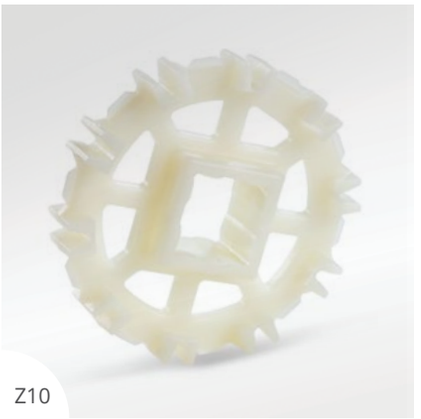
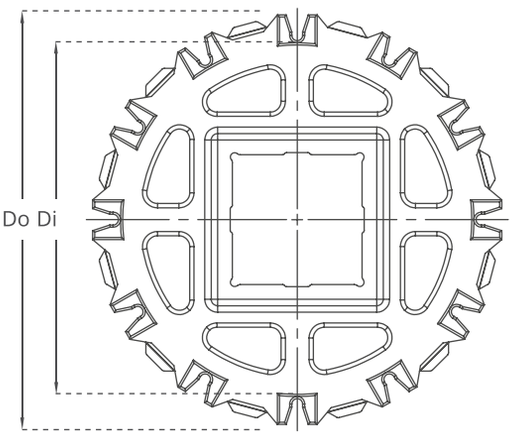
EC508 Series *Sprockets and Technical Specifications*

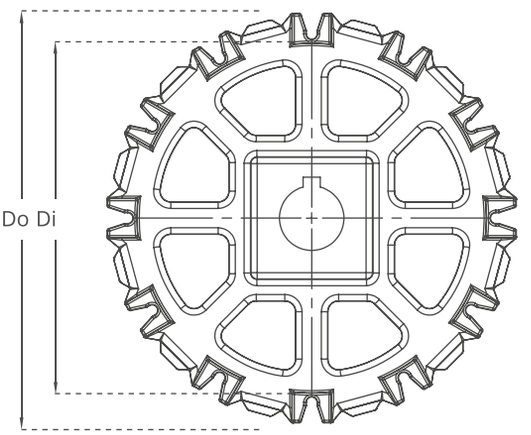


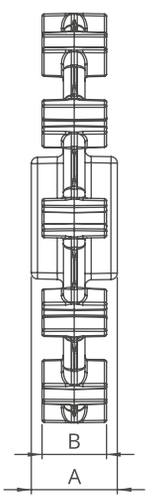
Z10

Z10

Z12







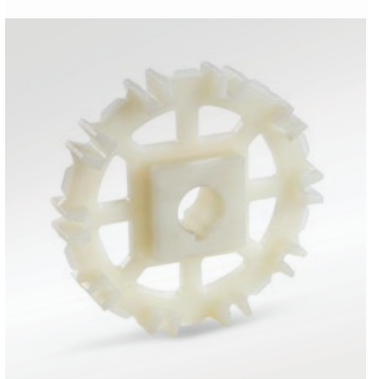
EC508 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/**inch**	Do mm/**inch**	B mm/**inch**	A mm/**inch**	Square Bore(Q) mm/**inch**	Round Bore(R) mm/**inch**	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z6	73,0 / **2.87**	90,0 / **3.54**	30 / **1.18**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	EC508SQZ6*PA	EC508SRZ6*PA
Z8	107,5 / **4.23**	124,5 / **4.90**	30 / **1.18**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	EC508SQZ8*PA	EC508SRZ8*PA
Z10	141,5 / **5.57**	158,0 / **6.22**	30 / **1.18**	40 / **1.57**	40-60 / **1.5-2.5**	25-30 / **1-1.25**	EC508SQZ10*PA	EC508SRZ10*PA
Z12	175,2 / **6.90**	191,2 / **7.53**	30 / **1.18**	40 / **1.57**	40-60 / **1.5-2.5**	25-30 / **1-1.25**	EC508SQZ12*PA	EC508SRZ12*PA

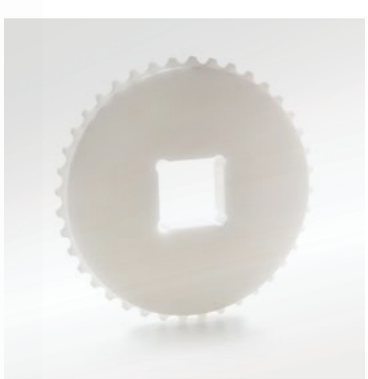
*Other sprockets and hub sizes are manufactured up to request.
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.
***Machined Split Sprockets are avaliable for each size.**

