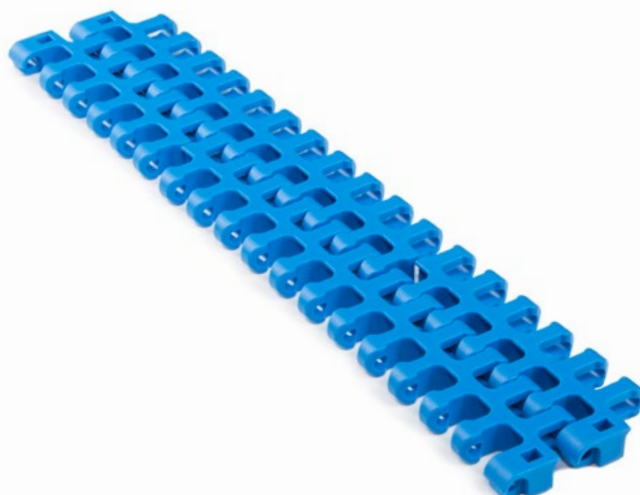




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EC254 R

Pitch :	25,8 mm / 1 inch
Belt Surface :	Open, Smooth Surface
Minimum Width :	100 mm / 3.94 inch
Open Area (%) :	36%. (Biggest opening 7,5 x 12 mm)
Flight :	Yes. (T25, T50)
Side Wall :	Yes. (h=25 mm)
Rod :	Ø5 mm / 0.197 inch - Self Lock
Approved :	FDA and EU
Curve :	Yes
Color :	Additional colors available
Cleanability :	Excellent
Application :	Straight and side flexing
Collapse Factor :	2.1 - 2.4
Belt Thickness:	11 mm / 0.433 inch



Product Features and Functional Benefits

- Available for light and medium load capacity.
- 180 degree high speed side flexing applications.
- High temperature and wear resistance.
- Unique locking system.
- Belt provides optimal open area for drainage and airflow.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 100 mm / **3.94 inch** module

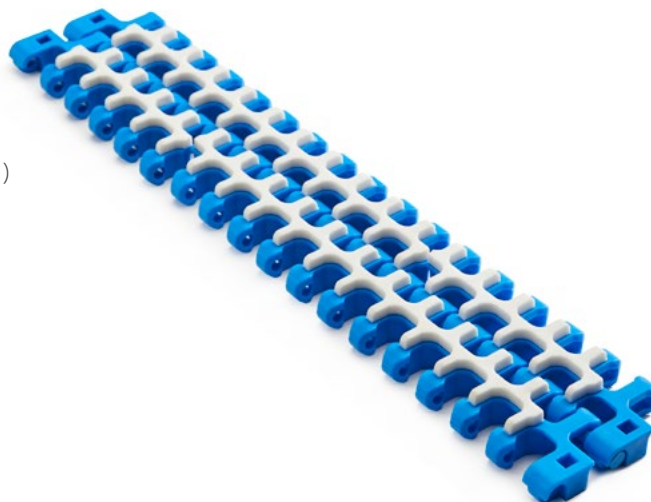
EC254 R / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT Kg/m ² - lb/ft ²
	Straight		Curve		°C (min.) - °F (min.)	°C (max.) - °F (max.)	
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	20900	1430	1100	248	+5 / +42.8	+90 / +194	4,7 - 0.96
Polyethylene	-	-	-	-	-	-	-
Acetal	29700	2035	1650	372	-43 / -45.4	+110 / +230	7,0 - 1.44

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

EC254 R-GT

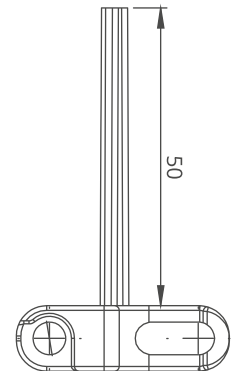
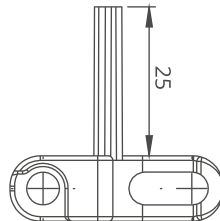
Pitch :	25,8 mm / 1 inch
Belt Surface :	Open, Friction Top Surface
Minimum Width :	100 mm / 3.94 inch
Open Area (%) :	36%. (Biggest opening 7.5 x 12 mm)
Flight :	Yes. (h=25 mm, h=50 mm)
Side Wall :	Yes. (h=25 mm)
Rod :	Ø5 mm / 0.197 inch - Self Lock
Approved :	FDA and EU
Curve :	Yes
Color :	Additional colors available
Cleanability :	Excellent
Application :	Straight and side flexing
Collapse Factor :	2.1 - 2.4
Belt Thickness:	15,5 mm / 0.61 inch



