



HC127 C

Modular Belt Series

- **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**

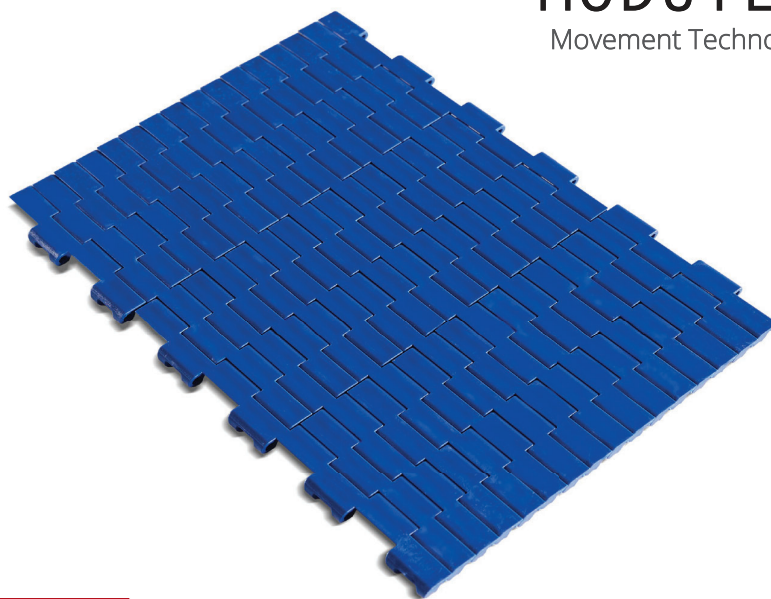
Inspection Tables, Grading Lines, Trim Lines

- **Fruits and Vegetables Applications**

Bulk Feeding, Elevator, Control - Sorting Table

HC127 C

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

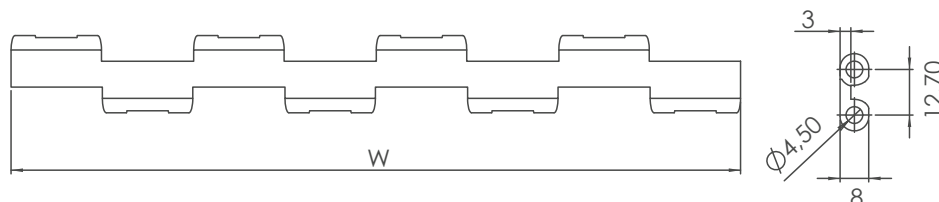


HC127 C Technical Information

Belt Material		POM
Pin Material		POM
Belt Strength	N/m lb/ft	4700 - 322
Temperature	°C °F	-40 / +93 -40 / +200
Belt Weight	kg/m² lb/sqft²	5.7 / 1.17

Diameter of idling rollers (min.)		Diameter of support rollers (min.)		Diameter for gravity take up center drive rollers (min.)		Backbending radius for elevators without side guards or hold down devices (min.)		Backbending radius for elevators with side guards or hold down devices (min.)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
18	0.70	50	2	75	3	-	-	-	-

Belt Width mm	254,00	304,80	355,60	406,40	457,20	508,00	558,80	609,60	660,40	711,20	762,00	812,80	863,60	914,40	965,20	1016,00	1066,80
Belt Width inch	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00
Belt Width mm	1117,60	1168,40	1219,20	1270,00													
Belt Width inch	44.00	46.00	48.00	50.00													



Product Features and Functional Benefits

- High clean product design
- Special hinges prevent bacterial growth.

