



# User Manual

[www.doughty-usa.com](http://www.doughty-usa.com)

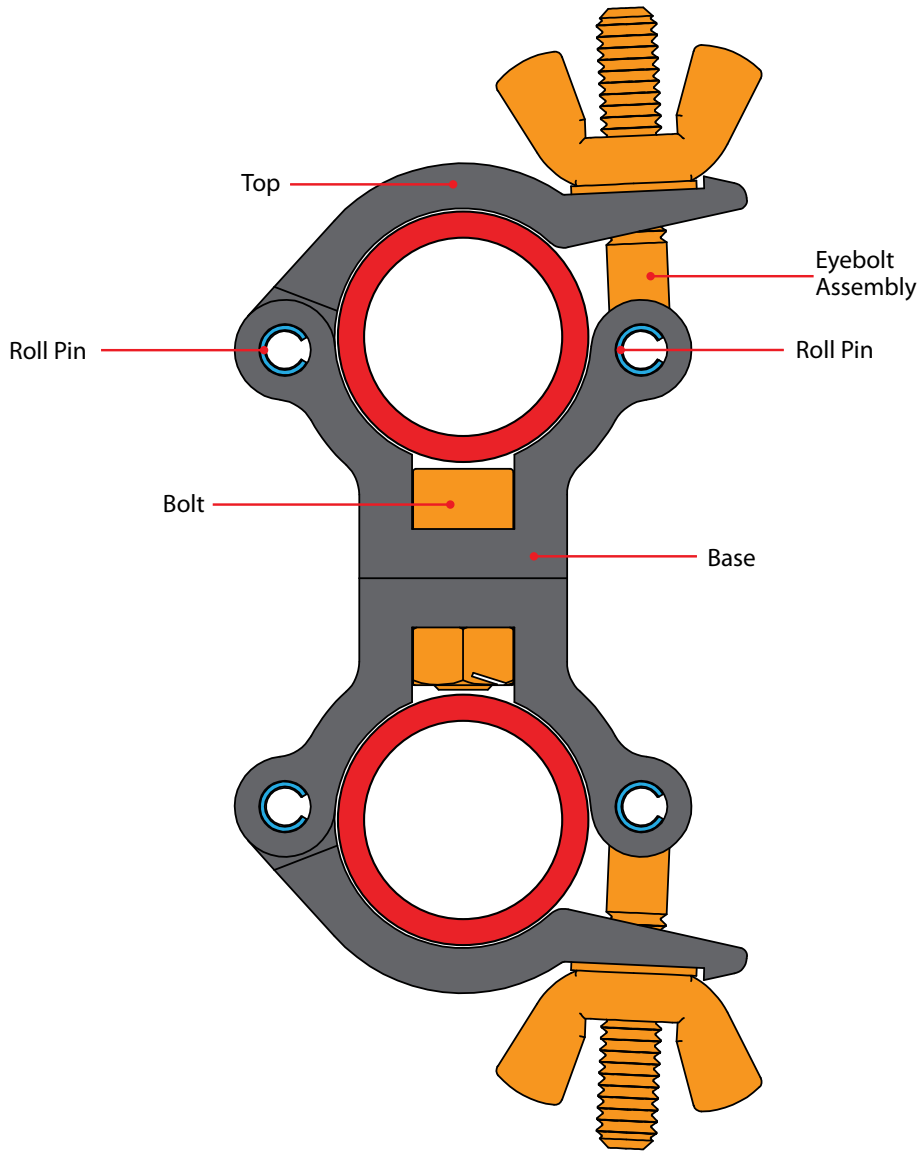
## T58880/T5888001 1" Atom Parallel Coupler



Version 04/11



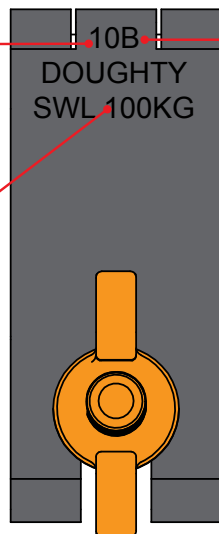
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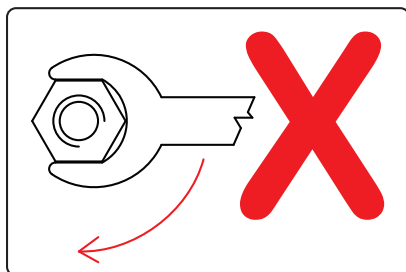
Year of Manufacturer  
i.e. - 09 = 2009  
**10 = 2010**  
11 = 2011