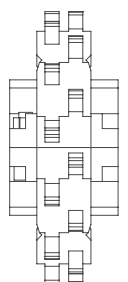
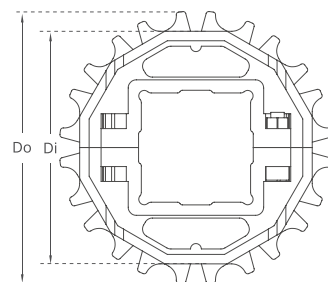
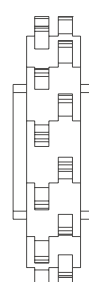
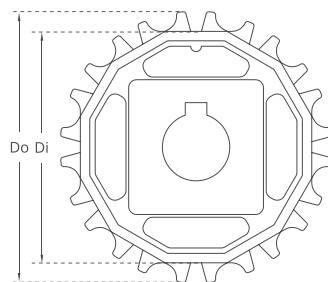
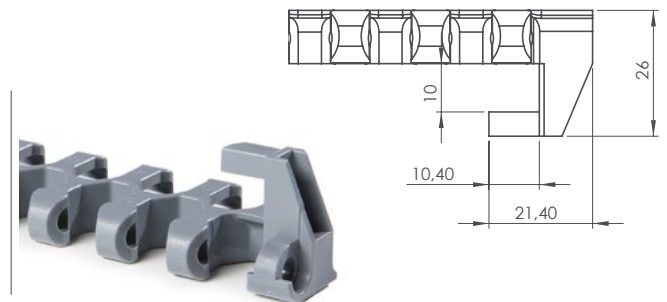
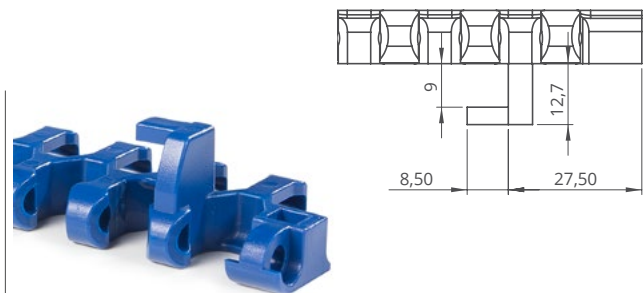


EC254 R Series *Accessories and Technical Specifications*

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EC254 R Series / TAB - Technical Specification



Split moulded sprockets are available.

EC254 R 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)
Z8	52,0 / 2.05	67,0 / 2.64	6 / 0.24	30 / 1.18	25 / 1	25 / 1	MD-TR254SQ25Z8*POM	MD-TR254SRZ8*POM
Z10	69,0 / 2.72	84,0 / 3.31	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQ10*POM	MD-TR254SRZ10*POM
Z12	85,84 / 3.38	100,84 / 3.97	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQ12*POM	MD-TR254SRZ12*POM
Z15	110,8 / 4.36	125,8 / 4.95	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQ15*POM	MD-TR254SRZ15*POM
Z16	119,1 / 4.69	134,1 / 5.28	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQ16*POM	MD-TR254SRZ16*POM
Z18	135,63 / 5.34	150,58 / 5.93	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQ18*POM	MD-TR254SRZ18*POM

*Other sprockets and hub sizes are manufactured up to request. *PA (Polyamide) and PP (Polypropylene) sprockets raw material is available on request.

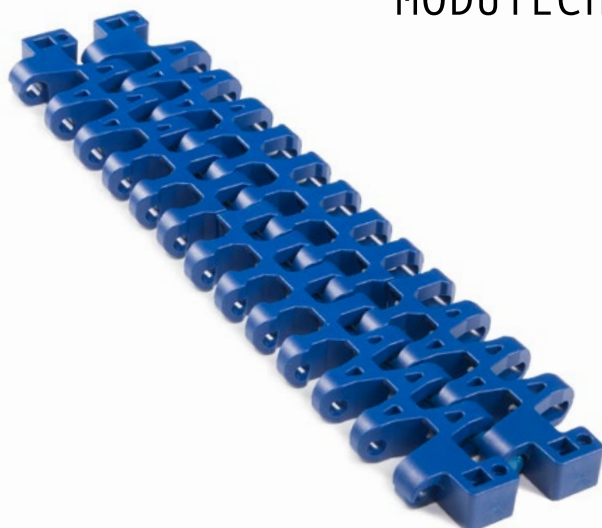
*Machined Split Sprockets are available for each size.



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EC254T R (Tight Radius)

Pitch :	26 mm / 1 inch
Belt Surface :	Open, Smooth Surface
Minimum Width :	167 mm / 6.57 inch
Open Area (%) :	38%. (Biggest opening 6,5 x 12 mm)
Flight :	No
Side Wall :	Yes (h=25 mm)
Rod :	Ø5 mm / 0.197 inch - Self Lock
Approved :	FDA and EU
Curve :	Yes
Color :	Additional colors available
Cleanability :	Excellent
Application :	Straight and side flexing
Collapse Factor :	1.4 - 1.6
Belt Thickness:	13 mm / 0.512 inch



Product Features and Functional Benefits

- Belt designed for tight radius applications.
- Available for light and medium load capacity.
- 180 degree high speed side flexing applications.
- High temperature and wear resistance. Unique locking system.
- Belt provides optimal open area for drainage and airflow.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 162 mm / **6.38 inch** module
- 137 mm / **5.39 inch** module
- 112 mm / **4.41 inch** module
- 100 mm / **3.94 inch** module
- 87 mm / **3.43 inch** module