Important Notes

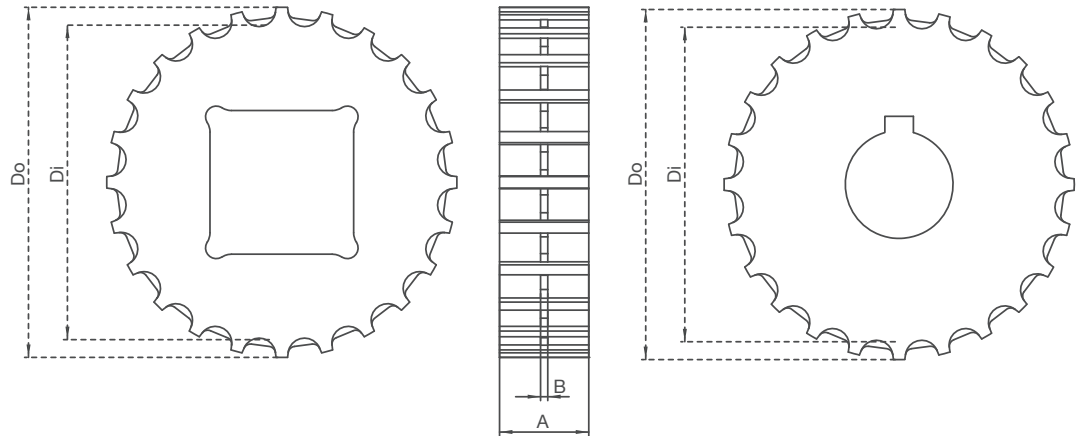
- Standard belt increments 101,6 mm.
- Non-standard belt increments 50,8 mm.
- Special raw materials and additional colors available.
- Please contact with customer service for precise belt measurements.
- Physical belt widths are generally 0.1% to 0.3% smaller.

HC127 Series

Engineering Information



Z36



HC127 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 / 2.04	61,4 / 2.42	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ15*POM	HC127SRZ15*POM
Z16	55,9 / 2.20	65,5 / 2.58	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ16*POM	HC127SRZ16*POM
Z17	59,9 / 2.36	69,5 / 2.74	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ17*POM	HC127SRZ17*POM
Z18	63,9 / 2.52	73,6 / 2.90	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ18*POM	HC127SRZ18*POM
Z19	68,0 / 2.68	77,7 / 3.06	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ19*POM	HC127SRZ19*POM
Z24	88,1 / 3.47	98,1 / 3.86	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ24*POM	HC127SRZ24*POM
Z36	136,5 / 5.37	146,8 / 5.78	2 / 0.08	25 / 0.98	40	1.5	25-30	1-1.25	HC127SQZ36*POM	HC127SRZ36*POM

*All required sprockets produced by CNC.

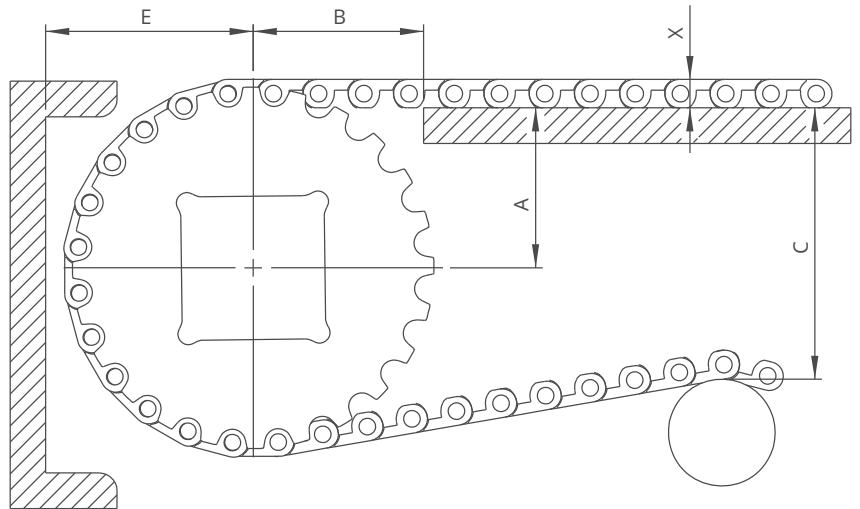
*Other sprockets and hub sizes are manufactured up to request.

*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.)