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

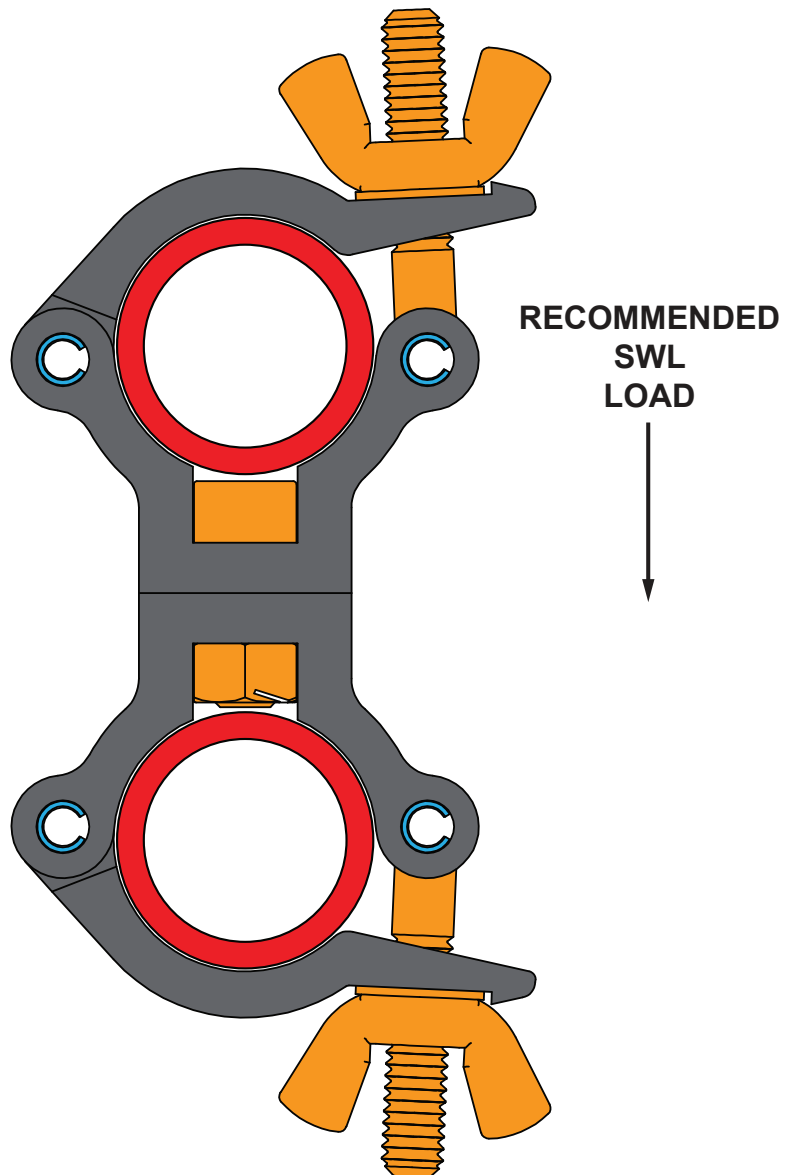
Safe Working Load





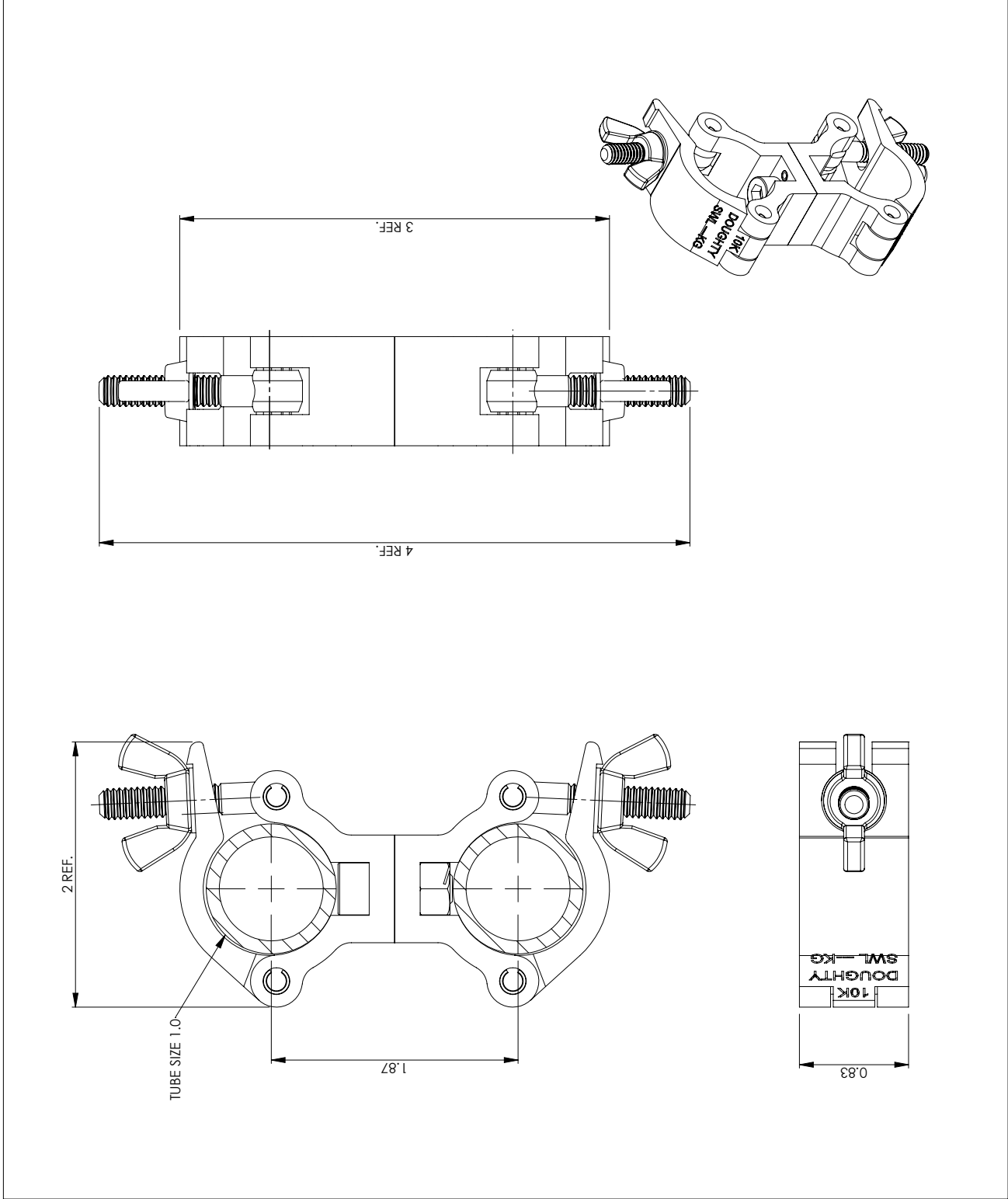
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (1")
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' 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.

