



Movement Technologies

**Bandas Modulares MP 127**

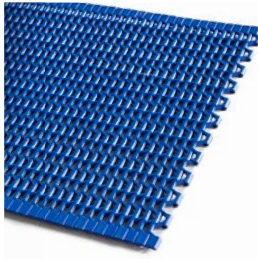




Movement Technologies



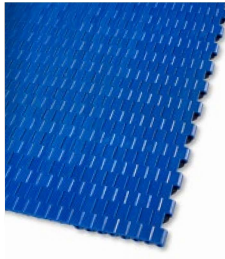
**MP80 C**  
Micropitch Belt Series



**MP80 FG**  
Micropitch Belt Series



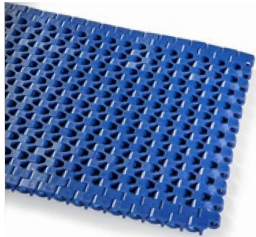
**MP80 NS**  
Micropitch Belt Series



**MP80 NP**  
Micropitch Belt Series



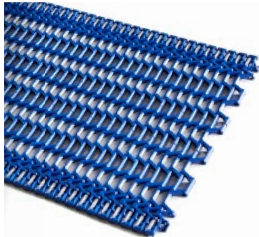
**ECI27 C**



**ECI27 FG**



**ECI27 GT**



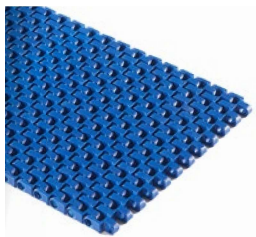
**MD127 GAP%50**



**HCI27 C**



**SM127 C**



**SM127 FG**



**SM127 CRV**



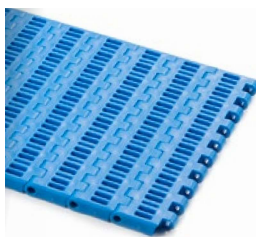
**XP254 CR**  
Corrugated & Logistic Belt Series



**XP254 FLT CR**  
Corrugated & Logistic Belt Series



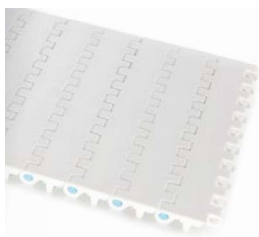
**XP254 C**



**XP254 PR%22**



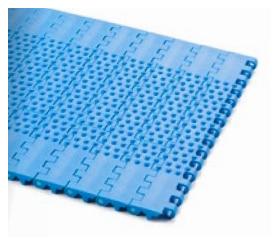
**XP254 FG**



**EC254 C**



**EC254 PR%16**



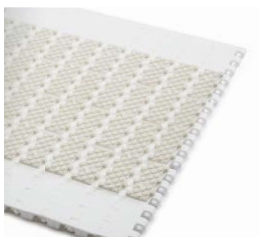
**EC254 NT**



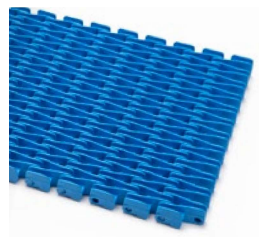
**MD254 FG**



**MD254 C**



**MD254 GT**



**MD254 RR**



**MD254 GAP%48**



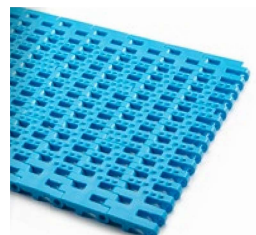
**EC508 C**



**EC508 PR%22**



**EC508 FG**



**EC508 FG-NT**



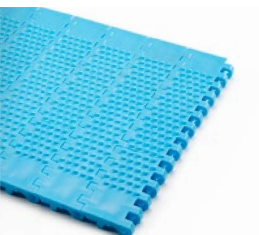
**EC508 PR%11**



**EC508 PR%13**



**EC508 DT**



**EC508 NT**



**MD508 C**



**MD508 FG**



**MD508 PR%25**



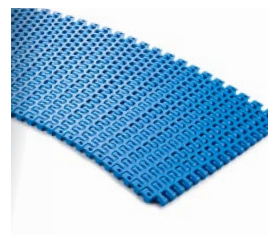
**HP508 RR**



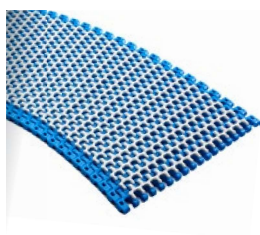
**HP508 FG**  
Battery Belt



**HP508 C**



**EC254 R**  
Radius Belt 2,1



**EC254 R-GT**  
Radius Belt 2,1 with  
friction surface



**EC254T R**  
Tight Radius Belt 1,4



**EC508T R**  
Tight Radius Belt 1,5



# EC127

## *Modular Belt Series*

*EC127 C*

*EC127 FG*

*EC127 GT / Friction Top*

*Sprockets & Accessories*

*Engineering Information*









# EC127 C

## Modular Belt Series

- **Bakery Applications**

Row Dough Handling, Divider, Proofer Lines, Laminating Lines

- **Meat Applications**

Transfer - Crossover Conveyance and Metal Detectors

- **Seafood Applications**

Grading Lines and Weighing Lines

- **Beverage Applications**

Depalletizers, Accumulation Tables and Acceleration Lines

- **Fruits and Vegetables Applications**

Control and Sorting Tables

- **Can Manufacturing Applications**

Including Palletizers, Mass Handling and Accumulation Tables

- **Tire Manufacturing Applications**

Scalling, Marking, Sciver Cementing, Water Blow - Off,

Tire Transport Horizontal

- **Corrugated Applications**

Down Stackers, Corrugator Take Off, Transfer Car

# EC127 C

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Close, Smooth Surface
Minimum Width:	50 mm / <b>1.97 inch</b>
Open Area (%):	0%
Flight:	Yes ( T25, T50 )
Sidewall:	No
Rod:	Ø4,7 mm / <b>0.185 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Good
Belt Thickness:	10 mm / <b>0.394 inch</b>



## Product Features and Functional Benefits

- Less vibration in high speed and nosebar applications.
- Wear resistance in high speed applications with tight transfer.
- Unique sprocket engagement reduces pulsation.
- Tight transfer applications.
- Tight transfer and high speed conveyors.

## Available Moulded Module Sizes

- 150 mm / **5.90 inch** module
- 100 mm / **3.94 inch** module
- 50 mm / **1.97 inch** module

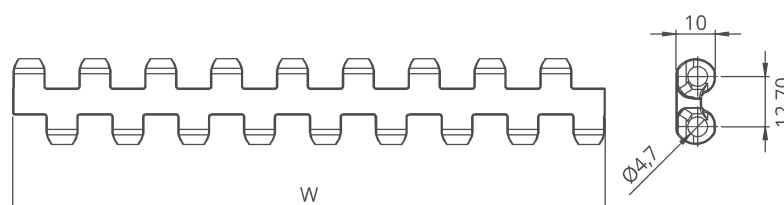
## EC127 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	12100	<b>829</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	5,8 / <b>1.20</b>
Polyethylene	6600	<b>452</b>	-	-	-73 / <b>-99.4</b>	+66 / <b>+150.8</b>	6,2 / <b>1.27</b>
Acetal	19800	<b>1356</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	8,7 / <b>1.78</b>

## EC127 C / Standard Belt Widths

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

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	inch	mm	inch	
EC127 C	150,0	<b>5.90</b>	150,0	<b>5.90</b>	± 1 mm
EC127 C	200,0	<b>7.87</b>	200,0	<b>7.87</b>	± 1 mm
EC127 C	250,0	<b>9.84</b>	250,0	<b>9.84</b>	± 2 mm
EC127 C	300,0	<b>11.81</b>	300,0	<b>11.81</b>	± 2 mm
EC127 C	350,0	<b>13.77</b>	350,0	<b>13.77</b>	± 2 mm
EC127 C	400,0	<b>15.75</b>	400,0	<b>15.75</b>	± 2 mm
EC127 C	450,0	<b>17.71</b>	450,0	<b>17.71</b>	± 2 mm
EC127 C	500,0	<b>19.69</b>	500,0	<b>19.69</b>	± 2 mm
EC127 C	550,0	<b>21.65</b>	550,0	<b>21.65</b>	± 2 mm
EC127 C	600,0	<b>23.62</b>	600,0	<b>23.62</b>	± 3 mm
EC127 C	650,0	<b>25.60</b>	650,0	<b>25.60</b>	± 3 mm
EC127 C	700,0	<b>27.56</b>	700,0	<b>27.56</b>	± 3 mm
EC127 C	750,0	<b>29.50</b>	750,0	<b>29.50</b>	± 3 mm
EC127 C	800,0	<b>31.50</b>	800,0	<b>31.50</b>	± 3 mm
EC127 C	850,0	<b>33.46</b>	850,0	<b>33.46</b>	± 4 mm
EC127 C	900,0	<b>35.43</b>	900,0	<b>35.43</b>	± 4 mm



- Standard belt increments 50 mm.
- Non-standard belt increments 16,6 mm.
- Please contact with customer service for precise belt measurements.



# EC127 FG

## Modular Belt Series

- **Bakery Applications**

*Divider, Oven Infeed - Outfeed, Cooling Lines, Coating Lines, Glazing Lines*

- **Poultry Applications**

*Breeding Lines and Grading Lines, Weighing Lines*

- **Seafood Applications**

*Breeding Lines, Grading Lines and Weighing Lines*

- **Snack Food Applications**

*Cooling Lines*

- **Fruits and Vegetables Applications**

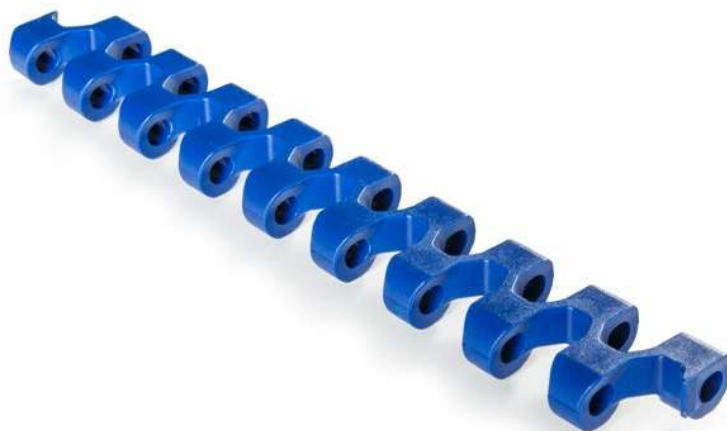
*Draining, Sterilization, Conveyance*

- **Packaging Applications**

*Check Weighers, Filling, Palletizing - Depalletizing, Box Transfer*

# EC127 FG

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Open, Smooth Surface
Minimum Width:	50 mm / <b>1.97 inch</b>
Open Area (%):	20%. ( Biggest opening 3 x 6 mm )
Flight:	Yes ( T25, T50 )
Sidewall:	No
Rod:	Ø4,7 mm / <b>0.185 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	10 mm / <b>0.394 inch</b>



## Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.

