

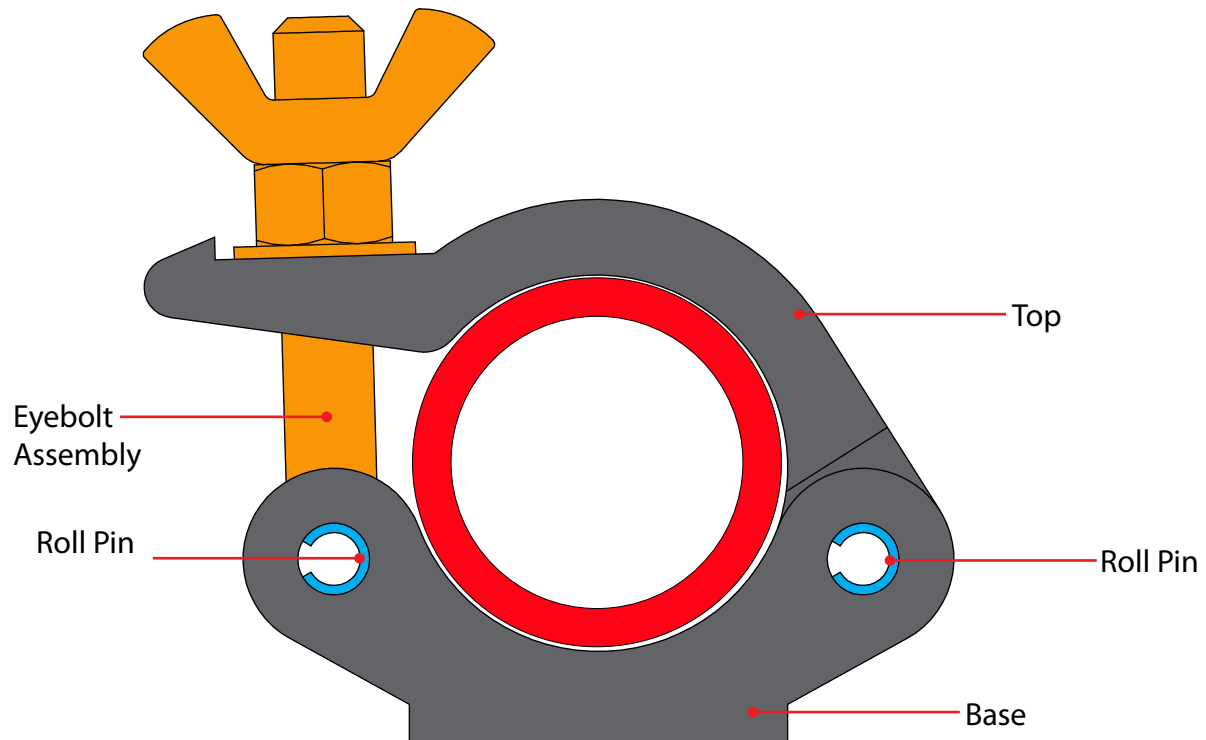


User Manual

www.doughty-engineering.co.uk

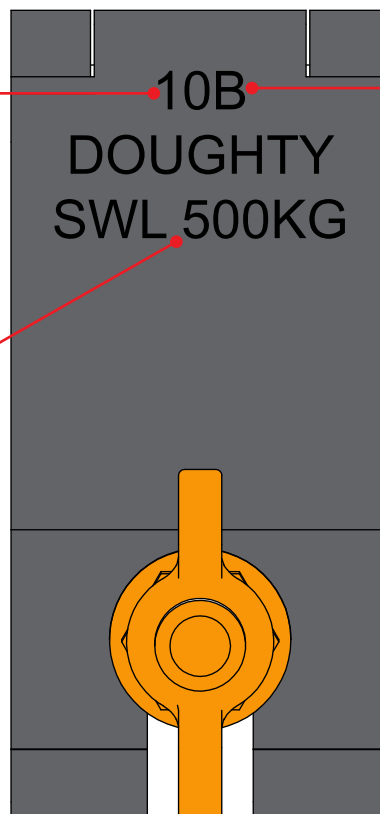
T57230 Doughty Half Coupler





Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011

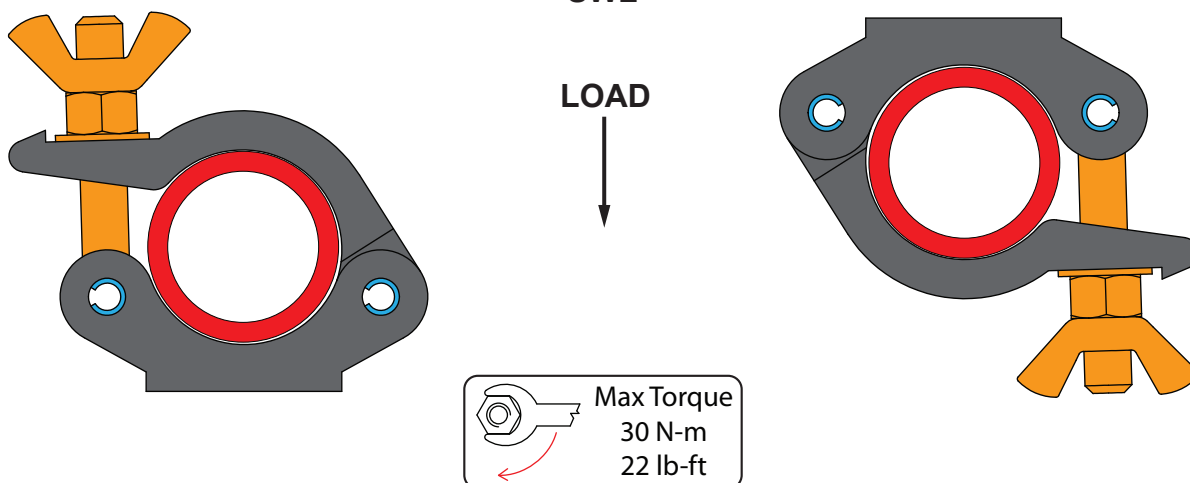
