



# User Manual

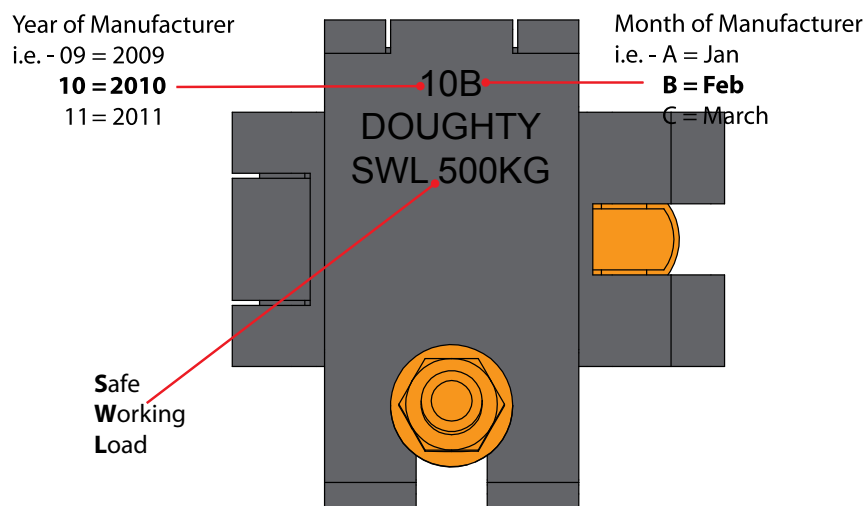
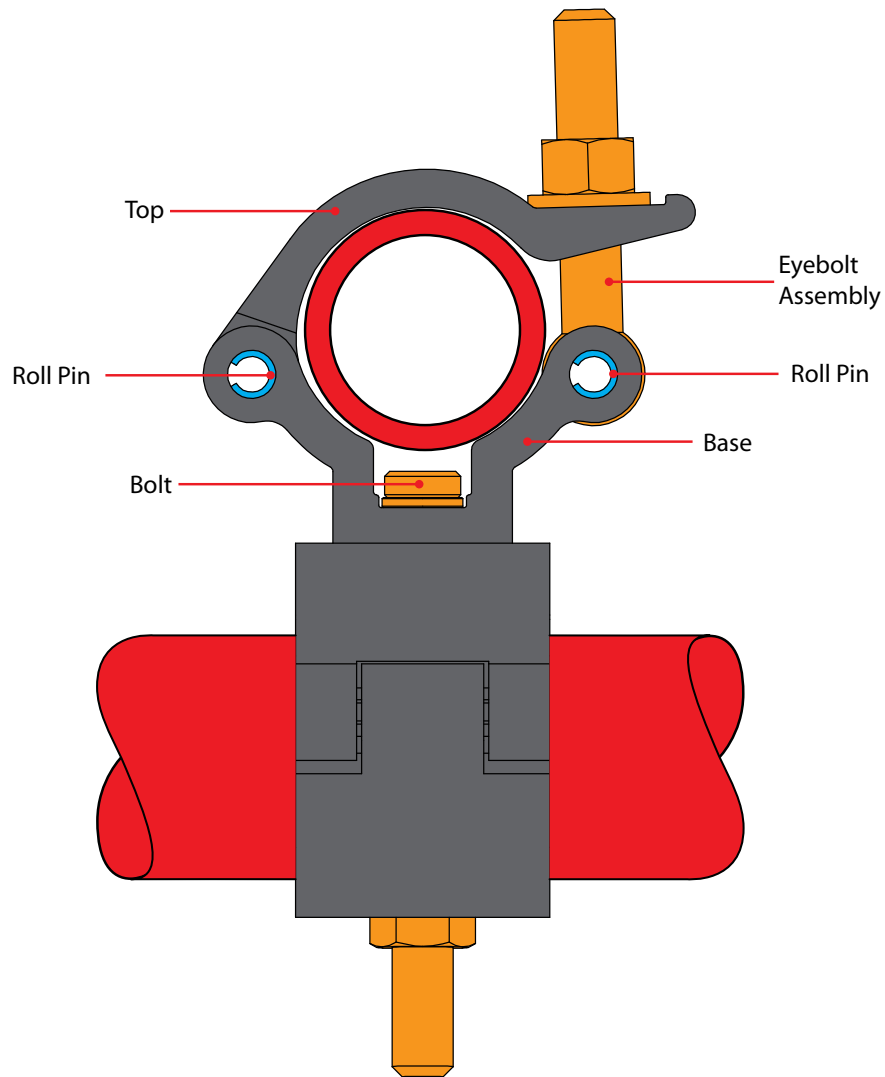
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## T58120/21 Lightweight Swivel Coupler

