

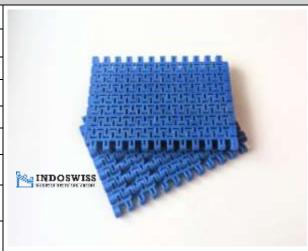
### **IS 12**

### STRAIGHT RUN MODULAR BELTS

- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

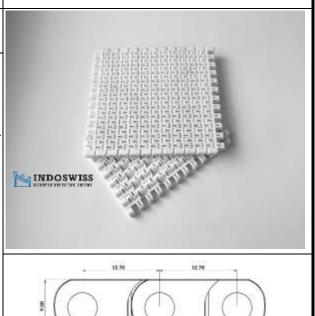
### **IS-12 MODULAR BELTS**

10 12 MOD CERT DEE		
	M-SNB/T-1400 Flu	ısh Grid
	mm	
Pitch	12.7	
Minimum Width	50	
Width Increments	12.5	
Belt Thickness	9	
Open Area	14%	
Color	Blue, Milky White, Grey	Mag INDOSV
Drive Method	Front; Center	1 - 1 soleuten 9
Rod Retention; Rod Type	Clip in lock; flat	



### **Product Notes**

- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 12 is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.
- Vertical Cleats are available.



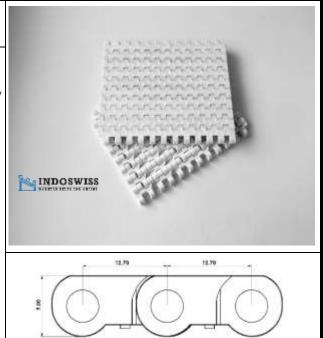
Belt Data			
Belt material	Standard rod material Ø5 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene	1300	+1 to 105
Polyethylene	Polypropylene	800	-46 to 66
Acetal	Polypropylene	1500	-46 to 66

	M-QNB/T-1400 F
	Mm
Pitch	12.7
Minimum Width	50
Width Increments	12.5
Belt Thickness	9
Open Area	0%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip in lock; flat
Droduct N	otos



#### **Product Notes**

- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS-12 is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.
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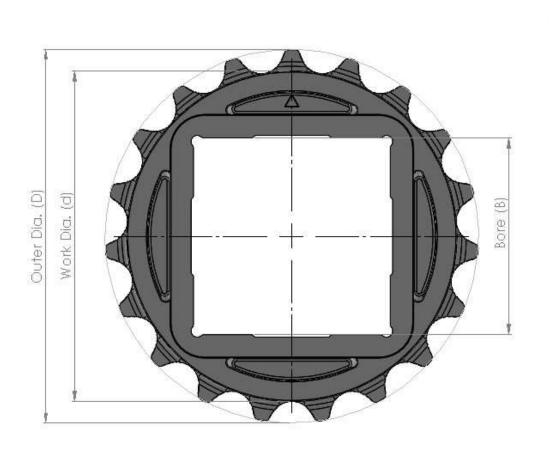


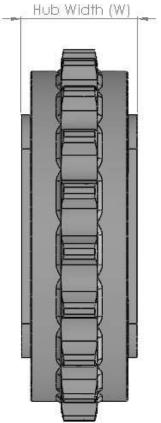
Belt Data			
Belt material	Standard rod material Ø5 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene	1300	+1 to 105
Polyethylene	Polypropylene	800	-46 to 66
Acetal	Polypropylene	1900	-46 to 66



# **IS 12**

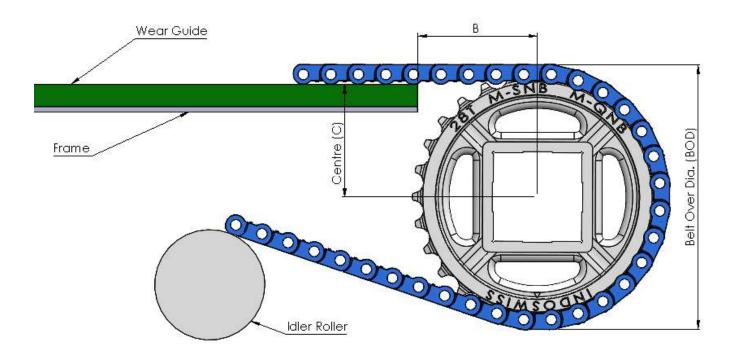
IS-12 Sprocket						
Description	Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Product
IS-12 T 10	T 10	40.2 mm	32 mm	24 mm	20 mm Round	Std. CNC Molded
IS-12 T 19	T19	77 mm	68 mm	24 mm	40 mm Square	Std. CNC Molded
IS-12 T 19	T 19	77 mm	68 mm	24 mm	25 mm Round	Std. CNC Molded
IS-12 T 19	T 19	77 mm	68 mm	24 mm	20 mm Round	Std. CNC Molded
IS-12 T 28	T 28	113.5 mm	104.5 mm	24 mm	40 mm Square	Std. CNC Molded
IS-12 T 28	T 28	113.5 mm	104.5 mm	24 mm	25 mm Round	Std. CNC Molded





### BELT CONVEYOR CONSTRUCTION

Teeth (T)	Belt Over Dia. (BOD)	В	Center (C)
T 10	49 mm		16 mm
T 19	85 mm		34 mm
T 28	121.5 mm		52.25 mm

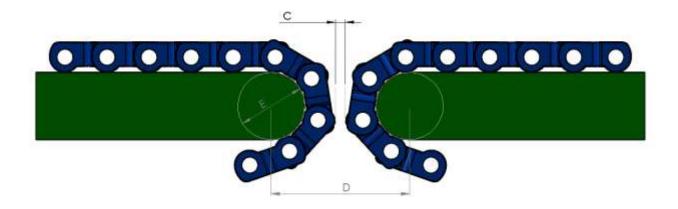


### **Nose Bar Min. Dimension**



Teeth	С	D	E
T10	4 mm	53 mm	32 mm
T19	4 mm	90 mm	68 mm
T28	4 mm	126.5 mm	104.5 mm

### FINE TRANSFER BELTS

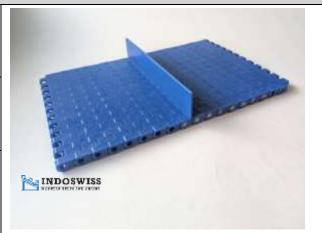


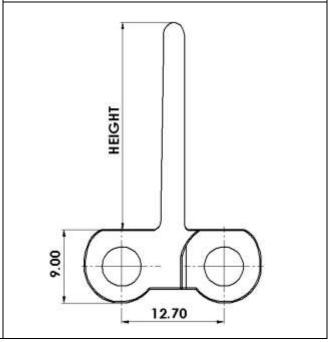
Distance	mm
С	4 mm
D	55 mm
E	20 mm

### **COMBITIONS BELT MODULE'S PART**

	Vertical C	leats
Cleat Height	Available Materials	
mm		8
12	Polypropylene	1
25	Polyethylene	
	Acetal	

- IS-12 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custom-built belts.
- They are used along with standard IS-12 modules.





		IS-12 Ge	ear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, polyamide nylon 66
- They are used along with standard IS-12 sprockets.