## Available Moulded Module Sizes

- 150 mm / **5.90 inch** module
- 100 mm / **3.94 inch** module
- 50 mm / **1.97 inch** module

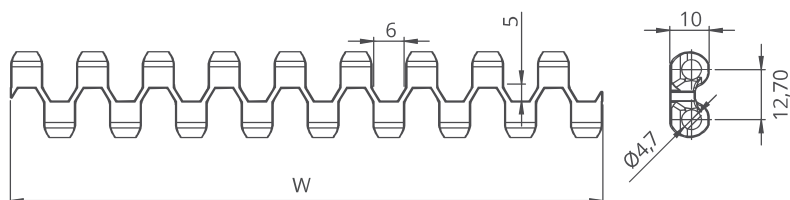
## EC127 FG / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	12100	<b>825</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	5,2 / <b>1.07</b>
Polyethylene	6600	<b>452</b>	-	-	-73 / <b>-99.4</b>	+66 / <b>+150.8</b>	5,4 / <b>1.11</b>
Acetal	19800	<b>1356</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	7,2 / <b>1.48</b>

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

## EC127 FG / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	inch	mm	inch	
EC127 FG	150,0	<b>5.90</b>	150,0	<b>5.90</b>	± 1 mm
EC127 FG	200,0	<b>7.87</b>	200,0	<b>7.87</b>	± 1 mm
EC127 FG	250,0	<b>9.84</b>	250,0	<b>9.84</b>	± 2 mm
EC127 FG	300,0	<b>11.81</b>	300,0	<b>11.81</b>	± 2 mm
EC127 FG	350,0	<b>13.77</b>	350,0	<b>13.77</b>	± 2 mm
EC127 FG	400,0	<b>15.75</b>	400,0	<b>15.75</b>	± 2 mm
EC127 FG	450,0	<b>17.71</b>	450,0	<b>17.71</b>	± 2 mm
EC127 FG	500,0	<b>19.69</b>	500,0	<b>19.69</b>	± 2 mm
EC127 FG	550,0	<b>21.65</b>	550,0	<b>21.65</b>	± 2 mm
EC127 FG	600,0	<b>23.62</b>	600,0	<b>23.62</b>	± 3 mm
EC127 FG	650,0	<b>25.60</b>	650,0	<b>25.60</b>	± 3 mm
EC127 FG	700,0	<b>27.56</b>	700,0	<b>27.56</b>	± 3 mm
EC127 FG	750,0	<b>29.50</b>	750,0	<b>29.50</b>	± 3 mm
EC127 FG	800,0	<b>31.50</b>	800,0	<b>31.50</b>	± 3 mm
EC127 FG	850,0	<b>33.46</b>	850,0	<b>33.46</b>	± 4 mm
EC127 FG	900,0	<b>35.43</b>	900,0	<b>35.43</b>	± 4 mm



- Standard belt increments 50 mm.
- Non-standard belt increments 16,6 mm.
- Please contact with customer service for precise belt measurements.





# ***EC127 GT***

## ***Modular Belt Series***

- **Snack Food Applications**

*Incline - Decline Lines, Container Conveyance*

- **Packaging Applications**

*Box Incline - Decline Lines*

- **Beverage Applications**

*Incline - Decline Lines, Filling, Box Transfer*

# EC127 GT

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Close, Friction Surface
Minimum Width:	150 mm / <b>5.90 inch</b>
Open Area (%):	0%
Flight:	Yes ( T25, T50 )
Sidewall:	No
Rod:	Ø4,7 mm / <b>0.185 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	12,5 mm / <b>0.49 inch</b>



## Product Features and Functional Benefits

- Unique rubber top eliminates wear and increases friction in incline-decline applications.
- Minimum nosebar diameter 18 mm.
- Tight transfer applications.

## Available Moulded Module Sizes

- 150 mm / **5.90 inch** module

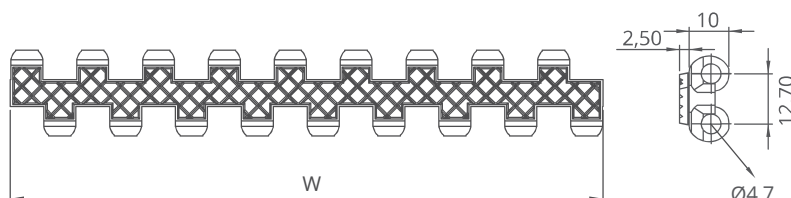
## EC127 GT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	9900	<b>679</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	6,5 / <b>1.33</b>
Polyethylene	-	-	-	-	-	-	-
Acetal	-	-	-	-	-	-	-

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

## EC127 GT / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	inch	mm	inch	
EC127 GT	150,0	<b>5.90</b>	-	-	± 1 mm
EC127 GT	200,0	<b>7.87</b>	-	-	± 1 mm
EC127 GT	250,0	<b>9.84</b>	-	-	± 2 mm
EC127 GT	300,0	<b>11.81</b>	-	-	± 2 mm
EC127 GT	350,0	<b>13.77</b>	-	-	± 2 mm
EC127 GT	400,0	<b>15.75</b>	-	-	± 2 mm
EC127 GT	450,0	<b>17.71</b>	-	-	± 2 mm
EC127 GT	500,0	<b>19.69</b>	-	-	± 2 mm
EC127 GT	550,0	<b>21.65</b>	-	-	± 2 mm
EC127 GT	600,0	<b>23.62</b>	-	-	± 3 mm
EC127 GT	650,0	<b>25.60</b>	-	-	± 3 mm
EC127 GT	700,0	<b>27.56</b>	-	-	± 3 mm
EC127 GT	750,0	<b>29.50</b>	-	-	± 3 mm
EC127 GT	800,0	<b>31.50</b>	-	-	± 3 mm
EC127 GT	850,0	<b>33.46</b>	-	-	± 4 mm
EC127 GT	900,0	<b>35.43</b>	-	-	± 4 mm



- Standard belt increments 50 mm.
- Non-standard belt increments 16,6 mm.
- Please contact with customer service for precise belt measurements.



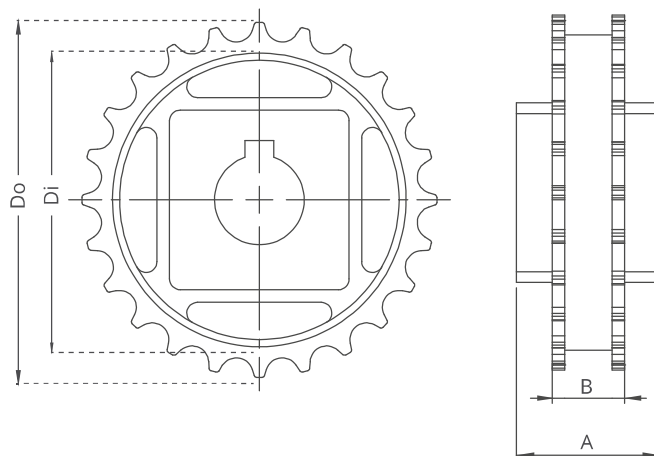
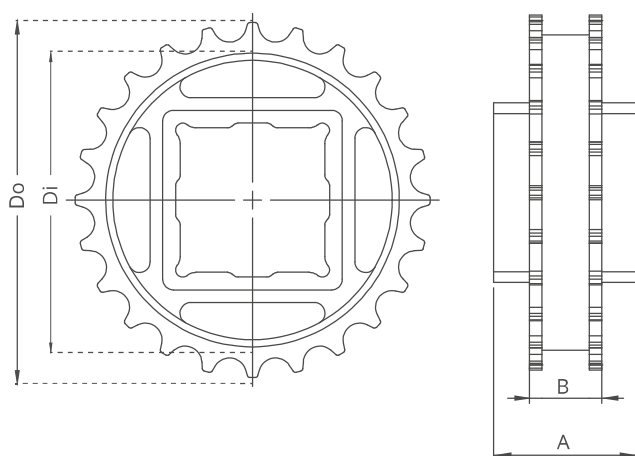
# EC127 Series *Sprockets and Technical Specifications*



Z24



Z24



## EC127 Series / Standard Moulded 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)
Z19	68,5 / <b>2.69</b>	78,0 / <b>2.54</b>	20 / <b>0.79</b>	40 / <b>1.57</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	EC127SQZ19*PA	EC127SRZ19*PA
Z24	88,7 / <b>3.49</b>	98,8 / <b>3.89</b>	20 / <b>0.79</b>	40 / <b>1.57</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	EC127SQZ24*PA	EC127SRZ24*PA
Z28	105,0 / <b>4.13</b>	115,2 / <b>4.53</b>	20 / <b>0.79</b>	40 / <b>1.57</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	EC127SQZ28*PA	EC127SRZ28*PA
Z30	113,0 / <b>4.44</b>	123,3 / <b>4.85</b>	20 / <b>0.79</b>	40 / <b>1.57</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	EC127SQZ30*PA	EC127SRZ30*PA
Z36	137,5 / <b>5.41</b>	148,0 / <b>5.82</b>	20 / <b>0.79</b>	40 / <b>1.57</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	EC127SQZ36*PA	EC127SRZ36*PA

\*Other sprockets and hub sizes are manufactured up to request.