Clamp

Machined Split Sprocket

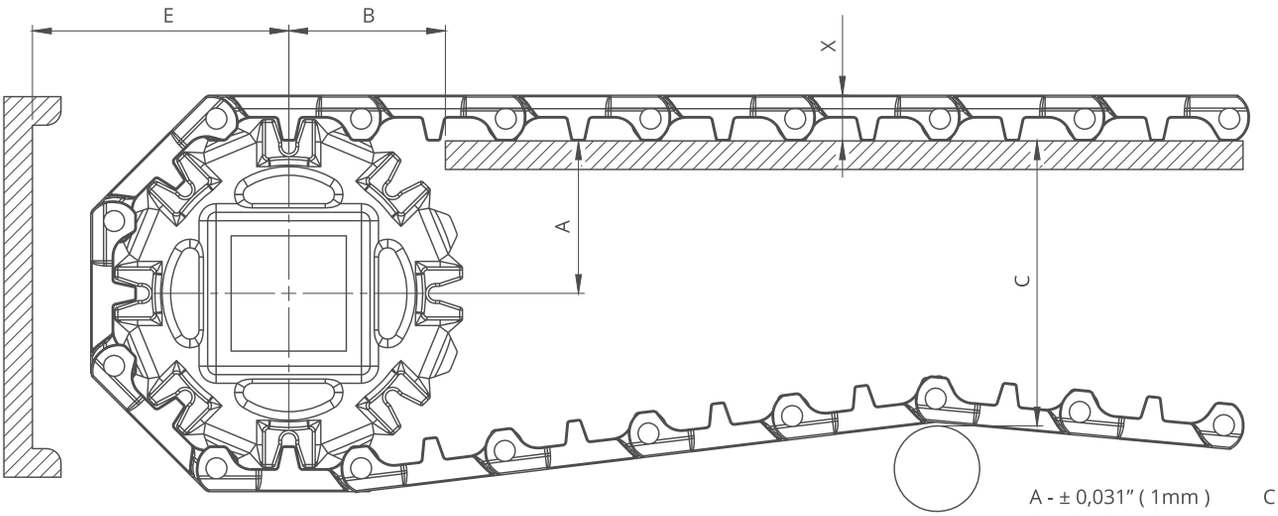


Moulded Sprocket



Machined Sprocket

EC508 Series *Engineering Information*

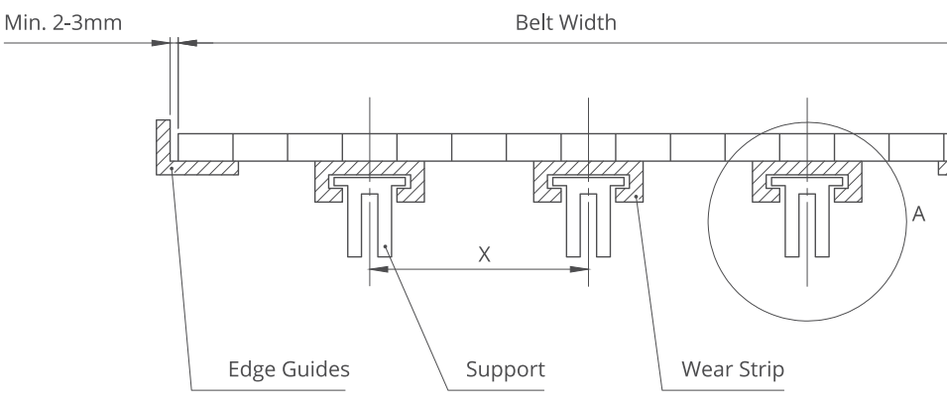


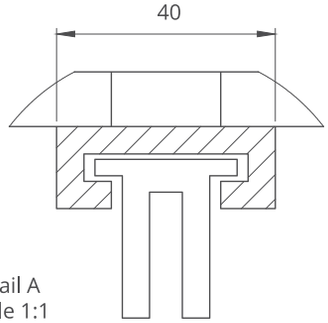
A - ± 0,031" (1mm)
B - ± 0,125" (3mm)
C - ± (Max.)
E - ± (Min.)

EC508 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X	
Pitch Diameter		No.Teeth	Range (Bottom to Top)									
inch	mm		**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm
EC508 C, EC508 PR%22, EC508 PR%13, EC508 PR%11, EC508 FG												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.92**	74,3	**2.73**	69,3	**0.63**	16,0
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.23**	107,4	**3.36**	85,4	**0.63**	16,0
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.52**	140,3	**3.99**	101,3	**0.63**	16,0
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.87**	174,6	**4.68**	118,8	**0.63**	16,0
EC508 DT												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.92**	74,3	**2.73**	69,3	**0.67**	17,0
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.23**	107,4	**3.36**	85,4	**0.67**	17,0
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.52**	140,3	**3.99**	101,3	**0.67**	17,0
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.87**	174,6	**4.68**	118,8	**0.67**	17,0
EC508 NT, EC508 FG-NT												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.83**	71,8	**2.83**	71,8	**0.73**	18,5
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.13**	104,9	**3.46**	87,9	**0.73**	18,5
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.43**	137,8	**4.09**	103,8	**0.73**	18,5
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.78**	172,1	**4.78**	121,3	**0.73**	18,5