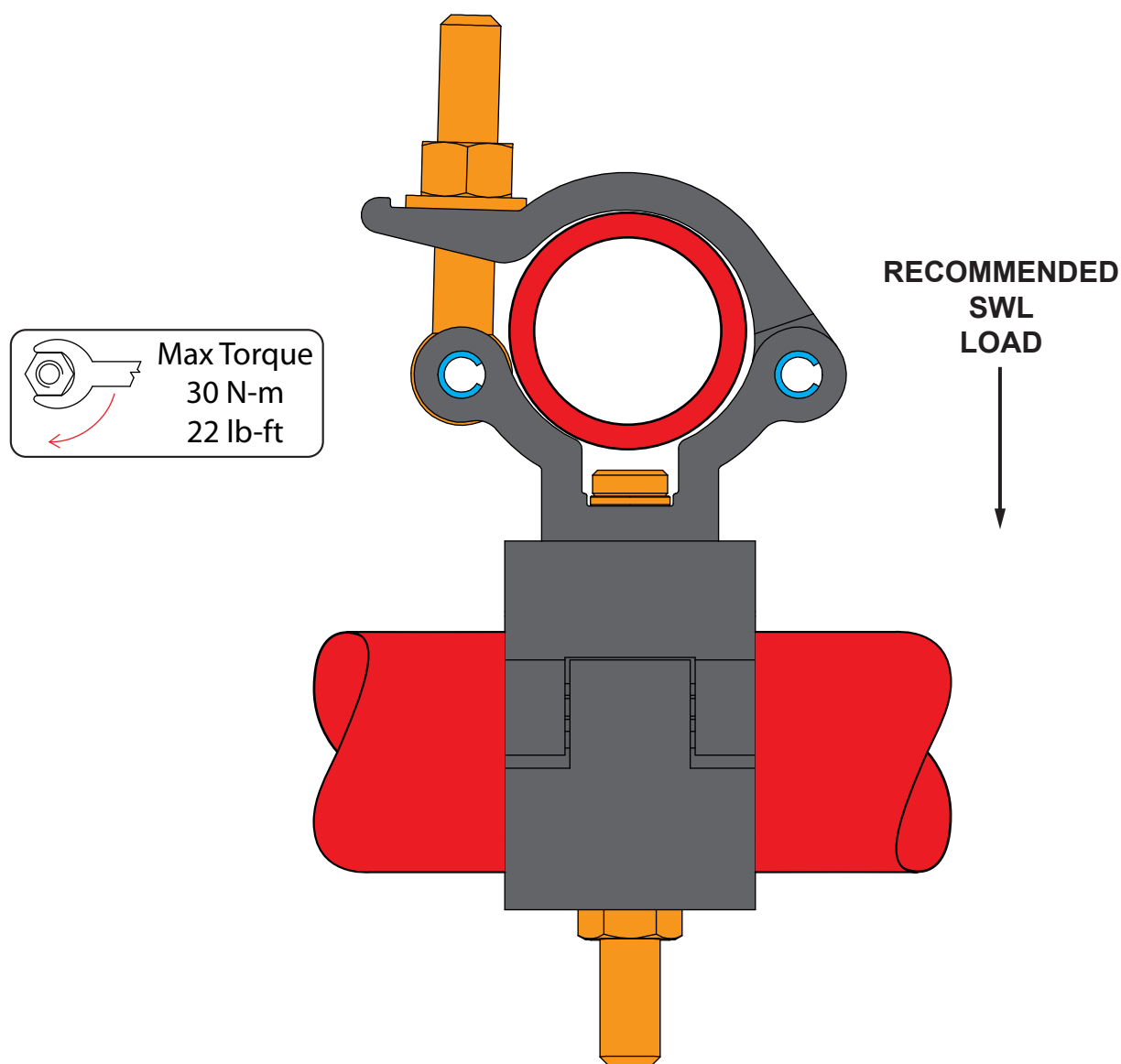



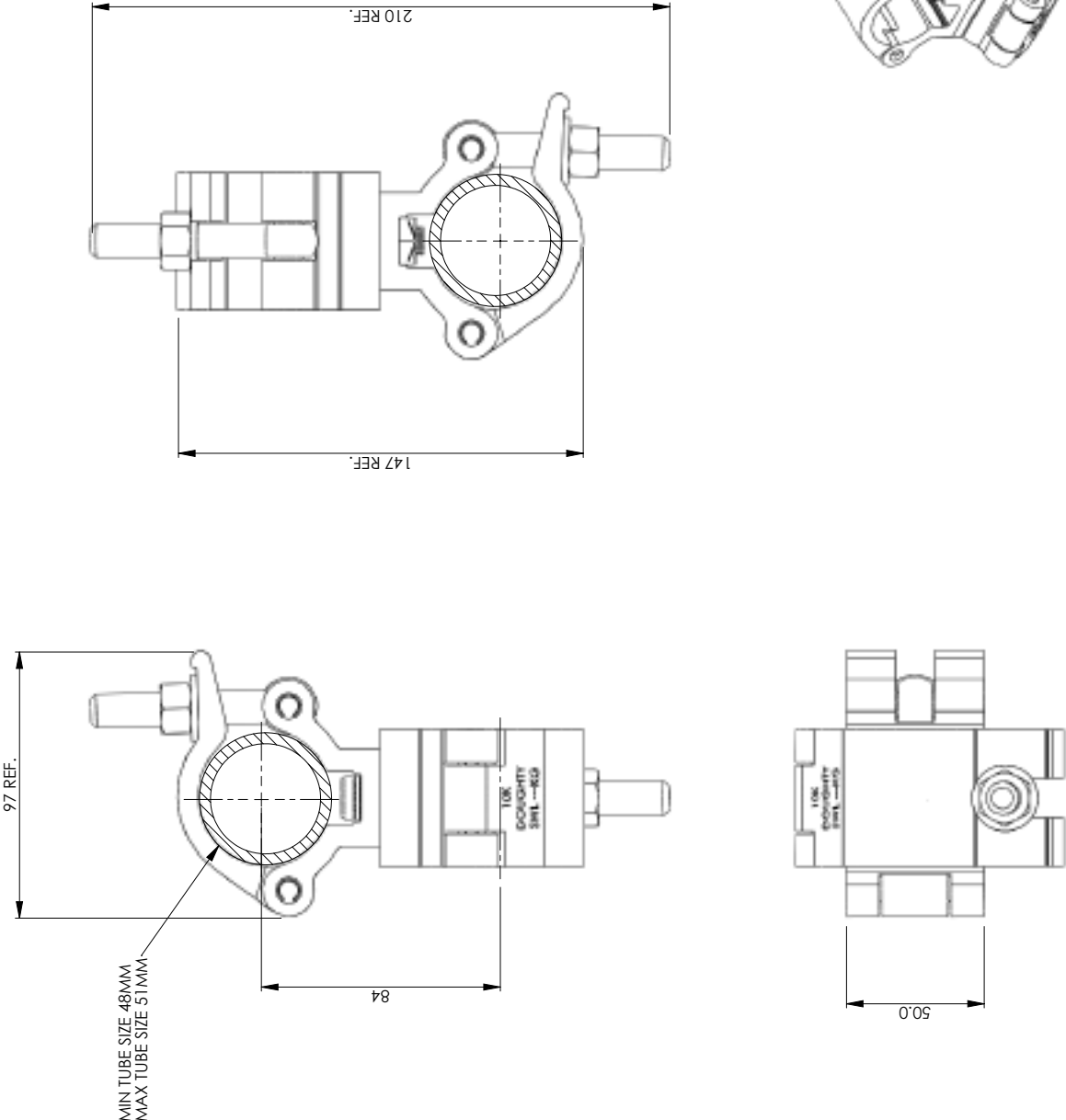

Version 02/11

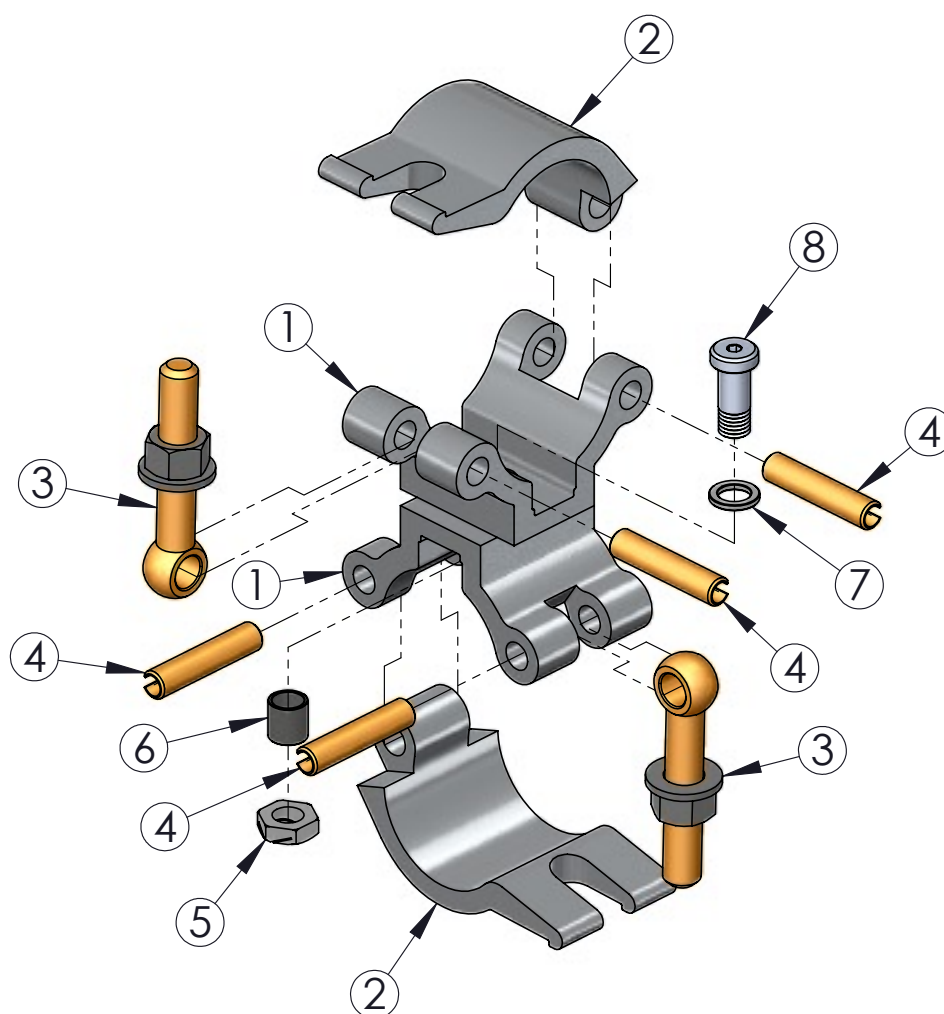
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1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (48-51mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service 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.



<div><div>DOUGHTY ENGINEERING LTD</div></div>		DATA SHEET	
TITLE: DOUGHTY L/W SWIVEL COUPLER		PART NOS: T58120 - SILVER T58121 - BLACK	
MATERIAL : ALUMINIUM		WEIGHT: 0.76 KG	
SWL: 500 KG		FINISH: T58120 - POLISHED T58121 - POWDER PAINTED BLACK	
NOTES: PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE		STRICTLY FOR REFERENCE PURPOSES ONLY	
