PART NO	DESCRIPTION
87-40062	Duct Knife - 4 in. Blade



875033 Duct Knife

Dual edge blade – one non-serrated and one serrated edge; includes sheath.

PART NO	DESCRIPTION
875033	Duct Knife w/Sheath - 6 in. Blade (Dual Edge)



875034 Duct Knife

Dual edge blade – both non-serrated; includes sheath.

PART NO	DESCRIPTION
875034	Duct Knife w/Sheath - 6 in. Blade (Dual Edge)



87-725 (725) Jab Saw



- Cuts drywall, wallboard, plywood and plastic
- Triple ground teeth for a fast cut
- Blade cuts in both directions (push and pull)
- Hardened carbon steel blade for durability
- Hardened beveled blade point for scoring and plunge cuts
- Comfort-cushion grip with thumb groove
- Handle structure designed for strength and durability
- Flat-end grip for palming or punching through drywall

PART NO	VENDOR PART NO	DESCRIPTION
87-725	725	Jab Saw - 6 in.

SAWS, KNIVES & BLADES

Utility Knives

87-44105 (44105) Utility Knife



- Retractable blade locks in three positions
- Notch in bottom for cutting of cord or twine up to 1/8 inch diameter with blade in any position
- No tools required for quick blade change
- Includes 3 heavy-duty blades, stored in handle

PART NO	VENDOR PART NO	DESCRIPTION
87-44105	44105	Utility Knife

87-44107 (44107) Utility Knife



- Retractable blade locks in three positions
- Curved handle design with slip-resistant grip for comfort and ease of use
- No tools required for quick blade change
- Plastic holster with belt clip for convenient use
- Safety overlap-handle design for heavy-duty cutting
- Includes one heavy-duty blade and stores up to ten blades in handle

PART NO	VENDOR PART NO	DESCRIPTION
87-44107	44107	Utility Knife - Klein Kurve

87-44101 (44101) Utility Knife Blades (Pack of 5)



- Heavy-duty razor-edged blades
- Universal size fits Klein and most other makes of utility knives
- Blades are reversible for extra life
- Made in the U.S.A.

PART NO	VENDOR PART NO	DESCRIPTION
87-44101	44101	Utility Knife Blades (Pack of 5)

Hacksaws

87-701S (701S) Hacksaw



- Blade has three teeth sizes
- Blade converts quickly from 90 to 45 degrees for standard or flush-cut applications
- Pivot-lock adjusts blade tension for straighter cuts and longer blade life
- Set screw allows for storage of extra blades and secures blade for "jab" sawing
- Aluminum finger grip handle and front end
- Thumb guard for two-hand sawing

PART NO	VENDOR PART NO	DESCRIPTION
87-701S	701S	Dual-Purpose Hacksaw - Golden Tri-Cut 3-in1 Blade (12 in. Blade)

Hacksaw Blades Bi-Metal



- Special high-speed steel teeth fused to regular carbon-steel body provide superior cutting and longer life
- Withstands greater saw tension for less blade flexing
- Fits all 12 inch hacksaws
- Blue finish

PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
87-1224BI-P	1224BI-P	Hacksaw Blade - Bi-Metal - 12 in. - 24 TPI	10	Yes
87-1232BI-P	1232BI-P	Hacksaw Blade - Bi-Metal - 12 in. - 32 TPI	10	Yes

LEVEL – RARE EARTH MAGNET TORPEDO LEVEL



- Powerful rare earth magnet holds firmly to iron and steel surfaces; up to five times stronger than strip magnets
- Strong die-cast aluminum frame feature convenient built-in hanging hole; machined edges for accurate readings
- Grooved edge for pipe and conduit work
- Top-read window simplifies viewing in tight areas
- Yellow vials framed with E-Z SEE™ glow-in-the-dark material for easier viewing in dimly lit areas



PART NO	VENDOR PART NO	DESCRIPTION
87-931-9RE	931-9RE	Level - Rare Earth Magnet Torpedo Level (9 in. long)

TAPE MEASURES

Tape Measures – Klein Tools

Tape Measure – Magnetic Tip



- Rare earth magnetic tip sticks to iron and steel surfaces for simple one person measurements
- Comfortable non-slip rubber jacket for easy gripping and impact protection
- Two-step lock button; first step slows blade retraction; second step holds blade securely
- Oversized bold black numbers on first 11 inches for easy reading; 16 and 19 inch red stud markings



PART NO	VENDOR PART NO	DESCRIPTION
87-916-25RE	916-25RE	Tape Measure - 25 ft. x 1 in. wide (Magic Tip)

Tape Measure – Double-Sided



- Double-sided rule for easy reading of elevation, flat surface and pipe conduit measurements
- Comfortable non-slip rubber jacket for easy gripping and impact protection
- Oversized bold black numbers on first 11 inches for easy reading; 16 and 19 inch red stud markings



PART NO	VENDOR PART NO	DESCRIPTION
87-908-25	908-25	Tape Measure - 25 ft. x 1 in. wide (Double-Sided)

Tape Measure – High-Visibility Case



- High-visibility high-impact orange case makes it easy to find in a tool box, pouch, and on the jobsite
- Oversized numbers for easy reading



PART NO	VENDOR PART NO	DESCRIPTION
87-928-16HV	928-16HV	Tape Measure - 16 ft. x 1 in. wide (High Visibility)
87-928-25HV	928-25HV	Tape Measure - 25 ft. x 1 in. wide (High Visibility)

Tape Measures – Lufkin

Tape Measures – Chrome Case



- Lightweight, high strength chrome finished case
- Bright yellow blade has clear easy-to-read numerals



PART NO	VENDOR PART NO	DESCRIPTION
87-2212	2212	Tape Measure - 12 ft. x 1/2 in. wide (Chrome)
87-2212DX	2212DX	Tape Measure - 12 ft. x 1/2 in. wide (Chrome) Decimal-Fraction
87-2316	2316	Tape Measure - 16 ft. x 3/4 in. wide (Chrome)

INSPECTION MIRRORS & TOOLS



TestoView Fiberscopes

Powerful fiber optic scope allows examination of areas normally hidden from sight. Ideal for internal inspection of furnaces, ducts, A/C systems, interior structures, between walls and many other HVAC and industrial applications. Includes a comfortable grip handle for long term inspections, a convenient on/off light switch and an easily adjustable eyepiece.

