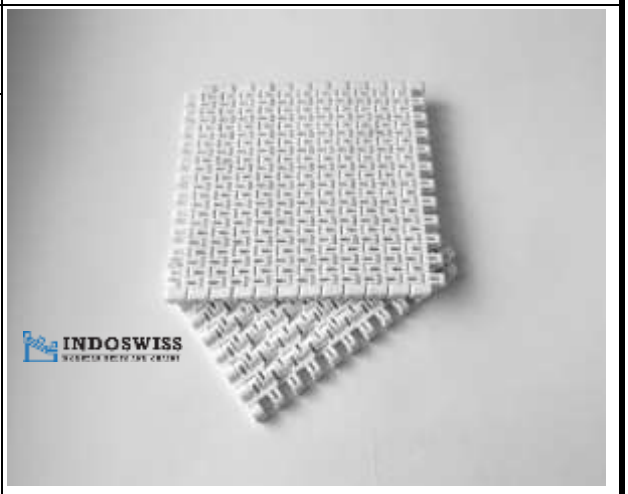
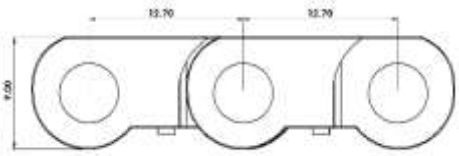
STRAIGHT RUN MODULAR BELTS

- 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

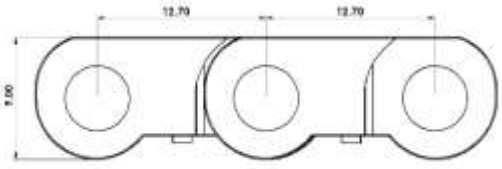
M-SNB/T-1400 Flush Grid		
	mm	
Pitch	12.7	
Minimum Width	50	
Width Increments	12.5	
Belt Thickness	9	
Open Area	14%	
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod Type	Clip in lock; flat	
Product Notes		
• Most preferred for medium & Light weight material movement. • Impact 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 Flat Top		
	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	

