

## MAINTENANCE & REPLACEMENT PARTS



### Bulbs/Lamps

Please call regarding availability of bulbs not listed.

ANSI codes and manufacturer's part numbers are cross-referenced (in italics and parenthesis) when available.

#### Tungsten Halogen & Incandescent

\* Recommend Bulb Removal/Installation Tool (shown after listing)

2.5V/0.35A Bullet. 252.....	\$4.00
<i>(634, 8000155)</i>	
6V/0.2A Bullet (for teaching head). GE328 .....	\$2.00
<i>(79098, 31-31-50, 8000168)</i>	
6V/0.2A Bullet w/Lens (for multi-TH), Nikon. MXA20101 .....	\$10.00
<i>(79186)</i>	
6V/1.2A Horizontal Filament, Hosobuchi. OP2101.....	\$9.00
<i>(MA560, 8000369)</i>	
6V/1.2A Vertical Filament, Hosobuchi. OP2101/U .....	\$9.00
<i>(MA561, 8000370)</i>	
6V/2A SC Bayonet, Frosted, Ushio. 8-C201 .....	\$7.10
<i>(8000301)</i>	
6V/2A SC Bayonet, Round. OP2106.....	\$6.00
<i>(8-M102, 8000305)</i>	
6V/3A (6V/18W) Frosted, ½ Silver, Swift. MA737 .....	\$10.00
<i>(8000350)</i>	
6V/4.5A DC Prefocus*, Ushio. 1468.....	\$5.00
<i>(581, 8000067)</i>	
6.5V/2.75A (6.5V/15W) DC Bayonet. 1493 .....	\$2.75
<i>(360, 700-034, 8-B102, MA402, 21138, 8000070)</i>	
6.5V/2.75A DC Prefocus*. GE1460.....	\$9.60
<i>(MA760, 1033, 8000065)</i>	
6.5V/2.75A DC Prefocus*, Ushio. 1460X .....	\$5.50
<i>(31-31-75, 31-31-76, 31-01-05, 8000066)</i>	
6.5V/2.75A DC Prefocus*. GE1630 .....	\$9.30
<i>(8000092)</i>	
6.5V/2.75A DC Prefocus*. 1631X.....	\$8.00
<i>(31-31-85, 31-31-86, 31-31-79, 8000093)</i>	
6.5V/2.75A DC Prefocus*. GE1631X .....	\$13.50
<i>(31-31-85, 31-31-86, 31-31-79, 8000093)</i>	
6.5V/2.75A DC Prefocus*, Ushio. 1649.....	\$9.90
<i>(31-31-42, 31-31-43, 8000100)</i>	
6V/5W Screw, Olympus. 8-G101 .....	\$10.00
<i>(8000302)</i>	
6V/9W MR11, Philips. 13529.....	\$21.50
6V/10W (6V/1.67A) Halogen, G4. GE787 .....	\$7.50
<i>(31-31-77-01, 31-31-77-10, MA570, 76342, 8000254)</i>	
6V/10W Halogen, G4, Osram. 64223.....	\$17.00
<i>(38-61-08, 91-01-54, 5972, 1000857)</i>	
6V/10W Halogen, G4, Osram. 64225.....	\$5.25
<i>(ESA/FHD, 76342, 050-550, 050-556, 700-065, 8-C403, 907-090, 624, 655C, 7387, 3369, 1000531)</i>	

