



**POWER DISTRIBUTION  
PRODUCT CATALOGUE**

**2018**

## ABOUT US

Falcon Engineering is a well established company that has over 60 years experience in the steel fabrication & general engineering industry. We are a producer of engineered components primarily for use by utility companies around Australia. Established in the early 1950's, Falcon Engineering has, over the past 60+ years, become an expert in manufacturing pole line hardware.

As a key supplier to Western Power, as well as a number of private electrical contractors who service non-government areas such as the mining sector, we have developed a reputation for excellence and reliability that is second to none.



## COMPANY MISSION

To enhance the return on investment of our customers by understanding their needs and providing integrated research and development, technical design assistance and cost effective project management, within an efficient, safe and continually improving environment.



## COMPLIANCE

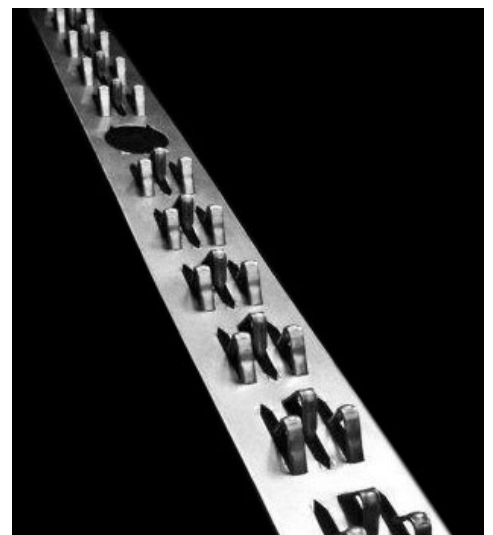
The company is proudly accredited for its quality management system, meeting all standards in accordance with ISO 9001:2015.



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## EYE BOLTS

PART NO	SIZE	QTY PER BAG	IMAGE
0429	M16x200mm	15	
0431	M16x260mm	15	
0432	M16x300mm	15	
0433	M16x350mm	10	
0434	M16x400mm	10	
0435	M16x450mm	10	
0436	M16x500mm	10	
0042	M20x260mm	10	
0043	M20x300mm	10	
0045	M20x350mm	10	
0047	M20x400mm	10	
0049	M20x450mm	5	
0051	M20x500mm	5	
0402	M24x400mm	5	
0403	M24x500mm	5	

M16 eye bolts come with:

- 1 x 75 x 75 x 5 Square Washer
- 1 x Nut


M20 eye bolts come with:

- 2 x 75 x 5 Square Washer

M24 eye bolts come with:

- 1 x 100 x 100 x 10 Curved Washer
- 1 x Nut

## POLE BOLTS

PART NO	SIZE	QTY PER BAG	IMAGE
0159	M12x300mm	20	 <p>All pole bolts come assembled with:</p> <ul style="list-style-type: none"> <li>• 1 x Flat Round Washer</li> <li>• 1 x 75x75x5 Square Washer</li> <li>• 1 x Coil Spring</li> <li>• 1 x 50x50x3 Square Washer</li> <li>• 1 x Nut</li> </ul>
0160	M12x400mm	20	
0366	M12x550mm	20	
0161	M16x300mm	15	
0162	M16x400mm	15	
0163	M16x550mm	10	
0164	M20x300mm	10	
0165	M20x400mm	10	
0367	M20x550mm	5	

## STAY RODS

PART NO	SIZE	
0054	M20x2100mm	each
0632	M24x2400mm	each
0057	M24x2400mm (reo)	each

*Comes with 75x75x5 square washer and nut*





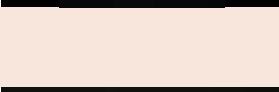


## ASSOCIATED ITEMS

PART NO	PART NAME
0609	300mm SQ x 6 Anchor Plate






**MILD STEEL BOLTS** (g4.6 galvanised hex head)

PART NO	PART NAME	THREAD LENGTH
0409	M12x65mm Coach Screw	60
0410	M12x75mm Coach Screw	70
0438	M12x150mm Bolt & Nut	35
0439	M16x130mm Bolt & Nut	45
0440	M16x150mm Bolt & Nut	45
0441	M16x180mm Bolt & Nut	50
0442	M16x200mm Bolt & Nut	45
0443	M16x220mm Bolt & Nut	60
0444	M16x240mm Bolt & Nut	60
0445	M16x260mm Bolt & Nut	60
0446	M16x280mm Bolt & Nut	60
0447	M16x300mm Bolt & Nut	210
0448	M16x325mm Bolt & Nut	60
0449	M16x350mm Bolt & Nut	60
0450	M16x375mm Bolt & Nut	60
0451	M16x400mm Bolt & Nut	60
0452	M16x450mm Bolt & Nut	60
0453	M20x150mm Bolt & Nut	60
0454	M20x475mm Bolt & Nut	70

## BRACKETS AND CLAMPS

PART NO	PART NAME	IMAGE
0063	Universal ABC Type Bracket	
0096	Shackle Straps	
0145	Single Phase Channel Rasier (640mm)	
0206	Single Phase Channel Rasier (1m)	
0123	Rural Fuse Bracket	
0128	HVABC Suspension Bracket	
0130	HVABC Tee-Off Bracket	
0131	HVABC Connector Plate	
0134	HVABC Connector Plate	
0199	Clevis Thimble & Double Bend Copper Bar	
0201	Clevis Thimble & Single Bend Copper Bar	
0201-01	Single Bend Copper Bar Only	

