



## **FabLink®-XP25.4.FG**

### **Seafood**

Breeding, Draining, Glazing, Elevating, Freezing

### **Snack Food**

Proofing, Boiling, Oven Infeed - Outfeed, Cooling

### **Fruits and Vegetables**

Prewashing - Rinsing, Draining, Blanching, Elevating

### **Packaging**

Filling, Accumulation Palletizing - Depalletizing, Box Transfer

### **Textile Applications**

Cutter, Dyeing

# FabLink®-XP25.4.FG

Pitch	25,4 mm / 1 inch
Belt surface	Open, Smooth surface
Minimum width	50 mm / 1,97 inch
Open Area (%)	28% (Biggest opening 8,44 x 9,44 mm)
Cleat	Yes (T25, T50, T75, T100)
Sidewall	Yes (h = 25 mm, h = 50 mm, h = 75 mm, h = 100mm)
Pin	Ø 4,5 mm / 0,177 inch
Approved	FDA and EU
Curve	No
Color	Additional colors available
Cleanability	Good
Belt thickness	8,8 mm / 0,346 inch



## Product Features and Functional Benefits

Unique sprocket engagement – precise indexing, easy cleaning  
 Different openings to optimize performance in cooling and draining applications.  
 Extra power, bi-directional belt for long conveyors.  
 Unique sprocket engagement reduces pulsation and increases load capacity.  
 Chamfered belt edges.

## Available Moulded Module Sizes

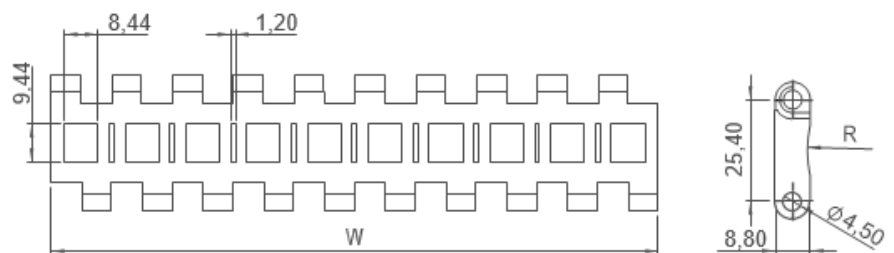
152,4 mm / 6 inch module  
 76,2 mm / 3 inch module

## Technical Information

BELT MATERIAL	TENSILE 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)	18400	1261	-	-	+5 / +41	+90 / +194	5,5 / 1,13
PE (Polyethylene)	9100	624	-	-	-73 / -99	+66 / +151	5,8 / 1,19
POM (Polyacetal)	32100	2200	-	-	-43 / -45	+110 / +230	7,9 / 1,62

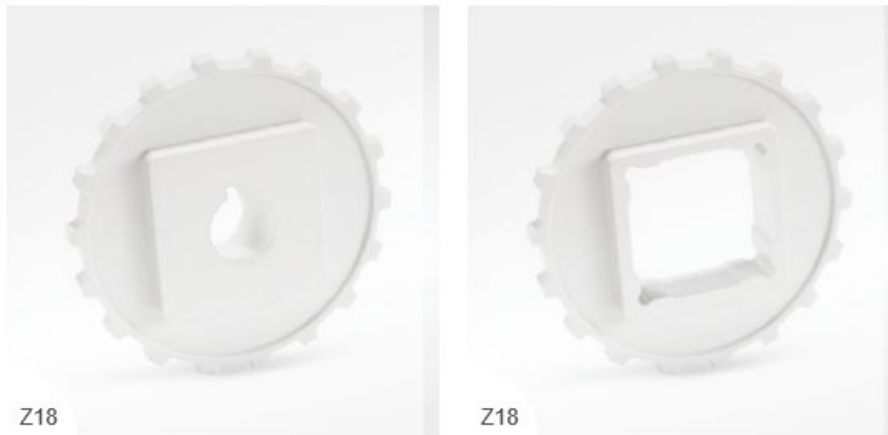
## Standard Belt Widths

WIDTH (W)				BELT WIDTH TOLERANCE (max.)
PP-PE		POM		
mm	inch	mm	inch	
152,4	6,0	152,4	6,0	± 0,5 mm
228,6	9,0	228,6	9,0	± 2 mm
304,8	12,0	304,8	12,0	± 2 mm
381,1	15,0	381,1	15,0	± 3 mm
457,2	18,0	457,2	18,0	± 3 mm
533,4	21,0	533,4	21,0	± 3 mm
609,6	24,0	609,6	24,0	± 3 mm
685,8	27,0	685,8	27,0	± 4 mm
762,0	30,0	762,0	30,0	± 4 mm
838,2	33,0	838,2	33,0	± 4 mm
914,4	36,0	914,4	36,0	± 4 mm
990,6	39,0	990,6	39,0	± 4 mm
1066,8	42,0	1066,8	42,0	± 4 mm
1143,0	45,0	1143,0	45,0	± 4 mm