# **IS 12**

### STANDARD BELT CHART

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
75	2
100	2
150	4
200	5
250	5
300	8
350	9
400	7
450	12
500	9
550	9
600	16
650	11
700	11
750	20
800	13
850	13
900	24
950	15
1000	15
1100	17
1200	32
1500	40
1700	25
2000	29



### STRAIGHT RUN MODULAR BELTS

- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.



25.00

### **ISMB-25 MODULAR BELTS**

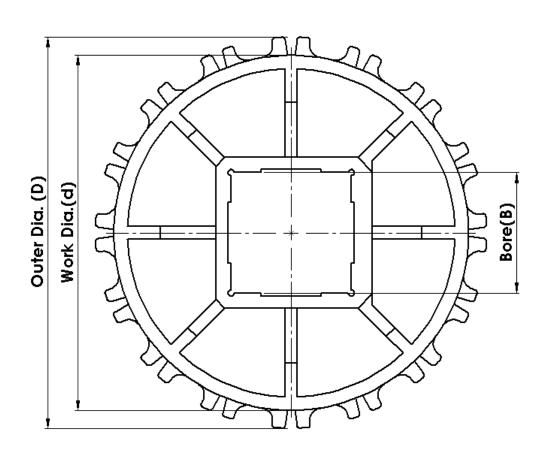
	ISMB-25 Flat	Тор
	Mm	
Pitch	25	
Minimum Width	75	
Width Increments	10	
Belt Thickness	8.5	
Open Area	0%	
Color	Blue, Milky White, Grey	Na INDOSWISS
Drive Method	Front; Center	
Rod Retention; Rod Type	lock; flat	
Product N	otes	
<ul> <li>Most preferred for medium &amp; Light weight material movement.</li> <li>Impact resistant Smooth, closed upper surface with fully flush edges.</li> <li>ISMB-25-FT is general purpose light &amp; medium duty conveyor belts used for straight run conveying, washing, drying, cooling, &amp; packing application across all industrial processes.</li> <li>Vertical Cleats and Moving sidewalls are available.</li> </ul>		

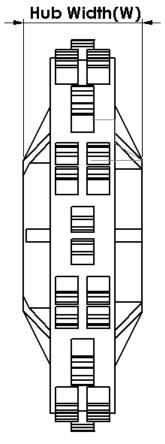
Belt Data			
Belt material  Standard rod material  Ø5 mm		Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene	1100	+1 to 105
Polyethylene	Polypropylene	500	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

	ISMB-25 Flush	Grid
	Mm	
Pitch	25	
Minimum Width	75	
Width Increments		<b>海里</b> 里里里里
Belt Thickness	8.5	
Open Area		
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	SCHEUTEROST COST
Rod Retention; Rod Type	lock; flat	
Product Notes		
duty conveyor belts used	closed upper surface with eneral purpose light & medium for straight run conveying, & packing application across	
		25.00 25.00

Belt Data			
Belt material	Standard rod material Ø5 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene	1100	+1 to 105
Polyethylene	Polypropylene	500	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

ISMB 25 Sprocket						
Description	Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Product
P1-T12	T12	96 mm	84.56 mm	37 mm	40 mm Square	Std. CNC Molded
P1-T16	T16	130 mm	118.5 mm	40 mm	40 mm Square	Std. CNC Molded
P1-T20	T20	162 mm	148 mm	20 mm	40 mm Square	Std. CNC Molded

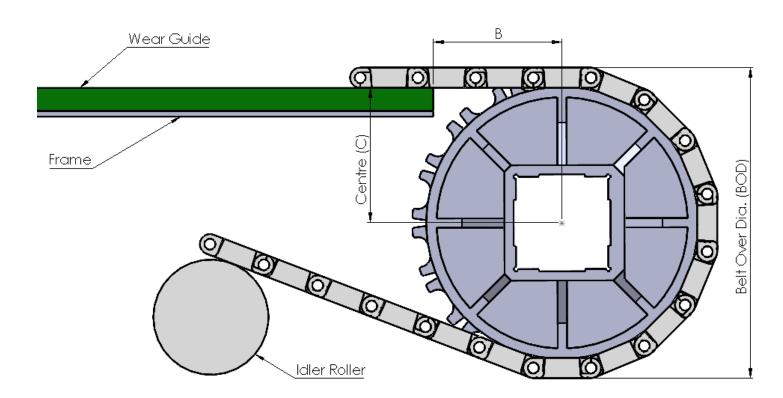






### **BELT CONVEYOR CONSTRUCTION**

Teeth (T)	Belt Over Dia. (BOD)	В	Center (C)
P1-T12	103.70 mm		43.10 mm
P1-T16	134.30 mm		59.18 mm
P1-T20	159.30 mm		70.82 mm

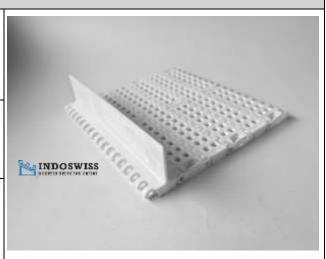


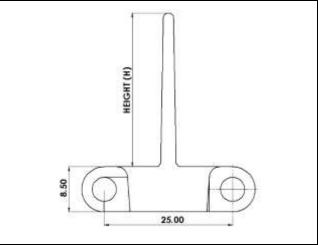


### **COMBITIONS BELT MODULE'S PART**

	Vertical C	leats
Available Cleat Height	Available Materials	
mm		
30	Polypropylene	
	Polyethylene	
	Acetal	Pag.

- ISMB-25 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custom-built belts.
- They are used along with standard ISMB 25 modules.



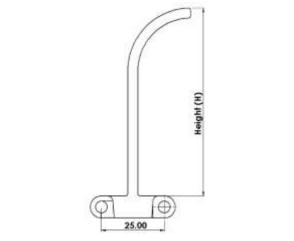




	Scoop Cl
Scoop Height	Available Materials
mm	
75	Polypropylene Polyethylene Acetal
	11001111

- ISMB 25 Scoop Cleats are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Scoop Cleats can be cut and combined for custom-built belts.
- They are used along with standard ISMB 25 modules.







		ISMB-25	Gear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, polyamide nylon 66
- They are used along with standard ISMB 25 sprockets.





### STANDARD BELT CHART FOR ISMB-25

100	
150	
200	
250	
300	
350	
400	
450	
500	
550	
600	
650	
700	
750	
800	
850	
900	
950	
1000	
1100	
1200	
1500	
1700	
2000	
2200	
2500	
2700	
3000	
3500	



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### ISMB-50 MODULAR BELTS

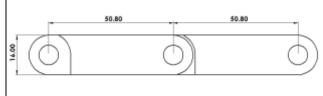
	Flat T	Cop
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	0%	п.
Color	Blue, Milky White, Grey	ř
Drive Method	Front; Center	
Rod Retention; Rod	Clip; flat	
Type		



### **Product Notes**

- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Vertical Cleats and Moving sidewalls are available.





