



## **FabLink®-EC50.8.PR%22**

### **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, Blanching

# FabLink® EC50.8.PR%22

Pitch	50.8 mm / 2 inch
Belt surface	Open, Smooth Surface
Minimum width	100 mm / 3.94 inch
Open Area (%)	22% (Biggest opening 3 x 12mm)
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

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  
 100 mm / 3.94 inch module  
 60 mm / 2.36 inch module  
 40 mm / 1.57 inch module

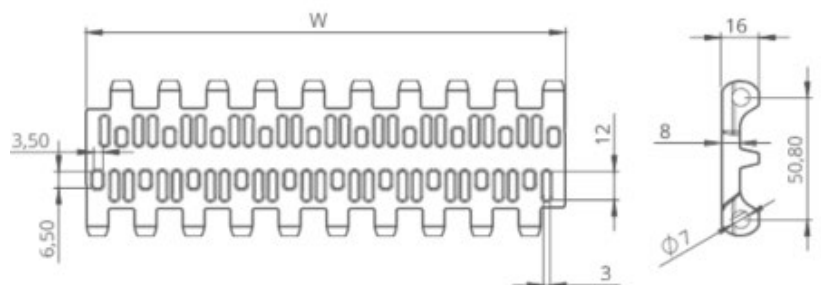
## Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT Kg/m <sup>2</sup> / lb/ft <sup>2</sup>
	Straight		Curve		°C / ° F (min.)	°C / ° F (max.)	
	N/mm	lb/ft	N/mm	lb/ft			
PP (Polypropylene)	19800	1356	-	-	+5 / +41	+90 / +194	7,5 / 1.54
PE (Polyethylene)	11000	753	-	-	-73 / -99	+66 / +150.8	7,8 / 1.59
Acetal	33000	2260	-	-	-43 / -45	+110 / +230	11,2 / 2.28