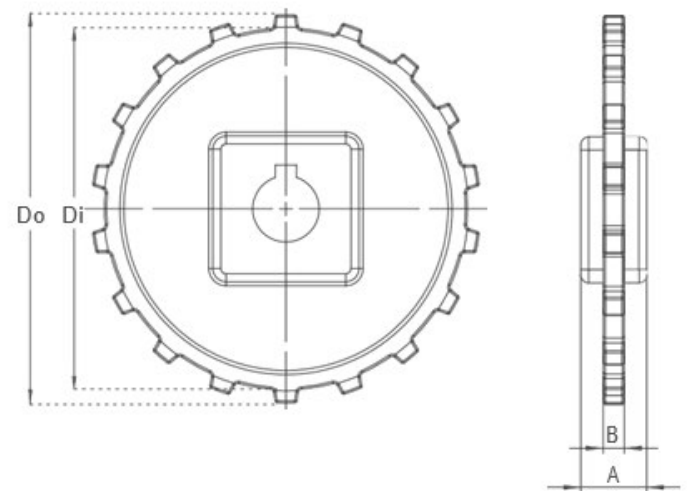
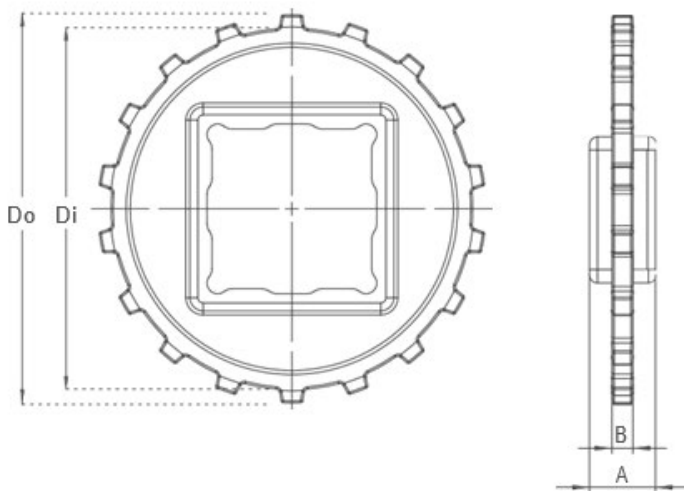
- Standard belt increments 76,2mm
  - Non-standard belt increments 15,2mm
- Please contact with customer service for precise belt measurements

## Sprockets and Technical Specifications



Z18

Z18



## 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)
Z8	53,2 / 2,09	64,0 / 2,52	8 / 0,31	25 / 1	25 / 1	25-30 / 1-1.25	FL-XP-25.4SQZ8	FL-XP-25.4SRZ8
Z10	71,6 / 2,82	82,5 / 3,25	8 / 0,31	25 / 1	40 / 1,5	25-30 / 1-1.25	FL-XP-25.4SQZ10	FL-XP-25.4SRZ10
Z12	89,0 / 3,50	99,5 / 3,92	8 / 0,31	25 / 1	40 / 1,5	25-30 / 1-1.25	FL-XP-25.4SQZ12	FL-XP-25.4SRZ12
Z15	114,0 / 4,49	124,0 / 4,88	8 / 0,31	25 / 1	40-60 / 1,5-2,5	25-30 / 1-1.25	FL-XP-25.4SQZ15	FL-XP-25.4SRZ15
Z18	136,4 / 5,37	146,4 / 5,76	8 / 0,31	25 / 1	40-60 / 1,5-2,5	25-30 / 1-1.25	FL-XP-25.4SQZ18	FL-XP-25.4SRZ18

- \* Other sprockets and hub sizes are manufactured upon request
- \* POM (Polyacetal) and PP (Polypropylene) sprockets are available upon request
- \* Machined split sprockets are available for each size