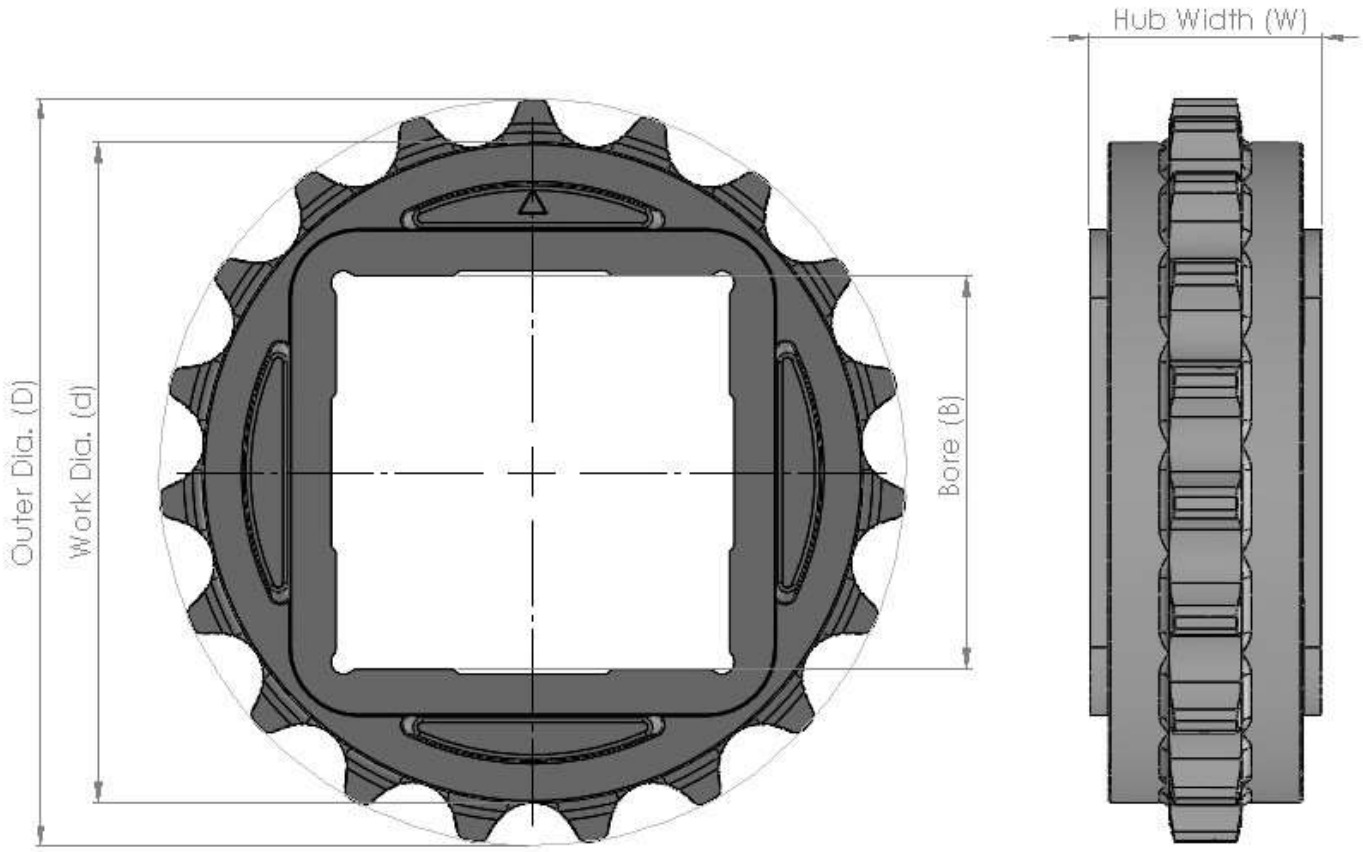
Product Notes

- 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.



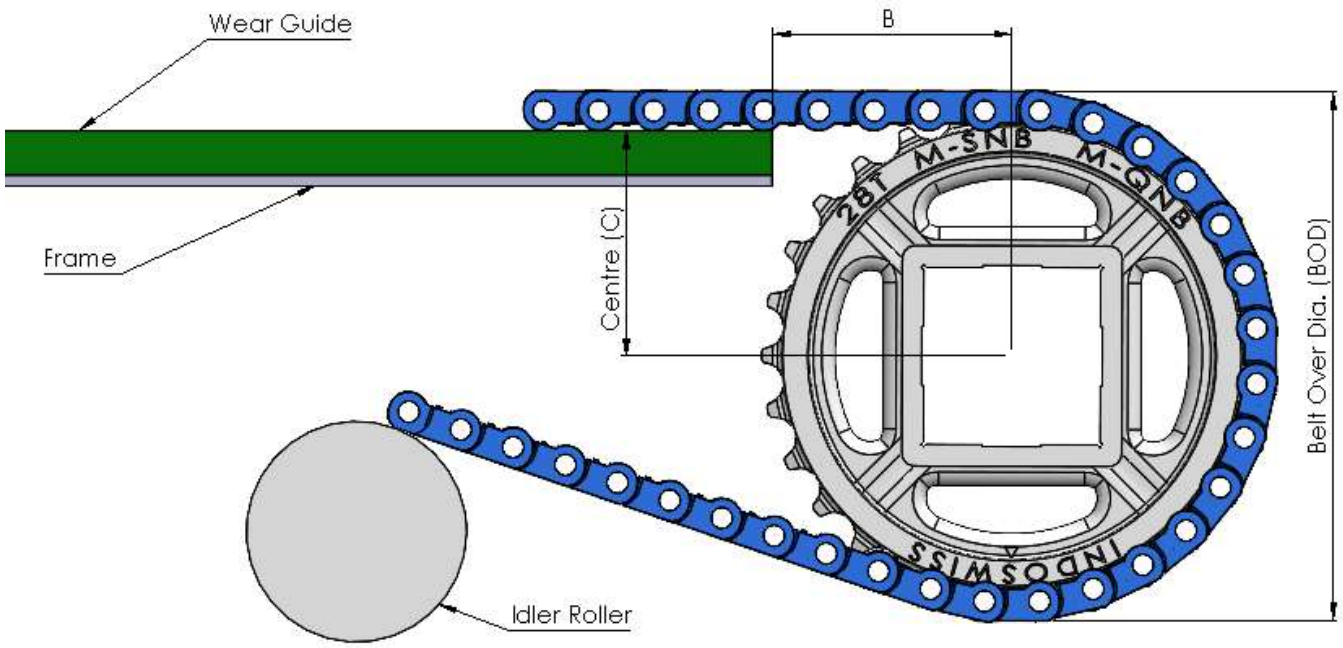
Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	1300	+1 to 105
Polyethylene	Polypropylene	800	-46 to 66
Acetal	Polypropylene	1900	-46 to 66