EC254T R / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C (min.) - °F (min.)	°C (max.) - °F (max.)	Kg/m ² - lb/ft ²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	15400	1055	660	149	+5 / +42.8	+90 / +194	5,8 - 1.19
Polyethylene	-	-	-	-	-	-	-
Acetal	22000	1507	1210	272	-43 / -45.4	+110 / +230	8,4 - 1.72

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



Radius Belts Modular Belt Series

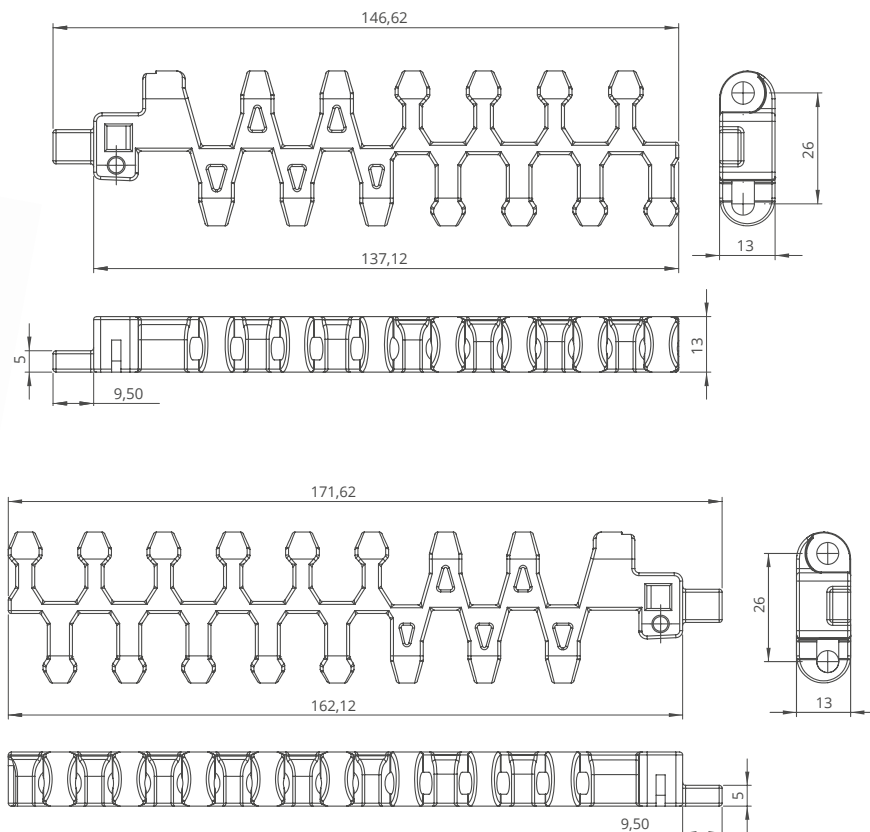




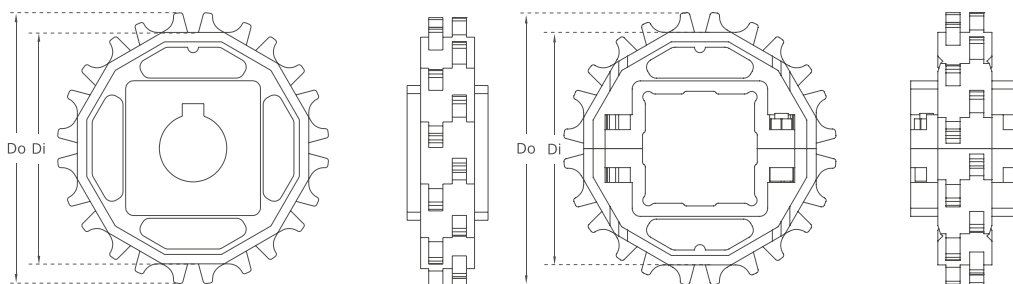
EC254T R Series *Accessories and Technical Specifications*

MODUTECH

EC254T R Series / TAB - Technical Specification



Z12



Split moulded sprockets are available.

EC254T R 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)
Z8	52,0 / 2.05	67,0 / 2.64	6 / 0.24	30 / 1.18	25 / 1	25 / 1	MD-TR254SQ25Z8*POM	MD-TR254SRZ8*POM
Z10	69,0 / 2.72	84,0 / 3.31	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ10*POM	MD-TR254SRZ10*POM
Z12	85,84 / 3.38	100,84 / 3.97	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ12*POM	MD-TR254SRZ12*POM
Z15	110,8 / 4.36	125,8 / 4.95	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ15*POM	MD-TR254SRZ15*POM
Z16	119,1 / 4.69	134,1 / 5.28	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ16*POM	MD-TR254SRZ16*POM
Z18	135,63 / 5.34	150,58 / 5.93	6 / 0.24	30 / 1.18	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ18*POM	MD-TR254SRZ18*POM

*Other sprockets and hub sizes are manufactured up to request. *PA (Polyamide) and PP (Polypropylene) sprockets raw material is available on request.

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