FabLink®-EC50.8.FG

Bakery Applications

Oven Infeed/Outfeed, Cooling Lines, Coating Lines, Glazing Lines, Freezing Lines, Conditioning Lines

Sea Food Applications

Breading Machines, Draining Lines

Snack Food Applications

Proofer Lines, Boiler Infeed, Oven Infeed / Outfeed, Cooling Lines

Fruits and Vegetables Applications

Prewashing / Rinsing, Draining

Tire Manufacturing Applications

Mixer Infeed / Outfeed, Extrusion Shower Lines, Cooling Incline, Cooling Decline, Cooling Horizontal

FabLink®EC50.8.FG

Pitch	50.8 mm / 2 inch
Belt surface	Open, Smooth Surface
Minimum width	200 mm / 7.87 inch
Open Area (%)	35% (Biggest opening 9x 12 mm)
Cleat	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)
Pin	Ø 7 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

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 70%.

Available Moulded Module Sizes

200 mm / 7.87 inch module

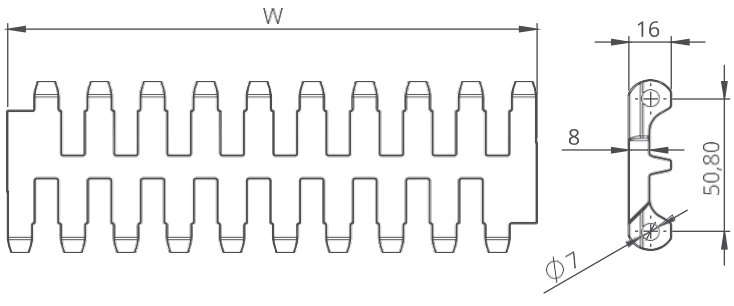
Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / ° F (min.)	°C / ° F (max.)	Kg/m² / lb/ft²
	N/mm	lb/ft	N/mm	lb/ft			
PP (Polypropylene)	17600	1205	-	-	+5 / +41	+90 / +194	7,5 / 1.54
PE (Polyethylene)	7700	528	-	-	-73 / -99	+66 / +150.8	8,0 / 1.65
Acetal	27500	1883	-	-	-43 / -45	+110 / +230	11,0 / 2.25

Belt strength and temperature values are maximum on the table

Standard Belt Widths

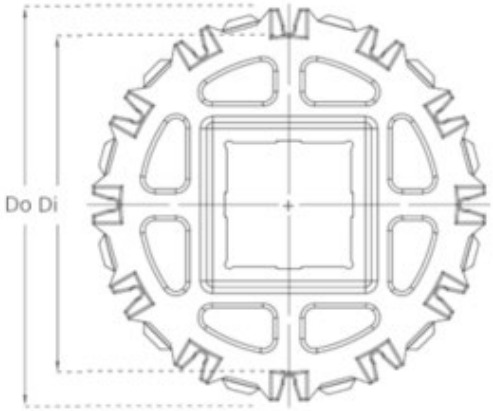
WIDTH (W)				BELT WIDTH TOLERANCE (max.)
PP-PE		POM		
mm	inch	mm	inch	
200,0	7.87	200,0	7.87	± 1 mm
300,0	11.81	300,0	11.81	± 2 mm
400,0	15.75	400,0	15.75	± 2 mm
500,0	19.69	500,0	19.69	± 2 mm
600,0	23.62	600,0	23.62	± 3 mm
700,0	27.56	700,0	27.56	± 3 mm
800,0	31.50	800,0	31.50	± 3 mm
900,0	35.43	900,0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

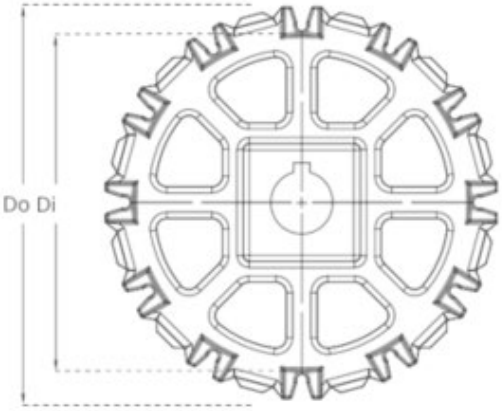


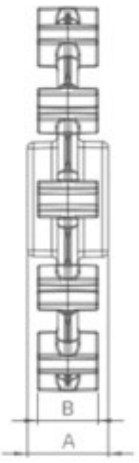
- Standard belt increments 100 mm
- Non-standard belt increments 20mm

