

# RIGGING SCREWS / RINGS & SWIVELS

## PELICAN HOOKS

### Pelican Hooks

A convenient means of quickly releasing tensioned wire ropes. They can be very useful for clearing gauze guide wires during scene changes. To use the threaded version we will need to roll-swage an M8 right-hand thread to the end of your wire which will need to be stainless steel. Please phone and ask for the Rigging Manager. Safety factor 4:1.



code	description	min BL KN	min BL KGF	price
WIR3548SS	Type 354 [M8 right-hand thread]	16.3kN	1661kg	£4.95

## WIRE STRAP EYES

### Wire Strap Eyes – Lacing Eyes

A simple and very useful neat and economical fixing typically used to anchor small wire-rope assemblies or as a lacing eye for cords or small ropes.



code	width	height	bar Ø	fixing	price
WIR97815SS	50mm	18mm	5mm	4mm csk	£0.36
WIR97826SS	60mm	22mm	6mm	4.5mm csk	£0.46
WIR97838SS	63mm	24mm	8mm	5mm csk	£0.75

## PAD EYES

### Pad Eyes and Pad Eyes with Rings

Marine-grade stainless steel eyes to provide a really neat fixing. Ideal for use with our Stainless Rigging Screws [page 209]. We now also stock these pad eyes complete with ring.



No Ring	fixing Ø	length	width	height	bar Ø	price
WIR9815SS	M4 [4.5]	45mm	15mm	20mm	5mm	£0.89
WIR9816SS	M4 [4.5]	60mm	20mm	26mm	6mm	£1.25
WIR9818SS	M6 [6.2]	80mm	26mm	32mm	8mm	£1.50
WIR9819SS	M6 [6.2]	100mm	36mm	39mm	9mm	£2.50
With Ring	fixing Ø	length	width	int ring Ø	bar Ø	price
WIR9895SS	M4 [4.5]	45mm	15mm	30mm	5mm	£1.29
WIR9896SS	M4 [4.5]	60mm	20mm	35mm	6mm	£2.25
WIR9898SS	M6 [6.2]	80mm	26mm	45mm	8mm	£2.85
WIR9899SS	M6 [6.2]	100mm	36mm	50mm	9mm	£4.35

### Folding Pad Eye

Drop-forged with no welding to offer remarkable strength. In addition, by aligning the D-ring to the direction of the force they can handle higher operating loads. Often used to secure trapeze tension wires. A small silicone pad included can be used when folded flat. Also available in titanium.



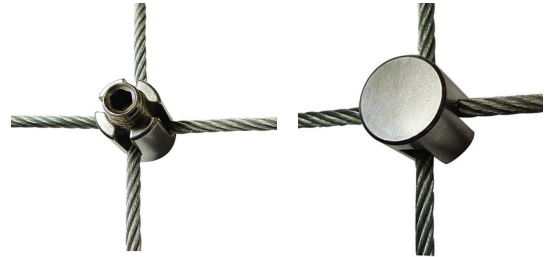
SAFETY	MANUFACTURER STATED		
	Breaking Load	Safety Factor	WLL
	5,000kgf	2.1 to 1	2,400kgf

code	width of d-ring	fixing Ø	weight	price
WIR6605	59mm	8mm	165g	£36.95

## CROSSOVER CLAMPS

### Crossover Clamps

These 316- grade stainless steel clamps will hold wire ropes at right angles. They are often used to form large wire-netting structures to help plants to grow up the sides of buildings. We're sure you will dream up all sorts of odd things to do with them. They are all 20 mm Ø. For Wire Rope Stoppers see page 198.



code	description	length	price
WIR4103SS	To fit 3 mm wire rope	19mm	£1.38
WIR4104SS	To fit 4 mm wire rope	21mm	£1.65
WIR4105SS	To fit 5 mm wire rope	23mm	£1.80
WIR4106SS	To fit 6 mm wire rope	25mm	£1.95

## RINGS & SWIVELS

### RINGS

#### Petzl Ring Open

An aluminium manual locking attachment with massive scope as a semi-permanent connection for PPE, or for joining wires or ropes. The plastic spacer unfastens using the supplied 3 mm Allen key and leaves an 11 mm opening wide enough to take rope with sewn terminations. Tighten the pin following maker's instructions for 23 kN on all axes. Conformity: CE EN 362: 2004/M



code	opening	external Ø	internal Ø	min BL on all axes	price
PETP28	11mm	70mm	45mm	23kN	£18.00

#### Steel Welded Rings [self-colour]

Useful for a multitude of purposes including lightweight multi-legged suspension, heavyduty curtain rings and useful securing points when used with Grummets [page 168]. They are supplied self-colour so they can be welded directly to steel work or cut open and re-welded. For lifting purposes use Rated Shackles [page 200] or Masterlinks [page 215].