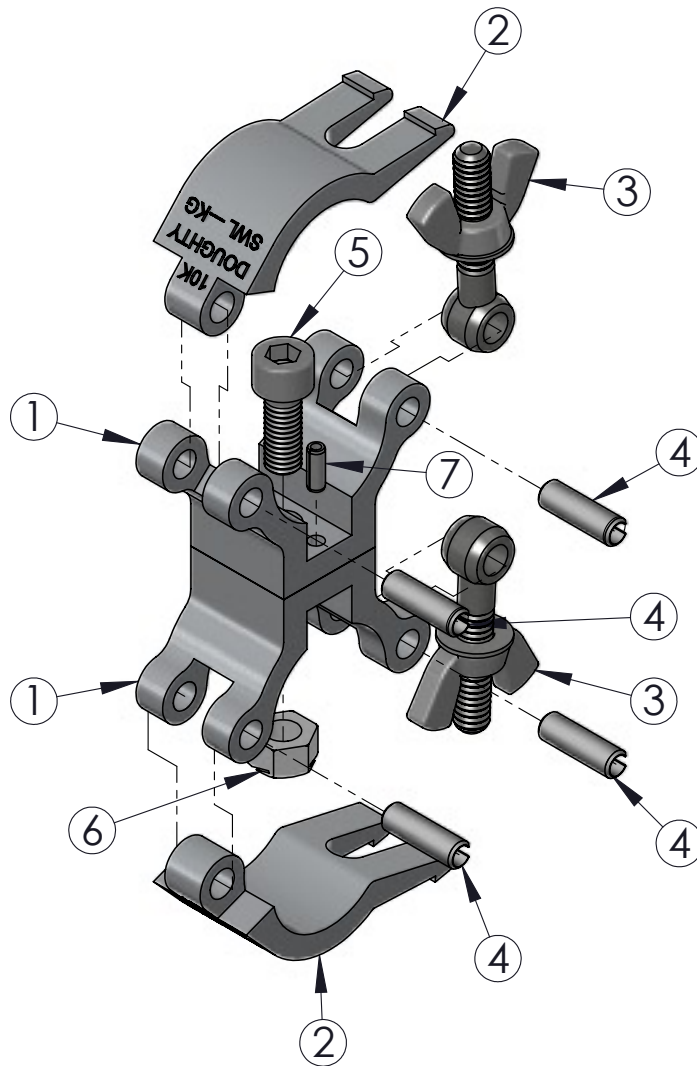


**TIGHTEN BY HAND ONLY**



 DOUGHTY ENGINEERING LTD	<h3 style="text-align: center;">DATA SHEET</h3>	TITLE: 25MM ATOM PARALLEL COUPLER	PART NOS: T58880 - SILVER T5888001 - BLACK	MATERIAL : ALUMINIUM	WEIGHT: 220lb	SWL: 220lb	FINISH: T58880 - POLISHED T5888001 - POWDER PAINTED BLACK	NOTES: PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE	<h2 style="text-align: center;">STRICTLY FOR REFERENCE PURPOSES ONLY</h2>	 THIRD ANGLE PROJECTION
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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	TH655	MACHINED 25MM ATOM CLAMP BASE	2
2	TH133	MACHINED 25MM ATOM CLAMP TOP	2
3	T78015	M6 X 35 DOUGHTY EYEBOLT ASSEMBLY	2
4	F772	M5 X 16 ROLL PIN STAINLESS STEEL	4
5	F682	M6 X 16 SKT CAP SCREW	1
6	F767	M6 BINX NUT BZP	1
7	F760	M3 X 8 ROLL PIN STAINLESS STEEL	1

## T58880 - 25MM ATOM PARALLEL COUPLER



DRAWN	AW
DATE	24/03/2011
Rev	1

NOT TO SCALE



**Doughty Engineering Limited**

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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:** Ø25mm Atom Parallel Coupler

**Model/s:** Part No. T58880 / T5888001

**SWL:** 100Kg      **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:

A handwritten signature in black ink, appearing to read "Nigel Curtis".

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





**Doughty Engineering USA**

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Web: [www.doughty-usa.com](http://www.doughty-usa.com)

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# User Manual

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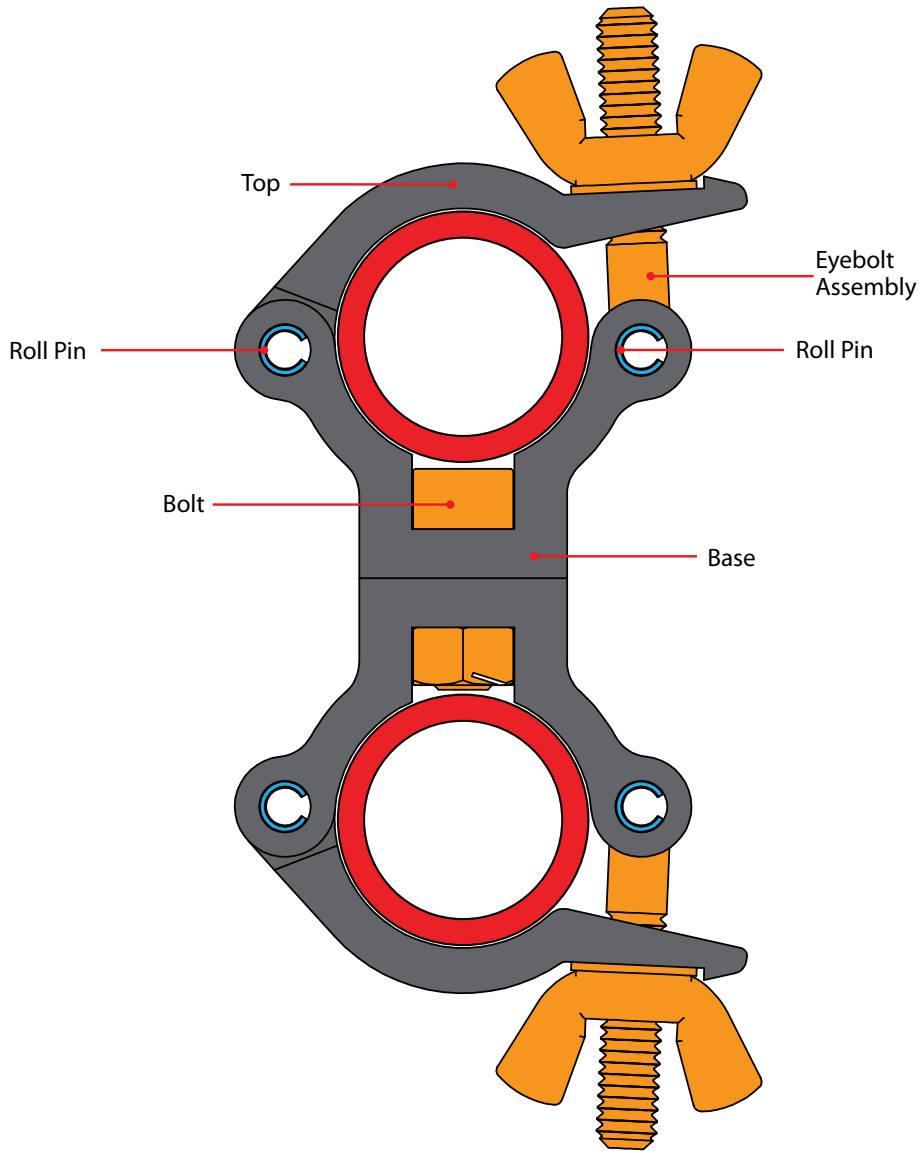
## T58815/T5881501 1¼" Atom Parallel Coupler