Please contact with customer service for precise belt measurements

Sprockets and Techincal Specifications







Standard Sprocket Dimensions

NUMBER OF 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	FL-EC-508SQZ6	FL-EC-508SRZ6
Z8	107,5 / 4.23	124,5 / 4.90	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	FL-EC-508SQZ8	FL-EC-508SRZ8
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	FL-EC-508SQZ10	FL-EC-508SRZ10
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	FL-EC-508SQZ12	FL-EC-508SRZ12

- ✶ Other sprockets and hub sizes are manufactured upon request
- ✶ POM (Acetal) and PP (Polypropylene) sprockets are available upon request

***Machined Split Sprockets are avaliable for each size**

Clamp

Machines Split Sprocket

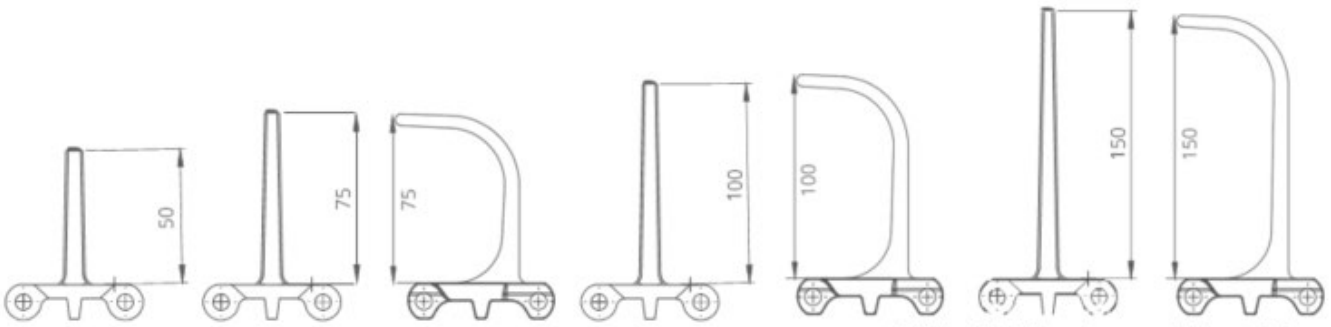
Moulded Sprocket

Machines Sprocket

Dutch QUALITY

Accessoiries and Technical Specifications

Cleats and sidewalls				
Product code	Cleat Height (mm / **inch**)	Cleat Width (mm / **inch**)	Product code	Sidewall Height (mm / **inch**)
FL-EC-508T25	25 / 1	200 / 7.87	FL-EC-508SW25	25 / 1
FL-EC-508T50	50 / 2	200 / 7.87	FL-EC-508SW50	50 / 2
FL-EC-508T75	75 / 3	200 / 7.87	FL-EC-508SW75	75 / 3
FL-EC-508T100	100 / 4	200 / 7.87	FL-EC-508SW100	100 / 4
FL-EC-508T150	150 / 6	200 / 7.87	-	-
FL-EC-508TC75	75 / 3	200 / 7.87	-	-
FL-EC-508TC100	100 / 4	200 / 7.87	-	-
FL-EC-508TC150	150 / 6	200 / 7.87	-	-
FL-EC-508TCC75	75 / 3	200 / 7.87	-	-
FL-EC-508TCC100	100 / 4	200 / 7.87	-	-
FL-EC-508TCC150	150 / 6	200 / 7.87	-	-
FL-EC-508TNC100	100 / 4	200 / 7.87	-	-
FL-EC-508TCH100	100 / 4	200 / 7.87	-	-
FL-EC-508TCCH100	100 / 4	200 / 7.87	-	-



* Additional flight dimensions are available up to 150 mm.

