

C.C.Components Pty Ltd

Properties of Mechanical Belt Fasteners

Light & Medium Weight Conveyor Belting

The following general information covers – Ready Set RS Staple, Anchor Tie-Bar Hooks, Tiger Transmission Lacing, Clipper Unibar Tie-Bar Hooks, G Series Lacing & Clipper 25 Tape Hooks & Hay Baler Hooks

In all cases you should ensure the minimum pulley diameter that is recommended for a particular belt fastener is taken into consideration when determining the choice of fastener.

Type of Fastener Metal	Magnetic	Abrasion Resistance	Chemical Resistance	Rust Resistance	Spark or Non Sparking	Available Sizes
Galvanized	Yes	Good	Poor	Good	Sparking	RS, 25, 1, 2-7
Coated Steel	Yes	Good	Poor	Poor	Sparking	A2-A3, U2-U3
Steel	Yes	Good	Poor	Poor	Sparking	U4-U7, Tiger
High Tensile Steel	Yes	Very Good	Fair	Good	Sparking	1, 2-7, 3 4 ½
Rec. High Tensile Steel	Yes	Very Good	Fair	Good	Sparking	41/2
430 Stainless	Yes	Good	Good	Good	Sparking	1, 2-7, UX-1 U2SP-U7
316 Stainless	Slightly	Good	Very Good	Excellent	Sparking	RS, 30, 36, 1, 2-7, UA2, UA3, UX-1 25, UCM36, G00 Range
Phosphate Bronze	No	Good	Poor	Good	Non-Sparking	2-4
Monel 400	Slightly	Fair	Excellent	Excellent	Sparking	1, 2-4
Monel 600	No	Fair	Excellent	Excellent	Sparking	2-4
Black Oxide	Yes	Good	Poor	Fair	Sparking	25
Inconel 600	No	Fair	Excellent	Excellent	Sparking	2-4
Hastelloy C-22	No	Good	Excellent	Excellent	Sparking	36, UCM, 3-4

C.C.Components Pty Ltd 20 Colorado Court Hallam Victoria 3803 Australia
 Phone 61 3 97024444 Fax 61 3 97024114
 Email sales@ccccomponents.com.au

C.C.Components Pty Ltd
Recommended Mechanical Belt Fasteners
Light & Medium Weight Conveyor Belting

Fastener Type & Size	Belt Gauge Range MM	Min. Pulley Diam. MM	Fastener Type & Size	Belt Gauge Range MM	Min. Pulley Diam. MM
Ready Set 62	1.5 – 3.2	50	UCM36XSP	1.2 – 1.6	51
RS125	3.2 – 4.8	75	UCM36SP	1.6 – 2.4	51
RS187	4.8 – 6.4	102	UCM36	2.4 – 3.2	51
A40SP	2 – 3	50	UX-1	3.2 – 4	51
A40	3 – 4	50	UX-1SP	1.6 – 3.2	51
A40LLSP	2 - 3	75	UX-1	3.2 – 4	51
A40LL	3 - 4	75	U2	3.2 – 4.8	51
A2	3 – 4	50	U3-1	3.2 – 4	89
A3	4 – 5	75	U3-2	4 – 4.8	89
A4	5 – 6.5	100	U3	4.8 – 5.6	89
G001A	Up to 1.5	25	U4	5.6 – 6.4	127
G001	1.5 -2	25	U5	7.1 – 7.9	127
G002	2 – 2.5	35	25	1.2 – 1.6	24
G003	2.5 – 3.5	50	25LL	1.2 – 1.6	51
36	2.4 – 3.2	51	1XSP	1.6 – 2.4	51
1LLSP	2.4 – 3.2	76	1SP	2.4 – 3.2	51
2	4 – 4.8	76	25LP	1.6 – 3.2	24
1	3.2 – 4	51	3	4.8 – 5.6	89
4	5.6 – 6.4	102	4 ½	6.4 – 7.1	102

Explanation of Number References

XSP - Extra Short Point, SP - Short Point, LP – Long Point, LL – Long Point,
 XLP – Extra Long Point, SL – Short Leg,

Supply of Connecting Pins with Fasteners

Fastener Type	Supplied with Connecting Pins
Ready Set RS Staple	Yes
Anchor Tie-Bar Hooks	No
G Series Lacing	Yes
Clipper Unibar Tie-Bar Hooks	No
Tiger Transmission Lacing	Yes
Hay Baler Hooks	No
Clipper 25 Tape Hooks	Yes

C.C.Components Pty Ltd 20 Colorado Court Hallam Victoria 3803 Australia
 Phone 61 3 97024444 Fax 61 3 97024114
 Email sales@ccccomponents.com.au

