

M	10	S	15	25	Q	6
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M = Modular belts  
 Belt pitch  
 S = sprocket one-piece  
 Number of teeth  
 Shaft size  
 Shaft type: Q = square shaft; R = round shaft  
 Material: 6 = POM; 8 = PA

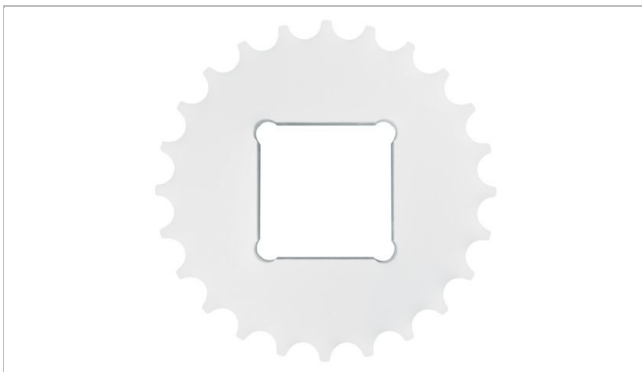
### Sprocket availability

Type	Number of teeth	Diam. of pitch $\varnothing d_p$		$A_1$		Hub width $B_L$		Square bore Q		Ø Round bore R		Standard material
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
S-C1	10	41.1	1.6	17.5	0.69	25	1.00			20	0.75	POM
S-C1	15	61.1	2.4	27.7	1.09	25	1.00	25	1	30	1.25	POM
S-C1	24	97.3	3.8	46.1	1.81	25	1.00	40	1.5	30	1.25	POM

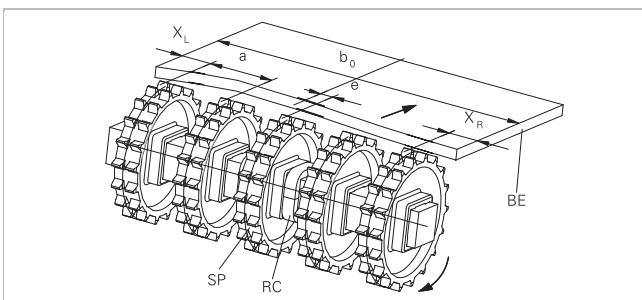
S: molded sprockets; S-C1: machined sprockets. Other sprocket and hub sizes on request.

**Key ways** for round bore shape follow European standards for metric sizes and US standards for imperial sizes. For detailed dimensions see table in the Engineering Guide chapter Design Guide.

**Other materials** are available on request.

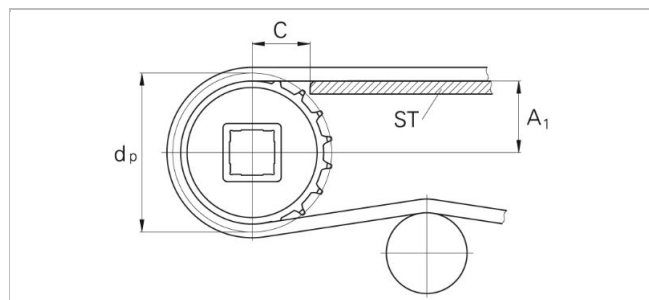


### Sprocket arrangement



- BE** Belt
- RC** Retainer
- SP** Sprocket
- b<sub>0</sub>** belt width
- Wearstrips**

Between driving shaft and idling sprockets or rollers the belt is carried by a slider support furnished with longitudinal wear strips (SL) from UHMW Polyethylene or other suitable material.

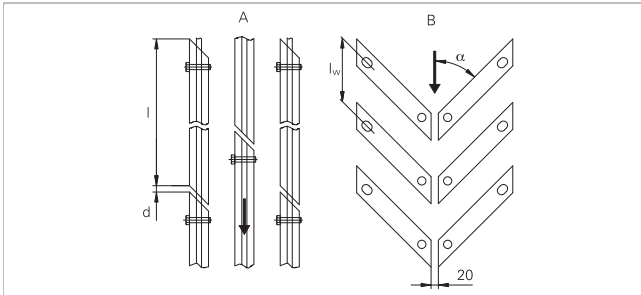


The distance **C** between the sprocket axis and the slider support **ST** is minimal 28 mm (1.1").

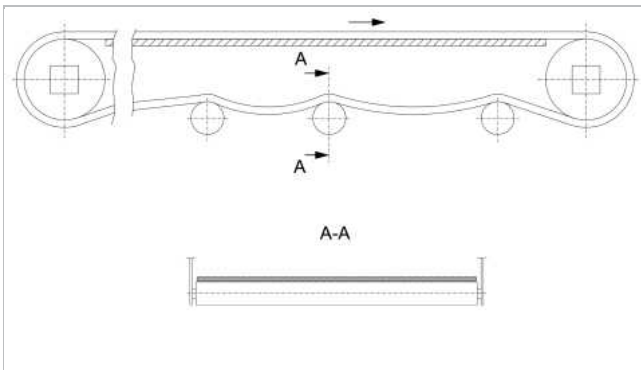
### Sprocket positioning

For correct positioning of the center sprocket divide the belt width by the link increment. The rounded result will be an even or an odd number. These numbers are the criteria for offset or no offset, see table.

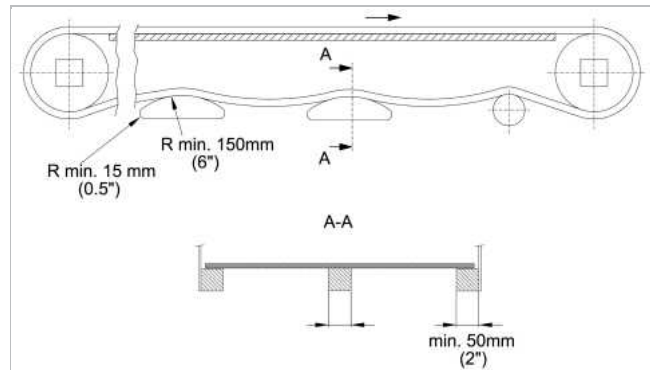
Belt type	Sprocket spacing a		Sprocket edge distance		Criteria for center sprocket position	Result of formula (rounded)	Offset e	Remarks
	minimal mm inch	maximal mm inch	X <sub>L</sub> mm inch	X <sub>R</sub> mm inch				
M1065	76.2 3	101.6 6	25 1	25 1	b <sub>0</sub> / 50.8 b <sub>0</sub> / 2	even number (2, 4 ...)	0	right or left side
						odd number (3, 5 ...)	0	right or left side



### Support arrangement



For belt support rollers over entire belt width are preferred



Static shoes need to support the belt edge min. 40 mm (1.5")

### Disclaimer

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