6V/10W Halogen, G4, Philips. 5972.....	\$7.50
<i>(38-61-08, 91-01-54, 64223, 1000857)</i>	
6V/10W Halogen, G4, Philips. 7387 .....	\$5.20
<i>(ESA/FHD, 76342, 050-550, 050-556, 700-065, 8-C403, 907-090, 624, 655C, 7387, 3369, 1000531)</i>	
6V/10W SC Bayonet, round. 5001 .....	\$1.83
<i>(3040-0260, 6814P)</i>	
6V/10W Screw, Hosobuchi. OP2103 .....	\$8.00
<i>(8-G102, 8000303)</i>	
6V/15W MR11, Philips. 13528 .....	\$22.00
<i>(8-C408, 630)</i>	
6V/15W Bulb and Socket, Ushio. 8-C103 .....	\$18.00
<i>(8000300)</i>	
6V/15W DC Bayonet, Flanged, Oblong. 77903.....	\$10.00
<i>(OP2130, 8000240)</i>	
6V/15W DC Bayonet, Flanged, Nikon. 77910 .....	\$13.50
<i>(8000242)</i>	
6V/15W DC Bayonet, Oblong, Ushio. 8018 .....	\$7.40
<i>(3800-29-9020, 76906, 166-324, 500-012, 8000269)</i>	
6V/15W DC Flanged. 76Z .....	\$17.90
<i>(3800-18-1730, 38-01-76, 8000170)</i>	
6V/15W DC Flanged. 177Z .....	\$9.25
<i>(3800-18-1740, 38-01-77, OP2131, 8000172)</i>	
6V/15W (6V/3A) DC Bayonet, Round. OP2114 .....	\$6.25
<i>(76907, 8000233)</i>	
6V/20W Halogen, G4. GE778 .....	\$7.90
<i>(31-31-81-01, 31-31-81-10, 569, 31-31-21, 8000239)</i>	
6V/20W (6V/3.33A) Halogen, G4. GE788 .....	\$7.90
<i>(MA260/05, 1121)</i>	
6V/20W Halogen, G4, Osram. 64250 HLX .....	\$4.40
<i>(ESB/FHE, 1120, 362-658, 3801-20-1740D, 11143, 500-245, 89500, 79099, 8-C405, MA780, 7388, MA420, MA07, 687.95, 3256, 12-561-BLB1, MA311, 1000532)</i>	
6V/20W Halogen with Lead, Narva. 55133 .....	\$33.00
6V/20W MR11, Ushio. JCR/M6V20W .....	\$18.40
<i>(83314)</i>	
6V/25W Flanged, G4. 39-01-53 .....	\$19.00
<i>(8000174)</i>	
6V/25W Halogen with Lead, Narva. 55147 .....	\$33.00
<i>(33-01-53)</i>	
6V/30W (6V/5A) Bayonet, Oblong, Hosobuchi. OP2118 .....	\$6.70
<i>(MA738, 77904, 8-C101, 8000241)</i>	
6V/30W Bulb and Socket, Ushio. 8-C102 .....	\$17.50
<i>(8000299)</i>	
6V/30W (6V/5A) Candelabra, Osram. 8100 .....	\$18.75
<i>(500-011, 8000277)</i>	
6V/30W DC Flanged, Osram. 39-01-58 .....	\$19.00
<i>(8000175)</i>	
6V/30W Halogen, G4, Philips. 5761 .....	\$7.75
<i>(84246, 8-C410, MA326, 3256-30W, LB-30WH, SE06.0215, 1000867)</i>	
6V/30W Halogen, G4, Ushio. 1000867 .....	\$11.90
<i>(84246, 8-C410, MA326, 3256-30W, LB-30WH, SE06.0215, 5761)</i>	
6V/30W Halogen with Lead, Narva. 55168 .....	\$39.00
6V/35W Halogen, G4, vertical filament, Osram. 64275 .....	\$7.50
8V/20W MR11, Osram. 64255 .....	\$18.20
<i>(Y99702)</i>	