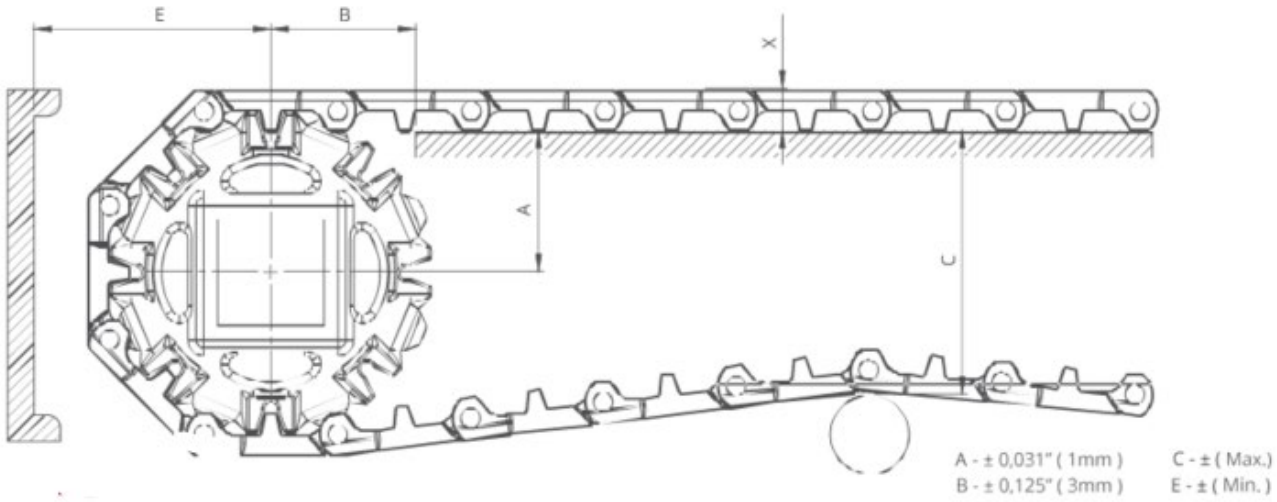
POSSIBLE SIDEWALL and Cleat Indents	X		Y	
	mm	inch	mm	inch
Standard, no module cutting	32,0	1.26	20,0	0.79
Module cutting necessary	42,0	1.65	30,0	1.18
Standard, no module cutting	52,0	2.05	40,0	1.57
Module cutting necessary	62,0	2.44	50,0	1.97
Standard no module cutting	72.0	2.83	60.0	2.36
Module cutting necessary	82,0	3.23	70,0	2.76

Note: Gap between Cleat and sidewall minimum 2-3 mm

POSSIBLE Cleats Indents	Z	
	mm	inch
Standard, no module cutting	40,0	1.57
Standard, no module cutting	60,0	2.36
Standard, module cutting	80,0	3.15
Standard, no module cutting	100,0	3.94