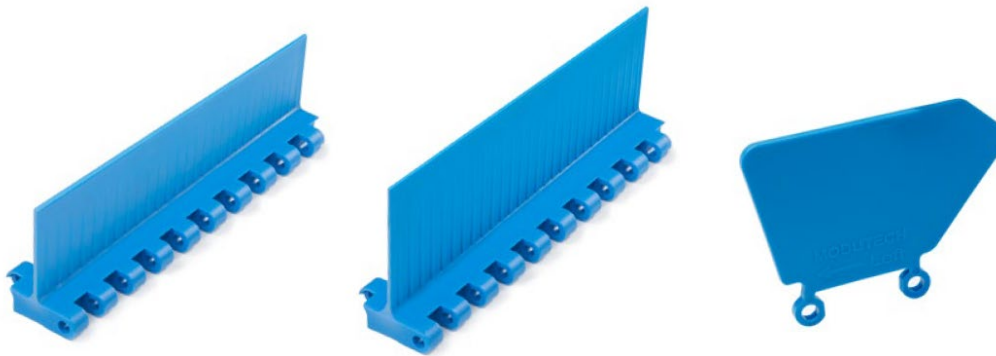
Clamp

Machines Split Sprocket

Moulded Sprocket

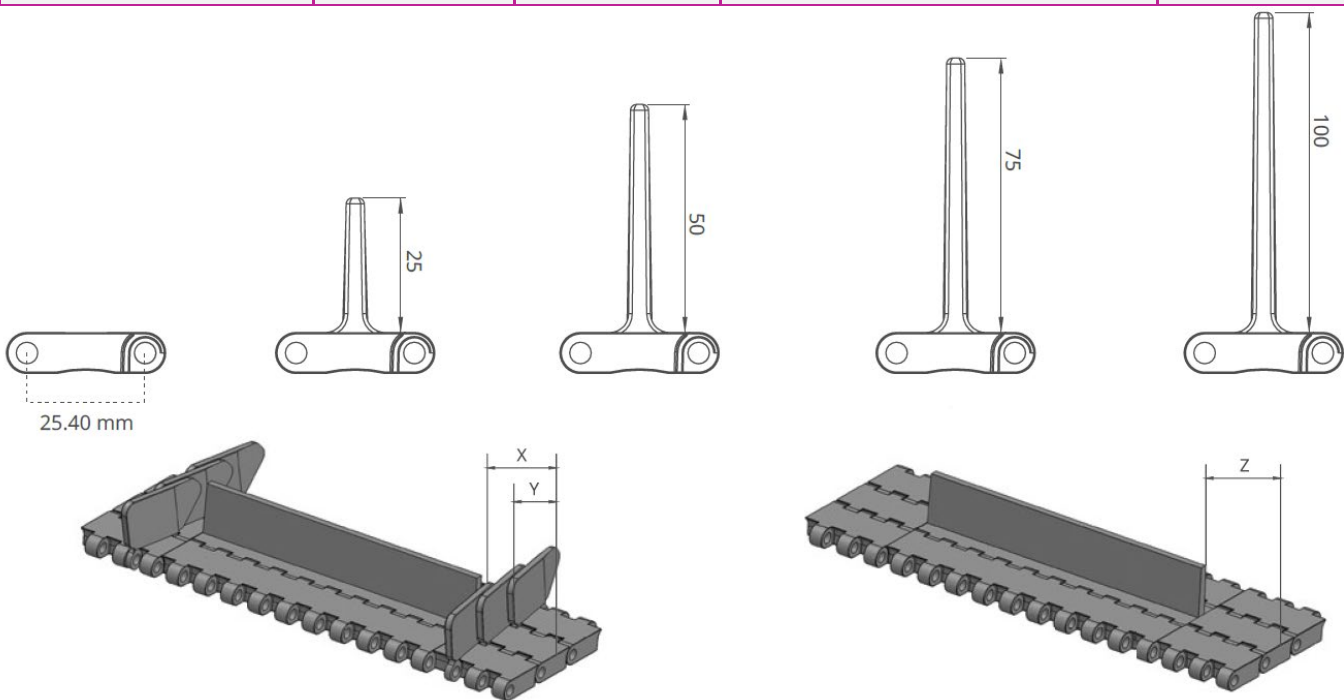
Machines Sprocket

## Accessories and Technical Specifications



### CLEATS AND SIDEWALLS

Product code	Cleat Height (mm / inch)	Cleat Width (mm / inch)	Product code	Sidewall Height (mm / inch)
FL-T25.XP25.4	25 / 1	152,4 / 6	FL-SW-25.XP25.4	25 / 1
FL-T50.XP25.4	50 / 2	152,4 / 6	FL-SW-50.XP25.4	50 / 2
FL-T75.XP25.4	75 / 3	152,4 / 6	FL-SW-75.XP25.4	75 / 3
FL-T100.XP25.4	100 / 4	152,4 / 6	FL-SW-100.XP25.4	100 / 4