Version 04/11

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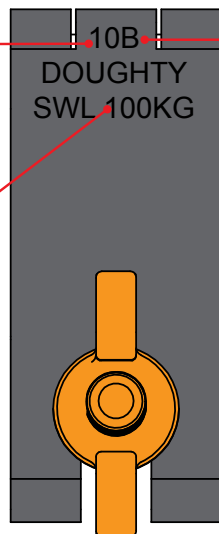




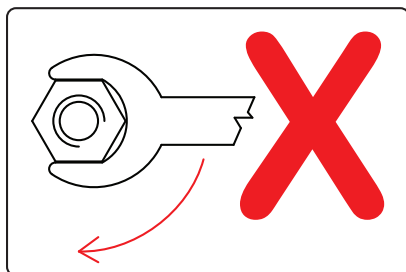
Year of Manufacturer  
i.e. - 09 = 2009  
**10 = 2010**  
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Month of Manufacturer  
i.e. - A = Jan  
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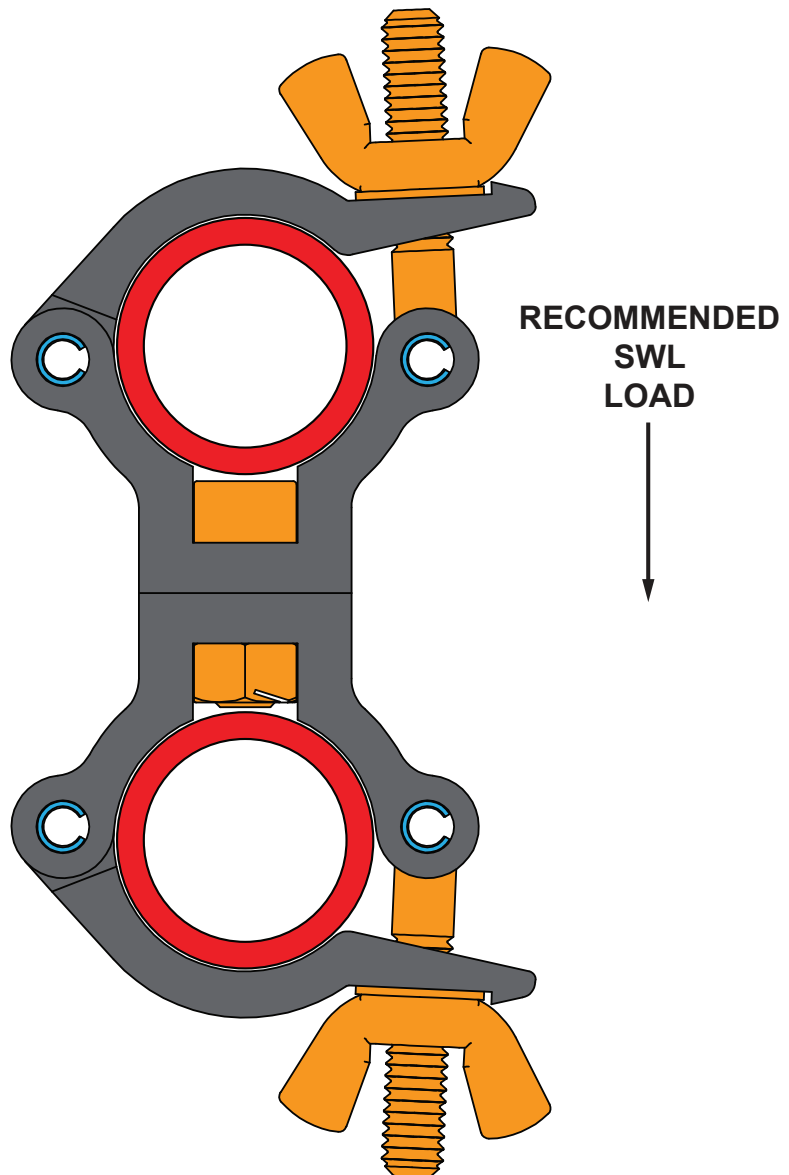
Safe  
Working  
Load