**Safe
Working
Load**



Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March

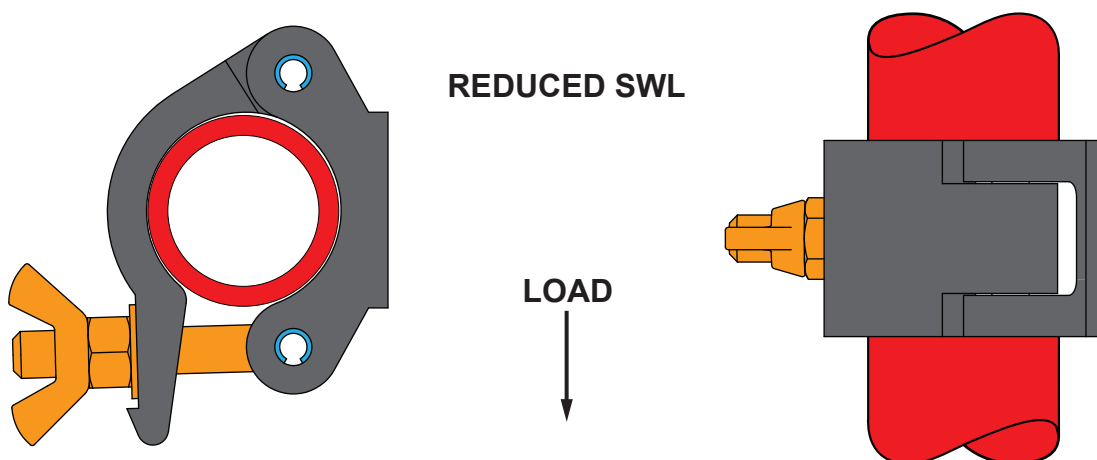
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (48-51mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



