



EC508 PR%11

Modular Belt Series

• Meat Applications

Dressing Lines, Trim Lines, Elevator, Metal Detector

• Poultry Applications

Cut-up Lines, Debonning Lines, Chiller Discharge, Rehang / Bird Accumulation, Freezing Lines, Elevators

• Sea Food Applications

Draining, Elevator

• Snack Food Applications

Can Draining

• Fruits and Vegetables Applications

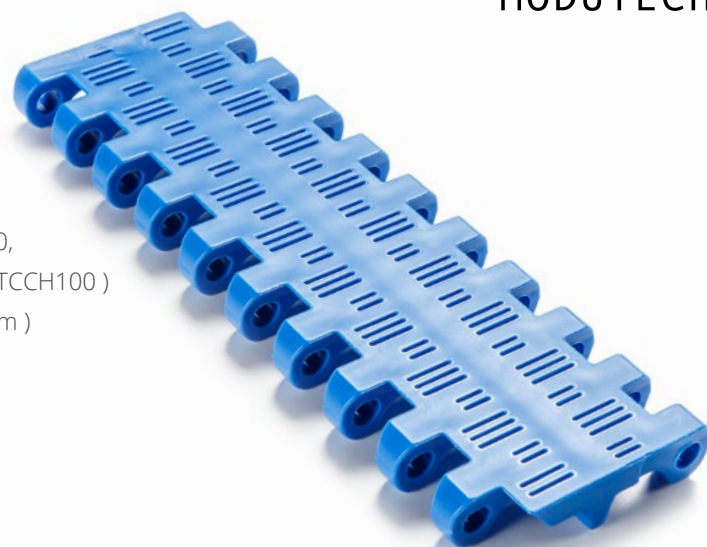
Prewashing / Rinsing, Draining, Peeling, Elevator



MODUTECH

EC508 PR%11

Pitch:	50,8 mm / 2 inch
Belt Surface:	Open, Mesh Top Surface
Minimum Width:	200 mm / 7.87 inch
Open Area (%):	11%. (Biggest opening 1,2 x 12 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / 0.276 inch - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / 0.630 inch



Product Features and Functional Benefits

- Unique sprocket engagement - precise indexing, easy cleaning.
- Different openings to optimize performance in cooling and draining applications.
- Easy to clean reduces downtime for cleaning time 70%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Reduces bacteria growth.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module

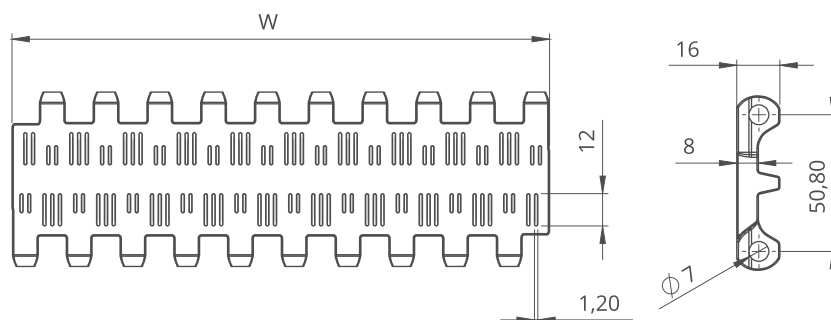
EC508 PR%11 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	19800	1356	-	-	+5 / +41	+90 / +194	7,8 / 1.60
Polyethylene	-	-	-	-	-	-	-
Acetal	-	-	-	-	-	-	-

- Belt strength and temperature values are maximum on the table.

EC508 PR%11 / Standard Belt Widths

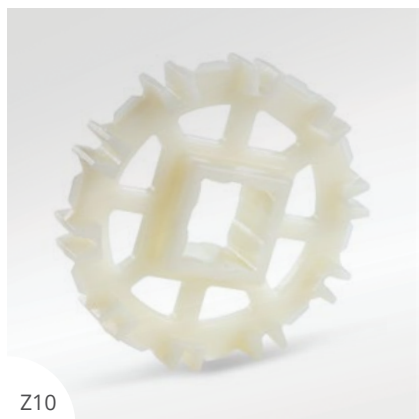
BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	inch	mm	inch	
EC508 PR11	200,0	7.87	-	-	± 1 mm
EC508 PR11	300,0	11.81	-	-	± 2 mm
EC508 PR11	400,0	15.75	-	-	± 2 mm
EC508 PR11	500,0	19.69	-	-	± 2 mm
EC508 PR11	600,0	23.62	-	-	± 3 mm
EC508 PR11	700,0	27.56	-	-	± 3 mm
EC508 PR11	800,0	31.50	-	-	± 3 mm
EC508 PR11	900,0	35.43	-	-	± 4 mm
EC508 PR11	1000,0	39.37	-	-	± 4 mm
EC508 PR11	1100,0	43.31	-	-	± 4 mm
EC508 PR11	1200,0	47.24	-	-	± 4 mm
EC508 PR11	1300,0	51.18	-	-	± 5 mm
EC508 PR11	1400,0	55.11	-	-	± 5 mm
EC508 PR11	1500,0	59.06	-	-	± 5 mm



- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.