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

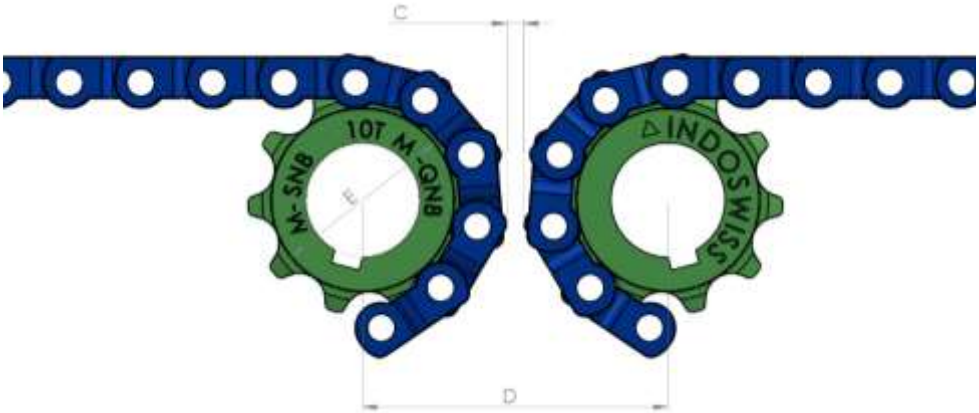


BELT CONVEYOR CONSTRUCTION

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

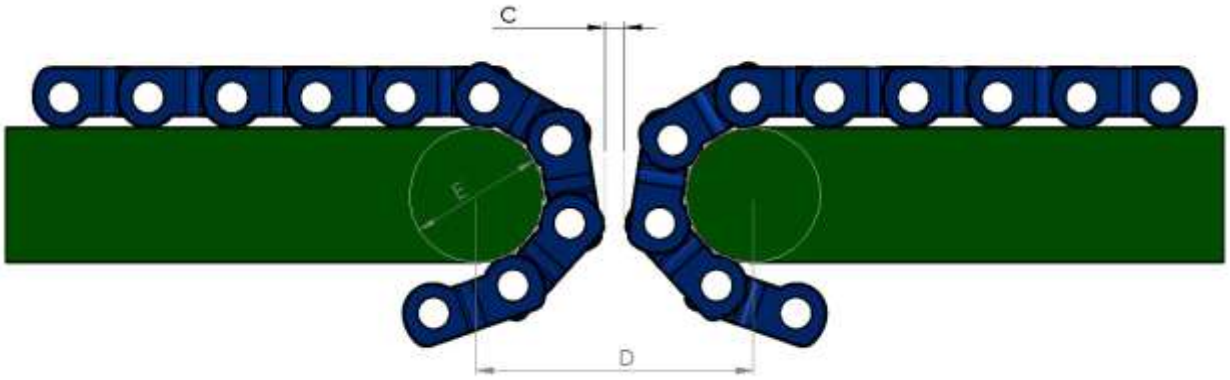


Nose Bar Min. Dimension



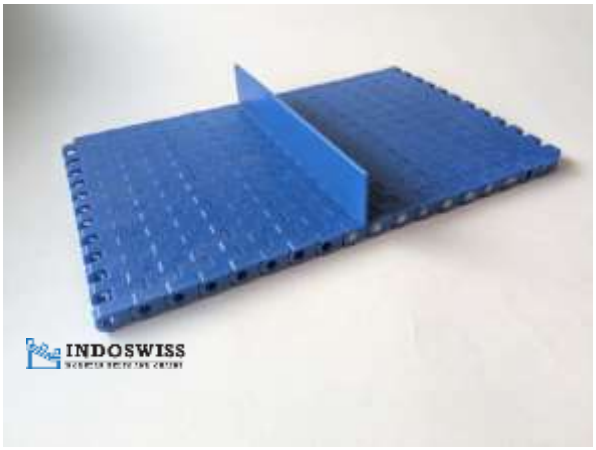
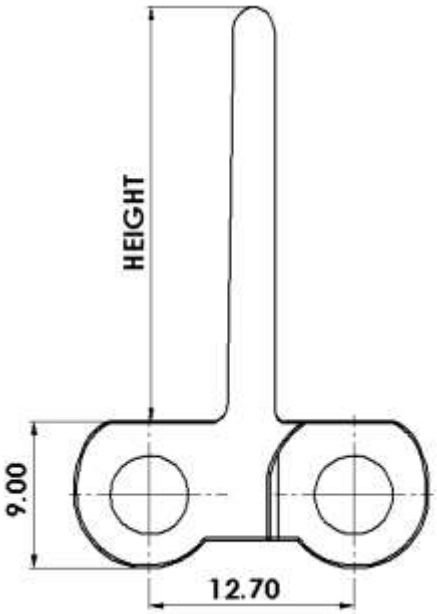
Teeth	C	D	E
T10	4 mm	53 mm	32 mm
T19	4 mm	90 mm	68 mm
T28	4 mm	126.5 mm	104.5 mm

FINE TRANSFER BELTS



Distance	mm
C	4 mm
D	55 mm
E	20 mm

COMBITIONS BELT MODULE'S PART

<table>
<tr><th colspan="3">Vertical Cleats</th></tr>
<tr><td>Cleat Height
mm</td><td>Available Materials</td><td rowspan="2"> 
</td></tr>
<tr><td>12
25</td><td>Polypropylene
Polyethylene
Acetal</td></tr>
<tr><td colspan="2">• 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.</td><td> 
</td></tr>
</table>

IS-12 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 IS-12 sprockets.			

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

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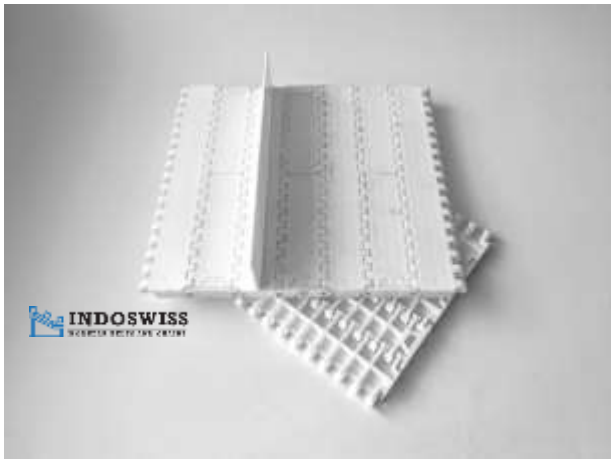