code	mat Ø	internal Ø	price
WIR465	6mm	32mm	£1.14
WIR466	5mm	38mm	£0.81
WIR462	8mm	50mm	£1.19
WIR467	9.5mm	63.5mm	£1.98

#### Bright Nickel-Plated Rings

A lighter weight ring ideal for curtains.



code	mat Ø	internal Ø	price	100+
WIR600	3.24mm	19mm	£0.29	£0.26
WIR602	4.06mm	25mm	£0.31	£0.28
WIR604	4.06mm	32mm	£0.35	£0.32
WIR606	4.06mm	50mm	£0.50	£0.44

## Nylon 6 Rings

These rings are tough and much quieter and lighter than steel rings. The breaking strain was determined on a test rig and all the rings proceeded to elongation and necking rather than cracking. They will not break when hit with a sledgehammer in a vice.



code	mat Ø	external Ø	internal Ø	min BL	price	100+
WIRN6R43	12.6mm	68.5mm	43.3mm	1550kg	£0.50	£0.36
WIRN6R58	14.5mm	86.5mm	58.4mm	1850kg	£0.60	£0.43

## Stainless Steel Welded Rings

Made from 316 marine-grade stainless steel. These rings have a very smooth profile.



code	mat Ø	external Ø	internal Ø	min BL KN	min BL KGF	price	100+
WIR436430SS	4mm	38mm	30mm	3kN	305kg	£0.45	£0.41
WIR436640SS	6mm	52mm	40mm	7kN	713kg	£0.90	£0.81
WIR436850SS	8mm	66mm	50mm	12.4kN	1264kg	£1.45	£1.39
WIR4361060SS	10mm	80mm	60mm	19.4kN	1977kg	£1.95	£1.98

## Split Rings

Bright nickel-plated. For keys, curtains and attaching light-duty lanyards. Our split rings have smooth tapered ends so they do not catch the material.



code	external Ø	internal Ø	price	100+
WIR904	19mm	12mm	£0.13	£0.11
WIR905	25mm	22mm	£0.17	£0.11
WIR907	38mm	34mm	£0.32	£0.22
WIR909	50mm	46mm	£0.73	£0.56

## DELTA RINGS & D-RINGS

### Delta Rings and D-Rings

316 marine-grade stainless steel delta and D rings with a multitude of uses such as clew plates, multiple pulley arrangements and terminating webbing.



Delta D Ring



code	Type	mat Ø	int. width	int. height	min BL kN	min BL kg/KGF	price
WIR1773	Delta	6mm	50mm	44mm		4000kg	£4.98
WIR1781	Delta	8mm	50mm	50mm		5000kg	£10.38
WIR437315SS	D	3mm	15mm	12mm	1.8kN	183kgf	£0.27
WIR437420SS	D	4mm	20mm	17mm	3kN	305kgf	£0.37
WIR437525SS	D	5mm	25mm	22mm	4.8kN	489kgf	£0.49
WIR437630SS	D	6mm	30mm	27mm	7kN	713kgf	£0.76

## SWIVELS

### Petzl Swivels

Prevents ropes from twisting when the load is turning. With the exception of the Micro, they are all mounted on sealed ball bearings. Available in four types. Micro [CE, EAC certified], Small [CE certified] and Gated [CE, NFPA 1983 Technical Use and EAC certified] are for one-person. Micro and Gated open to avoid the need for extra connectors. Large is for two-person use [CE and NFPA 1983 General Use certified].



code	description	weight	min BL	price
PETP58XS0	Micro	75g	23kN	£50.00
PETP58S	Small	95g	23kN	£53.00
PETP58S0	Gated	130g	23kN	£69.00
PETP58L	Large	150g	36kN	£65.00

### Stainless Steel Swivels

316 marine-grade stainless steel. Available as jaw-to-jaw or eye-to-eye types. Not certified for lifting purposes.



Eye to eye Jaw to jaw



Eye to eye swivels	length	internal width	min BL KN	min BL KGF	price
WIR4215SS	60mm	13mm	6.4kN	652kg	£1.45
WIR4216SS	65mm	15mm	9.2kN	937kg	£1.95
WIR4218SS	90mm	20mm	16.3kN	1661kg	£2.95

Jaw to jaw swivels	length	internal width	min BL KN	min BL KGF	price
WIR4235SS	60mm	11.5mm	6.4kN	652kg	£1.65
WIR4236SS	66mm	12mm	9.2kN	937kg	£2.24
WIR4238SS	94mm	16mm	16.3kN	1661kg	£3.95