**BRACKETS AND CLAMPS CONT.**

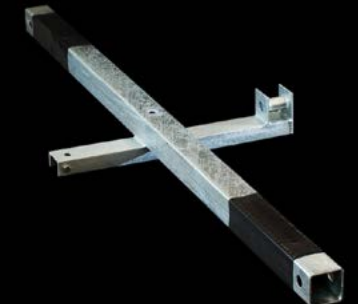
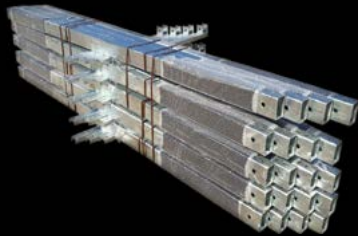








PART NO	PART NAME	IMAGE
0610	3 Phase Pole Termination Bracket With Angle	
0455	Dispersion Plate – Gang Nail	
0189	Outrigger Stay – 3.2m Long	
0184	Outrigger Stay – 2.7m Long	
0002	Cable Calmp to Suit 95mm SQ (3x1 core) Cable	
0147	Cable Clamp to Suit 35mm SQ (3x1 core) Cable	
0149	Cable Clamp to Suit 185-240mm SQ (3x1 core) & 400mm SQ Ali Cable	








**BRACKETS AND CLAMPS CONT.**

PART NO	PART NAME	IMAGE
0003	Cable Saddle to Suit 95mm SQ (3x1 core) Cable	
0148	Cable Saddle to Suit 35mm SQ (3x1 core) Cable	
0213	Cable Saddle to Suit 185-240mmSQ (3x1 core) Cable	
0400	Cable Saddle to Suit 400mmSQ Ali Cable	
0611	3Ph Armour Ring 71mm ID	
0613	3Ph Armour Ring 89mm ID	
0705	3PH Armour Ring 140mm ID	
0739	Cable Cover 2.4m Long	
0190	Clevis Earth for Conc Poles	
0193	Street Light Bracket – Short ABC	
0194	Street Light Bracket – Long ABC	
0204	Street Light Bracket – Large Highway	



## CROSSARMS

PART NO	PART NAME	IMAGE
0001	Unitised Crossarm 75x75x3, 1900mm with Welded Raiser (640mm)	
0277	Anti-Swan Unitised Crossarm 125x75x5, 3300mm with Welded Raiser (1m)	
0354	Anti-Swan Unitised Crossarm 125x75x5, 3300mm with Welded Raiser (640mm)	
0355	Crossarm 100x100x4 Standard, 1500mm	
0356	Intermediate Crossarm 100x100x4, 2000mm	
0358	Intermediate Crossarm 125x75x5, 2000mm	
0357	Termination Offset Crossarm 125x75x5, 2400mm	
0360	Termination Crossarm 100x100x4, 2400mm	
0361	Termination Anti-Swan Crossarm 125x75x5 3300mm	
0295	Crossarm - Transformer for Conc and Wooden Poles	







**CROSSARMS CONT. ASSOCIATED ITEMS**

PART NO	PART NAME	IMAGE
0211	"T" Mounting Brack	
0747	Bolts for "T" Mounting Bracket (M12x150mm, c/w 3x flat round washers, small coil spring and nut)  <b>Two bolts supplied with 0211</b>	
0166	Insulator Stud (M24x190)	
0167	Polymeric Stud (M24x173mm Anti Vibration)	
0762	M24 x 220mm Polymeric Stud	
0098	50x6x910mm HV Xarm Strap with 14mm & 22mm Holes	
0244	50x6x1020mm Xarm Strap with 2x 18mm Holes	
0592	50x6x750mm Xarm Strap with 2x 14mm Holes	
0593	50x6x750mm Xarm Strap with 2x 18mm Holes	
0594	40x5x770mm Xarm Strap with 2x 14mm Holes	
0595	50x6x915mm Xarm Strap with 2x 14mm Holes	
0596	50x6x915mm Xarm Strap with a 14 & 18mm hole	
0597	50x6x915mm Xarm Strap with a 14 & 22mm hole	

## POLES





PART NO	PART NAME	RATING	IMAGE
0222	9.5m Standard Galvanised "A" Frame Pole	9kN	
0223	11.0m Standard Galvanised "A" Frame Pole	13kN	
0224	12.5m Standard Galvanised "A" Frame Pole	13kN	
0232	9.5m Standard Galvanised CHS Pole	5kN	
0233	11.0m Standard Galvanised CHS Pole	5kN	
0234	12.5m Standard Galvanised CHS Pole	6kN	
0328	6.5m Consumer Pole		
0351	8.5m Consumer Pole		

## SPECIAL TOOLS

PART NO	PART NAME	IMAGE
0704	80x10 S/S ID tags	
0267	0.6mm Depth Set Cable Knife	
0283	Double Headed Post Hole Shovel	
0319	Pole Turning Cant Hook	
0386	Cable Sizing Tool	
0344	Pole Stand, 2000kg WLL	



**SPECIAL TOOLS CONT.**

PART NO	PART NAME	IMAGE
0140	Standard Pillar Key	
0139	Flat Bar Pillar Key	
0345	Modified Pillar Key	
0586	Standard Cable Roller	
0587	Cable Roller with Bar	
0473	Pole Puller Wedges	
0737	OPGW Storage Reel	

## 33kV LINE HARDWARE

- Phosphorus Section/Termination Crossarms
- Cherry Section/Termination Crossarms
- Off-Set Intermediate Crossarms
- Insulator Mounting Bracket (Single and Double)
- Dual Stay Plates
- Transformer Mounting Brackets

## CUSTOM FAB

Falcon Engineering can offer custom fabrications to meet requirements which include:

- Trench Covers
- Structures
- Plinths
- Chutes