- Spring lock flexible shaft holds shape
- Superior optics; 40 degree viewing angle; 0.4 inch and up viewing distance
- 25 hour battery life
- Bright white lighting with high/low beam



PART NO	VENDOR PART NO	DESCRIPTION
875011	400632 0319	TestoView Fiberscope - 18 in. (318-2)
875012	400632 0318	TestoView Fiberscope - 36 in. (318-1)



Magnetic Attachment for TestoView Fiberscopes

PART NO	VENDOR PART NO	DESCRIPTION
875017	400554 1321	Magnet for TestoView Fiberscope



Mirror Attachment for TestoView Fiberscopes

PART NO	VENDOR PART NO	DESCRIPTION
875016	400544 1320	Inspection Mirror for TestoView Fiberscope



Inspection Mirrors



87-TLMIR1 (TLMIR1) Inspection Mirror

- 1-1/4 inch diameter mirror on telescoping handle 6-1/4 to 19-1/2 inches
- Ball joint swivel connection allows for 360 degree viewing
- Bright plated finish on handle and mirror backing
- Convenient "pen style" pocket clip on handle



PART NO	VENDOR PART NO	DESCRIPTION
87-TLMIR1	TLMIR1	Inspection Mirror



87-TLMIR2 (TLMIR2) Inspection Mirror

- 2-1/4 inch diameter mirror on telescoping handle 10 to 14 inches
- Ball joint swivel connection allows for 360 degree viewing
- Bright plated finish on handle and mirror backing



PART NO	VENDOR PART NO	DESCRIPTION
87-TLMIR2	TLMIR2	Inspection Mirror



87-TLMIR4 (TLMIR4) Inspection Mirror

- 2-1/8 x 3-1/2 inch mirror on telescoping handle 11-1/4 to 15-1/4 inches
- Ball joint swivel connection allows for 360 degree viewing
- Bright plated finish on handle and mirror backing



PART NO	VENDOR PART NO	DESCRIPTION
87-TLMIR4	TLMIR4	Inspection Mirror



87-TLMIR3 (TLMIR3) Inspection Mirror

- 1 x 2 inch mirror on telescoping handle 6-1/4 to 19-1/2 inches
- Ball joint swivel connection allows for 360 degree viewing
- Bright plated finish on handle and mirror backing
- Convenient "pen style" pocket clip on handle



PART NO	VENDOR PART NO	DESCRIPTION
87-TLMIR3	TLMIR3	Inspection Mirror

CAULKING GUNS



87-250 Caulking Gun

PART NO	DESCRIPTION
87-250	Caulking Gun - Smooth Rod Dripless - 11 oz.



87-M0016 Caulking Gun

PART NO	DESCRIPTION
87-M0016	Caulking Gun - Cradle - 11 oz.



87-M0017 Caulking Gun

PART NO	DESCRIPTION
87-M0017	Caulking Gun - Skeleton - 11 oz.

SPRAYERS



Sprayers – PROTECH

Spray Bottle – 32 oz.

Multi-purpose sprayer; ideal for small cleaning jobs.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
85-S25	PROTECH Spray Bottle - 32 oz.	12	Yes



Pump Sprayer – 48 oz.

Adjustable nozzle; thumb lever for flow rate control.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
85-S1002-48	PROTECH Pump Sprayer - 48 oz.	6	Yes



Poly Sprayer – 1 Gallon



PART NO	DESCRIPTION	CASE QTY	CASE REQ
85-S2608-1G	PROTECH Poly Sprayer - 1 gallon	—	—



Poly Sprayer – 2 Gallon



PART NO	DESCRIPTION	CASE QTY	CASE REQ
85-S2609-2G	PROTECH Poly Sprayer - 2 gallon	—	—

SPRAYERS

Sprayers – Nu-Calgon

Spray Bottle – 24 oz.

Multi-purpose sprayer; ideal for small cleaning jobs.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
4768-W3	Spray Bottle - 24 oz.	12	Yes



Coil Gun Sprayer – 1/2 Gallon

A “hose-end” sprayer that features five different mix ratio settings designed for coil cleaners. Includes a foam wand as well as “quick disconnect” capability.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
4774-0	Coil Gun Sprayer - 1/2 gallon	—	—



Pump Sprayer (50P) – 1/2 Gallon

Adjustable nozzle; thumb lever for flow rate control.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
4770-0	Pump Sprayer - 1/2 gallon (No. 50P)	—	—



Poly Sprayer (No. 220CP) – 2 Gallon



PART NO	DESCRIPTION	CASE QTY	CASE REQ
4771-3	Poly Sprayer - 2 gallon (No. 220CP)	—	—



Poly Sprayer (No. 300P) – 3-1/2 Gallon

Includes brass hardware and extension tube.



PART NO	DESCRIPTION	CASE QTY	CASE REQ
4772-0	Poly Sprayer - 3-1/2 gallon (No. 300P)	—	—



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