Continued

8V/50W MR16, Osram. EFM.....	\$15.75	21V/150W MR16, 2-pin vented, Ushio. DNF.....	\$23.50
(64607, 6847, 1000268)		(61351, 001160, 243054, SY0023, 4000-0996-0019,	
8V/60W DC Bayonet. 71257 .....	\$15.00	6000-150, 52118, 5212-11, 5212-51, 5212-81, 1000207)	
10V/70W Horizontal Filament, Nikon. 71256.....	\$16.00	21V/150W MR16, 40 hrs, Ushio. EJA.....	\$11.50
(8000226)		(A08110, 76223, 8-C404, 902-063, N650013, N650012,	
10V/70W Vertical Filament, Hosobuchi. OP2402 .....	\$16.00	1000297)	
(71818, 8000227)		21V/150W MR16, 40 hrs. EJV .....	\$13.20
10.8V/30W MR16, Ushio. EKZ .....	\$16.50	(1000302)	
(1000315)		21V/150W MR16, 200 Hrs, Ushio. EKE.....	\$11.30
12V/10W DC Bayonet. GE1004 .....	\$2.45	(902-058, 31-31-52, A08120, FL180/70, FL150/70,	
(800-411)		FT150/70, FT190/70, 3378, 1000306)	
12V/10W SC Bayonet, round. 800-421 .....	\$15.00	21V/150W MR16, 1000 Hrs, Osram. EKE/IX.....	\$16.50
12V/10W Halogen, G4. 64415 .....	\$3.40	(1003370)	
12V/10W Halogen, G4. 800-170 .....	\$9.75	24V/150W Halogen, High Intensity, Osram. 64640 HLX .....	\$4.00
12V/10W MR11, faceted. 800-424 .....	\$7.00	(FCS, 71826, 799-892, MA786, 7158,	
12V/10W Tubular. 800-400 .....	\$5.50	037-717, 799-892, 58101, 501-109, 1000492)	
12V/15W Halogen, G4. 800-422 .....	\$10.00	24V/150W Halogen, Long Life, Osram. 64642 HLX .....	\$8.00
12V/15W MR11C, faceted. JCR12V15W/G4.....	\$5.90	(FDV)	
12V/20W Halogen, G4, 2000 hrs, Osram. 64425.....	\$2.85	24V/250W Halogen, G6.35, Osram. 64657.....	\$10.00
(800-160, 3253, HT-59-1152, SE06.0098)		(EVC/FGX, 6958)	
12V/22W MR11. JCR12V22WA/3, KLS.....	\$34.85	24V/250W MR16, Osram. 64653 HLX.....	\$12.50
(8-S110)		(ELC, 13163, Y99704, 1000318)	
12V/25W SC Bayonet. 93.....	\$1.25	82V/250W MR16. EVW .....	\$12.75
12V/30W Halogen, G6.35, Osram. 64261.....	\$20.80	82V/300W MR13. FHS.....	\$12.25
(500-317)		120V/6W DC Bayonet. 6S6DC120V .....	\$2.50
12V/30W Halogen, PG22, Osram. 64260 .....	\$21.00	(10407, 1005, 8000220)	
12V/35W Halogen, G4. JC12V35W/G4 .....	\$7.90	120V/15W Candelabra, Ushio. 15S11/13CL.....	\$5.20
(13596030)		(626, 8000079)	
12V/35W MR11C, Philips. 14626.....	\$9.50	120V/15W DC Bayonet. 15T7DC.....	\$3.00
(FTE-CG)		(77906, 12610, 12603, 800-101, 8000083)	
12V/50W Halogen, G6.35, Osram. 64610 HLX .....	\$5.50	120V/15W Medium Screw, Eiko. 15S11/102CL .....	\$3.00
(BRL, 76516, 8-C407, MA784, 500-182,		(31-31-15, 611, 8-B150, 8000077)	
7027, M650, MA275/05, 1000071)		120V/20W ½ Silver, DC Bayonet, Oblong. 77427.....	\$13.00
12V/60W DC Bayonet. 3800-18-2520.....	\$20.50	(MA361/10)	
(38-02-16, 500-010, 8000173)		120V/20W ½ Silver, DC Bayonet, Oblong, Ushio. 78595 .....	\$12.00
12V/75W MR16, Ushio. EFN.....	\$14.00	(MA361/10, MXA20163, 8000385)	
(3800-79-9030, 64615 HLX, 6853, 1000270)		120V/20W ½ Silver, DC Bayonet, Round. MA886.....	\$12.20
12V/100W Halogen, High Intensity, Osram. 64625 HLX.....	\$4.75	120V/20W ½ Silver, DC Bayonet, Olympus. 8-B153 .....	\$11.00
(FCR, 76513, 500-974, 8-C401, 193-049, 3800-59-1660,		(8000298)	
MA782, 7023, 9-8600-15, M32-05-45, 2052, 1000490)		120V/20W DC Bayonet, Oblong. 800-102 .....	\$5.50
12V/100W Halogen, Long Life, Osram. 64623 HLX .....	\$7.75	120V/20W Frosted/Silver, Round. MA736 .....	\$14.00
(EVA, 84125, 8-C406, 043-144, 7724,		120V/30W DC Bayonet, Round. MA722A .....	\$7.00
3800-79-9540, 1000381)		120V/30W DC Bayonet, S11. BLC .....	\$4.80
12V/100W Halogen, 2-pin prefocus, Osram. 64628.....	\$11.40	(31-31-71-03, 31-31-71-05, 8-B152, 1000060)	
(FDT, 31-31-58, 1000504)		120V/30W Miniature Flood. MA263/05 .....	\$20.00
12V/100W MR16, Osram. EFP .....	\$12.00	120V/30W ½ Silver, DC Bayonet, Nikon. MXA20450 .....	\$10.00
(64627, 098-145, 6834, 3800-79-9040, 1000271)		(78508)	
13.8V/85W MR16, Osram. 64618 .....	\$12.00	120V/30W ½ Silver, DC Bayonet, Oblong, Ushio. 77458 .....	\$13.00
(DED, 13288, 13194)		(MA362/10, 8000238)	
14.5V/90W MR16, Ushio. EPV.....	\$13.75	120V/150W Medium Screw, Higuchi. 150P25/2SB.....	\$20.00
15V/150W Halogen, G6.35, EVB/BRJ.....	\$5.25	120V/150W MR16, faceted, 12 hrs, Ushio. ESD.....	\$26.55
(64633 HLX, 6550, 1000669)		(906117, 1000356)	
15V/150W MR16, Ushio. EFR.....	\$14.00	120V/250W MR16, faceted, Ushio. ENH .....	\$17.75
(997-053, 8-S401, 31-01-98, 64634 HLX,		(54986, 1006926, 1000333)	
6423, 58102, 10001-111, Y99701, 1000272)		120V/300W GY9.5, Ushio. JCD120V300WC.....	\$14.50
20V/1A DC Prefocus*. 1634 .....	\$9.00	(1000896)	
(31-31-37, 050-540, 506-014, 8000095)		120V/300W MR16, stippled, oval 2-pin, Osram. ELH.....	\$11.75
20V/150W MR16, faceted, 500 hrs, Ushio. DDL.....	\$11.80	130V/50W Halogen. RN13050 .....	\$40.00
(A08130, 82931, 3378, 23500-014, 1000173)			