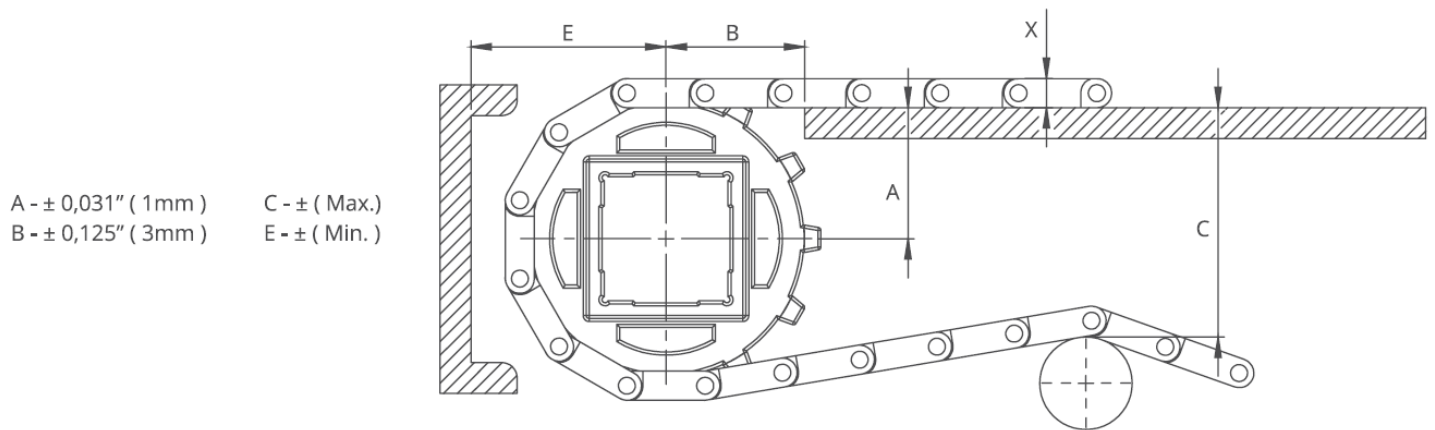
POSSIBLE SIDEWALL FREE ZONE	X		Y	
	mm	inch	mm	inch
Standard, no module cutting	24,0	0,94	15,0	0,59
Module cutting necessary	32,0	1,26	22,0	0,87
Standard, no module cutting	40,0	1,57	30,0	1,18
Module cutting necessary	48,0	1,89	37,0	1,46
Standard, no module cutting	56,0	2,20	45,0	1,77
Module cutting necessary	64,0	2,52	53,0	2,09

POSSIBLE CLEAT FREE ZONE	Z	
	mm	inch
Standard, module cutting	15,0	0,59
Standard, no module cutting	30,0	1,18
Standard, module cutting	45,0	1,77
Standard, module cutting	60,0	2,36
Standard, no module cutting	76,0	2,99