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EC508 Series Sprockets and Technical Specifications



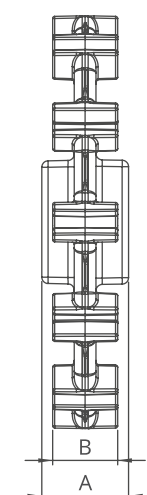
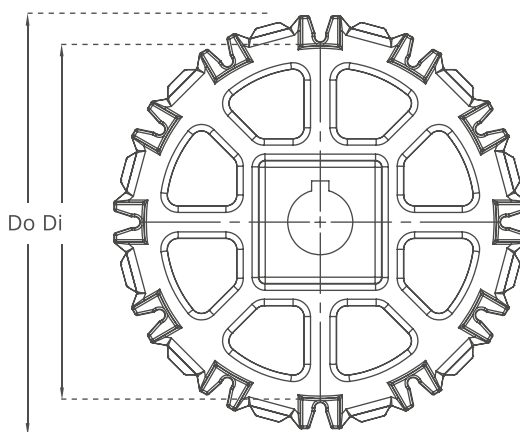
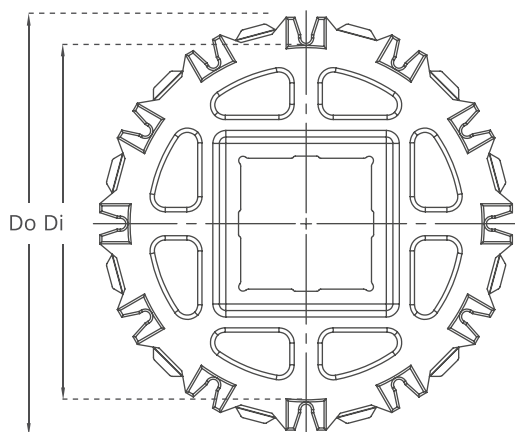
Z10



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.

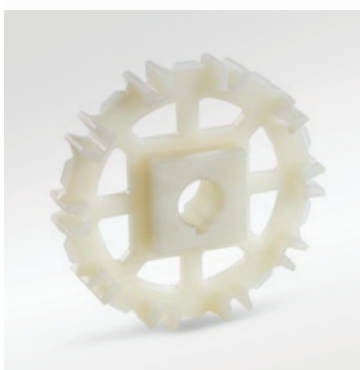
***Machined Split Sprockets are available for each size.**



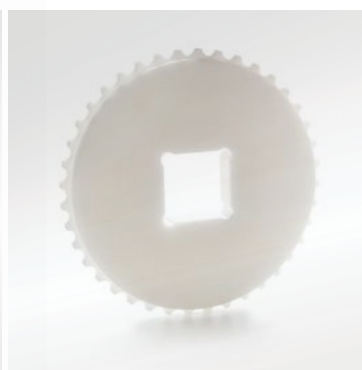
Clamp



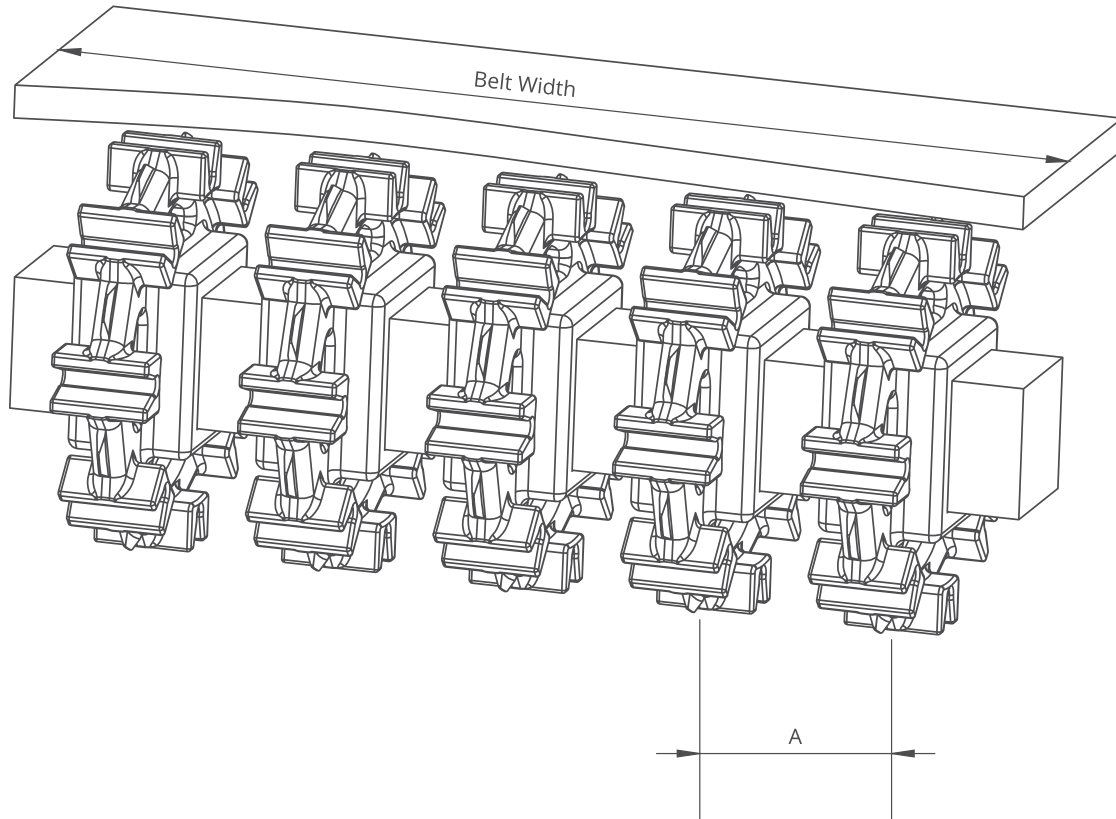
Machined Split Sprocket



Moulded Sprocket



Machined Sprocket



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.