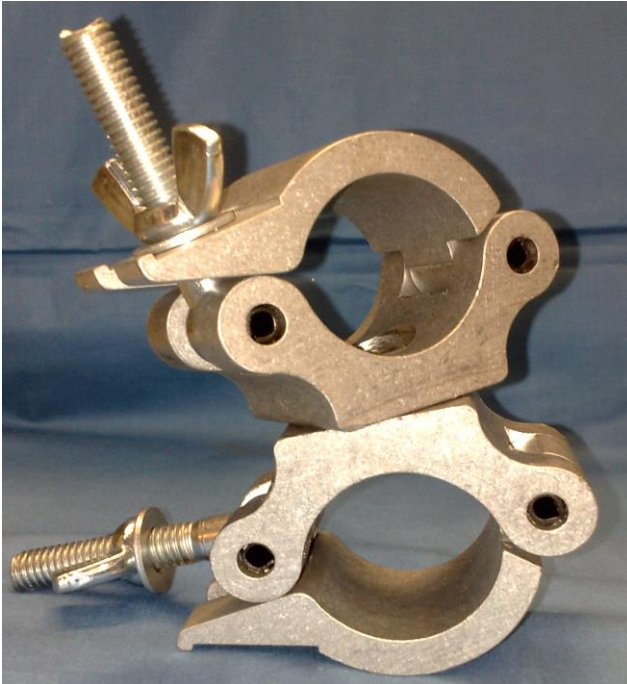


EXTRUDED ALUMINIUM COUPLER

3rd April 2017

DESIGNED TO SUIT 2" O.D TUBE (50.80MM)
& WILL ALSO CLAMP ONTO 1²⁹/₃₂" O.D TUBE (48.4MM)



The coupler is designed to accommodate two tube sizes with its unique tube receiving feature. Each inner face has two arcs so that the coupler is capable of clamping onto 50.8mm (2") and 48.44mm (1 29/32") OD tubing



Swivel Coupler shown above

**In line fixed Coupler
with hex nuts**

**Coupler with lifting eye
& lifting eye**

COMPONENT

Lid
Body
Eyebolt
Spring tension roll pin
Wing nut/hexagonal nut
Joining rivet

MATERIAL

Aluminium alloy to 6082 T6 to BS EN 485/515/755
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Cold Forged Boron steel BS EN 10263 Bright Zinc Plated
Spring steel, Self colour finish
Forged steel, Bright Zinc Plated
Solid steel 20mm dia. 230MO7PB to BS EN 10025:1993-S275 Bright Zinc Plated

Extracts from Test Report: "The right angle couplers and the swivel couplers met the, specification of the relevant, section of BS 1139:1991, provided they were secured with nuts torque tightened to 55Nm. This torque or more can be achieved with a standard 'scaffolding wrench. It should be noted that a specially modified torque wrench adapter is required if 'wing nuts are used. Info., 55Nm = 40.3 lbf.ft.

SAFE WORKING LOAD – 500Kgs (tensile load with safety factor of 8)

Note: Refer to manufacturers/suppliers specification or advice when coupling onto aluminium towers, especially ones with thin wall tubing. The main considerations are:-

over tightening when couplers are fitted with nuts ; tightening and crushing thin wall tubing; poor slip resistance when couplers are fitted with wing nuts - in these cases ensure couplers have a check fitting to prevent slipping or are located above a check point e.g. a tee piece joint; using the appropriate couplers for the applications and using extra couplers if necessary; if in doubt contact your manufacturer/supplier.

Prices: 3rd April 2017
(excluding carriage & VAT)

<u>Part No.</u>	<u>Description</u>	<u>Price £</u>
EAC50	Half coupler	£11.12
EAC50S	Swivel coupler	£23.86
EAC50F	In-line or 90° fixed	£25.27
EAC50L	Half coupler c/w lifting eye	£16.13
EAC50B	Half Coupler Broached	£12.36

Notes The couplers are supplied with wing nuts as standard, or hexagonal nuts if specified.
The couplers can be stamped with "SWL 500Kgs" if specified.

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