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**Metal Halide**

- 60V/24W MR11, 300 hrs, Welch Allyn. 09500-U..... \$270.00  
(AL-1824, 8-61257)
- 120W Reflector, 1500 hrs, EXFO. P012-63000  \$575.00  
(OEX-BULB)


**Mercury Short Arc**

- 50W Mercury Arc, 100 Hrs, Osram. HBO50W/AC/L1 ..... \$125.00  
(78564, 78588, 8-B199, 38-16-19, 414140, 2055, 3040-0090, 500-137, SHL-50AC1, BA-001, 5000487)
- 50W Mercury Arc, 100 Hrs, Osram. HBO50W/AC/L2 ..... \$125.00  
(31-31-65, SHL-50AC2, BA-002, 5000857)
- 50W Mercury Arc, 200 Hrs, Osram. HBO50W/3 ..... \$140.00  
(BA-003)
- 100W Mercury Arc, 200 Hrs, Ushio. USH-102D ..... \$109.00  
(Burn in vertical position only)  
(78589, 8-B192U, 500-138, 3800-18-4060/D, 2087-001, 3040-0380, BA-005A, HBO100W/2, M/5000/133, 5000274)
- 100W Mercury Arc, 200 Hrs, Ushio. USH-102DH ..... \$109.00   
(Burn in vertical or horizontal position)  
(78589, 8-B192U, 500-138, 3800-18-4060/D, 2087-001, 3040-0380, BA-005A, HBO100W/2, M/5000/133, 5000274)
- 100W Mercury Arc, 300 Hrs, Ushio. USH-103D ..... \$123.00  
(78590, 8-B1920, 380301-9350, USH-103QL, 5001329)
- 100W Mercury Arc, 200 Hrs, Osram. HBO100W/2 ..... \$109.00  
(78589, 8-B192U, 500-138, 3800-18-4060/D, M/5000/133, 2087-001, 3040-0380, BA-005, 3254, USH-102DH)
- 100W Mercury Arc, 300 Hrs, Osram. HBO103W/2 ..... \$123.00  
(Not compatible with all Hg power supplies)  
(78590, 8-B1920, 380301-9350, 500-321)
- 200W Mercury Arc, 1000 hrs, Ushio. USH-200DP ..... \$135.80  
(HBO200W/2, 31-01-01, 649, 860014, 78580, 8-B190, 3800-18-4070, 38-16-15, 050-320, MA885, 91-00-50, 505-620, 78590, 5000276)


