



TECHNICAL DATA

SUPER-SCREW®

the Original
since 1994



MLT GROUP
Conveyor Solutions Expert

SELECTION CHART SUPER-SCREW®

the
Original
since
1994

Refer to the chart to determine the **SUPER-SCREW®** that is right for you. The chart indicates the corresponding screws and skiver blades that meet your unique needs.

For belts ranging from **EP800** to **EP >2000** (from **361 PIW** to **>1430 PIW**), please refer to the **SUPER-SCREW®** range below. For belts with EP or PP less than **EP800** (or **361 PIW**), please refer to the **SUPER-SCREW® Evolution** range.

Belt thickness before skiving				mm		5 + 3		6 + 2		6 + 3		8 + 3		10 + 3	
				inch		3/16'' + 1/8''		1/4'' + 3/32''		1/4'' + 1/8''		5/16'' + 1/8''		3/8'' + 1/8''	
Skiving blades (mm)						4.5	3.5	6.5	2.5	6.5	3.5	8.5	3.5	10.5	3.5
SUPER-SCREW®	EP or PP belt* operating tension up to			Spacer	Screw dimensions (Ø x Length (mm))										
	N/mm		PIW												
80	800/2	800/3	450	508	5x14 - 5x16										
	800/4	800/5													
85	800/2	800/3	450	508	5x16 - 5x18										
	800/4	800/5													
100	1000/3	1000/4	570	510	5x18 - 5x20										
	1000/5	1000/6													
105	1000/3	1000/4	570	510	5x20 - 5x22										
	1000/5	1000/6													
125	1250/3	1250/4	710	612	6.3x19.5 - 6.3x21										
	1250/5	1250/6													
127	1250/3	1250/4	710	612	6.3x21 - 6.3x22.5										
	1250/5	1250/6													
180	1400/3	1400/4	1030	612	6.3x21 - 6.3x22.5										
	1500/5	1600/4													
	1600/5	1800/4													
	1800/5	1800/6													
185	1400/3	1400/4	1030	612	6.3x21 - 6.3x22.5										
	1500/5	1600/4													
	1600/5	1800/4													
	1800/5	1800/6													
200	2000/4	2000/5	1140	614	6.3x22.5 - 6.3x24										
205	2000/4	2000/5	1140		6.3x24 - 6.3x25.5										
250	> 2000		1430	616	6.3x27 - 6.3x28.5										

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

3 STEPS TO CHOOSE YOUR SUPER-SCREW®

- 1. Choose your SUPER-SCREW®**
Determine which SUPER-SCREW® to use according to your belt's technical specifications.
- 2. Define spacer and screws**
Once your SUPER-SCREW® is determined, identify which spacer and screws are necessary for installation according to the belt thickness.
- 3. Define blades for skiver to use**
Depending on the belt thickness before skiving, determine which blade you will use to skive.

*For EP or PP lower than 800 N/mm (or 361 PIW), please refer to the SUPER-SCREW® Evolution documentation

Technical data

Metric values	80	85	100	105	125	127	180	185	200	205	250
Final Belt Thickness*, mm	4-15	5-15	6-15	6 -15	7-20.5	7-19	7-20.5	7-19	7-19	7-17.5	7-17
Maximum operating tension of the belt, N/mm	80	80	100	100	125	125	180	180	200	200	250
Maximum belt tension, N/mm	800	800	1000	1000	1250	1250	1800	1800	2000	2000	2500
Min pulley Ø, mm	250/350	280/400	300/400	330/400	350/400	350/500	400/800	500/800	500/1000	650/1000	800/1200
Top Cover Thickness, mm (± 1 mm)	6	7,5	7,5	9	6,5	8,5	6,5	8,5	8,5	10	10,5
Bottom Cover Thickness, mm (± 1 mm)	4,5				6						8
Width of SUPER-SCREW®, mm	156				266						
Width to be skived on trailing edge, mm	72				126						
Width to be skived on leading edge, mm	84				140						
Screw Diameter, mm	5				6,3						

Imperial values	80	85	100	105	125	127	180	185	200	205	250
Final Belt Thickness*, inch	5/32-19/32	3/16-19/32	1/4-19/32	1/4-19/32	9/32-13/16	9/32-3/4	9/32-13/16	9/32-3/4	9/32-3/4	9/32-11/16	9/32-11/16
Maximum operating tension of the belt, PIW	45	45	57	57	71	71	102	102	114	114	142
Maximum belt tension, PIW	450	450	570	570	710	710	1030	1030	1140	1140	1430
Min pulley Ø, inch	10-13¾	11-15¾	11¾-15¾	11¾-15¾	11¾-15¾	15¾-19¾	15¾-31½	19¾-31½	19¾-39½	25½-39½	31½-47¾
Top Cover Thickness, inch (± 1 inch)	1/4	5/16	5/16	11/32	1/4	11/32	1/4	11/32	11/32	12/32	11/32
Bottom Cover Thickness, inch (± 1 inch)	3/16				1/4						5/16
Width of SUPER-SCREW®, inch	6				10.43						
Width to be skived on trailing edge, inch	2.84				4.98						
Width to be skived on leading edge, inch	3.16				5.45						
Screw Diameter, mm	5				6.3						

*Thickness of the belt after skiving

These values are given as an indication

Plan the quantity for a meter of SUPER-SCREW®

	SUPER-SCREW® 80 - 105	SUPER-SCREW® 125 - 250
Screws	280	254
Spacers	10	10
PZ Bit	1 PZ2	1 PZ3

PACKAGING

In kit or roll, depending on your needs

To facilitate your choice, SUPER-SCREW® is available in some kits, special packaging options that are adapted to your needs and to your installations.

READY-TO-USE KIT (CUT LENGTHS)

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



The ready-to-use kit contains :

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

BULK ROLLS

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



The roll includes :

- rolls of **SUPER-SCREW®** (top + bottom covers) to assemble yourself (screws, spacers and PZ to be ordered separately),
 - les **SUPER-SCREW®** 80 to 105 :
roll of 3, 5, 10 and 25 meters with steel or stainless inserts,
 - les **SUPER-SCREW®** 125 to 250 :
roll of 5, 7.5 and 15 meters with steel inserts or roll of 3, 5, 7.5 and 15 meters with stainless inserts,
- installation kit :
 - Selection chart of **SUPER-SCREW®**,
 - installation template,
 - installation tool.

Packaging of screws, spacers and PZ bits

Screws	SUPER-SCREW® 80 to 105 A bucket of 2500 screws or bag of 100 screws	SUPER-SCREW® 125 to 250 A bucket of 2000 screws or bag of 100 screws
Spacers	SUPER-SCREW® 80 to 250 A bag of 250 spacers or a bag of 25 spacers	
PZ Bit	SUPER-SCREW® 80 to 250 A box of 25 PZ bits or per unit	



For any support in the installation of our products or in the resolution of problems on your conveyor belt, benefit from our **HOTLINE service** in real time.

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Distributor logo

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