Belt strength and temperature values are maximum on the table

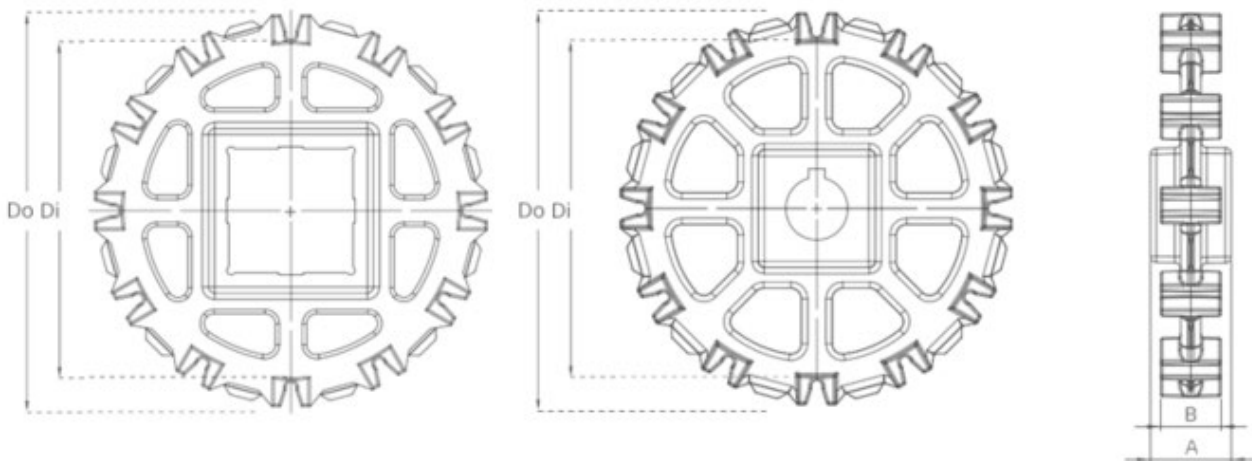
## Standard Belt Widths

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 Technical Specifications

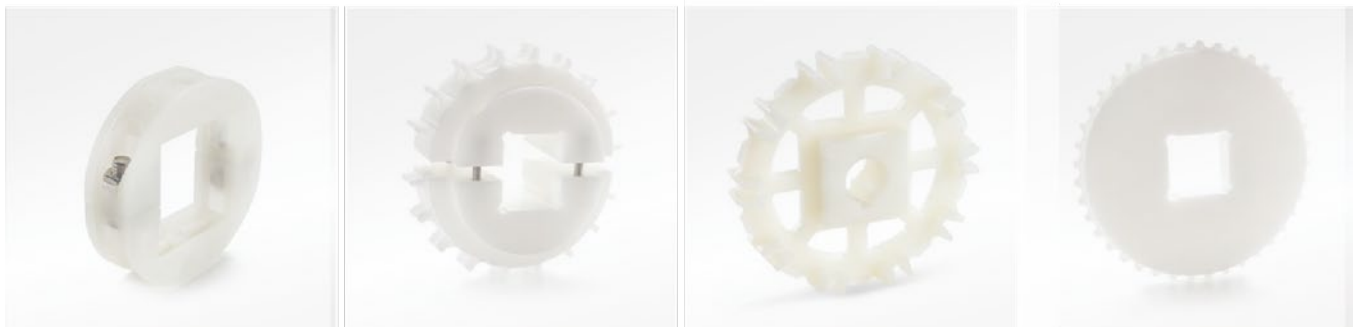


### Standard Sprocket Dimensions

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 available for each size



Clamp

Machined Split Sprocket

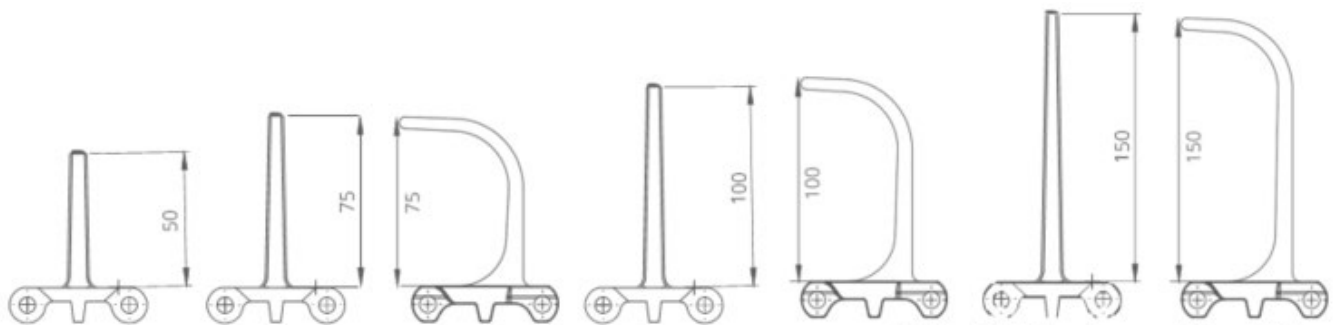
Moulded Sprocket

Machined Sprocket

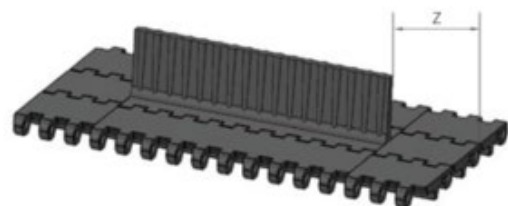
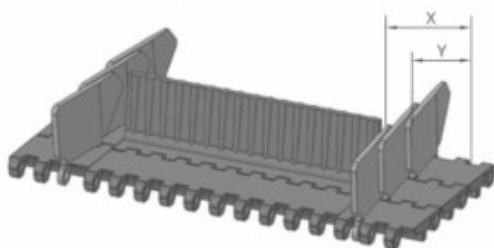
Accessories and Technical Specifications



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.



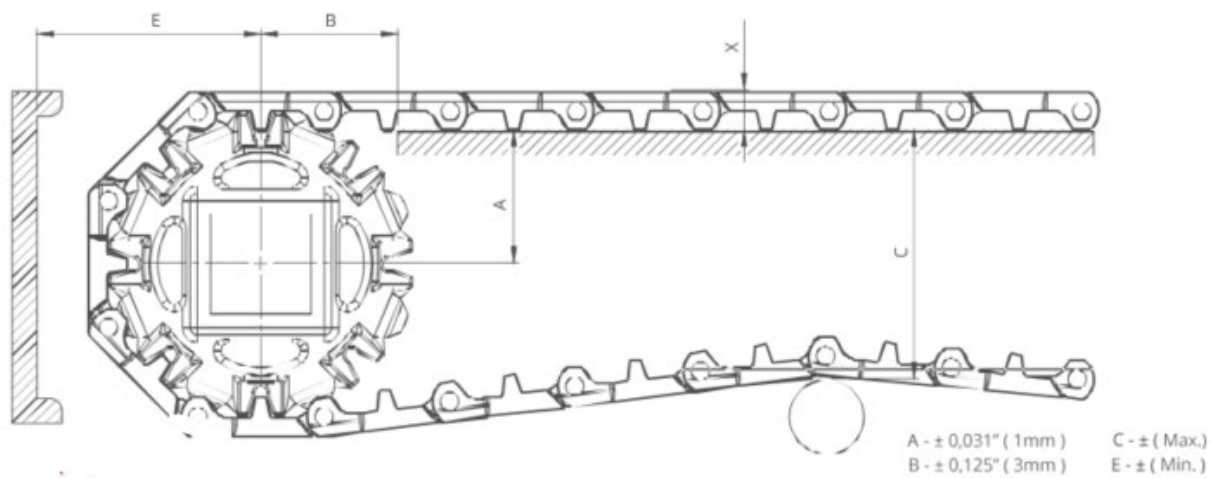
POSSIBLE SIDEWALL and Cleat Indents	X		Y	
	mm	inch	mm	inch
Standard, no module cutting	32,0	1.26	20,0	0.79
Module cutting necessary	42,0	1.65	30,0	1.18
Standard, no module cutting	52,0	2.05	40,0	1.57
Module cutting necessary	62,0	2.44	50,0	1.97
Standard no module cutting	72,0	2.83	60,0	2.36
Module cutting 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