**Xenon Short Arc**

- 75W Xenon Arc, 400 hrs, Ushio. UXL-75XE ..... \$195.00  
(XBO75W/2, 8-B198, 910881-2013, 38-16-02, 500-139, 91-01-42, 3800-79-9190, 78682, 620-125, 903-050, BA-013, 5000371)
- 75W Xenon Arc, 400 hrs, Osram. XBO75W/2 ..... \$155.00  
(UXL-75XE, 8-B198, 910881-2013, 38-16-02, 500-139, 91-01-42, 3800-79-9190, 78682, 620-125, 903-050, BA-013, 5000371)
- 100W Xenon Arc, 500 hrs, Osram. XBO100WOFR ..... \$300.00  
(BA-014A)
- 150W Xenon Arc, Short Gap. XBO150W/CROFR ..... \$220.00  
(8-B195, BA-018, UXL-150S-0, 3801-22-2450, 500-008, 5000326)
- 150W Xenon Arc, Standard Gap. XBO150W/1OFR ..... \$214.00  
(8-B196, BA-016)
- 150W Xenon Arc, Long Life. UXL-S150M-O ..... \$355.00
- 450W Xenon Arc, 2000 hrs, Osram. XBO450W/2OFR ..... \$470.00  
(UXL-450S-O, 5000355)
- 450W Xenon Arc, 2000 hrs, Ushio. UXL-450S-O ..... \$535.00  
(XBO450W/2OFR, 5000355)

**Fluorescent**

- 4W Fluorescent, Tubular, Eiko. F4T5/D ..... \$7.00  
(31-31-03, MA309/05, 3000108)
- 5W Fluorescent, G23, Sylvania. CF5DS/841 ..... \$5.00  
(800-138, MA68, 48920-81, 20303)
- 9W Fluorescent, G23, Sylvania. CF9DS/841 .....  \$4.95  
(20305)
- 22W Fluorescent, 8" OD Circle, Sylvania. FC8T9/D/RS ..... \$19.00  
(29980)
- 32W Fluorescent, 12" OD Circle, Sylvania. FC12T9/D/RS ..... \$15.90  
(20030)

**Germicidal**

- 30W Germicidal (UV-C), 2-pin, Sylvania. G30T8 ..... \$20.00  
(23112, 00204, 11080, 3000009)
- 39W Germicidal, single-pin, Sylvania. G36T5L .....  \$28.80  
(23443, 00206)
- 65W Germicidal, single-pin, 155.4 cm, Higuchi. G64T5L ..... \$83.00

**Heat (Infrared)**

- 250W, R40, shatter resistant, GE. 250BR40/HI/TC ..... \$14.00

\* Recommend Bulb Removal/Installation Tool (shown below)



Remove and install prefocused/flanged bulbs safely with this simple tool. Push rubber-lined tube directly onto top of bulb and turn clockwise to install, or counterclockwise to remove.

- Bulb Removal/Installation Tool. 3283 ..... \$16.00

- Compressed Air, 10 oz Can. 1671-10S ..... \$10.00  
Ultra pure duster is nonflammable.