\*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

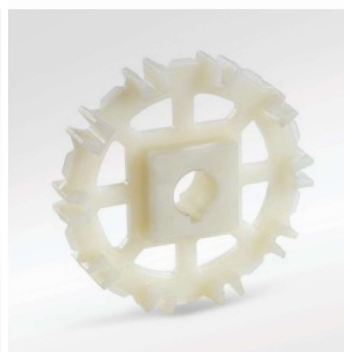
**\*Machined Split Sprockets are available for each size.**



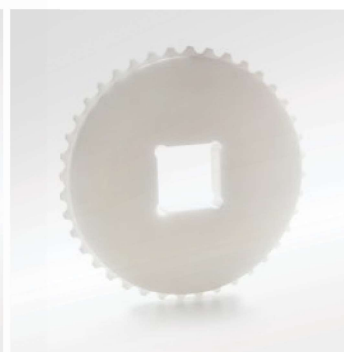
Clamp



Machined Split Sprocket



Moulded Sprocket



Machined Sprocket

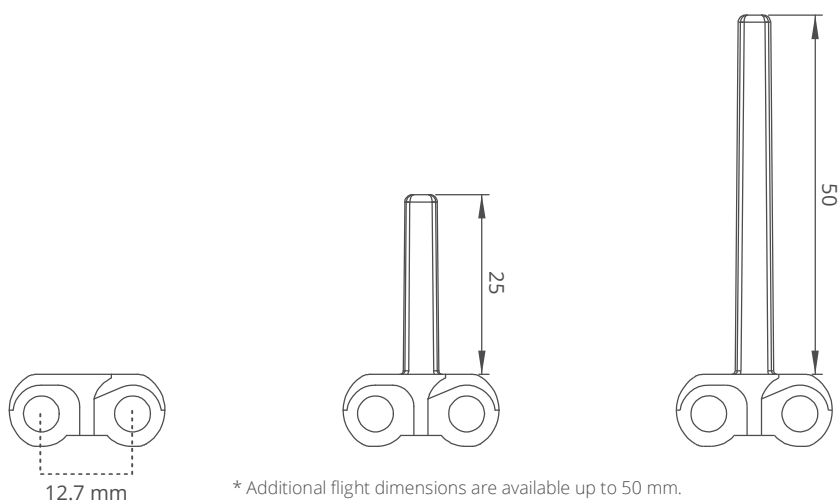


# EC127 Series *Accessories and Technical Specifications*



## EC127 Series / Flight Dimensions

EC127 Series / Flights				
PRODUCT CODE	Flight Height (mm/ <i>inch</i> )	Flight Width (mm/ <i>inch</i> )	PRODUCT CODE	Sidewall Height (mm/ <i>inch</i> )
EC127T25	25 / <b>1</b>	150 / <b>5.90</b>	-	-
EC127T50	50 / <b>2</b>	150 / <b>5.90</b>	-	-



\* Additional flight dimensions are available up to 50 mm.

## EC127 Series / Flight Technical Specifications

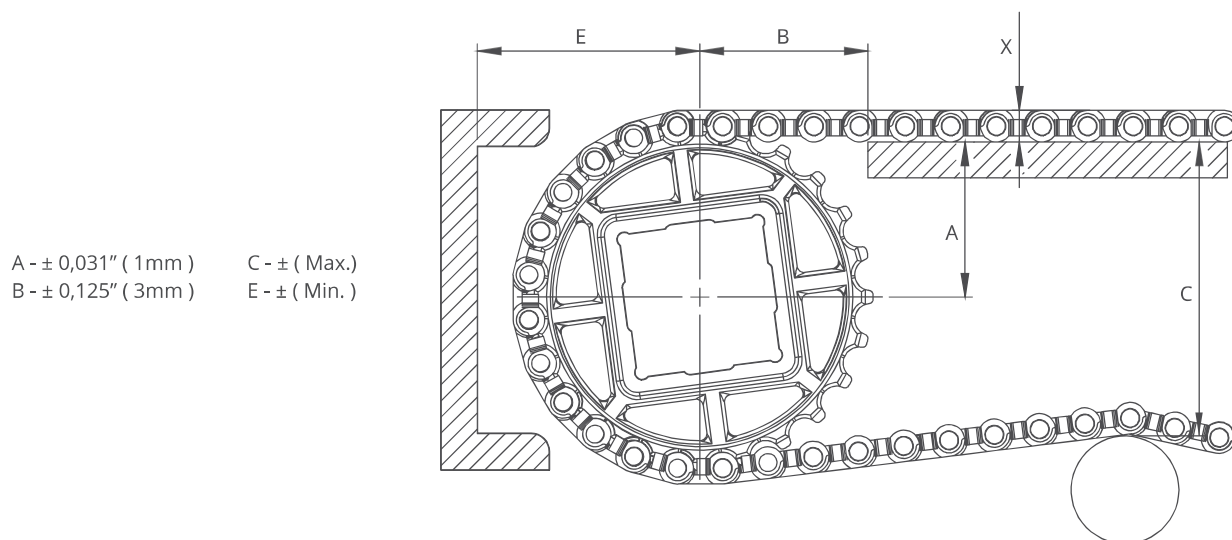
Possible Flight Indents for EC127 Series	Z	
	mm	inch
Standard, module cutting	33,3	<b>1.31</b>
Standard, no module cutting	50,0	<b>1.97</b>
Standard, module cutting	66,6	<b>2.62</b>
Standard, module cutting	83,3	<b>3.28</b>
Standard, no module cutting	100,0	<b>3.94</b>



\*Non-standard flight indent is on request.



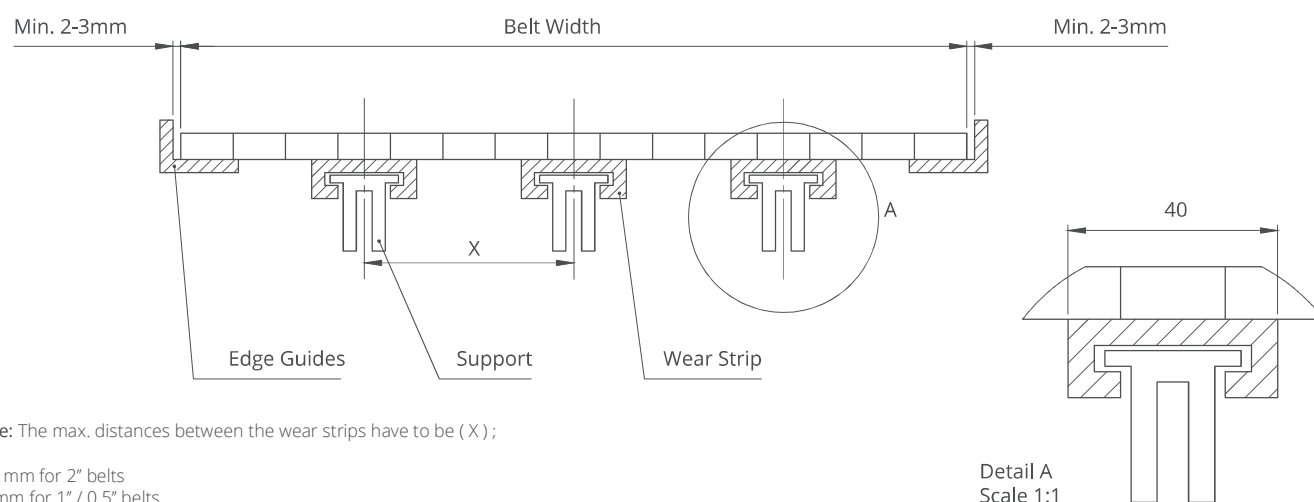
# EC127 Series *Engineering Information*



## EC127 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								
EC127 C, EC127 FG												
2.89	73,4	19	1.36	34,5	1.67	42,5	2.83	72,0	2.09	53,0	0.39	10,0
3.69	93,8	24	1.73	44,0	1.89	48,0	3.23	82,0	2.48	63,0	0.39	10,0
4.33	110,1	28	2.07	52,5	2.05	52,0	3.86	98,0	2.80	71,0	0.39	10,0
4.66	118,3	30	2.24	57,0	2.13	54,0	4.02	102,0	2.95	75,0	0.39	10,0
5.62	142,7	36	2.72	69,0	2.35	59,8	4.96	126,0	3.43	87,0	0.39	10,0
EC127 GT												
2.89	73,4	19	1.46	37,0	1.67	42,5	2.83	72,0	2.19	55,5	0.49	12,5
3.69	93,8	24	1.83	46,5	1.89	48,0	3.23	82,0	2.58	65,5	0.49	12,5
4.33	110,1	28	2.17	55,0	2.05	52,0	3.86	98,0	2.89	73,5	0.49	12,5
4.66	118,3	30	2.34	59,5	2.13	54,0	4.02	102,0	3.05	77,5	0.49	12,5
5.62	142,7	36	2.81	71,5	2.35	59,8	4.96	126,0	3.52	89,5	0.49	12,5

## EC127 Series / Slider Support System For Straight Running Belts

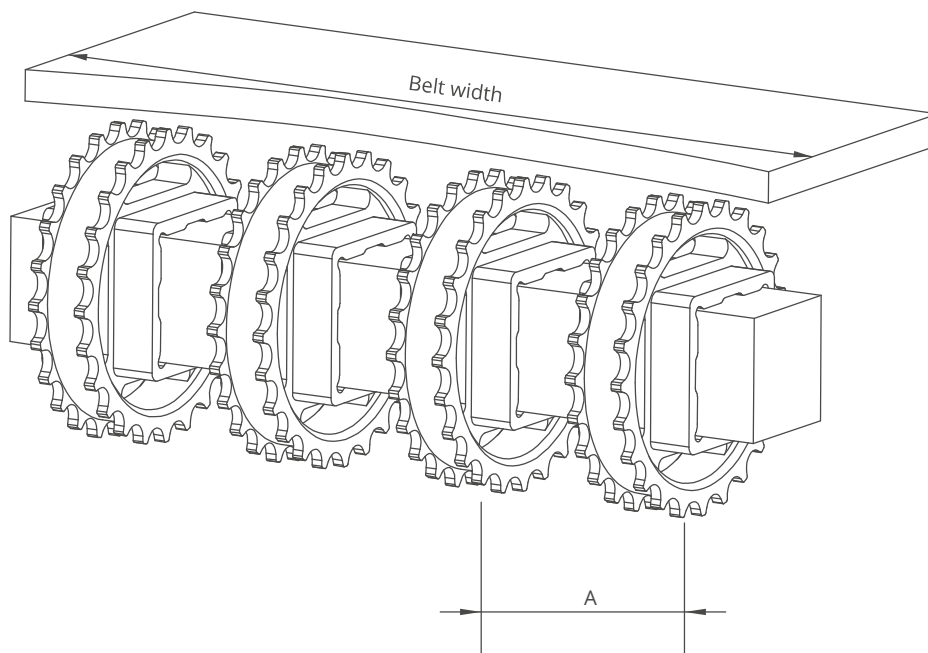


Note: The max. distances between the wear strips have to be (X);