Belt Data			
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

	Pin T	Гор
Pitch Minimum Width Width Increments	mm 50.8 150 16.8	Printers of the same of the sa
Belt Thickness Open Area Color Drive Method Rod Retention; Rod Type	16 0% Blue, Milky White, Grey Front; Center Clip; flat	INDOSWISS SCHEIM HE RODE CRUM
<ul> <li>Most preferred for material movement.</li> <li>Heavy duty &amp; Impactuper surface with further industrial movement.</li> <li>ISMB 50 conveyor by of most of the industrial movement.</li> </ul>	relts gets the confidence rial users with rugged ing in food, beverage, as, Automobile, and ts.	50.80 50.80

Belt Data				
Belt material  Standard rod material Ø8 mm		Belt strength	Temperature range (continuous)	
		kg/m	°C	
Polypropylene	Polypropylene, Delrin	1100	+1 to 105	
Polyethylene	Polypropylene, Delrin	660	-46 to 66	
Acetal	Polypropylene, Delrin	2200	-46 to 66	

Nub Top		
	mm	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	200000000000000000000000000000000000000
Belt Thickness	16	
Open Area	0%	
Color	Blue, Milky White, Grey	V 198 (F)
Drive Method	Front; Center	INDOSWISS SCHOOL SERVING
Rod Retention; Rod	Clip; flat	
Type		-
<ul> <li>Most preferred for a material movement</li> <li>Heavy duty &amp; Impa upper surface with</li> <li>ISMB 50 conveyor confidence of most with rugged and confood, beverage, mea Automobile, and light</li> </ul>	fully flush edges. belts gets the of the industrial users ntinuous working in	50.80

Belt Data			
Belt material  Standard rod material  Ø8 mm  Belt str		Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

	Rough	Тор
	mm	CONTRACT SHEET SHEET SHEET
Pitch	50.8	\$100 PORT 100 P
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	0%	
Color	Blue, Milky White, Grey	- CONTON
Drive Method	Front; Center	INDOSWISS
Rod Retention; Rod	Clip; flat	
Type		
Pro	duct Notes	
<ul> <li>Most preferred for medium &amp; heavy weight material movement.</li> <li>Heavy duty &amp; Impact resistant Smooth, closed upper surface with fully flush edges.</li> <li>ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.</li> <li>Vertical Cleats and Moving sidewalls are available.</li> </ul>		50.80

Belt Data			
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range (continuous)
	, oo min	kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

High Temperature Top			
	mm		
Pitch	50.8	3 11 11 3	
Minimum Width	150	4 10 18 3	
Width Increments	16.8		
Belt Thickness	16		
Open Area	0%		
Color	Blue, Milky White, Grey	Ma INDOSWISS	
Drive Method	Front; Center	SCHOOL SELECTION	
Rod Retention; Rod	Clip; flat		
Type			
Prod	uct Notes		
<ul> <li>material movement</li> <li>Heavy duty &amp; Impa upper surface with</li> <li>ISMB 50 conveyor confidence of most with rugged and con food, beverage, men Automobile, and lig</li> <li>Vertical Cleats and</li> </ul>	act resistant Smooth, closed fully flush edges.	50.80	
available.			

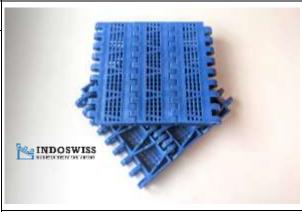
Belt Data			
Belt material  Standard rod material Ø8 mm		Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

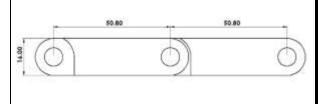
mm           Pitch         50.8           Minimum Width         150           Width Increments         16.8           Belt Thickness         16           Open Area         23%	
Minimum Width150Width Increments16.8Belt Thickness16Open Area23%	
Width Increments 16.8  Belt Thickness 16  Open Area 23%	
Belt Thickness 16 Open Area 23%	
Open Area 23%	
Color Blue, Milky White, Grey	INDOS
Drive Method Front; Center	368653486576
Rod Retention; Rod Clip; flat	
Type	



### **Product Notes**

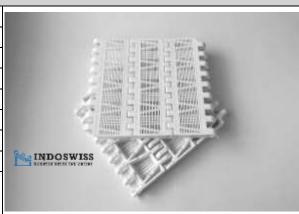
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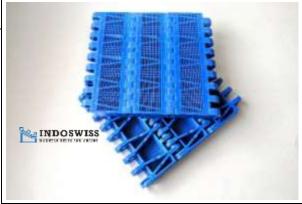
Belt Data			
Belt material	Belt material  Standard rod material  Ø8 mm		Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

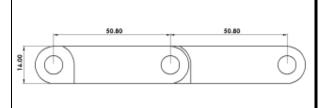
	28% Fine Perf	oration Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	28%	*2
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	INDOSWISS
Rod Retention; Rod	Clip; flat	
Type		
<b>D</b>	1 4 NT 4	



#### **Product Notes**

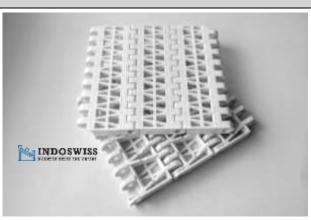
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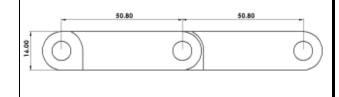
Belt Data			
Belt material  Standard rod material  Ø8 mm		Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin 660		-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

	35% Perfor	ation Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	35%	
Color	Blue, Milky White, Grey	la INDOS
Drive Method	Front; Center	acama amin
Rod Retention; Rod	Clip; flat	
Type		
Prod	luct Notes	
M . C 1.C	1' 0.1 '.1.	-



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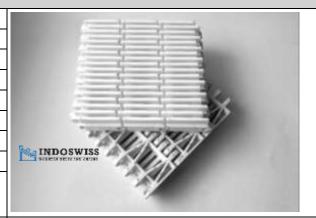
Belt Data					
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range (continuous)		
		kg/m	°C		
Polypropylene	Polypropylene, Delrin	1100	+1 to 105		
Polyethylene	Polypropylene, Delrin	660	-46 to 66		
Acetal	Polypropylene, Delrin	2200	-46 to 66		

37% Perforation Top			
Pitch	mm 50.8		
Minimum Width	150		
Width	16.8		
Belt Thickness	16.8		
Open Area	37%	た 国 は 国 は 国 国 国 国 国 国 国 国 国 国 国 国 国 国 国	
Color	Green, Milky White, Grey	0/9/8/	
Drive Method	Front; Center		
Rod Retention; Rod Type	Clip; flat		
P	roduct Notes		
<ul> <li>material mover</li> <li>Heavy duty &amp; I closed upper su</li> <li>ISMB 50 convector confidence of musers with rugg working in food FMCG, Carton engineering par</li> </ul>	Impact resistant Smooth, arface with fully flush edges. Eyor belts gets the most of the industrial red and continuous d, beverage, meat, s, Automobile, and light	50.80	

Belt Data				
Belt material	Standard for material   Delt Strength   -		Temperature range (continuous)	
		kg/m	°C	
Polypropylene	Polypropylene, Delrin	1100	+1 to 105	
Polyethylene	Polypropylene, Delrin	660	-46 to 66	
Acetal	Polypropylene, Delrin	2200	-46 to 66	

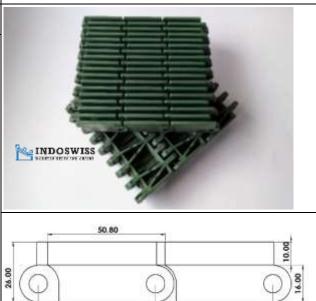
Rib

	Raised
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	
Color	Milky White, Green
Drive Method	Front; Center
Rod Retention; Rod	Clip; flat
Type	