Non-standard cleat is upon request

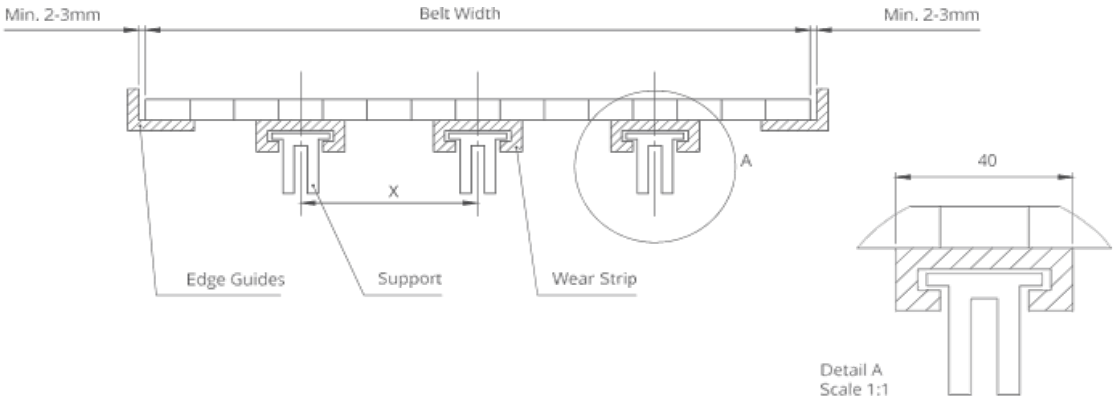
Engineering Information



Conveyor Frame Dimensions

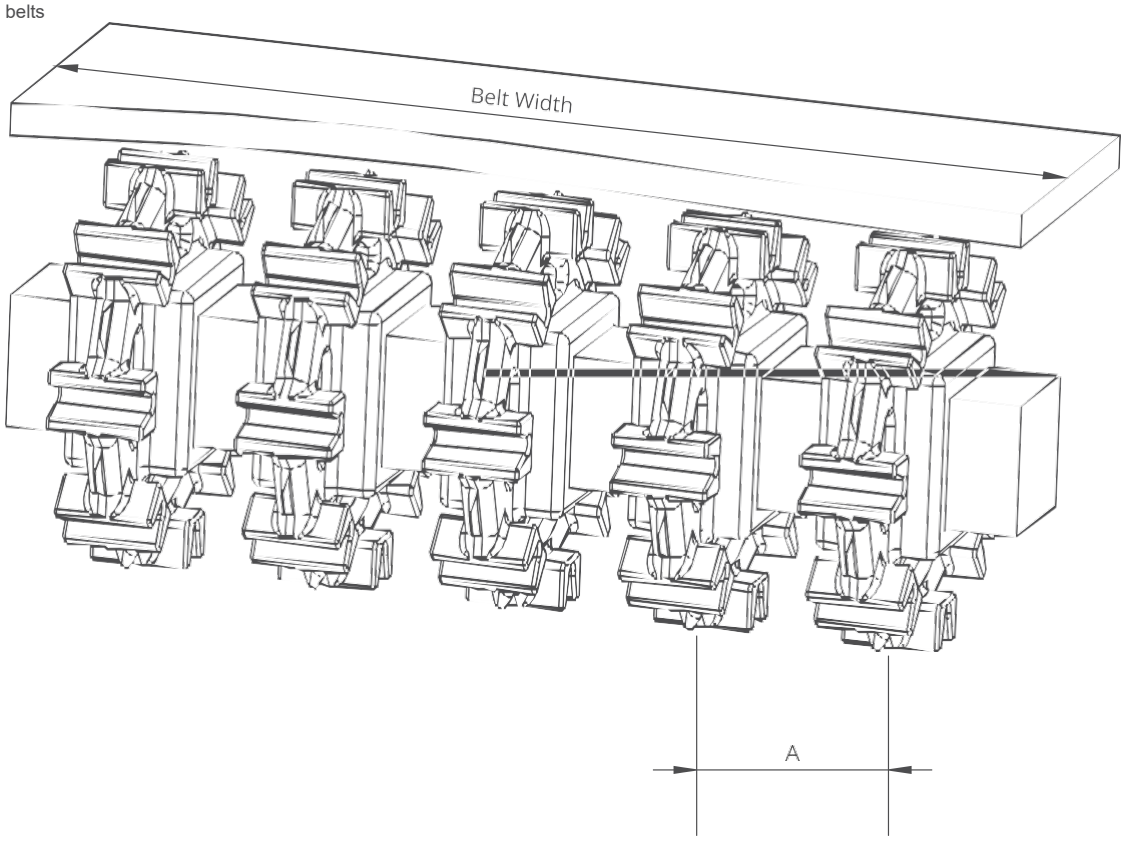
SPROCKETS DESCRIPTION			A		B		C		E		X	
Pitch Diameter		Number of teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm
inch	mm		inch	mm								
3.23	82,0	6	1.70	43,3	1.72	43,8	2.92	74,3	2.73	69,3	0.63	16,0
4.57	116,0	8	2.34	59,4	2.08	52,7	4.23	107,4	3.36	85,4	0.63	16,0
5.91	150,0	10	2.96	75,3	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
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
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

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



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