

PATENTED

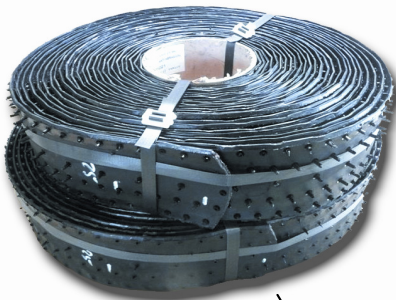
Belt-coupling flexible Rubber

For rough conditions of use !
3 in 1 : splicing, repairing, patching.

Delivery : in roll or precut to length

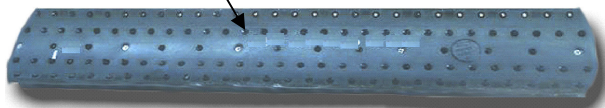
In roll

The quantity of screws and of assembly spacers (+ PZ screwing tips) needs to be quantified.

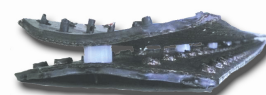


Precut to length

The assembly spacers are pre installed: the TOP part coincides with the BOTTOM part.
 Super-Screw is delivered with the screws and the PZ screwing tip.



Belt-Coupling 630 ANO 650 assembled



**Cross section showing spacer :
 1 spacer every 4**



**Bag with screws
 + PZ screwing tip**

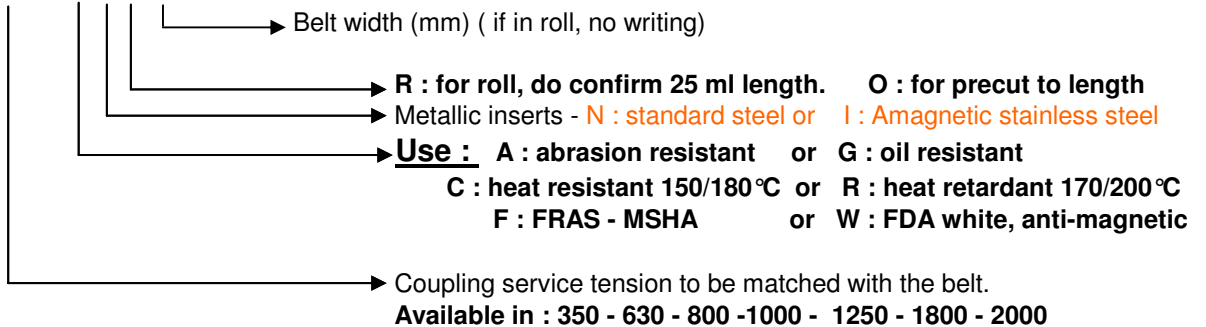
Identification :

The belt specifications determine the type of Super-Screw :

- Belt service tension.
- Belt thickness after skiving.
- Belt width (if lacing ideally biased at 1/3 of belt width : add 10 % to belt width).
- Conditions of use : abrasion resistant, heat resistant 150/180°C, heat retardant 170/200°C, oil resistant, FRAS - MSHA, FDA white, antimagnetic)

Order coding, exemple :

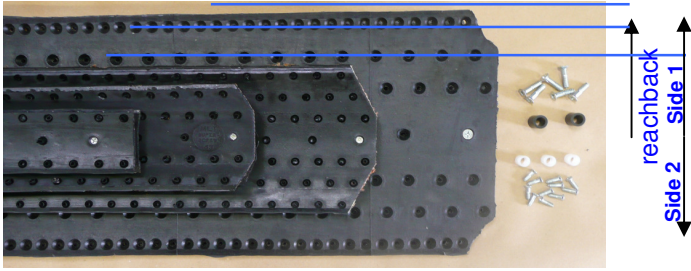
Belt-Coupling 630 - A N O 800



Characteristics :

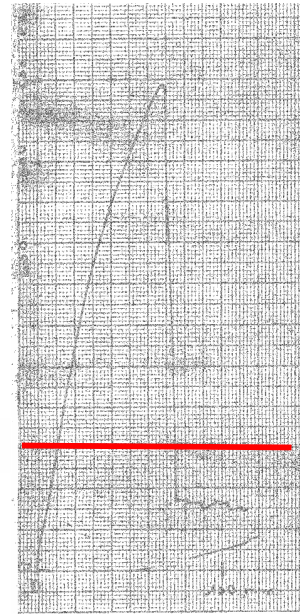
Dimensional.

	Coupling Width	Skiving depth (mm) side 1 - side 2	Parts thickness		Rolls weight (kg)	Rolls Length (meters)	Qty of screws by linear meter	Qty of screws per complete roll
			Top / Bottom	Top + Bottom				
BC 350	62 mm	24 - 38	4 / 3,8	11 + 13	25	110	2 750	
BC 630	110 mm	50 - 60	5 / 4,2	20 + 23	25	200	5 000	
BC 800	156 mm	72 - 84	6 / 5,5	39 + 47	25	280	7 000	
BC 1000	156 mm	72 - 84	8 / 5,5	43 + 47	25	280	7 000	
BC 1250	266 mm	126 - 141	6,7 / 6	38 + 41	15	254	3 810	
BC 1800	266 mm	126 - 141	6,7 / 6	38 + 41	15	254	3 810	
BC 2000	266 mm	126 - 141	8,5 / 6	44 + 41	15	254	3 810	



Technical.