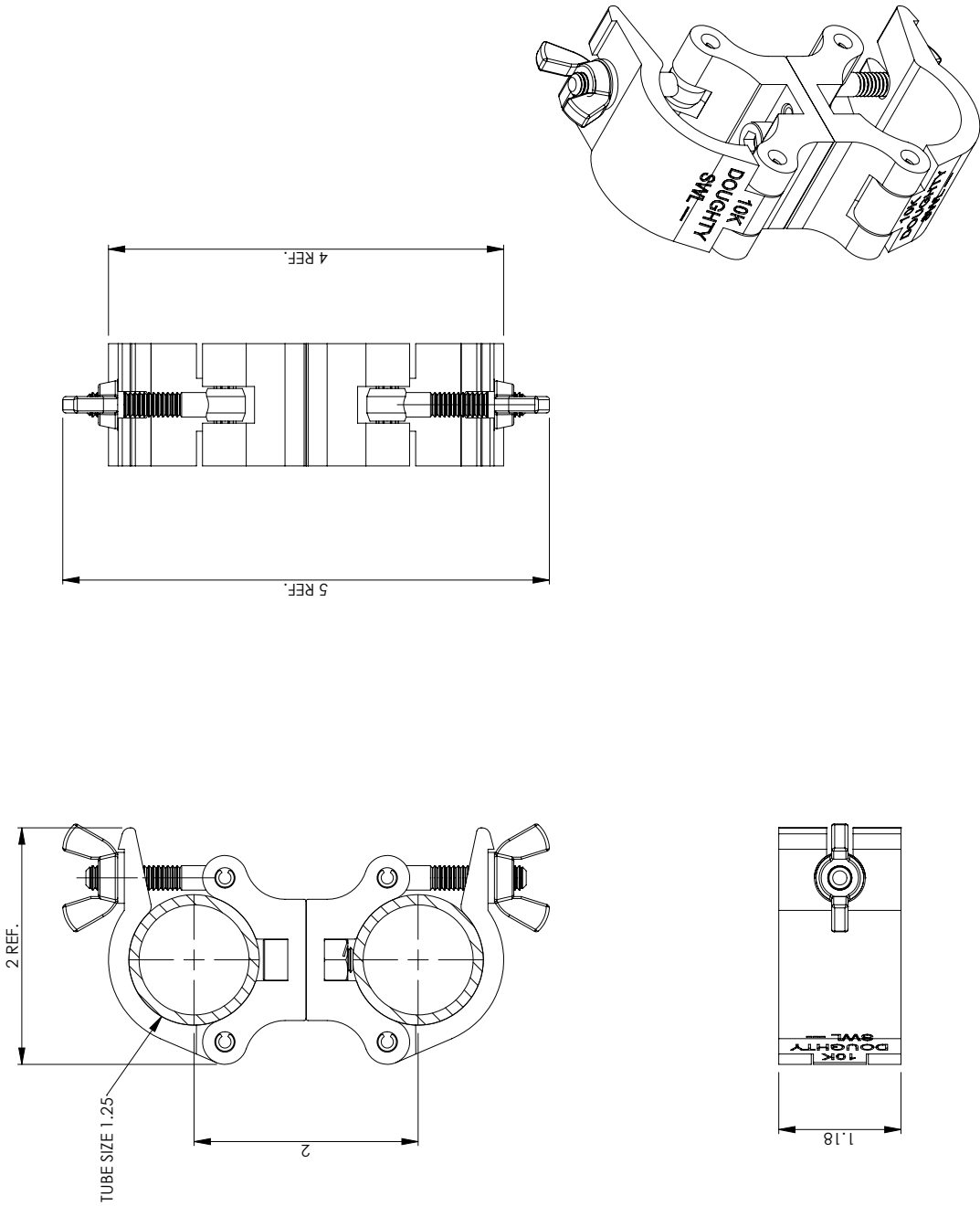
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (1¼")
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' 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.