 <p>Technical drawing of the Doughty L/W Swivel Coupler. The drawing includes three views: a front view, a side view, and an isometric view. The front view shows a cylindrical body with a flange and a central opening. Dimensions include a total length of 210 REF., a flange diameter of 147 REF., and a mounting bracket width of 97 REF. The side view shows a mounting bracket with a central opening and a flange. Dimensions include a bracket width of 84 and a central opening diameter of 50.0. The isometric view shows the overall shape of the coupler. A note indicates the minimum tube size is 48mm and the maximum tube size is 51mm.</p>		 <p>THIRD ANGLE PROJECTION</p>	



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	TH640	MACHINED L/W DOUGHTY CLAMP BASE	2
2	TH257	MACHINED L/W DOUGHTY CLAMP TOP	2
3	T78005	M12 X 70 EYEBOLT ASSEMBLY	2
4	F790	0.375" X 1.75" STAINLESS STEEL ROLL PIN	4
5	F888	M10 BINX NUT BZP REDUCED	1
6	F997	LIGHTWEIGHT CLAMP SPACER TUBE	1
7	TH1082	M10 ALUMINIUM WASHER - S1931	1
8	F995	M10 x 25 REDUCED HEAD SOCKET CAP	1

## T58120 - DOUGHTY L/W SWIVEL COUPLER



NOT TO SCALE

DRAWN	AW
DATE	01/02/2011
Rev	1



**Doughty Engineering Limited**

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**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:** Lightweight Fixed Coupler

**Model/s:** Part No. T58120 / T58121

**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

**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

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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.