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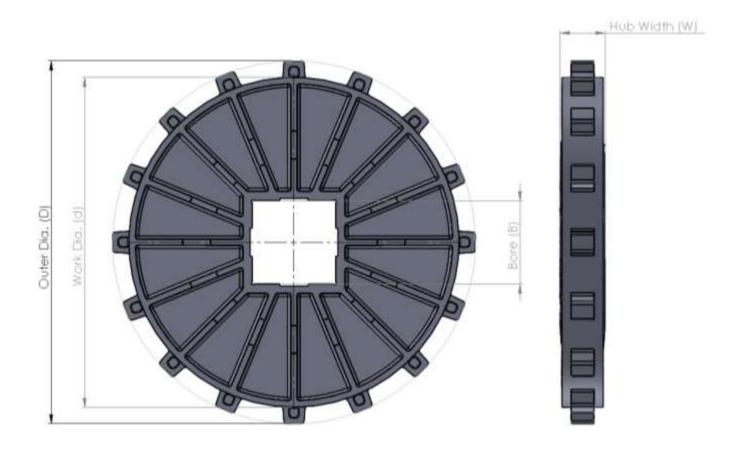


50.80

Belt Data					
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range (continuous)		
		kg/m	°C		
Polypropylene	Polypropylene, Delrin	1100	+1 to 105		
Polyethylene	Polypropylene, Delrin	660	-46 to 66		
Acetal	Polypropylene, Delrin	2200	-46 to 66		



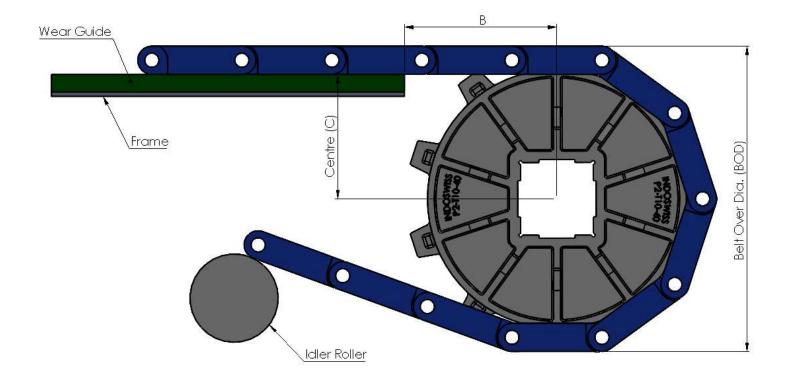
	ISMB 50 Sprocket					
Description	Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Product
P2-T8	Т8	135 mm	112 mm	33 mm	40 mm Square	Std. CNC Molded
P2-T8	Т8	135 mm	112 mm	33 mm	60 mm Square	Std. CNC Molded
P2-T10	T10	162 mm	140 mm	33 mm	40 mm Square	Std. CNC Molded
P2-T10	T10	162 mm	140 mm	33 mm	60 mm Square	Std. CNC Molded
P2-T12	T12	195 mm	174 mm	30 mm	40 mm Square	Std. CNC Molded
P2-T16	T16	260 mm	238 mm	32 mm	40 mm Square	Std. CNC Molded
P2-T16	T16	260 mm	238 mm	32 mm	60 mm Square	Std. CNC Molded





### **BELT CONVEYOR CONSTRUCTION**

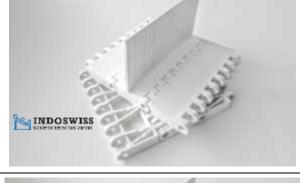
Teeth (T)	Belt Over Dia. (BOD)	В	Center (C)
P2-T8	138.6mm		53.3mm
P2-T10	172.5mm		70mm



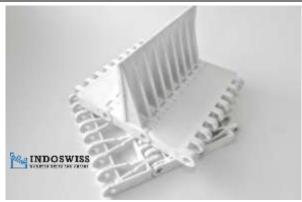


### **COMBITIONS BELT MODULE'S PART**

	Vertical C	Cleats
Available Flight Height	Available Materials	
mm		
25	Polypropylene	
50	Polyethylene Acetal	
75	Acetai	100
100		
150		

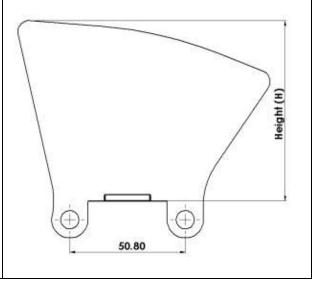


- ISMB-50 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custom-built belts.
- Minimum indent without sideguards:33 mm.
- They are used along with standard ISMB 50 modules.



Moving Side Wall		
Available Flight Height	Available Materials	
mm		
30	Polypropylene	
80	Polyethylene Acetal	
109		
• Moving side walls f	itted on the modular belts	

- Moving side walls fitted on the modular belts travel along with belts thus avoiding spillage.
   Scoop Cleats can be cut and combined for custom-built belts.
- Chance of small Products getting struck up between the fixed type of side walls & moving belt are avoided with Moving side walls.
- They are used along with standard ISMB 50 modules.
- Minimum indent without sideguards:33 mm.





	CD-50 Clamp I
Available Pitch	Available Materials
mm	
50.8	D. 1
30.0	Polypropylene
	Polyethylene
	Acetal
	C 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
• Clamp down units ar modular belts.	e fixed below the ISMB 50
	buckle out during Up turns &
In Blanchers etc. for	
	with standard IS 800 modules.
	e belt during return for inclined
belts for wide sizes.	

		ISMB-50	Gear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, polyamide nylon 66
- They are used along with standard ISMB 50 sprockets.





### STANDARD BELT CHART

MAX NO. OF SPROCKET PER SHAFT
4
2
6
5
3
7
7
4
8
9
5
9
11
10
10
10
7
11
8
17
21
12
14
30
34
37
41

### SPIRAL MODULAR BELTS / CURVE BELT- FLEX IS-93

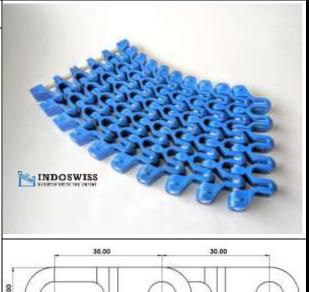
- Spiral Modular belts / Curve Belt are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

#### **FLEX SERIES IS-93**

	FLEX IS-93
	mm
Pitch	30
Minimum Width	100
Minimum Turning Radius	2.25 X (Belt Width)
Belt Thickness	16
Open Area	47%
Color	Blue, Milky White, Grey
Approx. Weight	6.42Kg/Square meter (PP)
Rod Retention; Rod Type	Clip; flat



- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- FLEX IS-93 is general purpose light & medium duty conveyor belts used for Repose and fermentation belts for bakery.
- Elevating and descending conveyors with minimum inclination.
- Cooling and/or freezing belts, as due to the 47% open area you can obtain a great temperature transference.
- Spiral accumulation conveyors, with a big capacity of storage in a reduced space with movement, is possible with FLEX.IS – 93.
- Acid proof series of INDOSWISS FLEX SERIES IS- 93 is specially designed for Battery production lines.
- Vertical Cleats are available.

