



Material Safety Data Sheet



Section 1 Company and Product Identification

L. Robinson & Company (Gillingham) Limited, Incorporating Jubilee® Clips Limited
Owens Way, Gads Hill, Gillingham, Kent, ME7 2RS, UK

Tel: +44 (0)1634 281200

Fax: +44 (0)1634 280101

[http:// www.jubileeclips.co.uk](http://www.jubileeclips.co.uk)

Jubilee® Superclamps 304 Stainless Steel (W4) Range, manufactured to DIN3017

Part No.	Adjustment mm	Band Width mm	Band Thickness mm	Recommended Torque Nm	Maximum Torque Nm	Screw Head mm
JSC019SS	17-19	18.0	0.6	4.5	6.0	8
JSC022SS	20-22	18.0	0.6	4.5	6.0	8
JSC025SS	23-25	18.0	0.6	4.5	6.0	8
JSC028SS	26-28	18.0	0.6	4.5	6.0	8
JSC031SS	29-31	18.0	0.6	4.5	6.0	8
JSC035SS	32-35	20.0	1.0	6.0	8.0	10
JSC039SS	36-39	20.0	1.0	6.0	8.0	10
JSC043SS	40-43	20.0	1.0	6.0	8.0	10
JSC047SS	44-47	20.0	1.0	6.0	8.0	10
JSC051SS	48-51	20.0	1.0	6.0	8.0	10
JSC055SS	52-55	20.0	1.0	6.0	8.0	10
JSC059SS	56-59	20.0	1.0	6.0	8.0	10
JSC063SS	60-63	20.0	1.0	6.0	8.0	10
JSC067SS	64-67	25.0	1.2	18.5	25.0	13
JSC073SS	68-73	25.0	1.2	18.5	25.0	13
JSC079SS	74-79	25.0	1.2	18.5	25.0	13
JSC085SS	80-85	25.0	1.2	18.5	25.0	13
JSC091SS	86-91	25.0	1.2	18.5	25.0	13
JSC097SS	92-97	25.0	1.2	18.5	25.0	13
JSC103SS	98-103	25.0	1.2	18.5	25.0	13
JSC112SS	104-112	25.0	1.2	18.5	25.0	13
JSC121SS	113-121	25.0	1.2	18.5	25.0	13
JSC130SS	122-130	25.0	1.2	18.5	25.0	13
JSC139SS	131-139	25.0	1.2	18.5	25.0	13
JSC148SS	140-148	25.0	1.2	18.5	25.0	13
JSC161SS	149-161	25.0	1.2	18.5	25.0	13
JSC174SS	162-174	25.0	1.2	18.5	25.0	13
JSC187SS	175-187	25.0	1.2	18.5	25.0	13
JSC200SS	188-200	25.0	1.2	18.5	25.0	13
JSC213SS	201-213	25.0	1.2	18.5	25.0	13
JSC226SS	214-226	25.0	1.2	18.5	25.0	13
JSC239SS	227-239	25.0	1.2	18.5	25.0	13
JSC255SS	240-255	25.0	1.2	18.5	25.0	13
JSC265SS	253-265	25.0	1.2	18.5	25.0	13

Section 2 Composition/Information on Ingredients

Composition/Information on constituents of iron alloy.

Manganese	< 11%
Chromium	< 30%
Nickel	< 38%
Mo	< 8 %

Other elements vary such as Si, Cu, Ti, in each alloy composition and are generally not classified as hazardous, or are below the concentration levels for classification of these alloys as hazardous, and are not subject to recognised exposure limits.

Section 3 First Aid Measures

Inhalation:	There are no specific symptoms associated with steel in the product forms.
Skin:	There are no specific symptoms associated with steel in the product forms.
Eyes:	Not applicable.
Ingestion:	Not applicable.

Section 4 Fire Fighting Measures

Non flammable

Section 5 Handling and Storage

Store in a dry area

Section 6 Physical and Chemical Properties

Colour:	Metallic grey/silver
Odour:	None
Form/state:	Solid
Melting point:	1454 °C
Max service temp:	870 °C
Min service temp:	-196 °C
Magnetism:	1.008 μ
Resistance:	72 μΩ
Density:	8.03 g/cm ³

Section 7 Stability and Reactivity

Stability:	Stable in normal condition
Reacts with:	Reacts with strong acids, and hydrogen is then one of the substances emitted.
Corrosion Resistance:	NSS 1000hours

Section 8 Toxicological Information

Nickel is classified as a skin sensitizer however numerous patch tests have established that most stainless steels do not cause sensitization, but a few types may result in allergic skin reactions in sensitized individuals after prolonged contact.

No carcinogenic effects resulting from exposure to stainless steels have been reported, either in epidemiological studies or in tests with animals.

Section 9 Ecological Information

No ecological effects are known for the product as a whole.

Section 10 Disposal Considerations

Disposal method: Recyclable, Jubilee® clips' 304 Stainless Steel Superclamp range are made from key raw material for the production of new stainless steel. Steel is the world's most recycled construction material and can be recycled with retained material properties.

Section 11 Transport Information

No special requirements are necessary in transporting these products.

Section 12 Regulatory Information

This product conforms to EU Regulation 1097/2006 (REACH)
This product is compliant with EU directive 2011/65/EU (ROHS2)
BS EN ISO 9001:2008 FM00547
BS EN ISO 14001:2004 EMS573195
BS OHSAS 18001:2007 OHS601983

Quality Assurance:



Section 13 Other Information

The information above is believed to be accurate and represents the best information currently available to L. Robinson & Co Ltd. However, L. Robinson & Co Ltd make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall L. Robinson & Co Ltd be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if L. Robinson & Co Ltd has been advised of the possibility of such damages.

Document Issue Date: 27th August 2024

Revision Number: 2