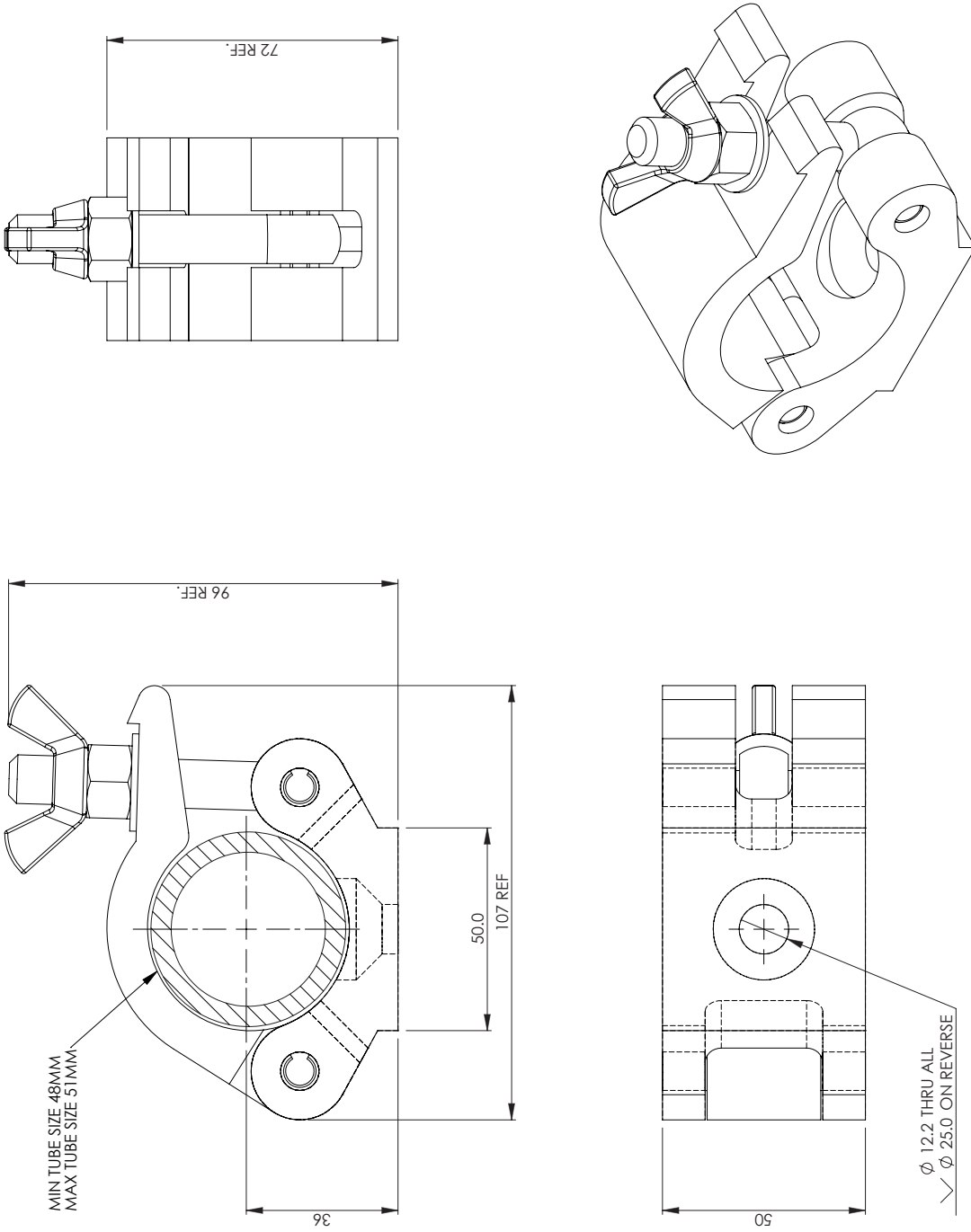
RECOMMENDED SWL

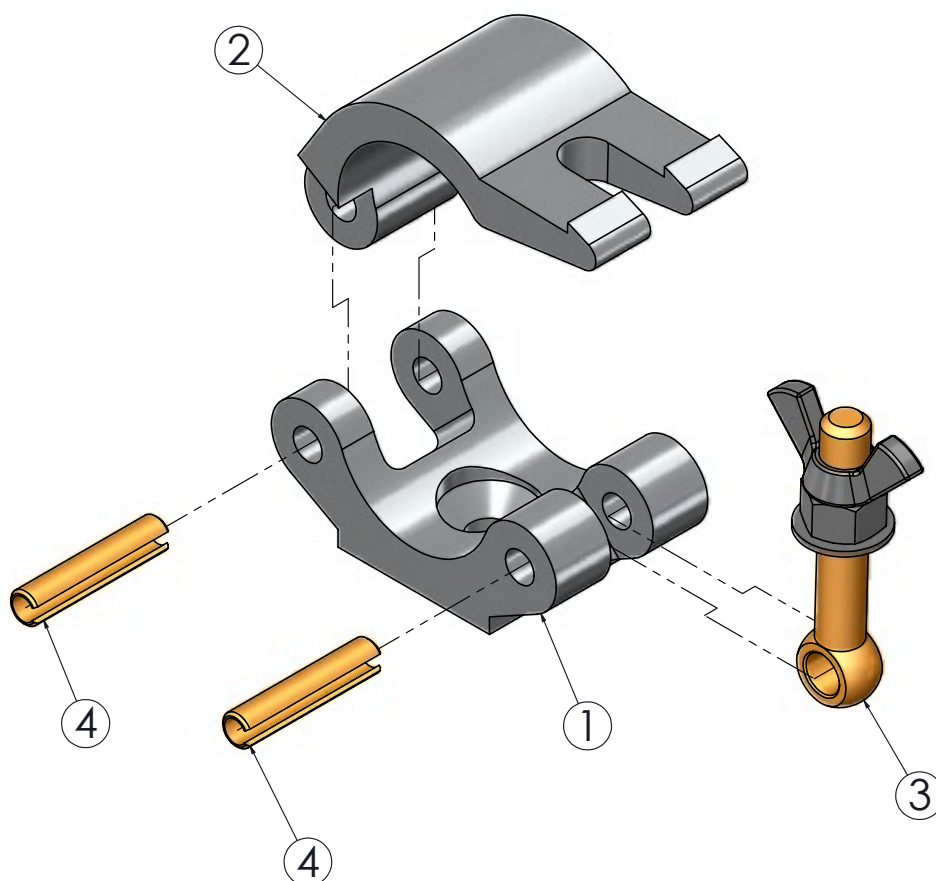


THE FOLLOWING APPLICATIONS WILL RESULT IN THE RECOMMENDED SWL BEING REDUCED DEPENDANT ON THE TUBE SURFACE FINISH & TORQUE SETTINGS APPLIED. PROOF LOADING ON INSTALLATIONS IS RECOMMENDED.

REDUCED SWL




 DOUGHTY ENGINEERING LTD	DATA SHEET	TITLE: DOUGHTY LP WELD COUPLER	PART NOS: 157230	MATERIAL : ALUMINIUM	WEIGHT: 0.49 KG	SWL: 500 KG	FINISH: POLISHED	NOTES: MIN TUBE SIZE - 48MM MAX TUBE SIZE - 51MM	STRICTLY FOR REFERENCE PURPOSES ONLY	 THIRD ANGLE PROJECTION
<div>  <p>Technical drawing of the Doughty LP Weld Coupler. The drawing includes three views: a front view, a side view, and an isometric view. The front view shows a central circular opening with a diameter of 12.2 mm and a maximum diameter of 25.0 mm on the reverse. The side view shows a width of 36 mm and a height of 50.0 mm. The isometric view shows a length of 107 mm and a height of 50.0 mm. The drawing also includes a detail of the coupling mechanism with a dimension of 72 mm REF. and a note indicating the minimum tube size is 48 mm and the maximum tube size is 51 mm.</p> </div>										



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY
AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH577	MACHINED DOUGHTY WELD COUPLER BASE	1
2	TH157	MACHINED DOUGHTY CLAMP TOP	1
3	T78000	M12 X 70 EYEBOLT	1
4	F790	0.375" X 1.75" STAINLESS STEEL ROLL PIN	2

T57230 - DOUGHTY LP WELD COUPLER			DRAWN	AW
			DATE	13/01/2011
			Rev	1

NOT TO SCALE



Doughty Engineering Limited

CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND

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email:sales@doughty-engineering.co.uk