125 mm for 2" belts  
 80 mm for 1" / 0.5" belts



# EC127 Series *Engineering Information*



## EC127 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
150,0	<b>5.91</b>	2	2	50/2	100/4
200,0	<b>7.87</b>	3	2	50/2	100/4
250,0	<b>9.84</b>	3	2	50/2	100/4
300,0	<b>11.81</b>	4	3	50/2	100/4
350,0	<b>13.78</b>	4	3	50/2	100/4
400,0	<b>15.75</b>	5	3	50/2	100/4
450,0	<b>17.72</b>	5	3	50/2	100/4
500,0	<b>19.69</b>	6	4	50/2	100/4
550,0	<b>21.65</b>	7	4	50/2	100/4
600,0	<b>23.62</b>	7	4	50/2	100/4
650,0	<b>25.59</b>	7	4	50/2	100/4
700,0	<b>27.56</b>	8	5	50/2	100/4
750,0	<b>29.53</b>	9	6	50/2	100/4
800,0	<b>31.50</b>	9	6	50/2	100/4
850,0	<b>33.46</b>	10	7	50/2	100/4
900,0	<b>35.43</b>	11	7	50/2	100/4
950,0	<b>37.40</b>	11	7	50/2	100/4
1000,0	<b>39.37</b>	11	7	50/2	100/4
1050,0	<b>41.34</b>	11	7	50/2	100/4
1100,0	<b>43.31</b>	12	7	50/2	100/4
1150,0	<b>45.28</b>	12	7	50/2	100/4
1200,0	<b>47.24</b>	12	7	50/2	100/4
1250,0	<b>49.21</b>	13	8	50/2	100/4
1300,0	<b>51.18</b>	13	8	50/2	100/4
1350,0	<b>53.15</b>	13	8	50/2	100/4
1400,0	<b>55.12</b>	14	8	50/2	100/4

# ***MD127 GAP%50***

***Modular Belt Serie***

***MD127 GAP%50***

***Sprockets***

***Engineering Information***











# MD127 GAP%50

## Modular Belt Serie

- **Bakery Applications**

Including Oven Infeed - Outfeed, Coating Lines, Glazing Lines,  
Freezing Lines, Conditioning Lines, Cooling Lines

- **Poultry Applications**

Cooling and Freezing Lines

- **Seafood Applications**

Including Breeding Machines, Draining Lines

- **Snack Food Applications**

Including Proofer Lines, Boiler Infeed, Oven Infeed - Outfeed, Cooling Lines

- **Fruits and Vegetables Applications**

Including Prewashing / Rinsing, Draining

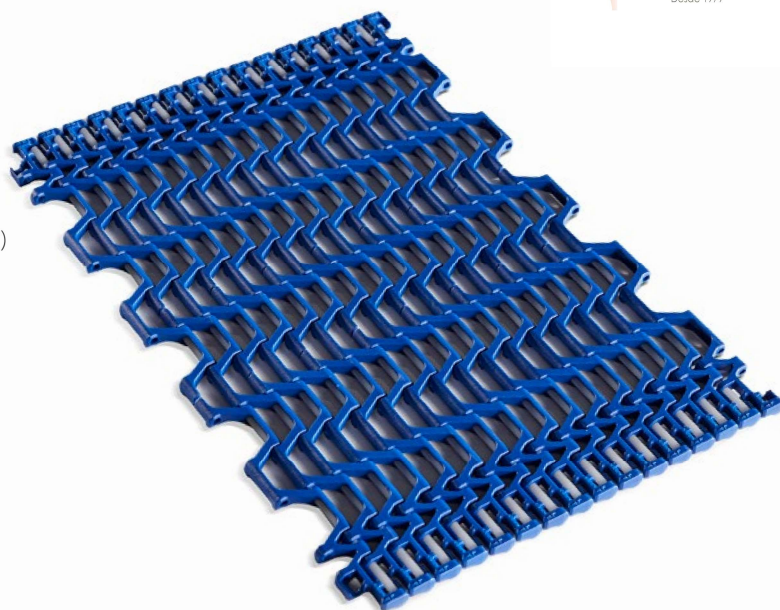
- **Packing Industry**

Shrink Tunnels



# MD127 GAP%50

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Open, Smooth Surface
Minimum Width:	177,8 mm / <b>7 inch</b>
Open Area (%):	50%. ( Biggest opening 10 x 25 mm )
Flight:	No
Sidewall:	No
Rod:	Ø3,6 mm / <b>0.142 inch</b>
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	7 mm / <b>0.276 inch</b>



## Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.
- Easy to clean reduces downtime for cleaning time 80%.

## Available Moulded Module Sizes

- 203,2 mm / **8 inch** module
- 177,8 mm / **7 inch** module
- 127 mm / **5 inch** module

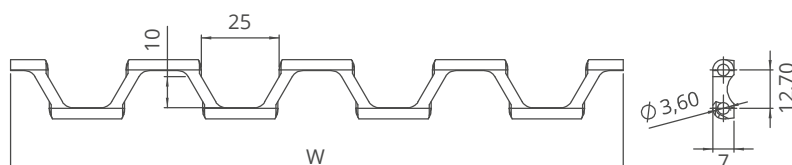
## MD127 GAP%50 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	3410	<b>233</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	2,8 / <b>0.57</b>
Polyethylene	-	-	-	-	-	-	-
Acetal	4840	<b>331</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	3,6 / <b>0.75</b>

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

## MD127 GAP%50 / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	inch	mm	inch	
MD127G50	177,80	7.0	177,80	7.0	± 1 mm
MD127G50	203,20	8.0	203,20	8.0	± 1 mm
MD127G50	304,80	12.0	304,80	12.0	± 1 mm
MD127G50	406,40	16.0	406,40	16.0	± 1 mm
MD127G50	508,00	20.0	508,00	20.0	± 2 mm
MD127G50	609,60	24.0	609,60	24.0	± 2 mm
MD127G50	711,20	28.0	711,20	28.0	± 2 mm
MD127G50	812,80	32.0	812,80	32.0	± 2 mm
MD127G50	914,40	36.0	914,40	36.0	± 2 mm

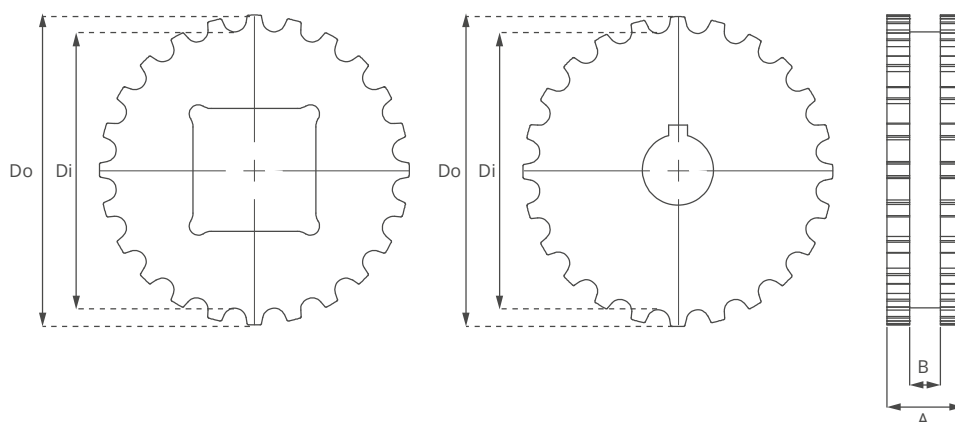


- Standard belt increments 101,6 mm.
- Non-standard belt increments 50,8 mm.
- Please contact with customer service for precise belt measurements.

# MD127 GAP%50 Serie *Engineering Information*



Z36



## MD127 GAP%50 Serie / Machined 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)
Z19	70,9 / <b>2.79</b>	80,8 / <b>3.18</b>	10 / <b>0.39</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	MD127G50SQZ19	MD127G50SRZ19
Z24	91,3 / <b>3.59</b>	101,6 / <b>4.00</b>	10 / <b>0.39</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	MD127G50SQZ24	MD127G50SRZ24
Z36	140,5 / <b>5.53</b>	150,5 / <b>5.93</b>	10 / <b>0.39</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	MD127G50SQZ36	MD127G50SRZ36

\*All required sprockets produced by CNC.

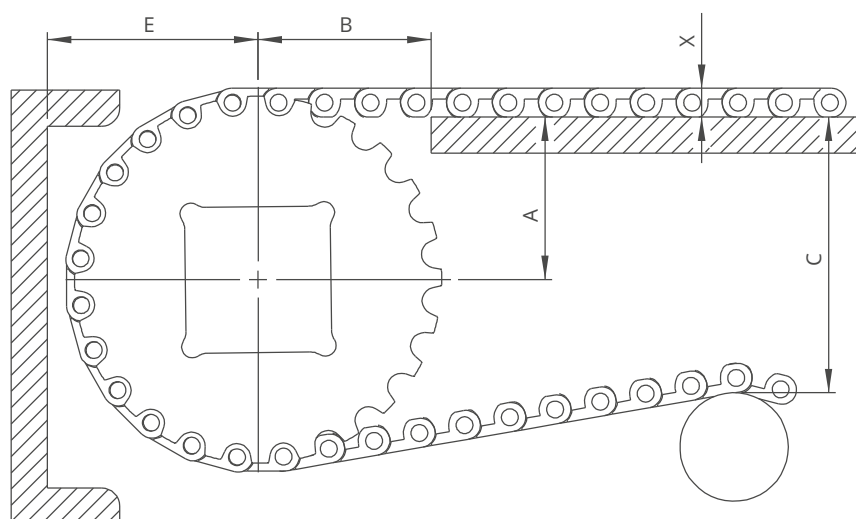
\*Other sprockets and hub sizes are manufactured up to request.

