



TECHNICAL DATA

SUPER-SCREW EVOLUTION®

EW ^a	Bande EP ou PP ^b		Entretoise	Dimensions des vis	
mm	N/mm	PIW		mm	N/mm
250	250/2	253/3	200	4,5	2,5
315	315/2	315/3			
400	400/2	400/3	360	4,5	2,5
500	500/3	500/4			
	630/2	630/3	360	4,5	3,5
	630/4	630/5			
	500/3	500/4			

Taille unique
Entretoise
SUPER-SCREW®
EVOLUTION



40	315/2	315/3
	400/2	400/3

SELECTION CHART



To determine the correct **SUPER-SCREW® Evolution**, screws and skiving blades, select the characteristics of your belt within the chart below.

For belts ranging from **EP250** to **EP630** (from **200 PIW** to **360 PIW**), refer to the **SUPER-SCREW® Evolution** range below. For EP or PP belts above **630 N/mm (360 PIW)**, please refer to the **SUPER-SCREW®** range.

Belt thickness before skiving		mm		3 + 1	4 + 1.5	5 + 1.5	4 + 2	5 + 3	6 + 2	6 + 3	8 + 3
		inch		1/8" + 1/32"	5/32" + 1/16"	3/16" + 1/16"	5/32" + 1/16"	3/16" + 1/8"	1/4" + 1/16"	1/4" + 1/8"	5/16" + 1/8"
Skiving blades (mm)				3.5	4.5	4.5	4.5 2.5	4.5 3.5	6.5 2.5	6.5 3.5	8.5 3.5
SUPER-SCREW® Evolution	EP or PP belt* operating tension up to		Spacer	Screw dimensions (Ø x Length (mm))							
	N/mm	PIW									
35	250/2	250/3	200	5x10 - 5x12							
	315/2	315/3									
40	400/2	400/3	230	5x12 - 5x14							
63	500/3	500/4	360								
	630/2	630/3									
	630/4	630/5									
65	500/3	500/4	360	5x14 - 5x16							
	630/2	630/3									
	630/4	630/5									

Template can be used with EP or PP (PN or NN) multiply belt

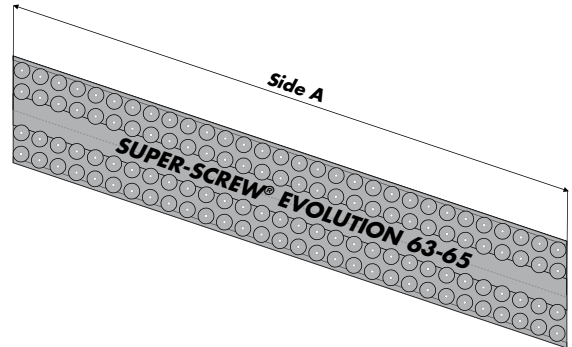
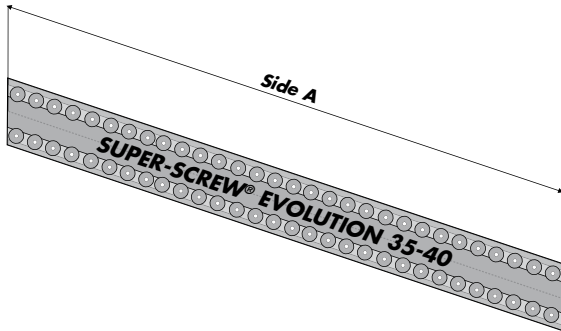
3 STEPS to choose your SUPER-SCREW® Evolution

- 1. Choose your SUPER-SCREW® from the Evolution range**
 Depending on your belt construction (EP or PP belt column) determine which SUPER-SCREW® Evolution to use.
- 2. Select your screw size**
 Once your SUPER-SCREW® EVOLUTION has been selected, identify the required screw size depending on your belt thickness.
- 3. Select your skiving blades**
 Depending on your belt thickness before skiving, easily determine which blades to use to skive.

*For EP or PP belts above 630 N/mm (360 PIW), please refer to the SUPER-SCREW® documentation.



SUPER-SCREW® Evolution required length for your belt



Metric values	SIDE A (mm)	Number of screws	Number of spacers	SIDE A (mm)	Number of screws	Number of spacers
Belt width (mm)	SUPER-SCREW® Evolution 35 - 40			SUPER-SCREW® Evolution 63 - 65		
500	517	46	2	517	92	2
600	630	56	3	630	112	3
650	675	60	3	675	120	3
800	832	74	3	832	148	3
900	945	84	4	945	168	4
1000	1035	92	4	1035	184	4
1200	1260	112	4	1260	224	4
1300	1350	120	5	1350	240	5
1400	1462	130	5	1462	260	5
1500	1575	140	5	1575	280	5
1600	1665	148	6	1665	296	6
1800	1890	168	6	1890	336	6
2000	2092	186	7	2092	372	7

Imperial values	SIDE A (inch)	Number of screws	Number of spacers	SIDE A (inch)	Number of screws	Number of spacers
Belt width (inch)	SUPER-SCREW® Evolution 35 - 40			SUPER-SCREW® Evolution 63 - 65		
18	18 3/4	46	2	18 3/4	92	2
24	24 3/4	56	3	24 3/4	112	3
30	31 3/4	60	3	31 3/4	120	3
36	38	74	3	38	148	3
42	44 1/4	92	4	44 1/4	184	4
48	50 1/2	120	5	50 1/2	240	5
54	56 3/4	140	5	56 3/4	280	5
60	62 3/4	168	6	62 3/4	336	6
72	75	186	7	75	372	7

PACKAGING

In kit or roll, depending on your needs

READY-TO-USE KIT (CUT LENGTHS)

depending on your belt type and width (available in some grades and models of SUPER-SCREW® Evolution).



The ready-to-use kit contains :

- **SUPER-SCREW® Evolution**, cut to length, pre-assembled by MLT (complete with spacers),
- screws,
- PZ bit,
- installation kit :
 - **SUPER-SCREW® Evolution** installation method,
 - installation templates,
 - installation tool.

BULK ROLLS

(available in some grades and models of SUPER-SCREW® Evolution).



The roll includes :

- rolls of **SUPER-SCREW® Evolution** (upper part + lower part) to assemble yourself (screws to be ordered separately),
- spacers,
- PZ bits,
- installation kit :
 - **SUPER-SCREW® Evolution** installation method,
 - installation template,
 - installation tool.

SUPER-SCREW® Evolution 35 to 65 are available in rolls of 3, 5, 10 and 25 meters with stainless steel or steel inserts depending on the range.

Technical data

Metric	SUPER-SCREW® Evolution			
	35	40	63	65
Maximum belt tension, N/mm	315	400	630	630
Min pulley Ø, mm	160	180	200	230
Thickness top cover, mm	3.5	3.5	4	6
Thickness bottom cover, mm	3	3	3	3

Imperial	SUPER-SCREW® Evolution			
	35	40	63	65
Maximum belt tension, PIW	200	230	360	360
Min pulley Ø, inch	6	7	8	9
Thickness top cover, inch	9/64	9/64	5/32	1/4
Thickness bottom cover, inch	1/8	1/8	1/8	1/8

Quantity required

	SUPER-SCREW® Evolution 35 - 40					SUPER-SCREW® Evolution 63 - 65				
	1 m	3 m roll	5 m roll	10 m roll	25 m roll	1 m	3 m roll	5 m roll	10 m roll	25 m roll
Screws	92	276	460	920	2300	184	552	920	1840	4600
Spacers	4	12	20	40	100	4	12	20	40	100
PZ2 bits	1	1	1	2	2	1	1	1	2	2

Distributor logo

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