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

Non-standard cleat is upon request

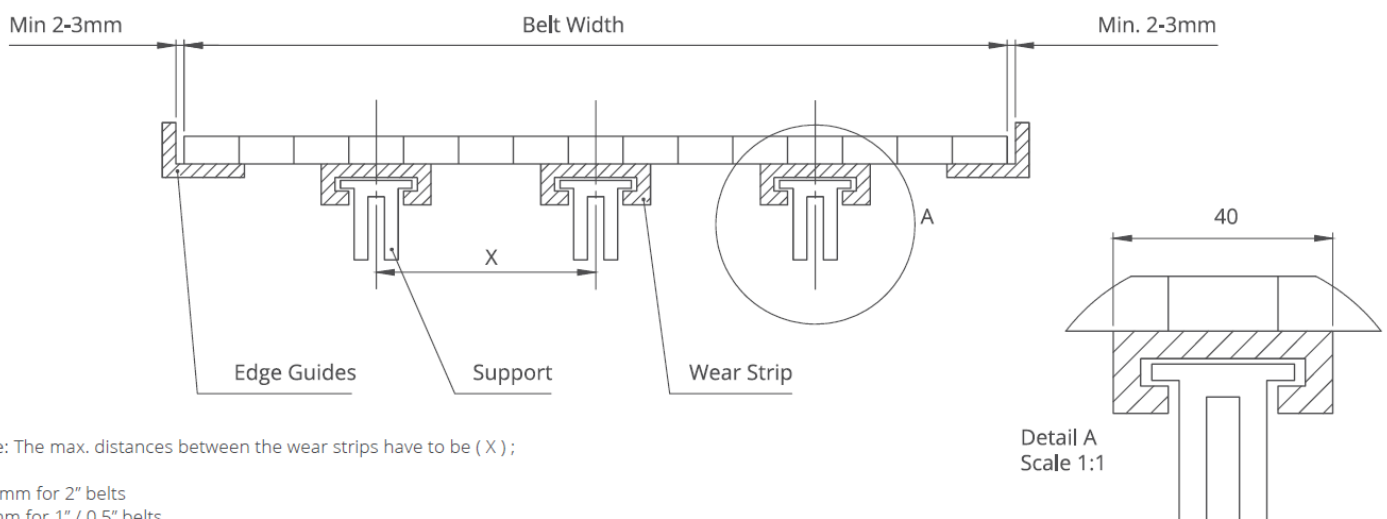
## Engineering Information



## Conveyor Frame Dimensions

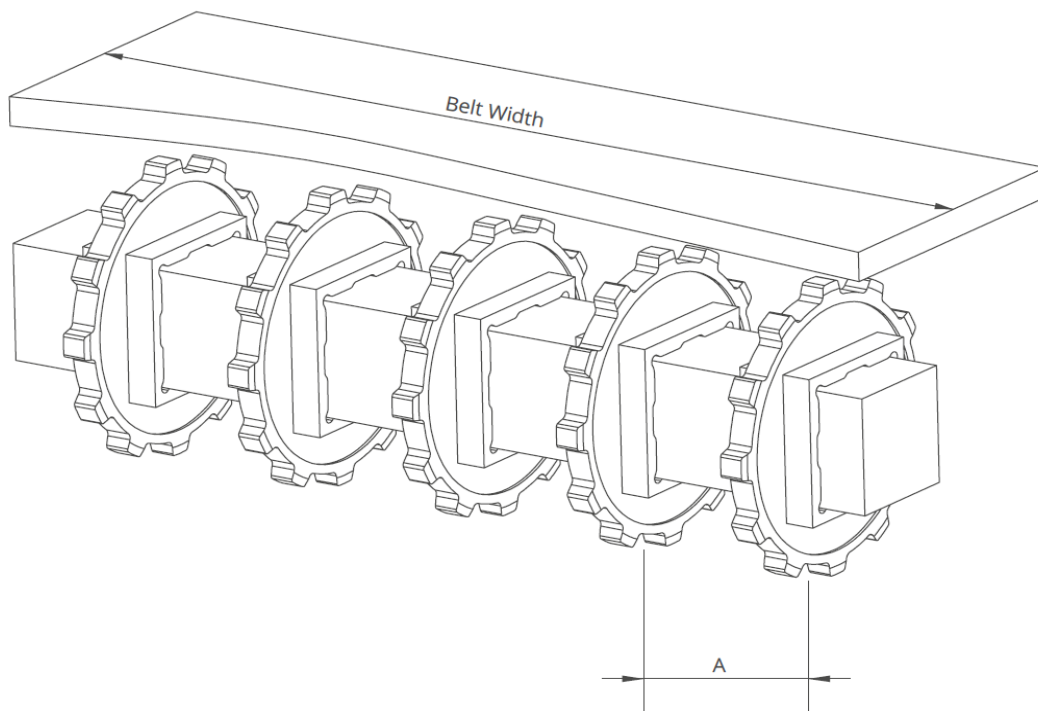
SPROCKETS DESCRIPTION		A		B		C		E		X		
Pitch Diameter	Number of teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm	
		inch	mm									
2.32	59,0	8	1,17	29,8	1,44	36,5	1,94	49,3	1,91	48,6	0.35	8,8
2,99	76,0	10	1,47	37,0	1,69	42,9	2,57	65,4	2,21	56,2	0.35	8,8
3,59	91,2	12	1,79	45,5	1,86	47,3	3,19	81,1	2,53	64,3	0.35	8,8
4,65	118,0	15	2,22	56,3	2,13	54,1	4,15	105,3	2,96	75,1	0.35	8,8
5,67	144,0	18	2,71	69,0	2,31	58,7	5,16	131,0	3,45	87,8	0.35	8,8

## 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.
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 belt load