\*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

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

A - ± 0,031" ( 1mm )  
 B - ± 0,125" ( 3mm )

C - ± ( Max.)  
 E - ± ( Min. )

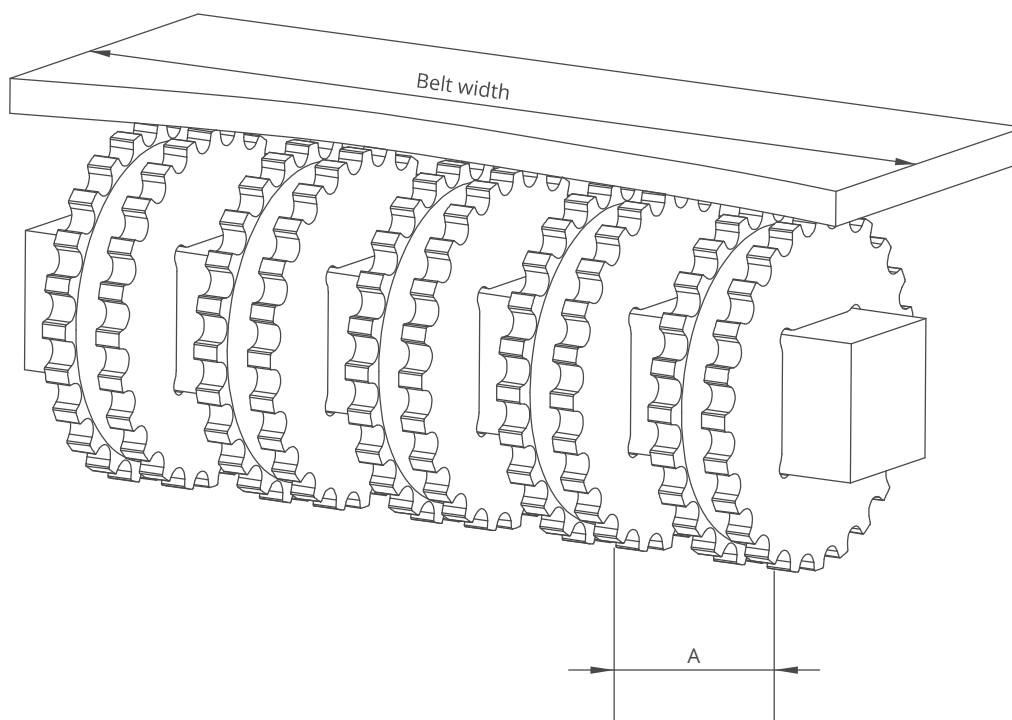


## MD127 GAP%50 Serie / Conveyor Frame Dimensions

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								
MD127 GAP%50												
3.09	78,4	19	1.40	35,4	1.59	40,4	2.00	50,9	1.87	47,4	0.28	7,0
3.86	98,0	24	1.80	45,7	2.00	50,8	2.81	71,3	2.27	57,7	0.28	7,0
5.83	148,0	36	2.77	70,3	2.97	75,5	4.74	120,5	3.24	82,3	0.28	7,0



# MD127 GAP%50 Serie *Engineering Information*



## MD127 GAP%50 Serie / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
177,8	<b>7.0</b>	2	2	50/2	100/4
203,2	<b>8.0</b>	3	2	50/2	100/4
304,8	<b>12.0</b>	4	3	50/2	100/4
406,4	<b>16.0</b>	5	3	50/2	100/4
508,0	<b>20.0</b>	6	4	50/2	100/4
609,6	<b>24.0</b>	7	5	50/2	100/4
711,2	<b>28.0</b>	8	6	50/2	100/4
812,8	<b>32.0</b>	9	7	50/2	100/4
914,4	<b>36.0</b>	10	8	50/2	100/4
1016,0	<b>40.0</b>	11	9	50/2	100/4
1117,6	<b>44.0</b>	12	9	50/2	100/4
1219,2	<b>48.0</b>	13	10	50/2	100/4
1320,8	<b>52.0</b>	14	11	50/2	100/4
1422,4	<b>56.0</b>	14	11	50/2	100/4
1524,0	<b>60.0</b>	15	12	50/2	100/4
1625,6	<b>64.0</b>	16	12	50/2	100/4

# HC127

*Modular Belt Serie*

*HC127 C*

*Sprockets*

*Engineering Information*









# HC127 C

## Modular Belt Serie

- **Meat (Beef and Pork) Applications**

Fat - Trim Lines, General Conveyence, Packing Lines, Elevator

- **Poultry Applications**

Debonning, Trim Lines, Offal - Feather Lines, Grading Lines, Freezing Lines, Elevator

- **Seafood Applications**

Inspection Tables, Grading Lines, Trim Lines

- **Bakery Applications**

Row Dough Handling, Cooling Lines, Packing Lines

- **Snack Food Applications**

Corn Processing

- **Fruits and Vegetables Applications**

Bulk Feeding, Elevator, Control - Sorting Table

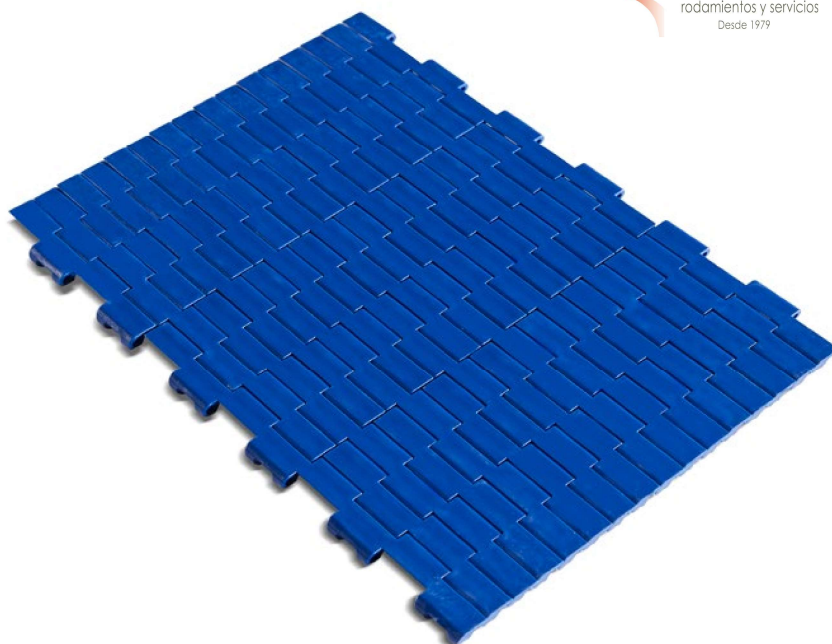
- **Packaging Applications**

Labelling, Palletizing - Depalletizing



# HC127 C

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Close, Smooth Surface
Minimum Width:	101,6 mm / <b>4 inch</b>
Open Area (%):	0%
Flight:	No
Sidewall:	No
Rod:	Ø4,5 mm / <b>0.177 inch</b>
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	8 mm / <b>0.315 inch</b>



## Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 80%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Close transfer applications.
- Reduces bacteria growth.

## Available Moulded Module Sizes

- 203,2 mm / **8 inch** module
- 101,6 mm / **4 inch** module

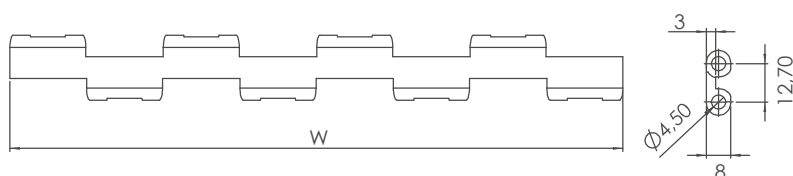
## HC127 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	2750	<b>188</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	3,8 / <b>0.78</b>
Polyethylene	-	-	-	-	-	-	-
Acetal	5170	<b>354</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	5,7 / <b>1.17</b>

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

## HC127 C / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	inch	mm	inch	
HC127 C	101,60	4.0	101,60	4.0	± 1 mm
HC127 C	203,20	8.0	203,20	8.0	± 1 mm
HC127 C	304,80	12.0	304,80	12.0	± 1 mm
HC127 C	406,40	16.0	406,40	16.0	± 1 mm
HC127 C	508,00	20.0	508,00	20.0	± 2 mm
HC127 C	609,60	24.0	609,60	24.0	± 2 mm
HC127 C	711,20	28.0	711,20	28.0	± 2 mm
HC127 C	812,80	32.0	812,80	32.0	± 2 mm
HC127 C	914,40	36.0	914,40	36.0	± 2 mm

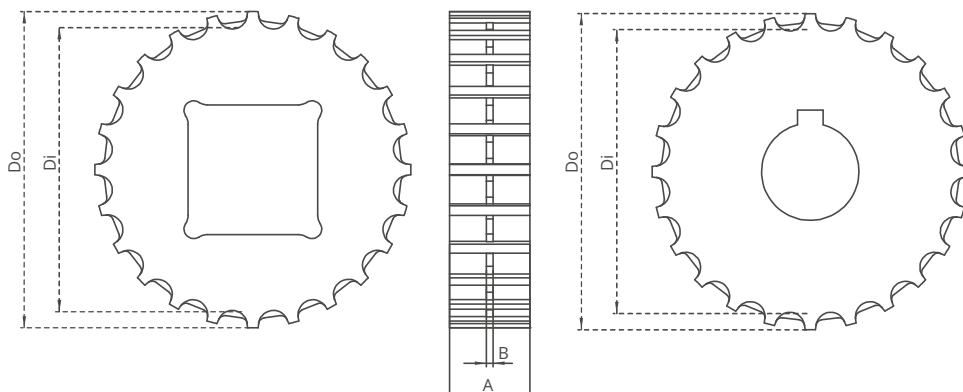


- Standard belt increments 101,6 mm.
- Non-standard belt increments 50,8 mm.
- Please contact with customer service for precise belt measurements.

