

WIRE ROPE BALUSTRADE

EDITION 2020



KT KEBLE'S
TRADING PTY LTD
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STAINLESS STEEL INFORMATION

1. It is an often held belief that stainless steel is “maintenance free”. This however is not necessarily correct. All grades of stainless steel are susceptible to some form of staining or discolouration and periodic cleaning is required.
2. Stainless steel, if not properly maintained will discolour via a process called tea staining.
3. The staining rate and the required maintenance of stainless steel is relative to its environment, surface finish, design, grade of material and exposure.
4. For example,
 - a. An outside balustrade installation along Melbourne’s Bayside or Coastal Areas would experience a faster rate of tea staining due to the environmental conditions and would therefore require more frequent maintenance than an indoor stairway balustrade installed in an inner Melbourne suburb of say - Blackburn.
 - b. Due to the relative smoothness of the surface finish, a stainless steel component with a satin finish will display signs of tea staining much sooner than a highly polished component of the same grade.
 - c. Designs that incorporate poor run off (rainwater / washing water / etc) provide areas for stagnant water to collect which may increase the likelihood of tea staining.
5. We therefore suggest that you enquire about appropriate products available for the cleaning and maintenance of stainless steel.

DISCLAIMER

1. The above information is only given as a guide or general information. If the information given is insufficient, or if you are not satisfied, or certain, we suggest you seek further advice from a professional metallurgist.
2. For safety, structural and strategic applications, independent engineering or specialist advice should be sought from the relevant authorities/experts. Based on this advice, our sales consultants can assist with the supply of rated fittings for these applications as recommended/nominated by your professional, qualified engineer. Under no circumstances is Keble’s Trading Pty Ltd or its staff authorized or qualified to make any recommendations whatsoever regarding design or selection of fittings for such applications.
3. Keble’s Trading makes no recommendations or claims for the performance and mechanical properties of Stainless Steel and accepts no responsibility or liability whatsoever for any unsatisfactory outcome, unsuitable application or installation of these products.
4. Keble’s Trading Pty Ltd makes no recommendations and takes no responsibility for the use of any fastening system or products used in the installation of any components. The responsibility of the design and choice of fastener for compliance to Aust Standard and relevant codes lies solely with the purchaser. Please consult appropriate authorities and or the advice of professional persons for information on correct design and installation techniques.
5. While every effort has been made to ensure that all information contained in this brochure is correct at the time of printing, Keble’s Trading Pty Ltd will not be held responsible for any errors, omissions or changes in dimensions at the time or after publication of this brochure. We therefore strongly advise that you check all item details with our sales staff at the time of ordering as changes may occur without prior notice.



WIRE ROPE OPTIONS



1x19 STAINLESS STEEL WIRE
Grade: G316
Size: 3.2mm
PN: 0415

- * Made up of 19 single wires
- * Stronger than other types of stainless steel cable
- * Less stretch
- * It has very little flexibility
- * Stretch or twist and is a very rigid



7x7 STAINLESS STEEL WIRE
Grade: G316
Size: 3.2mm
PN: 0416

- * 49 wire strand woven into single strand
- * Less strong but more flexible
- * Suitable for tensioning, trellis steel wire rope, security cables, marine, landscape, architectural use, stainless balustrade cable, cable railing and decorative applications

WIRE FITTINGS



S/S Bottlescrew Jaw & Tube
Grade: G316
Size: M5x3.2mm
PN: 0003

- * Traditional style fork to swage stud turnbuckle
- * Also called rigging screws, tensioners, bottle screws or adjusters
- * Needs to be hydraulically pressed onto your Rigging Steel Wire



Fork Terminal
Grade: G316
Size: 1/8 5mm Pin
PN: 1851

- * Swage fork machined from solid stainless steel bar, and supplied highly polished with a standard clevis pin
- * One of the most commonly used wire end fittings
- * Needs to be hydraulically pressed onto your Rigging Steel Wire



WIRE FITTINGS



S/S Bottlescrew Jaw & Swageless
Grade: G316
Size: M6x3.2mm
PN: 3757 03

- * This can be assembled by hand using spanner
- * Good alternative for swagging
- * Needs to be hydraulically pressed onto your Rigging Steel Wire