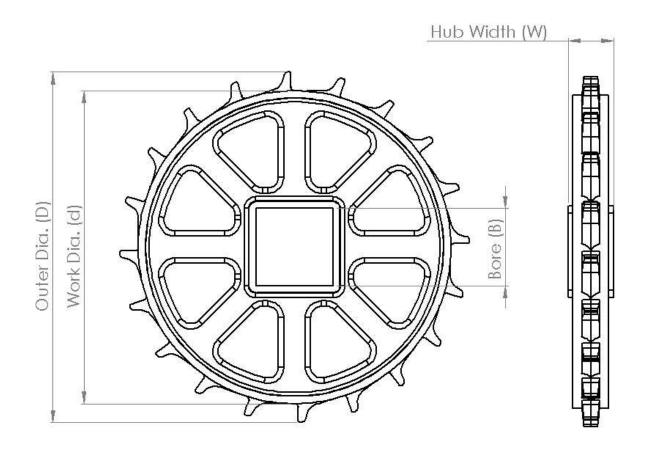


Belt Data				
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range(continuous)	
		kg/m	°C	
Polypropylene	Polypropylene / Delrin			
Polyethylene	Polypropylene / Delrin			
Acetal	Polypropylene / Delrin			

	FLEX IS-93 (with	Γab)
	mm	
Pitch	30	Alto.
Minimum Width	100	To de distance
Minimum Turning Radius	2.25 X (Belt Width)	The state of the s
Belt Thickness	16	
Open Area	47%	76.76
Color	Blue, Milky White, Grey	INDOSWISS
Approx. Weight	6.42Kg/Square meter (PP)	
Rod Retention; Rod Type	lock; flat	
Product No	otes	
<ul> <li>Most preferred for medium &amp; Light weight material movement.</li> <li>Impact resistant Smooth, closed upper surface with fully flush edges.</li> <li>FLEX IS-93 is general purpose light &amp; medium duty conveyor belts used for Repose and fermentation belts for bakery.</li> <li>Elevating and descending conveyors with minimum inclination.</li> <li>Cooling and/or freezing belts, as due to the 47% open area you can obtain a great temperature transference.</li> <li>Spiral accumulation conveyors, with a big capacity of storage in a reduced space with movement, is possible with FLEX.IS – 93.</li> <li>Acid proof series of INDOSWISS FLEX SERIES IS- 93 is specially designed for Battery production lines.</li> </ul>		

Belt Data					
Belt material  Standard rod material Ø8 mm		Belt strength	Temperature range(continuous)		
	,	kg/m	°C		
Polypropylene	Polypropylene / Delrin				
Polyethylene	Polypropylene / Delrin				
Acetal	Polypropylene / Delrin				

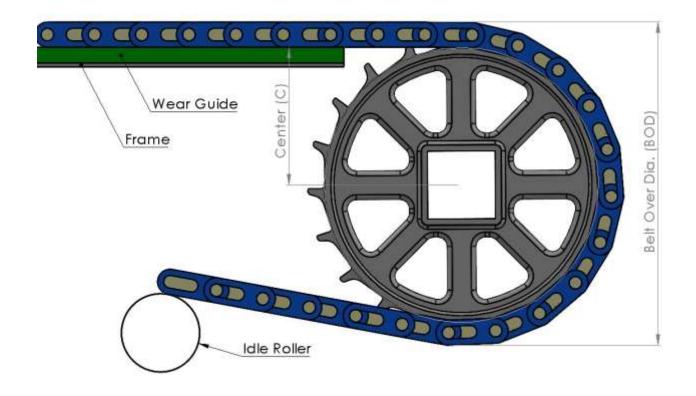
FLEX IS-93 Sprocket						
Description	Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Product
IS-93 11 T	T 11	105 mm	85 mm	25 mm	40 mm Square	Std. CNC Molded
IS 93 16 T	T 16	153 mm	135 mm	25 mm	40 mm Square	Std. CNC Molded
IS 93 20 T	T 20	191 mm	173 mm	25 mm	40 mm Square	Std. CNC Molded



### **BELT CONVEYOR CONSTRUCTION**

Teeth	Belt Over Dia. (BOD)	Center (C)
T11	118 mm	42.5 mm
T16	168 mm	67.5 mm
T20	208 mm	86.5 mm

S/NO	IS-93 BELT WIDTH	Minimum inner Diameter	GOOD / FREE Inner Diameter	OD+	Calculate Inner Radius width x 2.25 IR /ID
1	150 mm	550 mm	550/600 mm	800+	338 mm/676 mm
2	660 mm	2645 mm	2700 mm	3970+	1485 mm / 2970mm



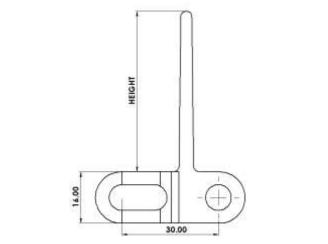
Cleats

### **COMBITIONS BELT MODULE'S PART**

	Vertical
Available Cleat Height	Available Materials
mm	
25	Polypropylene
50	Polyethylene Acetal
75	

- FLEX IS-93 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custom-built belts.
- They are used along with standard FLEX IS-93 modules.





		FLEX IS-93	Gear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
			,
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	
Dore	40 mm square	oo iiiii square	

- It holds the sprockets to its positions.
- Material Polypropylene, polyamide nylon 66
- They are used along with standard FLEX IS-93 sprockets.



### STANDARD BELT CHART FOR FLEX IS-93

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
99	3
148	5
198	7
248	9
298	11
348	13
398	15
448	17
498	19
548	21
598	23
648	25
698	27
748	29
798	31
848	33
898	35
948	37
998	39
1098	43
1198	47
1498	59
1698	67
1998	79
2198	87
2498	99
2698	107
2998	119
3148	125

### STRAIGHT RUN MODULAR BELTS

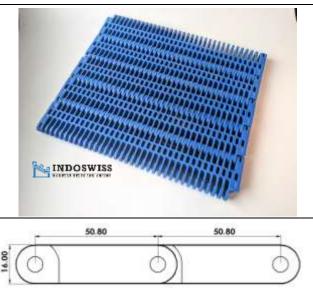
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

### **IS400 MODULAR BELTS**

	IS 400 Flush G
	mm
Pitch	50.8
Minimum Width	305
Width Increments	8.36
Belt Thickness	16
Open Area	30%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip in lock; flat

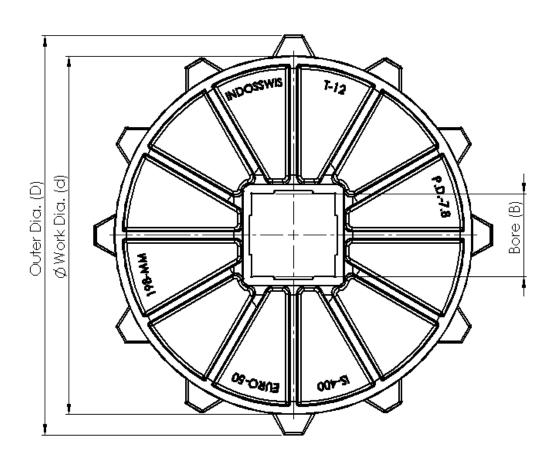


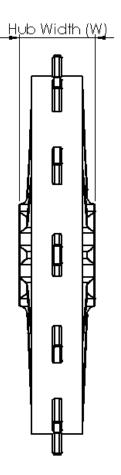
- Specially design for battery line with Acid Proof material.
- Most preferred for medium & Heavy weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS-400 is general purpose Heavy & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.