# HC127 C Serie *Engineering Information*



Z36



## HC127 C Serie / Machined 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)
Z15	51,9 / <b>2.04</b>	61,4 / <b>2.42</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25 / <b>1-1.25</b>	25-30 / <b>1-1.25</b>	HC127SQZ15*POM	HC127SRZ15*POM
Z16	55,9 / <b>2.20</b>	65,5 / <b>2.58</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25 / <b>1-1.25</b>	25-30 / <b>1-1.25</b>	HC127SQZ16*POM	HC127SRZ16*POM
Z17	59,9 / <b>2.36</b>	69,5 / <b>2.74</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25 / <b>1-1.25</b>	25-30 / <b>1-1.25</b>	HC127SQZ17*POM	HC127SRZ17*POM
Z18	63,9 / <b>2.52</b>	73,6 / <b>2.90</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	HC127SQZ18*POM	HC127SRZ18*POM
Z19	68,0 / <b>2.68</b>	77,7 / <b>3.06</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	HC127SQZ19*POM	HC127SRZ19*POM
Z24	88,1 / <b>3.47</b>	98,1 / <b>3.86</b>	2 / <b>0.08</b>	25 / <b>1.0</b>	25-40 / <b>1-1.50</b>	25-30 / <b>1-1.25</b>	HC127SQZ24*POM	HC127SRZ24*POM

\*All required sprockets produced by CNC.

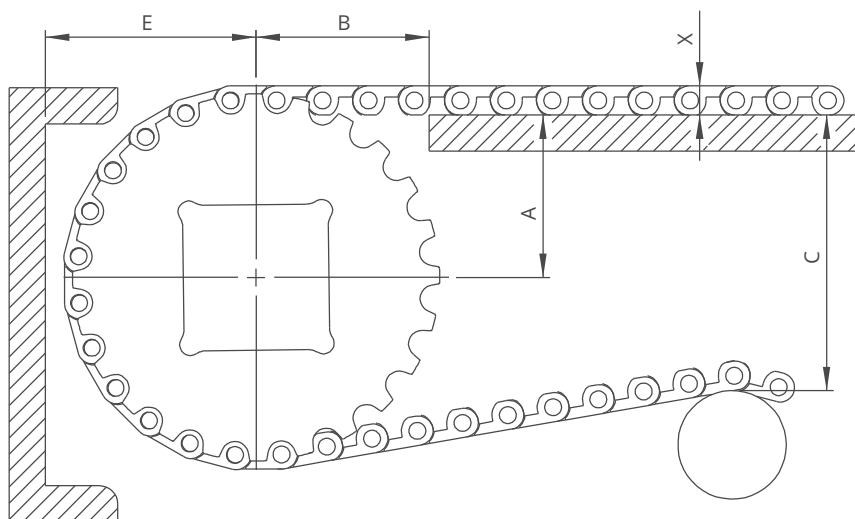
\*Other sprockets and hub sizes are manufactured up to request.

\*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

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

A -  $\pm 0,031"$  ( 1mm )  
 B -  $\pm 0,125"$  ( 3mm )

C -  $\pm$  ( Max. )  
 E -  $\pm$  ( Min. )

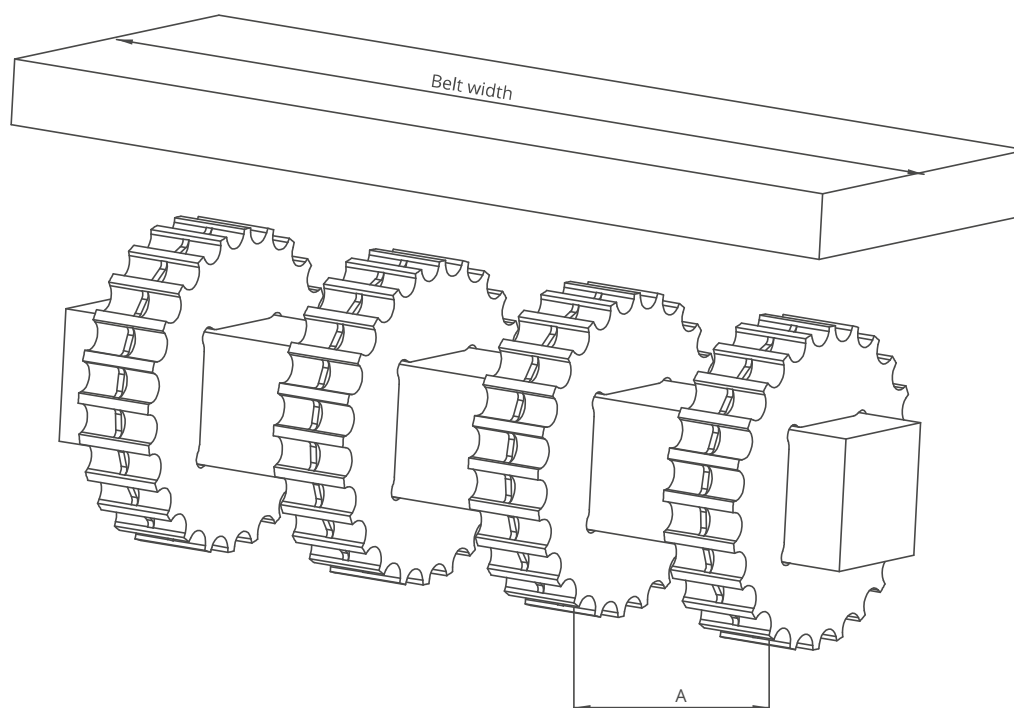


## HC127 C Serie / Conveyor Frame Dimensions

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								
HC127 C												
3.09	78,4	19	1.37	34,7	1.56	39,7	1.94	49,4	1.84	46,7	0.31	8,0
3.86	98,0	24	1.77	44,9	1.97	50,0	2.75	69,8	2.24	56,9	0.31	8,0
5.83	148,0	36	2.74	69,5	2.94	74,7	4.69	119,0	3.21	81,5	0.31	8,0



# HC127 C Serie *Engineering Information*



## HC127 C Serie / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/ <i>inch</i> )	
mm	<i>inch</i>	Drive Shaft	Return Shaft	Min.	Max.
101,6	<b>4.0</b>	2	2	50/2	100/4
203,2	<b>8.0</b>	3	2	50/2	100/4
304,8	<b>12.0</b>	4	3	50/2	100/4
406,4	<b>16.0</b>	5	3	50/2	100/4
508,0	<b>20.0</b>	6	4	50/2	100/4
609,6	<b>24.0</b>	7	5	50/2	100/4
711,2	<b>28.0</b>	8	6	50/2	100/4
812,8	<b>32.0</b>	9	7	50/2	100/4
914,4	<b>36.0</b>	10	8	50/2	100/4
1016,0	<b>40.0</b>	11	9	50/2	100/4
1117,6	<b>44.0</b>	12	9	50/2	100/4

# *SM127*

---

*Modular Belt Series*

*SM127 C*

*SM127 FG*

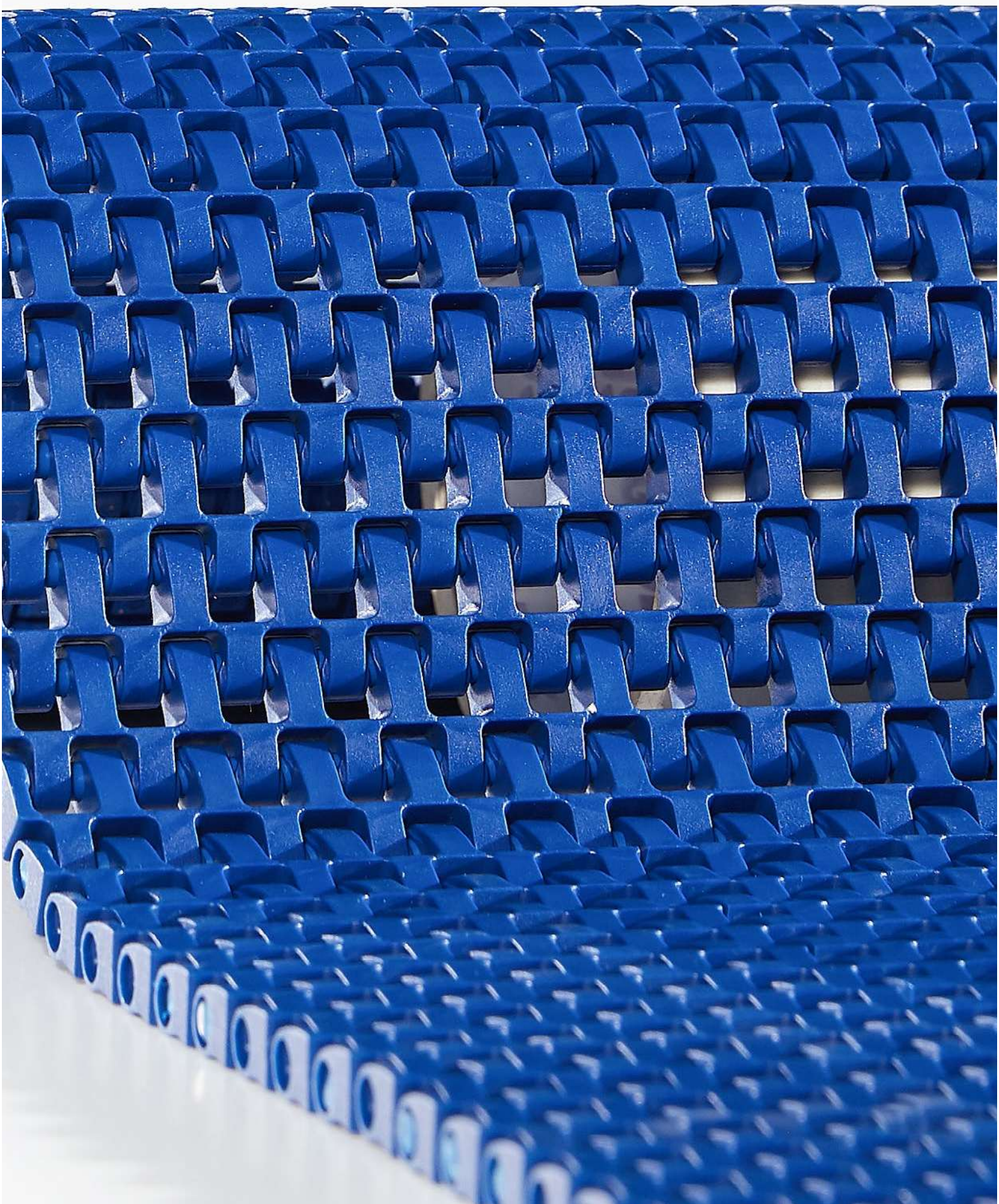
*SM127 CRV*

*Sprockets*

*Engineering Information*











# SM127 C

## Modular Belt Series

- **Bakery Applications**

Row Dough Handling, Divider, Proofer Lines, Laminating Lines

- **Meat Applications**

Transfer - Crossover Conveyance and Metal Detectors

- **Seafood Applications**

Grading Lines and Weighing Lines

- **Beverage Applications**

Depalletizers, Accumulation Tables and Acceleration Lines

- **Fruits and Vegetables Applications**

Control and Sorting Tables

- **Can Manufacturing Applications**

Including Palletizers, Mass Handling and Accumulation Tables

- **Tire Manufacturing Applications**

Scalling, Marking, Sciver Cementing, Water Blow - Off,  
Tire Transport Horizontal

- **Corrugated Applications**

Down Stackers, Corrugator Take Off, Transfer Car



# SM127 C

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Close, Smooth Surface
Minimum Width:	152,4 mm / <b>6.00 inch</b>
Open Area (%):	0%
Flight:	No
Sidewall:	No
Rod:	Ø4,4 mm / <b>0.173 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Good
Belt Thickness:	7,6 mm / <b>0.3 inch</b>



## Product Features and Functional Benefits

- Less vibration in high speed and nosebar applications.
- Wear resistance in high speed applications with tight transfer.
- Unique sprocket engagement reduces pulsation.
- Tight transfer applications.
- Tight transfer and high speed conveyors.