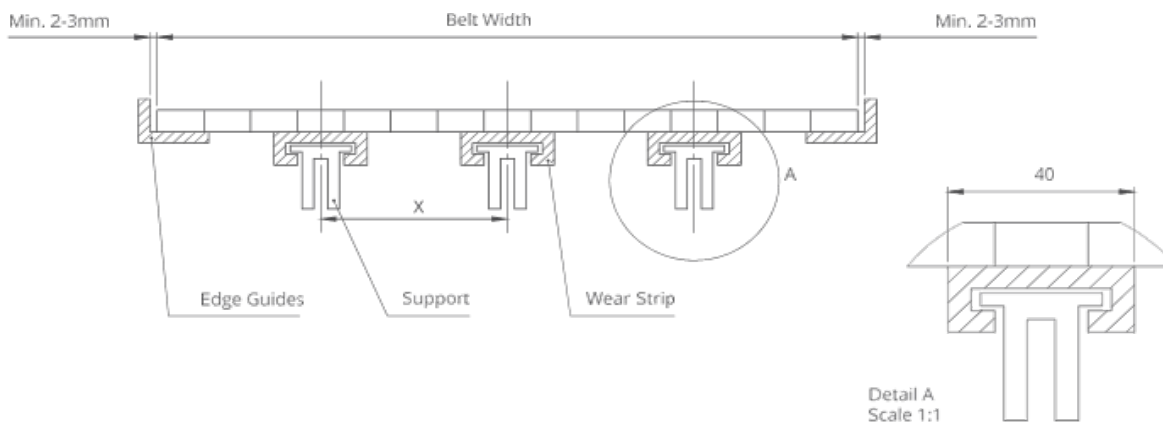
## Engineering Information



## Conveyor Frame Dimensions

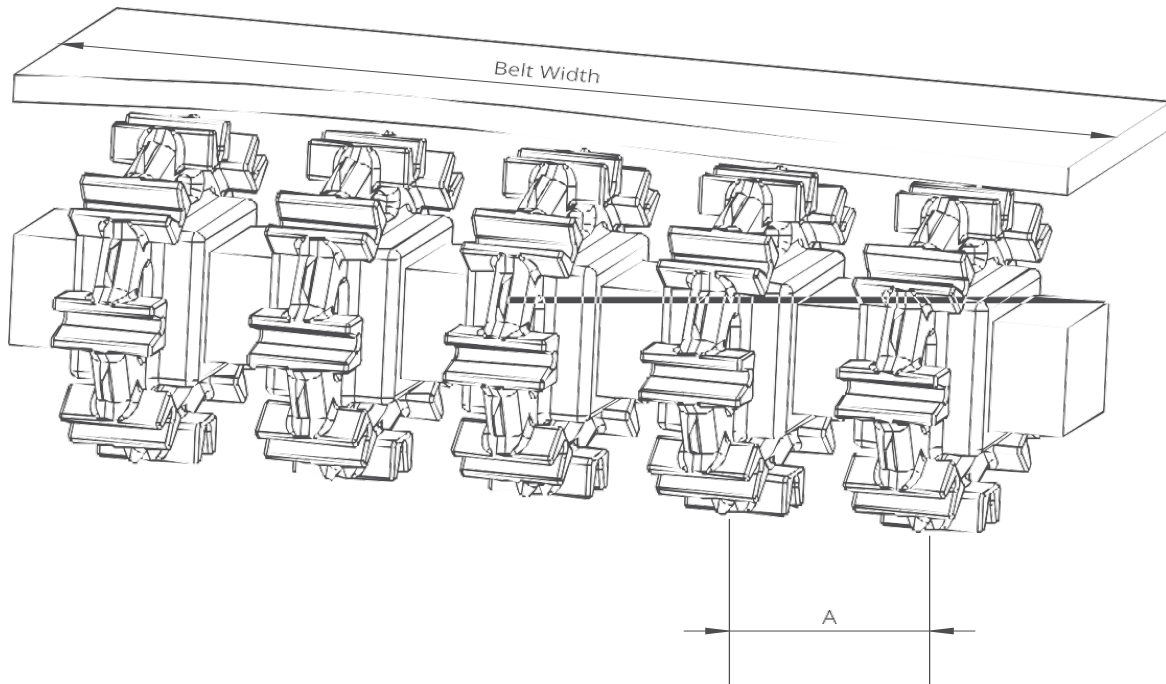
SPROCKETS DESCRIPTION			A		B		C		E		X	
Pitch Diameter		Number of teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	Mm	inch	mm
inch	mm		inch	Mm								
FabLink®EC50.8.C, FabLink®EC50.8.PR.%22, FabLink®EC50.8.PR.%13, FabLink®EC50.8.PR.%11, FabLink®EC50.8.FG												
3.23	82,0	6	1.70	43,3	1.72	43,8	2.92	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
FabLink®EC50.8.DT												
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
FabLink®EC50.8.NT, FabLink®EC50.8.FG.NT												
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

Note: Number of sprockets depends on the belt load.