Belt Data				
Belt material	Standard rod material Ø5 mm	Belt strength	Temperature range (continuous)	
		kg/m	°C	
Polypropylene	Polypropylene	3570	+1 to 104	
Polyethylene	Polypropylene	2680	-46 to 66	
Acetal	Polypropylene	4760	-46 to 66	

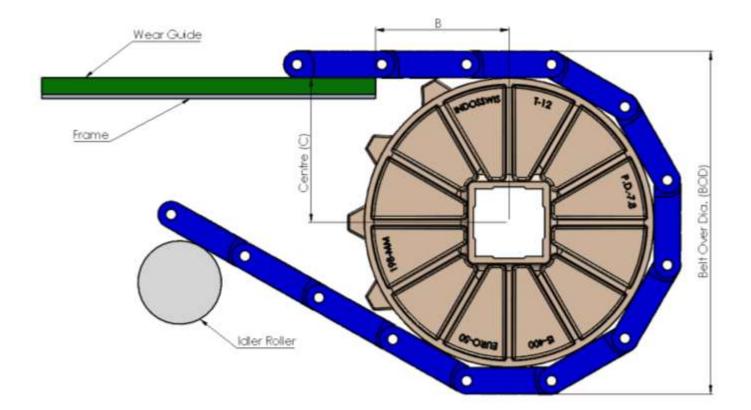
IS-400 Sprocket						
Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Pitch Dia.	Product
T 10	160 mm			40 mm square	163 mm	Std. CNC Molded
T 12	196 mm			40 mm Square	198 mm	Std. CNC Molded





### **BELT CONVEYOR CONSTRUCTION**

Teeth	Belt Over Dia. (BOD)	В	Center (C)
T 10		70 mm	
T 12		76 mm	



		IS-900 G	ear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, Polyamide nylon 66
- They are used along with standard IS-400 sprockets.



### STANDARD BELT CHART FOR IS-400

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
305	3
356	3
381	3
406	3
457	3
508	5
610	5
762	5
813	7
914	7
1067	7
1219	9
1372	9
1524	11
1829	13
2134	15
2438	17
3048	21
3658	25

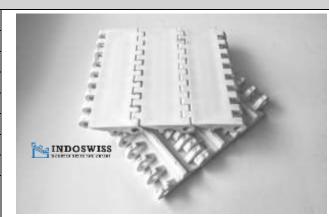


### STRAIGHT RUN MODULAR BELTS

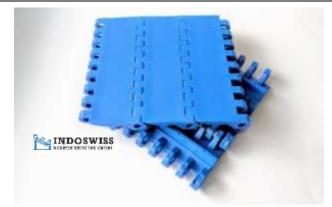
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

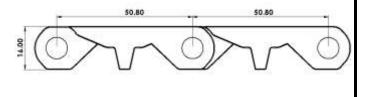
### **IS-800 MODULAR BELTS**

	Flat T	op
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	ш
Belt Thickness	16	ш
Open Area	0%	ш
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod	Clip; flat	
Type		
		1



- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Vertical Cleats and Moving sidewalls are available.

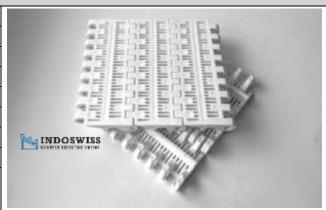




Belt Data				
Belt material	Standard rod material	Belt strength	Temperature range (continuous)	
	Ø8 mm	kg/m	$^{\circ}\mathrm{C}$	
Polypropylene	Polypropylene	1620	+1 to 105	
Polyethylene	Polypropylene	1310	-46 to 66	
Acetal	Polypropylene	2772	-46 to 66	

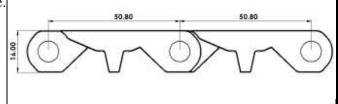


	Flush	Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	18%	
Color	Blue, Milky White, Grey	90
Drive Method	Front; Center	
Rod Retention; Rod	Clip; flat	
Type		



- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Perforated version of IS 800.
- Vertical Cleats and Moving sidewalls are available.



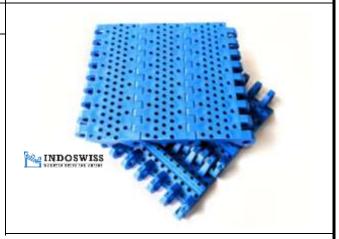


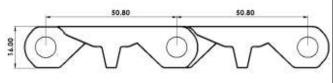
Belt Data				
Belt material	Standard rod material	Belt strength	Temperature range (continuous)	
	Ø8 mm	kg/m	$^{\circ}\mathrm{C}$	
Polypropylene	Polypropylene	1620	+1 to 105	
Polyethylene	Polypropylene	1310	-46 to 66	
Acetal	Polypropylene	2772	-46 to 66	

	Round Flu	ish Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	20%	
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	IND
Rod Retention; Rod	Clip; flat	
Type		



- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Perforated version of IS 800.
- Vertical Cleats and Moving sidewalls are available.





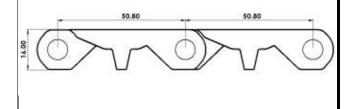
Belt Data			
Belt material	Standard rod material	Belt strength	Temperature range (continuous)
	Ø8 mm	kg/m	°C
Polypropylene	Polypropylene	1620	+1 to 105
Polyethylene	Polypropylene	1310	-46 to 66
Acetal	Polypropylene	2772	-46 to 66

	Nub 7	Гор
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	0%	
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod	Clip; flat	
Type		



- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Perforated version of IS 800.
- Vertical Cleats and Moving sidewalls are available.

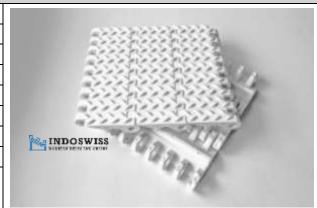




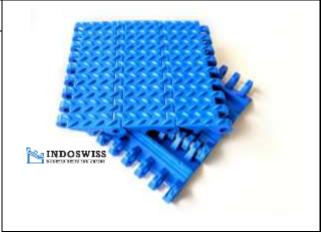
Belt Data			
Belt material	Standard rod material	Belt strength	Temperature range (continuous)
	Ø8 mm	kg/m	°C
Polypropylene	Polypropylene	1620	+1 to 105
Polyethylene	Polypropylene	1310	-46 to 66
Acetal	Polypropylene	2772	-46 to 66

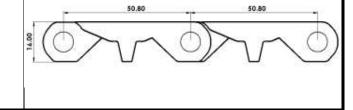


	Rough	Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area	0%	
Color	Blue, Milky White, Grey	34
Drive Method	Front; Center	_
Rod Retention; Rod	Clip; flat	
Type		



- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Perforated version of IS 800.
- Vertical Cleats and Moving sidewalls are available.