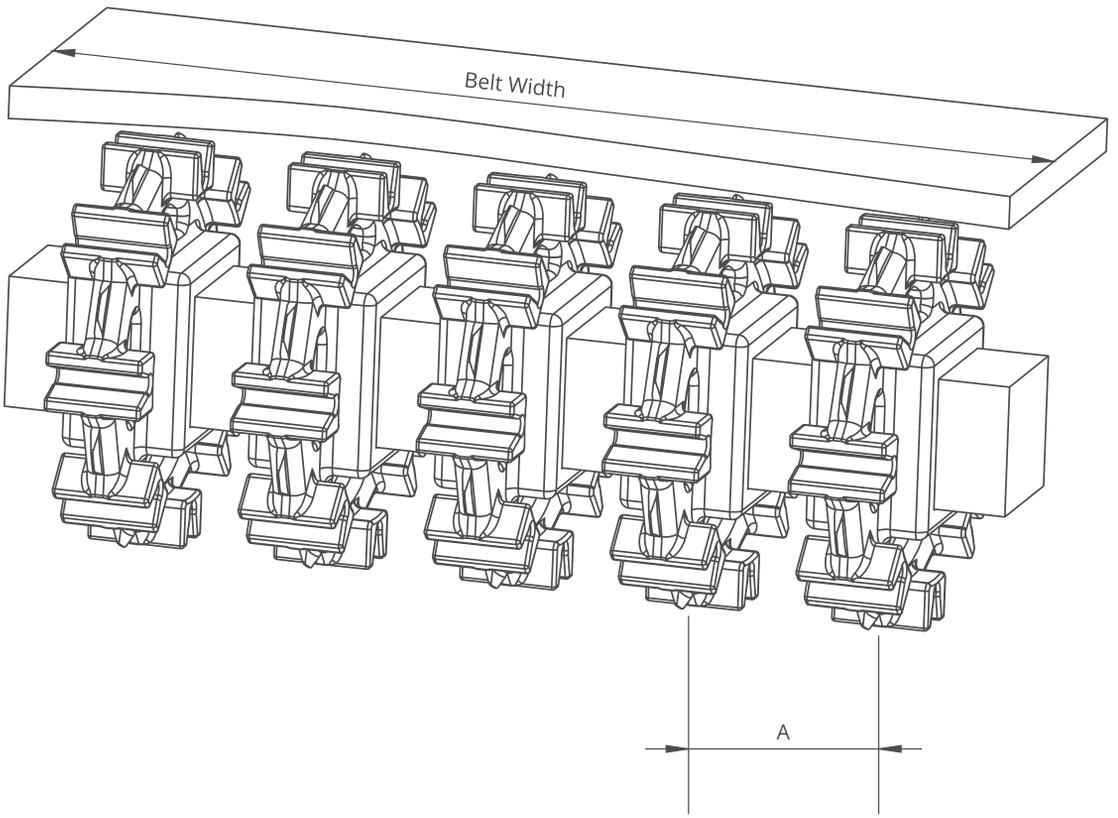
EC508 Series / Slider Support System For Straight Running Belts





Detail A
Scale 1:1

Note: The max. distances between the wear strips have to be (X) ;
125 mm for 2" belts. 80 mm for 1" / 0.5" belts.



EC508 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/**inch**)	
mm	**inch**	Drive Shaft	Return Shaft	Min.	Max.
200,0	**7.9**	2	2	60/**2.36**	150/**5.9**
300,0	**11.8**	3	2	60/**2.36**	150/**5.9**
400,0	**15.7**	3	3	60/**2.36**	150/**5.9**
500,0	**19.7**	4	3	60/**2.36**	150/**5.9**
600,0	**23.6**	4	3	60/**2.36**	150/**5.9**
700,0	**27.6**	5	4	60/**2.36**	150/**5.9**
800,0	**31.5**	6	4	60/**2.36**	150/**5.9**
900,0	**35.4**	6	5	60/**2.36**	150/**5.9**
1000,0	**39.4**	7	5	60/**2.36**	150/**5.9**
1100,0	**43.3**	7	5	60/**2.36**	150/**5.9**
1200,0	**47.2**	8	6	60/**2.36**	150/**5.9**
1400,0	**55.1**	9	7	60/**2.36**	150/**5.9**
1600,0	**63.0**	10	7	60/**2.36**	150/**5.9**
1800,0	**70.9**	11	8	60/**2.36**	150/**5.9**
2000,0	**78.7**	12	8	60/**2.36**	150/**5.9**
2200,0	**86.6**	13	9	60/**2.36**	150/**5.9**
2400,0	**94.5**	14	10	60/**2.36**	150/**5.9**
2600,0	**102.4**	15	10	60/**2.36**	150/**5.9**
2800,0	**110.2**	16	11	60/**2.36**	150/**5.9**
3000,0	**118.1**	17	12	60/**2.36**	150/**5.9**

Note: Number of sprockets depends on the belt load.