**Fuses**

¼ x 1¼"

**Fast-Acting, AGC**

- 0.1A/250V. 312-100 ..... \$2.00
- 0.2A/250V. 312-200 ..... \$2.00
- 1A/250V. 312-001 ..... \$2.00
- 2A/250V. 312-002 ..... \$2.00
- 3A/250V. 312-003 ..... \$2.00
- 4A/250V. 312-004 ..... \$2.00

**Time-Delay (Slow-Blow), MDL**

- 0.7A/250V. 313-700 ..... \$2.00
- 1A/250V. 313-001 ..... \$2.00
- 2.5A/250V ..... \$2.00

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5 x 20 mm		
Fast-Acting, GMA		
0.5A/250V. 235-500.....	\$2.00	
1A/250V. 235-001.....	\$2.00	
3A/250V. 235-003.....	\$2.00	
5A/125V. 235-005.....	\$2.00	
Time-Delay (Slow-Blow)		
0.5A/250V. 239-500.....	\$2.00	
1A/250V. 239-001.....	\$2.00	
2A/250V. 239-002.....	\$2.00	
3A/250V. 239-003.....	\$2.00	
5A/250V. 239-005.....	\$2.00	

Graphite Lubricant, powdered, 6.5 g tube. L-300 ..... \$3.00

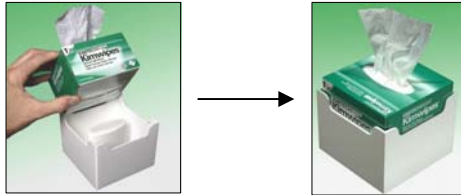


Extra low-lint, nonabrasive, highly absorbent, 1-ply wipes are perfect for microscope maintenance.

Kimwipes®	<u>bx</u>	<u>cs/60 bx</u>
4½ x 8½" Wipes, Bx/280. 34155 .....	\$3.35	187.00
	<u>bx</u>	<u>cs/15 bx</u>
15 x 17" Wipes, Bx/140. 34256 .....	\$10.75	149.00



Kimwipe Dispensers, clear acrylic	
Small, 13 x 8.4 x 12.2 cm(D). HS234521 .....	\$13.20
Large, 31.5 x 9.5 x 12.7 cm(D). HS234522 .....	\$27.55

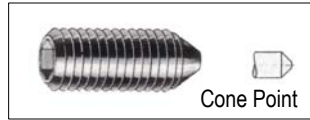


Kimwipe Dispenser, polystyrene, Push-Up Box™. PUB1A..... \$16.00  
Access every single Kimwipe effortlessly.

Lens Tissue, Pk/50 Sheets	
Economy, 10 x 15 cm sheets. PS46L .....	\$1.50
Fine, 10 x 15 cm sheets. PF46L.....	\$2.50
Premium, 7.5 x 15 cm sheets. 77605.....	\$3.50



Microscope Cleaning Kit . 77600 .....	\$30.00
Replacement Items	
Blower Bulb. 77602 .....	\$9.50
Brush, 1½", polyester. 77603 .....	\$3.00
Cleaning Stick. 77604 .....	\$2.00
Lens Tissue, premium, 50 sheets, 7.5 x 15 cm. 77605 .....	\$3.50
Rubber Grip, 77606.....	\$0.50
Solvent Jar, (Empty). 77607 .....	\$2.50
Utility Box. 77608.....	\$9.00



Cone Point



Cup Point

Set Screws, steel	
Cone Point, DIN 914	
M4 x 0.7 x 5 mm length, 2 mm hex wrench size .....	\$0.50
M4 x 0.7 x 10 mm length, 2 mm hex wrench size .....	\$0.50
M4 x 0.7 x 12 mm length, 2.5 mm hex wrench size .....	\$0.50
M5 x 0.7 x 10 mm length, 2.5 mm hex wrench size .....	\$0.50
Cup Point, DIN 916	
M3 x 0.5 x 3 mm length, 1.5 mm hex wrench size .....	\$0.50
M3 x 0.5 x 5 mm length, 1.5 mm hex wrench size .....	\$0.50

Tools

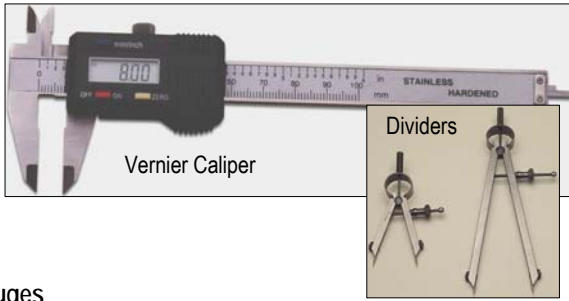


Cutter, diagonal, 5". PLR-766.00 ..... \$10.95



Demagnetize or magnetize parts and tools.

