

60° Line Generating Lens

- Adjustable focus range: 50cm to ∞
- Back focal length: 1.5mm
- Focal length: 8.0mm
- Beam divergence: 2.0mrad
- Lens construction: 3E.3G (glass)
- Length at 1 meter distance: 1.7 m

Class IIIa Laser Product



Part No.	Mfr. Part No.	1	5	25
134148	LO-60	\$9.95	\$8.95	\$7.95

*Lasers — Enter Web Code LAZ

Thrust Washers

Use to reduce the friction that occurs in metal-to-metal contact, particularly where wheels join to axles.

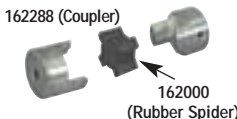


Part No.	I.D.	O.D.	# of Balls	Load Rating @ 15 RPM		
				1	5	
401197	1/8"	.434"	6	89 lbs.	\$2.95	\$2.49
401200	3/16"	.497"	7	104 lbs.	2.95	2.49
401226	5/16"	.622"	9	134 lbs.	3.49	2.95
401234	3/8"	.809"	6	149 lbs.	3.95	3.49
401242	1/2"	.934"	8	198 lbs.	3.95	3.49

Spider Couplers

*Web Code: EBE

- Used with motors
- 1 set screw per hub
- Hub OD: 0.625" Dia.
- Hub length: 0.56"
- Parts sold individually



Part No.	Description	1	5	25
162288	.125" (3.18 mm) ID hub	\$1.49	\$1.35	\$1.19
161998	.197" (5.00 mm) ID hub	1.19	1.05	.95
162270	.250" (6.35 mm) ID hub	1.49	1.35	1.19
162000	Rubber spider	1.55	1.39	1.25

10-Piece Gear Assortment

- Polyethylene resin
- Gears are 0.147" bore size
- Bushings are 0.07" bore diameter
- T10, T20, T30, T40, T50 and bushing



Part No.	Description	1	5	25
1810072	Gear set - 10 pieces	\$7.95	\$6.95	\$6.25

*Gears — Enter Web Code PEF

Hub and 48-Pitch Gear Set

- Low coefficient of friction requires little or no lubrication
- Residual stress removed by annealing process

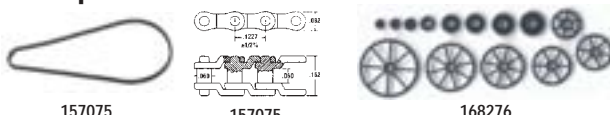
168284 Includes:

1 each of the following: 10 teeth with 1/32" bore size; 14 and 16 teeth with 1/8" bore, 20, 24, 30, 36, 44, 54, 66, 84 and 100 teeth with 1/4" bore size

Part No.	Description	1	5	25
157104	1/4" bore aluminum mounting hub with set screws	\$7.95	\$6.95	\$6.25
168284	Gear set - 12 pieces (see description above)	39.95	34.95	31.95

16-Pitch Sprocket Set and Chain

- Operates in high humidity and corrosive environments
- Chain links can easily be added or removed to adjust total length
- Chain tension load: 2.0 lbs.



Part No.	Description	1	5	25
157075	Drive chain (12" long)	\$10.95	\$9.95	\$8.95
168276	Sprocket set - 14 pieces (see description above)	29.95	26.95	23.95

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

Green Laser Pointer



Class IIIa Laser Product

Uses a wavelength closely matched to the highest sensitivity of the human eye and built w/ cutting-edge crystal technology. Projects a green beam so powerful you can see it against a clear night sky.

- Output wavelength: 532nm
- Output power: <5mW
- 90-day manufacturer's warranty

Includes: Metal gift box, clip and 2 AAA batteries

Part No.	Mfr. Part No.	1	5
223731	5608	\$99.95	\$89.95

Laser Pointer Pen

- Range up to 500 yards
- 670nm red laser

Class IIIa Laser Product

Includes: 2 AAA batteries

Part No.	Mfr. Part No.	Size (L" x Dia")	1	5
153605	4012	5.2 x 0.4	\$21.95	\$19.75

Laser Diode Module

- Operates on 3VDC @ <5mW
- 650nm wavelength
- Beam diameter: 5 x 8mm
- Working distance: over 50 meters (daylight), 200 meters (dark)
- Size: 0.9"L x 0.3"Dia
- One-year warranty

Class IIIa Laser Product

Part No.	Description	1	5
310519	Laser module, brass	\$44.95	\$39.95

Laser Diode

- Optical output power: 5mW maximum
- Operating current: 30mA
- 5.6mm packaging size
- Operating voltage: 2.6V maximum
- Lasting wavelength: 650nm typical
- Beam divergence of 11° from center line max.

Class IIIa Laser Product

Part No.	Product No.	1	5	25
182932	ULD-6556	\$14.95	\$13.45	\$12.09

Climax Spider Shaft Coupler

- 2 set screws (10-32 x 1/8)
- Size: 0.75"L x 0.5"OD

*Web Code: EBE

Part No.	Description	1	5	25
138288	.250" ID sleeve coupler	\$5.95	\$5.35	\$4.79

75W Laser Diode



- Nanostack pulsed laser diode
- Nanostack laser technology including multiple epitaxially stacked emitters



Class IIIa Laser Products

- Applications: range finding, security/surveillance, illumination/ignition, test and measurement systems
- Peak power: 75W
- Laser aperture: 200µm x 10µm
- Number of emitters: 3
- Wavelength: 905nm

Part No.	Mfr. Part No.	1	5	25
1623584	SPL PL90-3	\$39.95	\$37.55	\$36.05

650nm Line and Dot Laser Diodes

143845/173243:

- Focus adjustable with locking set screw
- Wattage: 5mW
- Oper. volt.: 3-5V
- Size: 3.3"L x 0.9"Dia.
- One-year warranty

*Web Code: LAZ



143845: Line laser module

- Laser line width: 1mm
- Laser fan angle: 60°

Class IIIa Laser Product

173243: Cross hair laser diode module

- Laser fan angle: 60°
- Size: 3.0"L x 0.9"D
- Female 2.1mm power connector

143837: Module regulated power supply

- Output: 5VDC @ 100mA
- Short-circuit protection
- Input voltage: 95-125VAC or 190-250VAC switchable
- Size: 2.0"W x 1.7"D x 9.2"H
- Weight: 0.6 lbs.



143853: Laser module mount

- X-Y tilt, θ movement
- Built to hold laser diode on target
- Tightening screw for tilt adjustment

Part No.	Description	1	5
143845	Line laser diode module	\$114.95	\$103.95
173243	Cross hair laser diode mod	109.95	99.95
143837	Regulated power supply	20.95	18.95
143853	Laser diode module mount	59.95	53.95



Data Sheets Are Available for Most of the Products We Carry. Find Them Easily on the Product Specification Page.

www.Jameco.com