## Available Moulded Module Sizes

- 152,4 mm / **6.00 inch** module

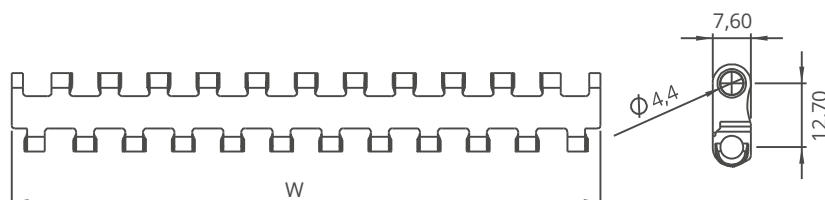
## SM127 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	12845	<b>880</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	4,3 / <b>0.89</b>
Polyethylene	7705	<b>528</b>	-	-	-73 / <b>-99.4</b>	+66 / <b>+150.8</b>	4,5 / <b>0.93</b>
Acetal	22475	<b>1540</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	6,2 / <b>1.28</b>

## SM127 C / Standard Belt Widths

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

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	inch	mm	inch	
SM127 C	152,4	6.00	152,4	6.00	± 1 mm
SM127 C	228,6	9.00	228,6	9.00	± 1 mm
SM127 C	304,8	12.00	304,8	12.00	± 2 mm
SM127 C	381,0	15.00	381,0	15.00	± 2 mm
SM127 C	457,2	18.00	457,2	18.00	± 2 mm
SM127 C	533,4	21.00	533,4	21.00	± 2 mm
SM127 C	609,6	24.00	609,6	24.00	± 2 mm
SM127 C	685,8	27.00	685,8	27.00	± 2 mm
SM127 C	762,0	30.00	762,0	30.00	± 2 mm
SM127 C	838,2	33.00	838,2	33.00	± 3 mm
SM127 C	914,4	36.00	914,4	36.00	± 3 mm
SM127 C	990,6	39.00	990,6	39.00	± 3 mm
SM127 C	1066,8	32.00	1066,8	32.00	± 3 mm
SM127 C	1143,0	45.00	1143,0	45.00	± 3 mm
SM127 C	1219,2	48.00	1219,2	48.00	± 4 mm
SM127 C	1295,4	51.00	1295,4	51.00	± 4 mm



- Standard belt increments 76,2 mm.
- Non-standard belt increments 12,7 mm.
- Please contact with customer service for precise belt measurements.



# SM127 FG

## Modular Belt Series

- **Bakery Applications**

Divider, Oven Infeed-Outfeed, Cooling Lines, Coating-Glazing Lines, Freezing Lines, Metal Detector, Spiral Infeed-Outfeed, Conditioning Lines

- **Meat and Poultry Applications**

Transfer - Crossover Conveyance, Shrink Wrapping and Metal Detectors, Freezing Lines

- **Seafood Applications**

Control Table, Glazing and Metal Detector

- **Beverage Applications**

Can, Glass and PET Palletizing-Depalletizing,

- **Fruits and Vegetables Applications**

Sterilization Conveyance, Draining and Metal Detector

- **Can, Glass and PET Manufacturing Applications**

Washer infeed, accumulation tables and palletizing-depalletizing

- **Printing and Paper Applications**

Printing Machine Outfeed, Stacker Outfeed, Wrapping Machine Outfeed, Book Binding

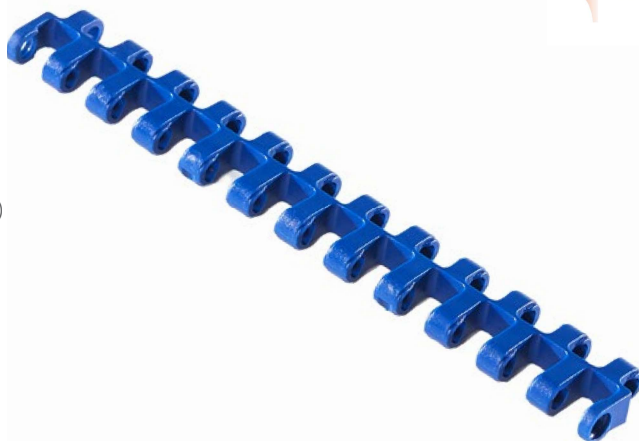
- **Corrugated Applications**

Down Stackers, Stock Handling-Buffer, Transfer Cart, Strap Feed, Casemaker Feeder



# SM127 FG

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Open, Smooth Surface
Minimum Width:	152,4 mm / <b>6.00 inch</b>
Open Area (%):	22%. ( Biggest opening 3,6 x 8,1 mm )
Flight:	No
Sidewall:	No
Rod:	Ø4,4 mm / <b>0.173 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	7,6 mm / <b>0.3 inch</b>



## Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.

## Available Moulded Module Sizes

- 152,4 mm / **6.00 inch** module

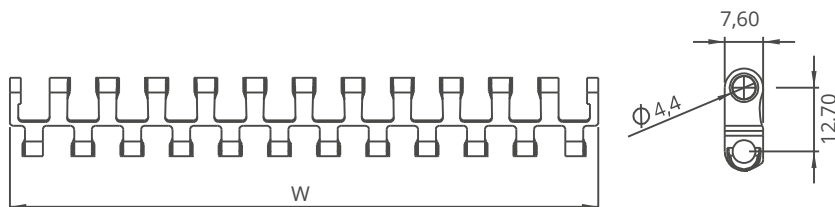
## SM127 FG / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	12845	880	-	-	+5 / +41	+90 / +194	4,2 / 0.86
Polyethylene	7705	528	-	-	-73 / -99.4	+66 / +150.8	4,4 / 0.91
Acetal	22475	1540	-	-	-43 / -45.4	+110 / +230	6,1 / 1.25

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

## SM127 FG / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	inch	mm	inch	
SM127 FG	152,4	6.00	152,4	6.00	± 1 mm
SM127 FG	228,6	9.00	228,6	9.00	± 1 mm
SM127 FG	304,8	12.00	304,8	12.00	± 2 mm
SM127 FG	381,0	15.00	381,0	15.00	± 2 mm
SM127 FG	457,2	18.00	457,2	18.00	± 2 mm
SM127 FG	533,4	21.00	533,4	21.00	± 2 mm
SM127 FG	609,6	24.00	609,6	24.00	± 2 mm
SM127 FG	685,8	27.00	685,8	27.00	± 2 mm
SM127 FG	762,0	30.00	762,0	30.00	± 2 mm
SM127 FG	838,2	33.00	838,2	33.00	± 3 mm
SM127 FG	914,4	36.00	914,4	36.00	± 3 mm
SM127 FG	990,6	39.00	990,6	39.00	± 3 mm
SM127 FG	1066,8	32.00	1066,8	32.00	± 3 mm
SM127 FG	1143,0	45.00	1143,0	45.00	± 3 mm
SM127 FG	1219,2	48.00	1219,2	48.00	± 4 mm
SM127 FG	1295,4	51.00	1295,4	51.00	± 4 mm



- Standard belt increments 76,2 mm.
- Non-standard belt increments 12,7 mm.
- Please contact with customer service for precise belt measurements.



# SM127 CRV

## **Modular Belt Series**

### **• Bakery Applications**

Divider, Oven Infeed-Outfeed, Cooling Lines, Coating-Glazing Lines, Freezing Lines, Metal Detector, Spiral Infeed-Outfeed, Conditioning Lines

### **• Meat and Poultry Applications**

Transfer - Crossover Conveyance, Shrink Wrapping and Metal Detectors, Freezing Lines

### **• Seafood Applications**

Control Table, Glazing and Metal Detector

### **• Snack Food Applications**

Cooling Lines

### **• Fruits and Vegetables Applications**

Sterilization Conveyance, Draining and Metal Detector

### **• Packing Applications**

Check Weighs, Filling, Metal Detector, Palletizing-Depalletizing, Box Transport Horizontal



# SM127 CRV

Pitch:	12,7 mm / <b>0.5 inch</b>
Belt Surface:	Open, Curve Top Surface
Minimum Width:	152,4 mm / <b>6.00 inch</b>
Open Area (%):	22%. ( Biggest opening 3,6 x 8,1 mm )
Flight:	No
Sidewall:	No
Rod:	Ø4,4 mm / <b>0.173 inch</b> - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	8,6 mm / <b>0.338 inch</b>



## Product Features and Functional Benefits

- Curved top decreases contact area to reduce cooling and freezing time.
- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.