Belt Data				
Standard fou   Delt strength -		Temperature range (continuous)		
	Ø8 mm	kg/m	°C	
Polypropylene	Polypropylene	1620	+1 to 105	
Polyethylene	Polypropylene	1310	-46 to 66	
Acetal	Polypropylene	2772	-46 to 66	

	In line	г Тор
	mm	
Pitch	50.8	
Minimum Width	150	1000
Width Increments	16.8	23/23/20
Belt Thickness	16	15/5/15/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5
Open Area		623/623/623/63V
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	INDOSWISS
Rod Retention; Rod Type	Clip; flat	
Prod	luct Notes	
<ul> <li>material movement</li> <li>Heavy duty &amp; Impuper surface with</li> <li>IS 800 conveyor be most of the industraction</li> </ul>	pact resistant Smooth, closed a fully flush edges. elts gets the confidence of rial users with rugged and ag in food, beverage, meat, Automobile, and light	

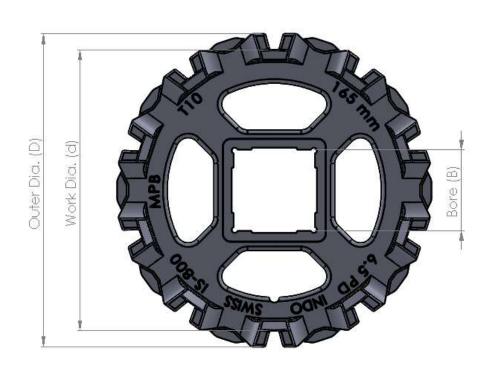
Belt Data				
Standard fou   Delt Strength		Temperature range (continuous)		
	Ø8 mm	kg/m	°C	
Polypropylene	Polypropylene	1620	+1 to 105	
Polyethylene	Polypropylene	1310	-46 to 66	
Acetal	Polypropylene	2772	-46 to 66	

	Cross Li	ner Top
	mm	
Pitch	50.8	
Minimum Width	150	
Width Increments	16.8	
Belt Thickness	16	
Open Area		
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	Ma INDOSWISS
Rod Retention; Rod	Clip; flat	schen tentor con
Type		
Prod	luct Notes	
<ul> <li>material movemen</li> <li>Heavy duty &amp; Impuper surface with</li> <li>IS 800 conveyor be most of the industricontinuous workin FMCG, Cartons, A engineering parts.</li> <li>Perforated version</li> </ul>	pact resistant Smooth, closed a fully flush edges. elts gets the confidence of rial users with rugged and ag in food, beverage, meat, Automobile, and light	

Belt Data				
Belt material  Standard rod material  Belt strength (continuous)		Temperature range (continuous)		
	Ø8 mm	kg/m	°C	
Polypropylene	Polypropylene	1620	+1 to 105	
Polyethylene	Polypropylene	1310	-46 to 66	
Acetal	Polypropylene	2772	-46 to 66	

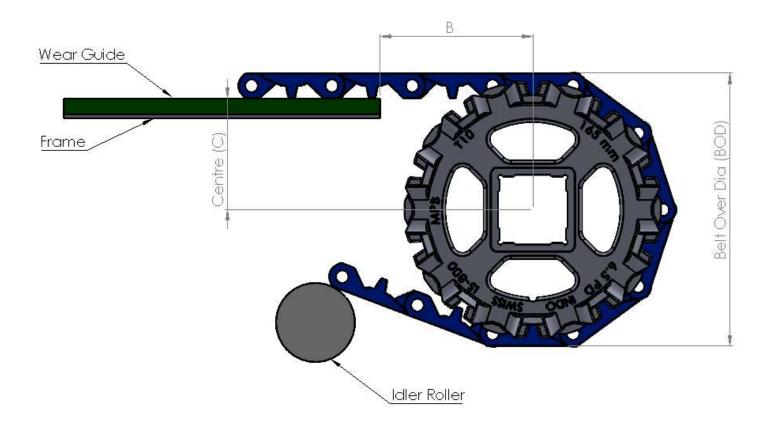


IS-800 Sprocket						
Description	Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Product
MPB T8	T8	123 mm	106 mm	37 mm	40 mm square	Std. CNC Molded
MPB T8	Т8	125 mm	106 mm	37 mm	30 mm round	Std. CNC Molded
MPB T10	T10	156 mm	140 mm	37 mm	40 mm square	Std. CNC Molded
MPB T12	T12	195 mm	178 mm	37 mm	40 mm square	Std. CNC Molded
MPB T12	T12	195 mm	178 mm	37 mm	50 mm square	Std. CNC Molded
MPB T12	T12	195 mm	178 mm	37 mm	60 mm square	Std. CNC Molded





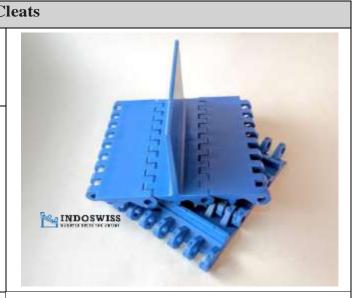
### **COMBITIONS BELT MODULE'S PART**



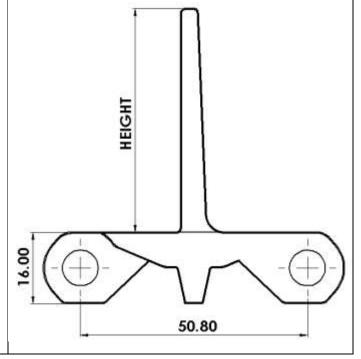
Teeth (T)	Belt Over Dia. (BOD)	В	Center (C)
P2-T8	138.6mm	51 mm	53.3mm
P2-T10	172.5mm	55 mm	70mm
P2-T12			



	Vertical C
Cleat Height	Available Materials
mm	
25	Polypropylene
50	Polyethylene Acetal
75	
100	
150	



- IS-800 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custombuilt belts.
- Minimum indent without sideguards:33 mm.
- They are used along with standard IS 800 modules.





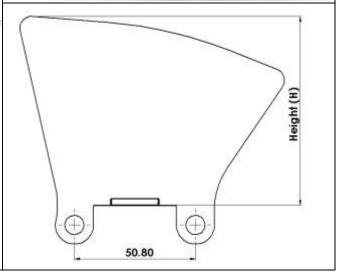
	Scoop Cleats			
Scoop Height	Available Materials			
mm				
100	Polypropylene			
150	Polyethylene Acetal			
for the lifting the mate to the Vertical heights - Scoop Cleats can be c custom-built belts Minimum indent with	are the vertical cleats used erials from horizontal planes or upper planes ut and combined for	HEICHT (H)		



Moving Side Wall / Guard		
Available Flight Height	Available Materials	
mm		
30	Polypropylene	
80	Polyethylene Acetal	
109		

- Moving side walls fitted on the modular belts travel along with belts thus avoiding spillage.
   Scoop Cleats can be cut and combined for custom-built belts.
- Chance of small Products getting struck up between the fixed type of side walls & moving belt are avoided with Moving side walls.
- They are used along with standard IS 800 modules.
- Minimum indent without sideguards:33 mm.







		IS-800 G	ear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, polyamide nylon 66
- They are used along with standard IS 800 sprockets.