Demagnetizer/Magnetizer, 1½ x 3" opening. DEM-345.00..... \$62.95



**Gauges**

- Vernier Caliper, digital, 3-button. GAU-178.00..... \$39.95  
Powered by a 1.5 V cell and protected in a foam-lined, plastic case. Measures in millimeters (0-100 mm with 0.01 mm precision) and inches (0-4").
- Replacement Battery. 357..... \$4.00
- Dividers (compasses), replaceable tips, Germany
- 3" Long. DIV-320.00..... \$11.90
- 6" Long. DIV-326.00..... \$16.95
- Replacement Tips, Pair. DIV-320.05..... \$1.85



Reproducibility enhanced by rapid stop.  
Provided with padded, plastic case.

- Micrometer, 0-25 mm in 0.01 mm div, Germany. 601A ..... \$39.00



Measure inside and outside diameters of glass and plastic tubing, connecting pieces, rods, test tubes, etc. between 1.5 and 16 mm.

- Tubing Sizer, metric diameter gauge, PP. 133900000..... \$21.35

- Hex L-Wrenches, metric ..... \$0.90
- 0.71 mm, short-arm, each ..... \$0.90
- 0.89 mm, short-arm, each ..... \$0.90
- 1.27 mm, short-arm, each ..... \$0.90
- 1.5 mm, short-arm, each ..... \$0.90
- 2 mm, short-arm or long-arm (*specify*), each ..... \$0.90
- 2.5 mm, short-arm, each ..... \$0.90
- 3 mm, short-arm or long-arm (*specify*), each ..... \$0.90
- 7-Pc Set, short-arm ..... \$5.00
- 0.71, 0.89, 1.27, 1.5, 2, 2.5 and 3 mm. Includes case.

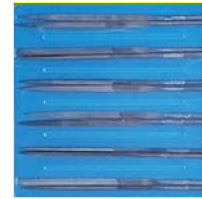


Ball end can be inserted up to 20° off-axis and not bind. Includes storage case.

- 13-Pc Set, ball end, long-arm. 96416..... \$15.90
- 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 8 and 10 mm.



- Inspection Mirror, 7", stainless steel. M31 ..... \$2.50



- Needle File Set, 12-pc, 10 cm long. FIL-990.00..... \$15.40
- Needle File Handle, anodized aluminum. HAN-739.00..... \$11.50



**Pliers**

- Groove Joint, 7½". PLR-690.00 ..... \$6.40  
Multi-grooved handles adjust for various jobs.
- Long Nose with Side Cutter, 6½". PLR-665.00..... \$5.80  
Features serrated jaws and vinyl grip handles.
- Slip Joint with Wire Cutter, 6½". PLR-691.00..... \$4.30  
Made from drop-forged steel with a nickel plating.
- Plier Set, 4-pc, canvas pouch. 20006..... \$32.45  
Pouch holds three pliers outlined above plus one diagonal cutter (PLR-766.00).



Miniature



Japanese-Style Phillips

**Screwdriver Sets**

- Miniature Combo, 6-pc, swivel head. SCR-905.00 ..... \$2.95  
Slotted tips: 1.0, 1.2, 1.8, 2.4 mm; Phillips tips: #0, #1.
- Japanese-Style Phillips, 5-pc, Ames. 1404051 ..... \$29.00  
Sizes included are: #0, 5¼" OAL; #1, 3¼" OAL; #1, 7" OAL; #2, 3¼" OAL; #2, 8" OAL.



Straight Blade    ¼" Offset    Pencil Point

Includes handle plus all 3 pairs of tips.

- Spanner Wrench Kit. T-132-346 ..... \$89.00
- Replacement Tips, per pair ..... \$24.00



- Third Hand, 6 ½" tweezers mounted on base. HOL-165.00 ..... \$8.95



**Wrench, 9-Way. SOL-289.00** ..... \$12.80

Sizes: 7/16, 1/2, 9/16, 5/8, 11/16, 7/8, 1, and 1 1/8".

Useful for lab equipment and gas cylinders. Length: 8 1/2".