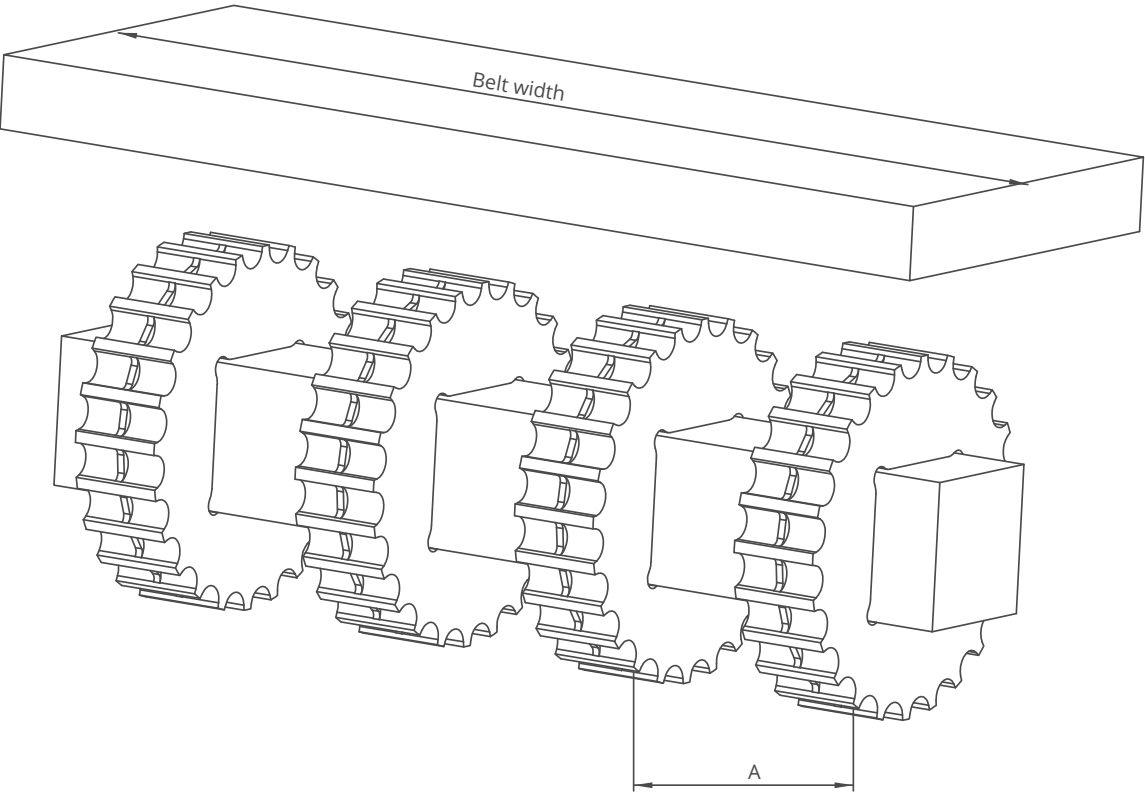


HC127 Serie / Conveyor Frame Dimensions

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, HC127 BLB												
2.40	61,1	15	1.06	26,8	1.24	31,5	1.36	34,5	1.52	38,5	0.31	8,0
2.56	65,1	16	1.13	28,8	1.32	33,5	1.51	38,3	1.60	40,6	0.31	8,0
2.72	69,1	17	1.21	30,8	1.40	35,5	1.66	42,2	1.68	42,7	0.31	8,0
2.87	73,1	18	1.29	32,8	1.48	37,5	1.83	46,5	1.76	44,6	0.31	8,0
3.03	77,2	19	1.37	34,8	1.56	39,5	1.94	49,4	1.84	46,7	0.31	8,0
3.83	97,3	24	1.77	44,9	1.95	49,5	2.75	69,8	2.24	56,9	0.31	8,0
5.73	145,7	36	2.74	69,5	2.93	74,5	4.69	119	3.21	81,5	0.31	8,0

HC127 Series

Engineering Information



HC127 Serie / Sprockets Arrangement

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