	Service tension	Belt type	Minimum pulley diam.
BC 350	35 N/mm	< 315 N/mm	160 mm
BC 630	63 N/mm	< 630 N/ mm	200 mm
BC 800	80 N/mm	< 800 N/ mm	250 mm
BC 1000	100 N/mm	< 1000 N/ mm	300 mm
BC 1250	125 N/mm	< 1250 N/ mm	300 mm
BC 1800	180 N/mm	< 1800 N/ mm	400 mm
BC 2000	200 N/mm	< 2000 N/mm	500 mm



High elongation before breaking = durability

Selection of screws and of spacers:

before breaking

Belt thickness	Assembly spacers	BC 35 & BC 63	BC 80	SS 100
4 to 5 mm 5/32" - 3/16"	without	Vis PZ2 Ø 5 x 10 mm	Vis PZ2 Ø 5 x 12 mm	Vis PZ2 Ø 5 x 14 mm
5 to 7 mm 3/16" - 9/32"	5 x 6 mm	Vis PZ2 Ø 5 x 12 mm	Vis PZ2 Ø 5 x 14 mm	Vis PZ2 Ø 5 x 16 mm
7 to 9 mm 9/32" - 11/32"	5 x 8 mm	Vis PZ2 Ø 5 x 14 mm	Vis PZ2 Ø 5 x 16 mm	Vis PZ2 Ø 5 x 18 mm
9 to 11 mm 11/32" - 7/16"	5 x 10 mm	Vis PZ2 Ø 5 x 16 mm	Vis PZ2 Ø 5 x 18 mm	Vis PZ2 Ø 5 x 20 mm
11 to 13 mm 7/16" - 1/2"	5 x 12 mm	Vis PZ2 Ø 5 x 18 mm	Vis PZ2 Ø 5 x 20 mm	Vis PZ2 Ø 5 x 22 mm
13 to 15 mm 1/2" - 19/32"	5 x 14 mm	Vis PZ2 Ø 5 x 20 mm	Vis PZ2 Ø 5 x 22 mm	Vis PZ2 Ø 5 x 24 mm

Also possible for any thickness Screw Ø 5 x 30 mm (with PZ2) : cut the protruding tip

Per meter	BC 35	BC 63	BC 80 & BC 100
Qty of screws if precut to length	102 + 4%	188 + 4 %	272 + 4%
Qty of screws if in roll	110 + 4%	200 + 4 %	280 + 4%

Belt thickness	Assembly spacer	BC 125 & BC 180	BC 200
6 to 8 mm 15/64" - 5/16"	6 x 7.5 mm	Screw PZ3 Ø 6,3 x 19,5 mm	Screw PZ3 Ø 6,3 x 21 mm
8 to 9,9 mm 5/16" - 25/64"	6 x 10 mm	Screw PZ3 Ø 6,3 x 21 mm	Screw PZ3 Ø 6,3 x 22,5 mm
10 to 11,4 mm 25/64" - 29/64"	6 x 12.5 mm	Screw PZ3 Ø 6,3 x 22,5 mm	Screw PZ3 Ø 6,3 x 24 mm
11,5 to 12,9 mm 29/64" - 33/64"	6 x 12.5 mm	Screw PZ3 Ø 6,3 x 24 mm	Screw PZ3 Ø 6,3 x 25,5 mm
13 to 14,4 mm 33/64" - 37/64"	6 x 15 mm	Screw PZ3 Ø 6,3 x 25,5 mm	Screw PZ3 Ø 6,3 x 27 mm
14,5 to 15,9 mm 37/64" - 41/64"	6 x 15 mm	Screw PZ3 Ø 6,3 x 27 mm	Screw PZ3 Ø 6,3 x 28,5 mm
16 to 17,4 mm 41/64" - 45/64"	6 x 17.5 mm	Screw PZ3 Ø 6,3 x 28,5 mm	Screw PZ3 Ø 6,3 x 30 mm
17,5 to 18,9 mm 45/64" - 3/4"	6 x 20 mm	Screw PZ3 Ø 6,3 x 30 mm	Screw PZ3 Ø 6,3 x 31,5 mm
19 to 20,5 mm 3/4" - 13/16"	6 x 20 mm	Screw PZ3 Ø 6,3 x 31,5 mm	skive



Qty of screws if precut to length	242 + 4%
Qty of screws if in roll	254 + 4%

If belt with specific (monoply, steelcord, hard cover...) technical characteristics, use longer screws.