Swageless Fork Terminal
Grade: G316
Size: 1/8 6mm Pin
PN: 3758 03

- * Swage fork terminal does not require any additional tool
- * Used To Terminate Wire Rope
- * Suitable for 1/8" diameter 1x19 and 7x7 wire rope cable

WIRE FITTINGS



S/S Jaw and Jaw Bottlescrew
Size: M5
PN: 0156

- * Use for tensioning and length adjustment of wire rope
- * It can be crimped to wire rope
- * Suitable for 1/8" diameter 1x19 and 7x7 wire rope cable



S/S Lag Screw Double Threaded
Grade: G316
Size: M6x100mm
PN: 6741 06 100

- * Ideally used to connect heavy lumber or heavy materials that are bearing intense load
- * Suitable for M6 thread
- * Tighten using spanner



WIRE FITTINGS



**S/S Lag Screw Swage
Stud LHT**
Grade: G316
Size: 1/8x M6 LHT
PN: 0305

- * Lag Screw Swage are fit for 1/8 diameter cable railing
- * Swage to 1st end of the post
- * Typically paired with a Threaded Terminal or Lag & Stud Turnbuckle
- * Affixed to the cable using a hand crimper tool



**S/S Lag Screw Swage
Stud RHT**
Grade: G316
Size: 1/8x M6 RHT
PN: 1319

- * Lag Screw Swage are fit for 1/8 diameter cable railing
- * Swage to 2nd end of the post
- * Typically paired with a Threaded Terminal or Lag & Stud Turnbuckle
- * Affixed to the cable using a hand crimper tool

WIRE FITTINGS



S/S Thimble
Grade: G316
Size: 5mm
PN: 0058

- * Wire ropes terminating in a loop
- * They are used to help protect the steel wire-rope which forms the eye
- * Perfect for 7x19 steel wire rope



S/S Saddle
Grade: G316
Size: 5mm
PN: 0326

- * Also known as eye strap
- * Used with tensioner
- * Suitable for 1x19 and 7x19 steel wire rope



WIRE FITTINGS



S/S Turnbuckle Eye & Eyes
Grade: G316
Size: 5mm
PN: 0121

- * Suitable for tightening rope
- * Secure post when attached with saddle
- * Suitable for 1/8' diameter 7x7 wire rope cable



SS Turnbuckle Hook & Eye
Grade: G316
Size: 5mm
PN: 0132

- * Suitable for tightening rope
- * Easily provide tension to wire rope
- * Stainless steel wire hook on one end, eye on the other end
- * Suitable for 1/8' diameter 7x7 wire rope cable

WIRE FITTINGS



S/S Hex Tensioners
Grade: G316
Size: M6
PN: 1912

- * Used with swage terminals
- * Also known as hex adjuster
- * Easily tightened with Allen Key
- * Perfect for 7x19 steel wire rope



S/S Lag Screw Eye
Size: 6 x 60mm
PN: 3706

- * Use to support wire rope to timber post
- * Can be used with tensioner
- * Suitable for 1x19 and 7x7 wire rope cable



WIRE ROPE INFILLS



- 2 Saddle Anchors 5mm,
- 1 Jaw/Jaw Bottlescrew Tensioner M5
- 2 Swaged Thimbled Eyes 3mm



- * Use with screw or pop rivets
- * Suitable to 7x7 Wire rope



- 2 Saddle Anchors 5mm
- 1 Eye/Eye Turnbuckle Tensioner M5
- 2 Swaged Thimbled Eyes 3mm



- * Use with screw or pop rivets
- * Suitable to 7x7 Wire rope



- 2 Screw Eye Anchors
- 1 Jaw/Jaw Bottlescrew Tensioner M5
- 2 Swaged Thimbled Eyes 3mm



- * Suitable for timber post
- * Suitable to 7x7 Wire rope



WIRE ROPE INFILLS



1 Button Head Socket Screw
1 Internal Threaded Terminal M5
1 Dome terminal 1/8"



* Recommended for steel posts only
* Suitable to 1x19 Wire rope



1 Hex Tensioner M6
1 Swage Stud 1/8" x M6
1 Dome Terminal 1/8"



* Recommended for steel posts only
* Suitable to 1x19 Wire rope



1 Hex Nut
2 Swage Studs 1/8" x M5
1 Dome Nut



* Choice of Dome or Hex nut
* Suitable to 1x19 Wire rope



1 Swage Stud Lag Screw 1/8" LHT
1 Swage Stud Lag Screw 1/8" RHT



* Suitable for timber posts only
* Suitable to 1x19 Wire rope



WIRE ROPE INFILLS



- 2 Screw Eye Anchors
- 1 Mini Jaw/Tube Bottlescrew Tensioner
- 1 Mini Fork Terminal