EC DECLARATION OF CONFORMITY

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

Description: Low Profile Weld Coupler

Model/s: Part No. T57230

SWL: 500Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

Harmonised Standards applied:

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

National Technical Standards & Specifications applied:

BS 7905-1:2001

Signed: 

Date:23-04-08

Name: Nigel Curtis

Position: Technical Director

Being the responsible person appointed by the manufacturer.



DEQ 083 Rev 4

Company Registration No. London 972614

Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ

Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright





Product Service

CERTIFICATE

No. B 06 11 20319 017

Holder of Certificate: Doughty Engineering Ltd.

 Crow Arch Lane
 Ringwood, Hampshire
 BH24 1NZ
 UNITED KINGDOM

Production Facility(ies): 20319

Certification Mark:

Product: Clamps

Model(s): WELD BASE HALF COUPLER T57230

Parameters: Material: Aluminium
 Weight: 529 g
 Load rating: 500 kg

Tested according to: DIN 31000/A1:2006

The product was tested on a voluntary basis and complies with the following essential requirements. The certification mark shown above can be affixed on the product. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: 71302787

Valid until: 2011-11-06

Date: 2006-11-06

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Note: Whilst every effort has been made to ensure that the information contained within this manual is correct, Doughty Engineering does not accept any liability for errors or omissions. Specifications and technical data are intended for guidance purposes only and may vary.