## Available Moulded Module Sizes

- 152,4 mm / **6.00 inch** module

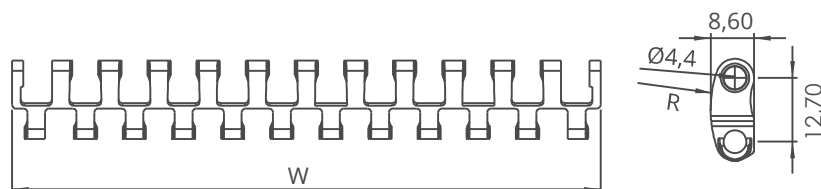
## SM127 CRV / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C/°F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
Polypropylene	12845	<b>880</b>	-	-	+5 / <b>+41</b>	+90 / <b>+194</b>	4,4 / <b>0.91</b>
Polyethylene	-	-	-	-	-	-	-
Acetal	22475	<b>1540</b>	-	-	-43 / <b>-45.4</b>	+110 / <b>+230</b>	6,3 / <b>1.30</b>

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

## SM127 CRV / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	inch	mm	inch	
SM127 CRV	152,4	6.00	152,4	6.00	± 1 mm
SM127 CRV	228,6	9.00	228,6	9.00	± 1 mm
SM127 CRV	304,8	12.00	304,8	12.00	± 2 mm
SM127 CRV	381,0	15.00	381,0	15.00	± 2 mm
SM127 CRV	457,2	18.00	457,2	18.00	± 2 mm
SM127 CRV	533,4	21.00	533,4	21.00	± 2 mm
SM127 CRV	609,6	24.00	609,6	24.00	± 2 mm
SM127 CRV	685,8	27.00	685,8	27.00	± 2 mm
SM127 CRV	762,0	30.00	762,0	30.00	± 2 mm
SM127 CRV	838,2	33.00	838,2	33.00	± 3 mm
SM127 CRV	914,4	36.00	914,4	36.00	± 3 mm
SM127 CRV	990,6	39.00	990,6	39.00	± 3 mm
SM127 CRV	1066,8	32.00	1066,8	32.00	± 3 mm
SM127 CRV	1143,0	45.00	1143,0	45.00	± 3 mm
SM127 CRV	1219,2	48.00	1219,2	48.00	± 4 mm
SM127 CRV	1295,4	51.00	1295,4	51.00	± 4 mm

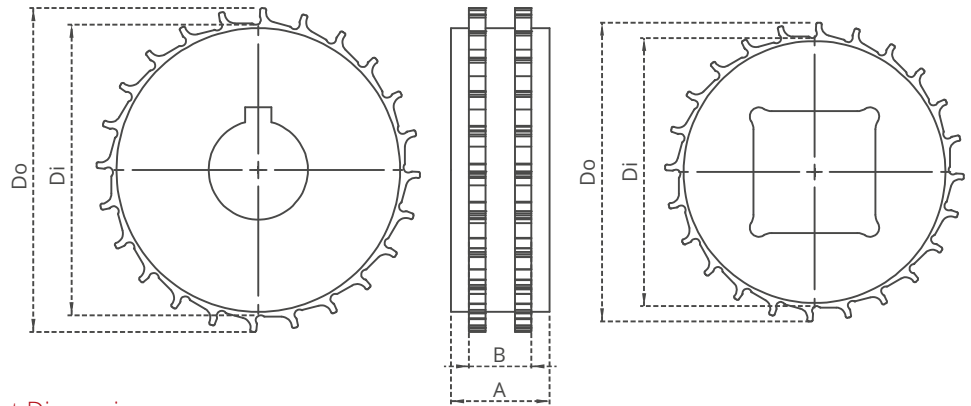


- Standard belt increments 76,2 mm.
- Non-standard belt increments 12,7 mm.
- Please contact with customer service for precise belt measurements.

# SM127 Series Sprockets and Technical Specifications



Z23



## SM127 Series / Machined Sprocket 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)
Z15	51,8 / <b>2.03</b>	61,9 / <b>2.44</b>	19 / <b>0.75</b>	30 / <b>1.18</b>	25 / <b>1</b>	25-30 / <b>1-1.25</b>	SM127SQZ15*POM	SM127SRZ15*POM
Z19	68,1 / <b>2.68</b>	78,2 / <b>3.08</b>	19 / <b>0.75</b>	30 / <b>1.18</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	SM127SQZ19*POM	SM127SRZ19*POM
Z24	88,4 / <b>3.48</b>	98,5 / <b>3.88</b>	19 / <b>0.75</b>	30 / <b>1.18</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	SM127SQZ24*POM	SM127SRZ24*POM
Z28	104,7 / <b>4.12</b>	114,7 / <b>4.52</b>	19 / <b>0.75</b>	30 / <b>1.18</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	SM127SQZ28*POM	SM127SRZ28*POM
Z36	137,1 / <b>5.39</b>	147,1 / <b>5.79</b>	19 / <b>0.75</b>	30 / <b>1.18</b>	25-40 / <b>1-1.5</b>	25-30 / <b>1-1.25</b>	SM127SQZ36*POM	SM127SRZ36*POM

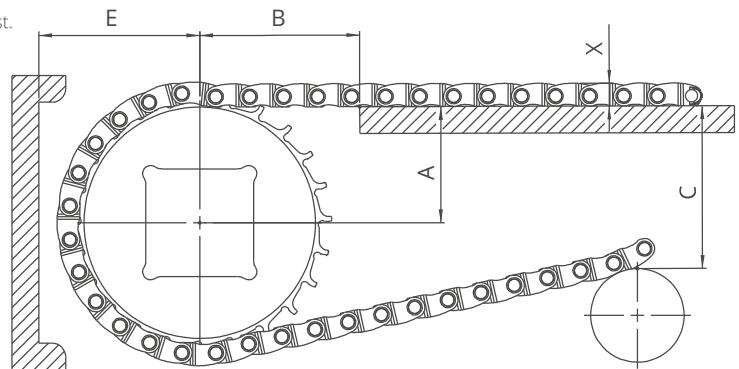
\*All required sprockets produced by CNC.

\*Other sprockets and hub sizes are manufactured up to request.

\*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

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

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

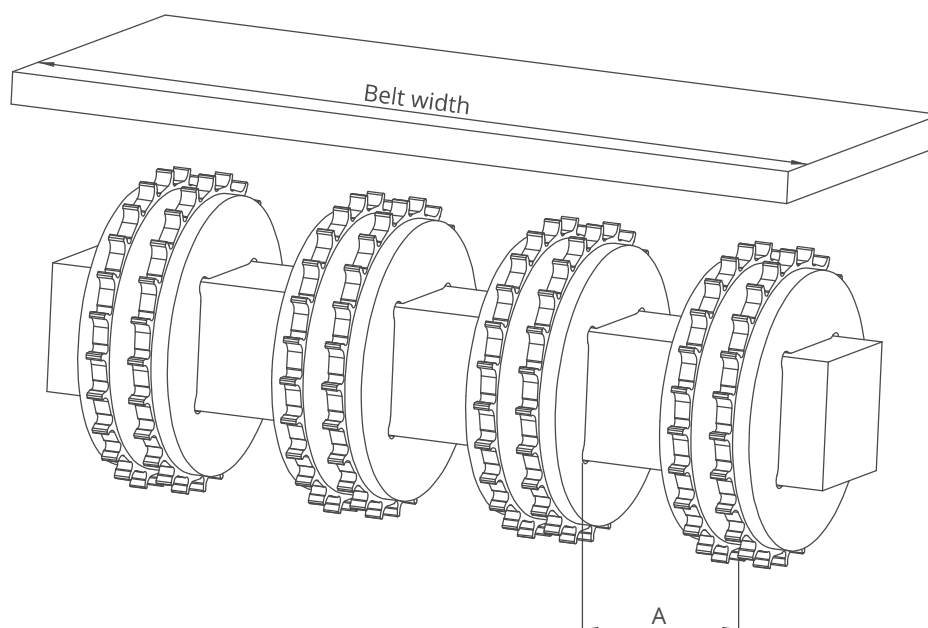


## SM127 Series / Conveyor Frame Dimensions

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								
SM127 C, SM127 FG												
2.30	58,3	15	1.10	27,9	1.19	30.2	1.89	48.1	1.49	37,9	0.30	7,6
2.99	75,9	19	1.39	35,3	1.54	39.0	2.58	65.5	1.84	46,7	0.30	7,6
3.85	97,8	24	1.76	44,6	1.96	49.9	3.41	86.5	2.27	57,7	0.30	7,6
4.54	115,4	28	2.05	52,1	2.31	58.7	4.06	103.2	2.62	66,5	0.30	7,6
5.93	150,5	36	2.63	66,9	3.00	76.2	5.48	139.1	3.31	84,1	0.30	7,6
SM127 CRV												
2.30	58,3	15	1.10	27,9	1.19	30.2	1.93	49.1	1.53	38,9	0.34	8,6
2.99	75,9	19	1.39	35,3	1.54	39.0	2.62	66.5	1.88	47,7	0.34	8,6
3.85	97,8	24	1.76	44,6	1.96	49.9	3.44	87.5	2.31	58,7	0.34	8,6
4.54	115,4	28	2.05	52,1	2.31	58.7	4.10	104.2	2.66	67,5	0.34	8,6
5.93	150,5	36	2.63	66,9	3.00	76.2	5.52	140.1	3.35	85,1	0.34	8,6



# SM127 Series *Engineering Information*



## SM127 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
152,4	6.0	2	2	60/2.36	170/6.6
228,6	9.0	2	2	60/2.36	170/6.6
304,8	12.0	3	2	60/2.36	170/6.6
381,0	15.0	4	3	60/2.36	170/6.6
457,2	18.0	5	3	60/2.36	170/6.6
533,4	21.0	5	3	60/2.36	170/6.6
609,6	24.0	6	3	60/2.36	170/6.6
685,8	27.0	6	4	60/2.36	170/6.6
762,0	30.0	7	4	60/2.36	170/6.6
838,2	33.0	7	4	60/2.36	170/6.6
914,4	36.0	8	4	60/2.36	170/6.6
990,6	39.0	8	5	60/2.36	170/6.6
1066,8	42.0	9	5	60/2.36	170/6.6
1143,0	45.0	9	5	60/2.36	170/6.6
1219,2	48.0	10	5	60/2.36	170/6.6
1295,4	51.0	10	6	60/2.36	170/6.6
1371,6	54.0	11	7	60/2.36	170/6.6
1447,8	57.0	11	7	60/2.36	170/6.6
1524,0	60.0	12	7	60/2.36	170/6.6
1600,2	63.0	12	8	60/2.36	170/6.6
1676,4	66.0	12	8	60/2.36	170/6.6
1752,6	69.0	13	8	60/2.36	170/6.6
1828,8	72.0	14	9	60/2.36	170/6.6
1905,0	75.0	14	9	60/2.36	170/6.6
1981,2	78.0	15	10	60/2.36	170/6.6
2057,4	81.0	15	10	60/2.36	170/6.6

Note: Number of sprockets depends on the belt load.