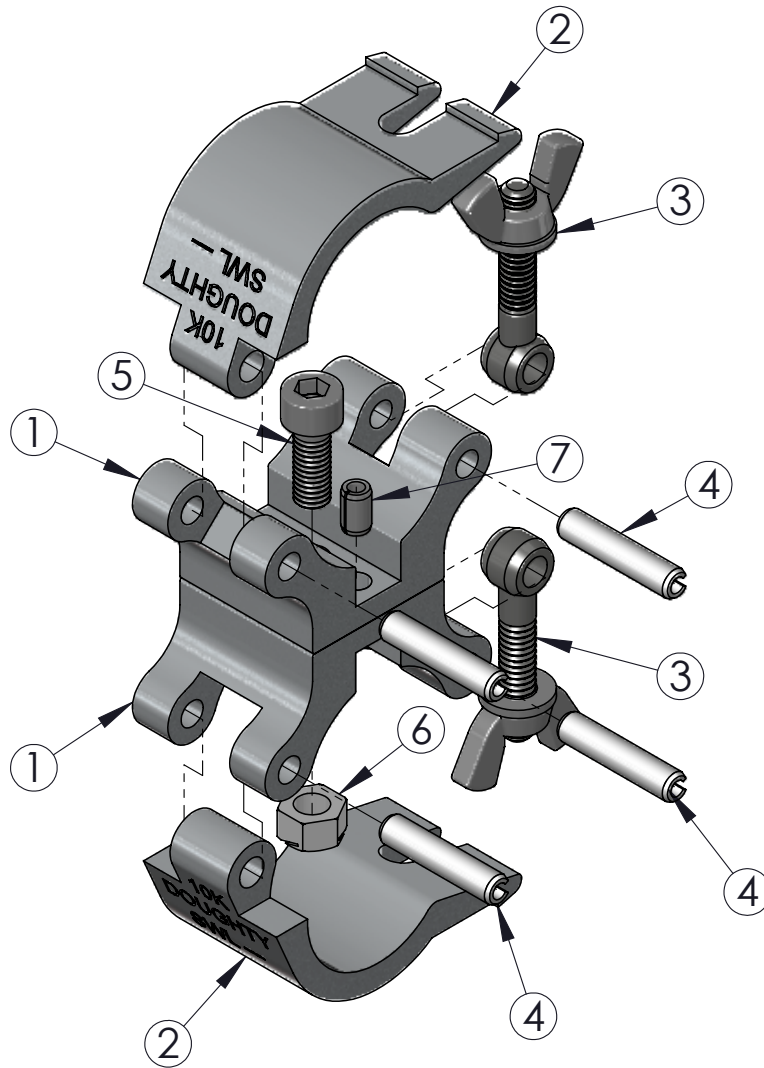


**TIGHTEN BY HAND ONLY**



 DOUGHTY ENGINEERING LTD	<h2>DATA SHEET</h2>	TITLE: 32MM ATOM PARALLEL COUPLER	PART NOS: T58815 - SILVER T5881501 - BLACK	MATERIAL : ALUMINIUM	WEIGHT: 220lb	SWL: 220lb	FINISH: T58815 - POLISHED T5881501 - POWDER PAINTED BLACK	NOTES: PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE	<h3>STRICTLY FOR REFERENCE PURPOSES ONLY</h3>	 THIRD ANGLE PROJECTION
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DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY  
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SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH320	MACHINED 32MM ATOM CLAMP BASE	2
2	TH321	MACHINED 32MM ATOM CLAMP TOP	2
3	T78010	M6 X 39 EYEBOLT	2
4	F771	M5 x 25 Stainless Steel Roll Pin	4
5	F682	M6 X 16 SKT CAP SCREW	1
6	F767	M6 BINX NUT BZP	1
7	F775	M5 x 8 ROLL PIN STAINLESS STEEL	1

## T58815 - 32MM ATOM PARALLEL COUPLER



NOT TO SCALE

DRAWN	AW
DATE	28/03/2011
Rev	1



**Doughty Engineering Limited**

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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:** Ø32mm Atom Parallel Coupler

**Model/s:** Part No. T58815 / T5881501

**SWL:** 100Kg      **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:

A handwritten signature in black ink, appearing to read "Nigel Curtis".

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





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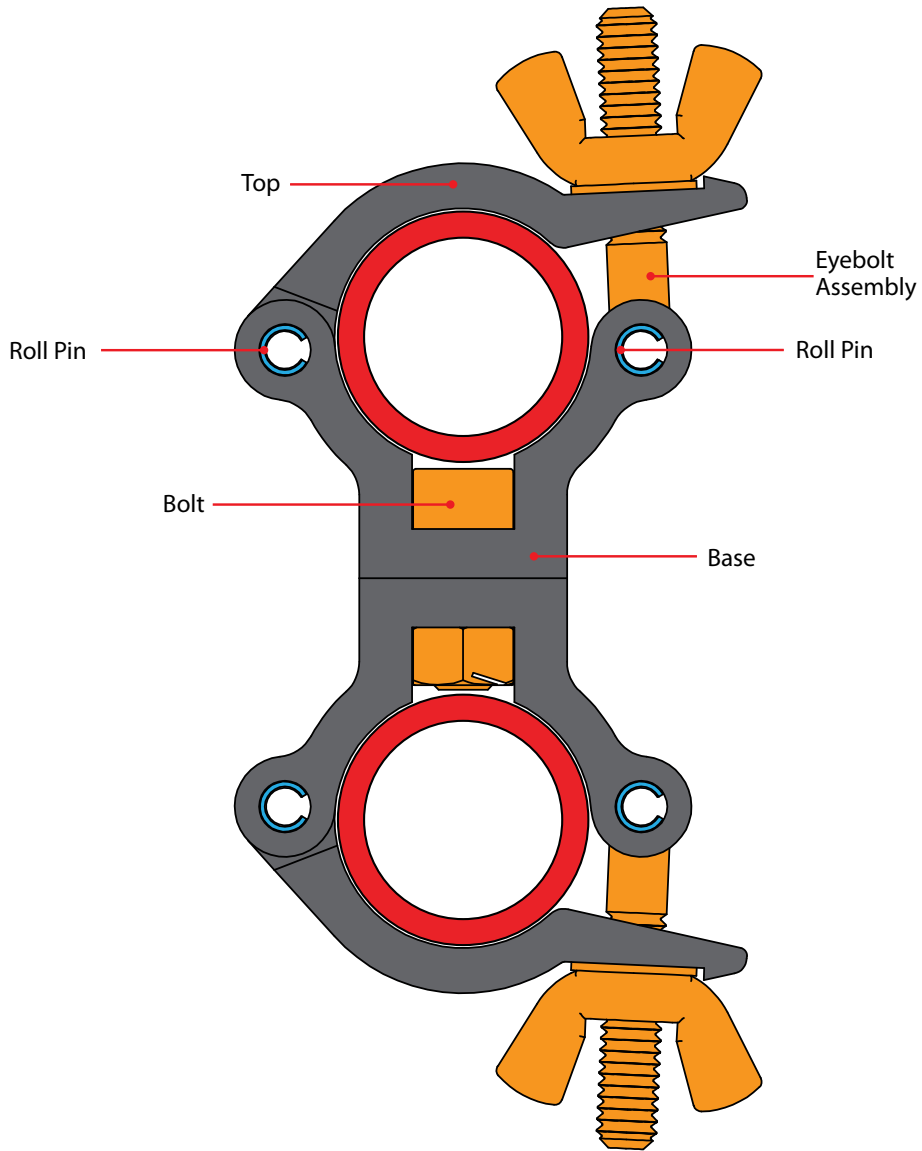
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## T58980/T5898001 1½" Atom Parallel Coupler



Version 04/11

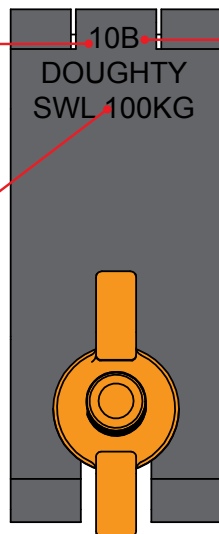
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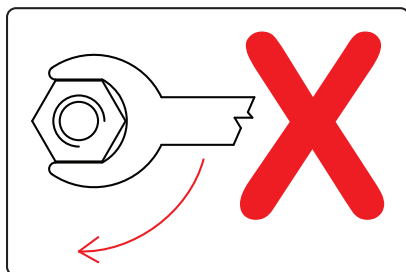
Month of Manufacturer  
i.e. - A = Jan  
**B = Feb**  
C = March