### STANDARD BELT CHART

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
51	1
102	1
152	2
203	2
254	2
305	3
356	3
406	3
547	3
508	5
610	5
762	5
813	7
914	7
1067	7
1219	9
1372	9
1524	11
1829	13
2134	15
2438	17
3048	21
3658	25



### STRAIGHT RUN MODULAR BELTS

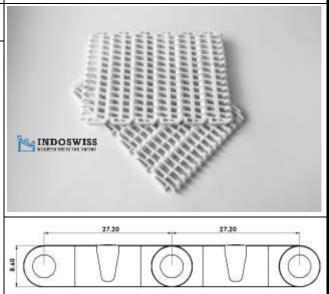
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

### IS 900 MODULAR BELTS

	IS 900 Flush (
	mm
Pitch	27.2
Minimum Width	66
Width Increments	8.4
Belt Thickness	8.6
Open Area	38%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip in lock; flat

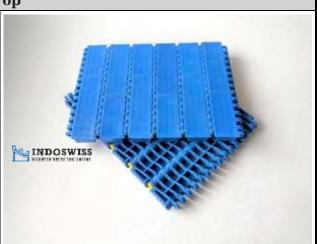


- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS-900 is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.
- Vertical Cleats are available.

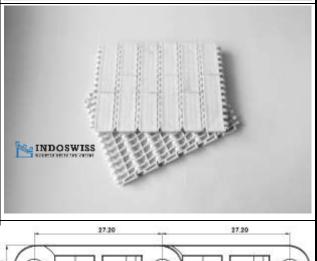


Belt Data			
Belt material	Standard rod material Ø5 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene	1040	+1 to 104
Polyethylene	Polypropylene	520	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

	IS 900 Flat T
	Mm
Pitch	27.2
Minimum Width	66
Width Increments	8.4
Belt Thickness	9.8
Open Area	0%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip in lock; flat
Product Notes	



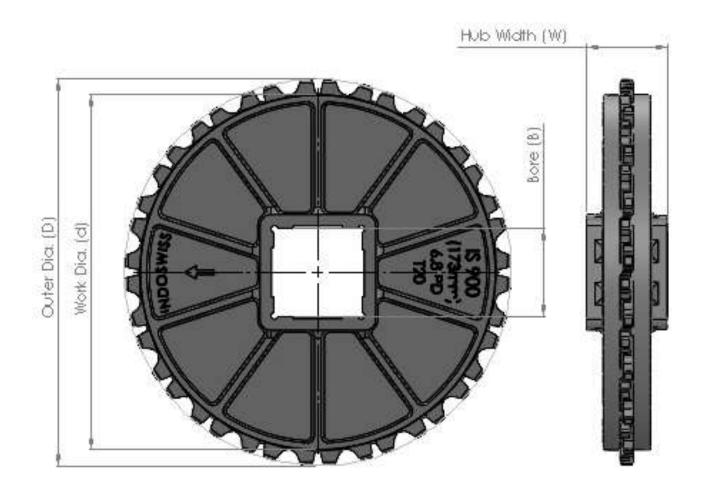
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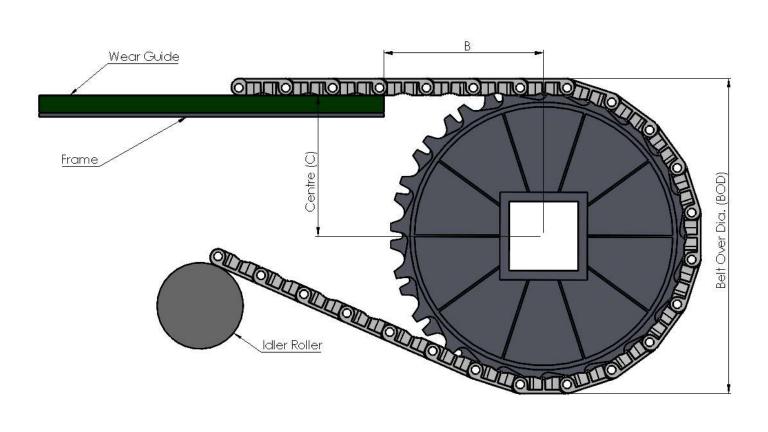
IS-900 Sprocket						
Teeth(T)	Outer Dia.(D)	Work Dia.(d)	Hub Width(W)	Bore(B)	Pitch Dia.	Product
T 12	121.5 mm	107 mm	37 mm	40 mm Square	104 mm	Std. CNC Molded
T 18	159.5 mm	145 mm	37 mm	40 mm Square	155 mm	Std. CNC Molded
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T 20	177.5 mm	163 mm	37 mm	40 mm Square	177 mm	Std. CNC Molded
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### **BELT CONVEYOR CONSTRUCTION**

Teeth	Belt Over Dia. (BOD)	В	Center (C)
T12		44 mm	
T 18	164.50mm	56 mm	72.5mm
T 20	182.00mm	59 mm	81.5mm

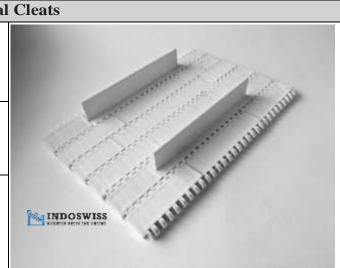


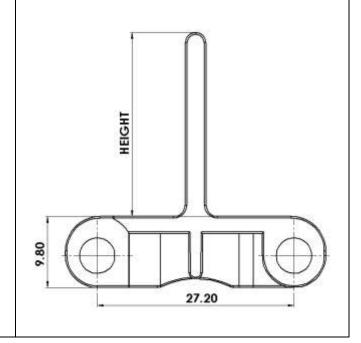


### **COMBITIONS BELT MODULE'S PART**

Vertic	
Available Cleat Height	Available Materials
mm	
25	Polypropylene
50	Polyethylene Acetal

- IS-900 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
- Vertical Cleats can be cut and combined for custom-built belts.
- They are used along with standard IS-900 modules.







		IS-900 G	ear Lock
Gear Lock	GL- 40	GL- 60	
Thickness	16.5 mm	16.8 mm	
Outer Dia.	81.2 mm	101 mm	
Bore	40 mm Square	60 mm Square	

- It holds the sprockets to its positions.
- Material Polypropylene, Polyamide nylon 66
- They are used along with standard IS-900 sprockets.





### STANDARD BELT CHART FOR IS-900 FLAT TOP

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
67	1
100	2
159	2
201.5	3
251.5	5
310	6
352.5	7
402.5	8
461	9
503.5	10
553.5	11
603	12
648	12
698	13
765	15
799	15
849	16
917	18
951	19
1001	20
1102	22
1220	24
1523	30
1699.5	33
2002.5	40
2205	44
2499.5	50
2700	55
3003	61



### STANDARD BELT CHART FOR IS-900 FLUSH GRID

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
67	1
100	2
158.5	2
200	3
250	4
300.5	5
350.5	6
401.5	7
460.5	8
502	9
552	10
602.5	11
652.5	12
703.5	13
762	14
803.5	15
853.5	16
904	17
954	18
1005	19
1105	21
1205	23
1507	29
1700	33
2001	39
2201.5	43
2503.5	49
2704	53
3006	59
3349	65