- * Screw Eye suitable for timber post
- * Suitable to 1x19 Wire rope



- 2 Saddle Anchors 5mm
- 1 Jaw/Tube Bottlescrew Tensioner M5
- 1 Fork Terminal 5mm pin



- * Use with screws or pop rivets.
- * Suitable to 1x19 Wire rope



- 2 Nutserts 6mm
- 2 Micro Screw Eye Bolts 6mm
- 1 Jaw/Tube Bottlescrew Tensioner M5
- 1 Fork Terminal 5mm pin



- * Recommended for steel posts only
- * Suitable to 1x19 Wire rope



- 2 Screw Eye Anchors
- 1 Jaw/Tube Bottlescrew Tensioner M5,
- 1 Fork Terminal 5mm pin



- * Screw Eye suitable for timber post
- * Suitable to 1x19 Wire rope



WIRE ROPE POST



End Posts
Size: 50.8mm
PN: 2680_M
2680_S



MidPost
Size: 50.8mm
PN: 2895_



Corner Post
Size: 50.8mm
PN: 2894_

- * Used with swage terminals
- * Commonly use
- * Perfect for 7x19 steel wire rope

- * Use in joining the wire and thimble
- * Used To Terminate Wire Rope
- * Suitable for 1/8" diameter 1x19 and 7x7 wire rope cable

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POST BASE & COVER



Round Base and Cover
Size: 2"
PN: 6319
6319M

- * Used with swage terminals
- * Commonly use
- * Perfect for 7x19 steel wire rope



ACCESSORIES



Wire Rope Cutter
Size: 50.8mm
PN: 1143

- * Cutting steel wire rope 1/8", max up to 3/16"
- * Ergonomic single handed operation
- * Best suited for 1x19, 7x7 and 7x19 steel wire rope



Hand Swaging Tool
Size: 50.8mm
PN: 1136

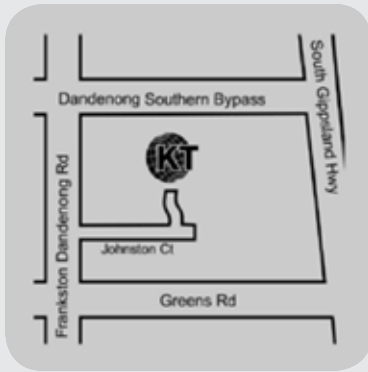
- * Excellent for manual compress or swage cable sleeve
- * Fully adjustable for accurate and complete compressions
- * Works with 4.0mm, 4.8mm, 5.0mm, 6.0mm, 6.4mm, 8.0mm wire rope



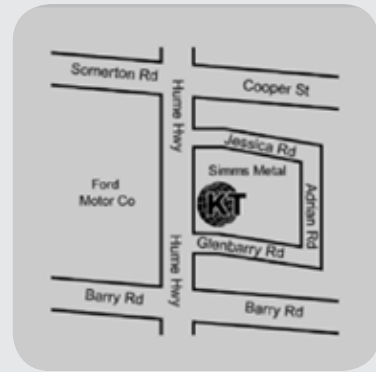
Hydraulic Swaging Tool
PN: 1794

- * Positive die locking mechanism holds dies firmly
- * Solid and durable
- * High pressure hose





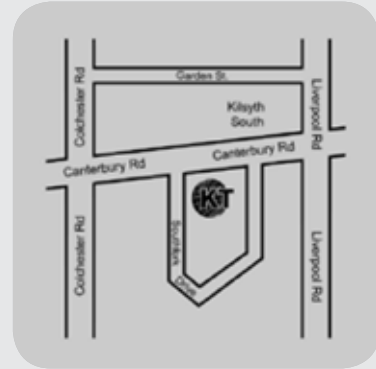

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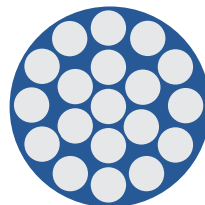
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BALUSTRADES



LIFTING



WIRE ROPE



RIGGING