Safe Working Load

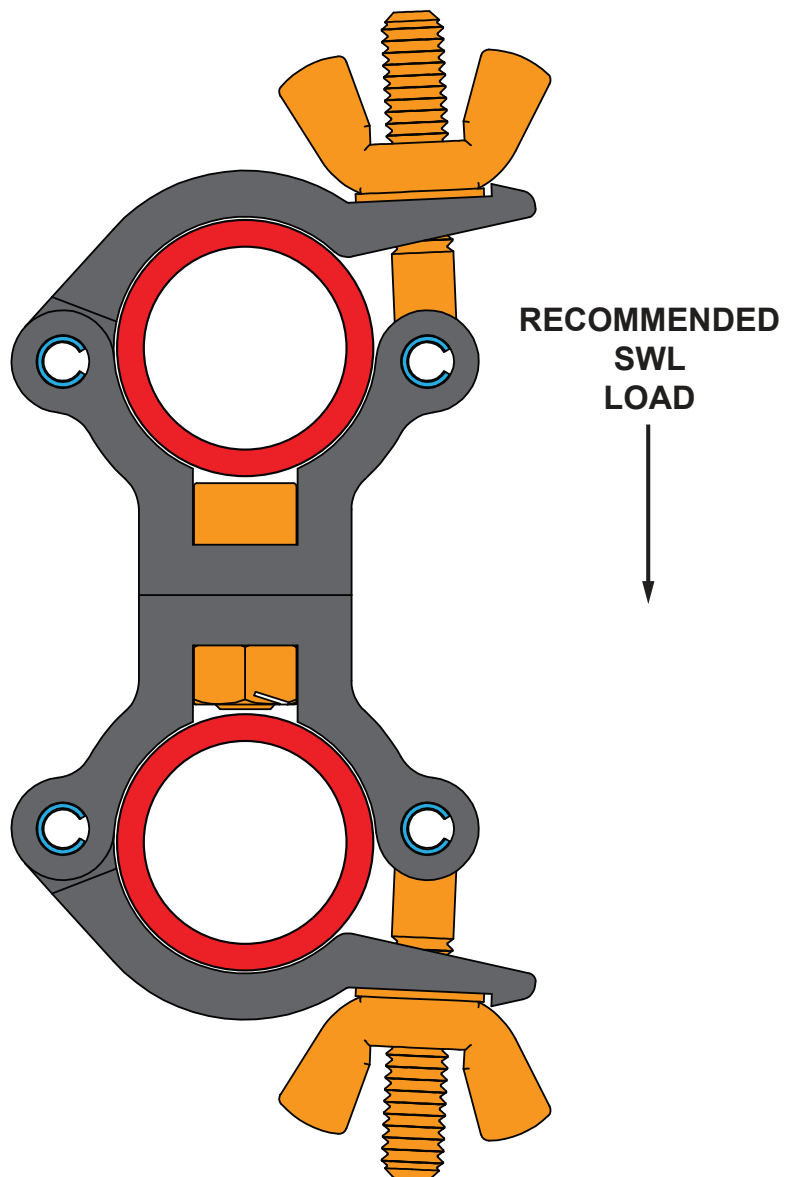






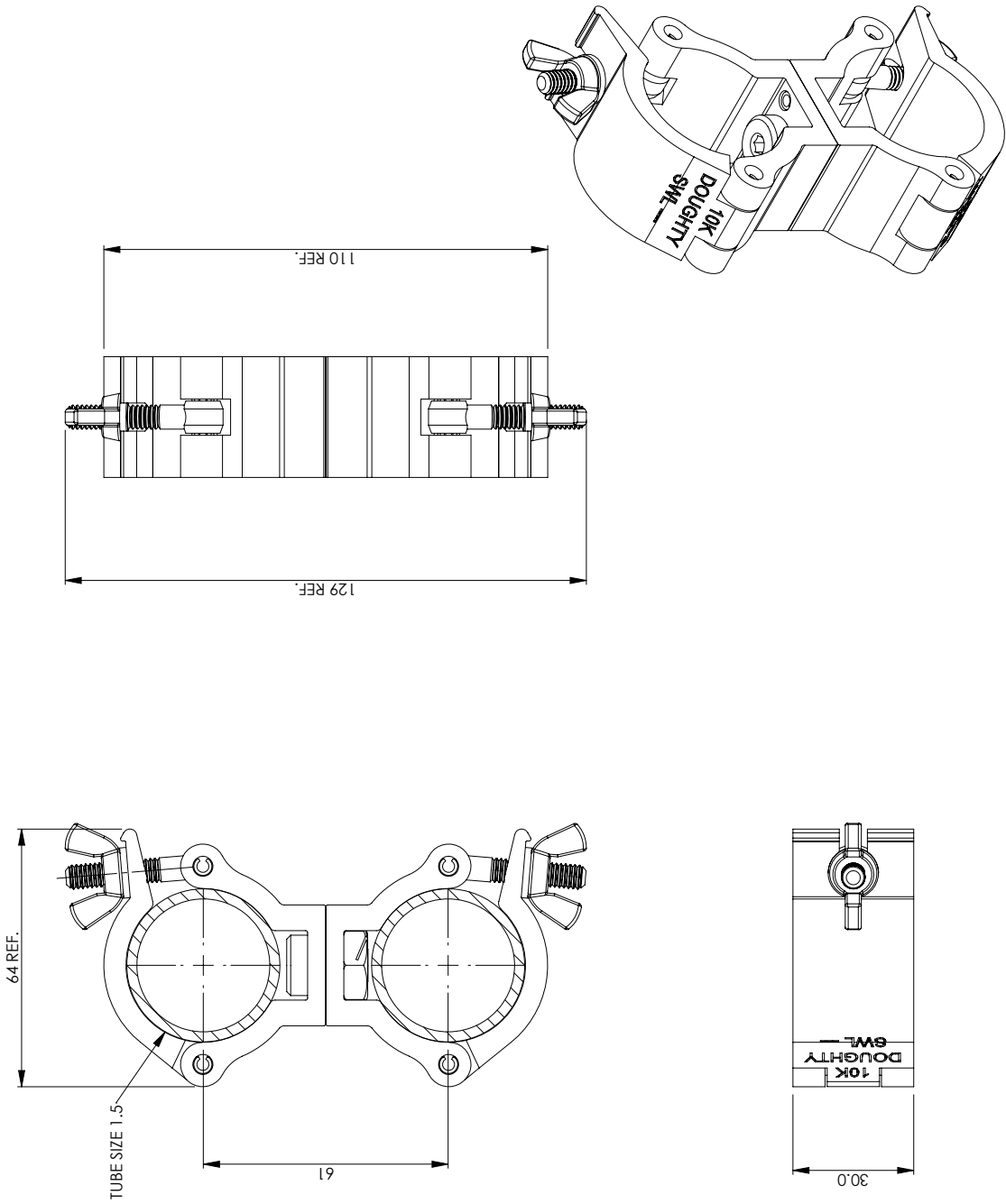
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (1½")
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' 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.
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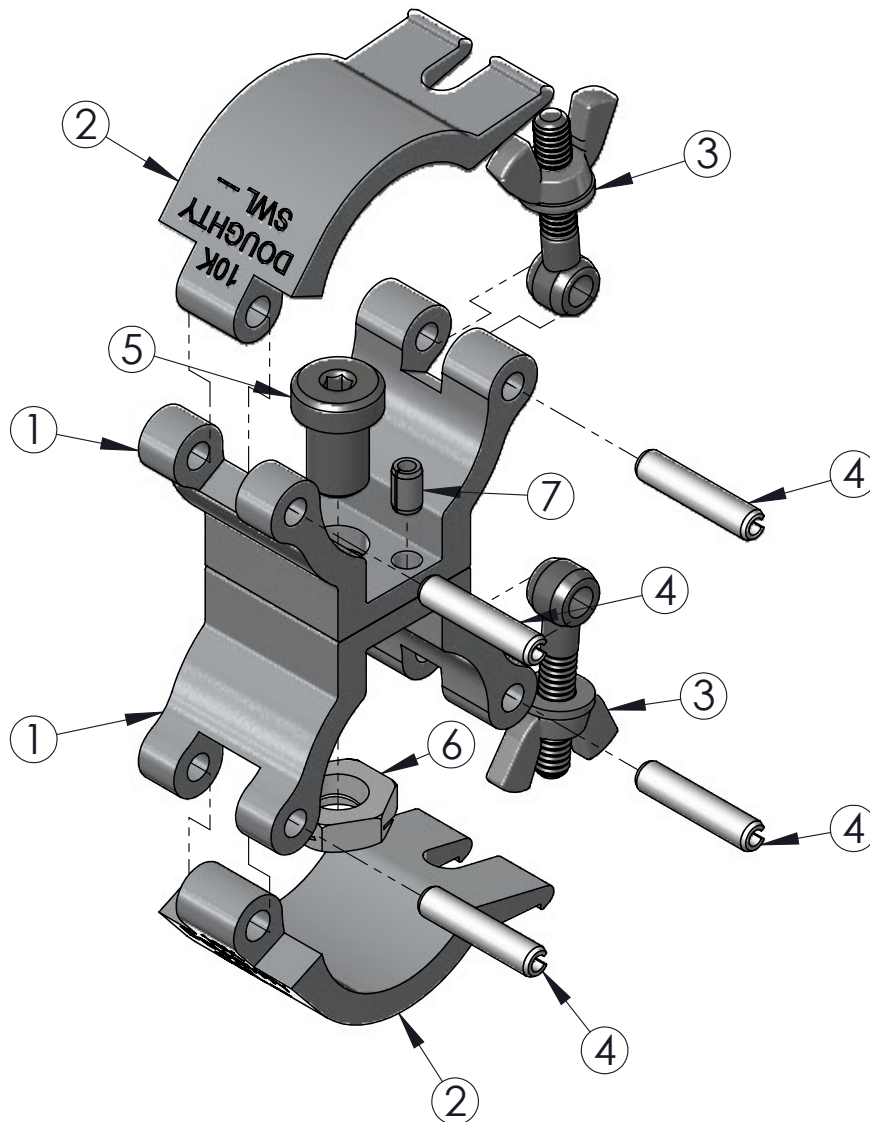


**TIGHTEN BY HAND ONLY**



 DOUGHTY ENGINEERING LTD	<h3>DATA SHEET</h3>	TITLE: 38MM ATOM PARALLEL COUPLER	PART NOS: T58980 - SILVER T5898001 - BLACK	MATERIAL : ALUMINIUM	WEIGHT: 	SWL: 220lb	FINISH: T58980 - POLISHED T5898001 - POWDER PAINTED BLACK	NOTES: PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE	<h2>STRICTLY FOR REFERENCE PURPOSES ONLY</h2>	 THIRD ANGLE PROJECTION
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SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS**

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH134	MACHINED 38MM ATOM CLAMP BASE	2
2	TH705	MACHINED 38MM ATOM CLAMP TOP	2
3	T78010	M6 X 39 EYEBOLT	2
4	F771	M5 x 25 Stainless Steel Roll Pin	4
5	S1915	M10 X 15 SKT CAP SCREW REDUCED HEAD	1
6	F888	M10 BINX NUT BZP REDUCED	1
7	F775	M5 x 8 ROLL PIN STAINLESS STEEL	1

**T58980 - 38MM ATOM PARALLEL  
COUPLER**



NOT TO SCALE

<b>DRAWN</b>	AW
<b>DATE</b>	01/04/2011
<b>Rev</b>	1



**Doughty Engineering Limited**

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**Description:** Ø38mm Atom Parallel Coupler

**Model/s:** Part No. T58980 / T5898001

**SWL:** 100Kg      **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

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