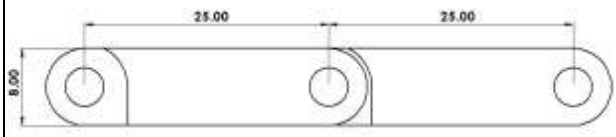
- These belts are rapidly replacing most of the conventional belts for mass material movement round the clock and at most economical cost.

ISMB-25 MODULAR BELTS

ISMB-25 Flat Top		
	Mm	
Pitch	25	
Minimum Width	75	
Width Increments	10	
Belt Thickness	8.5	
Open Area	0%	
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod Type	lock; flat	

Product Notes

- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB-25-FT is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.
- Vertical Cleats and Moving sidewalls are available.



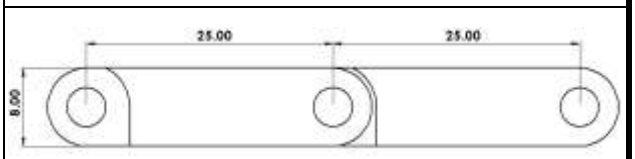
Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	1100	+1 to 105
Polyethylene	Polypropylene	500	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

ISMB 25

ISMB-25 Flush Grid		
	Mm	
Pitch	25	
Minimum Width	75	
Width Increments		
Belt Thickness	8.5	
Open Area		
Color	Blue, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod Type	lock; flat	

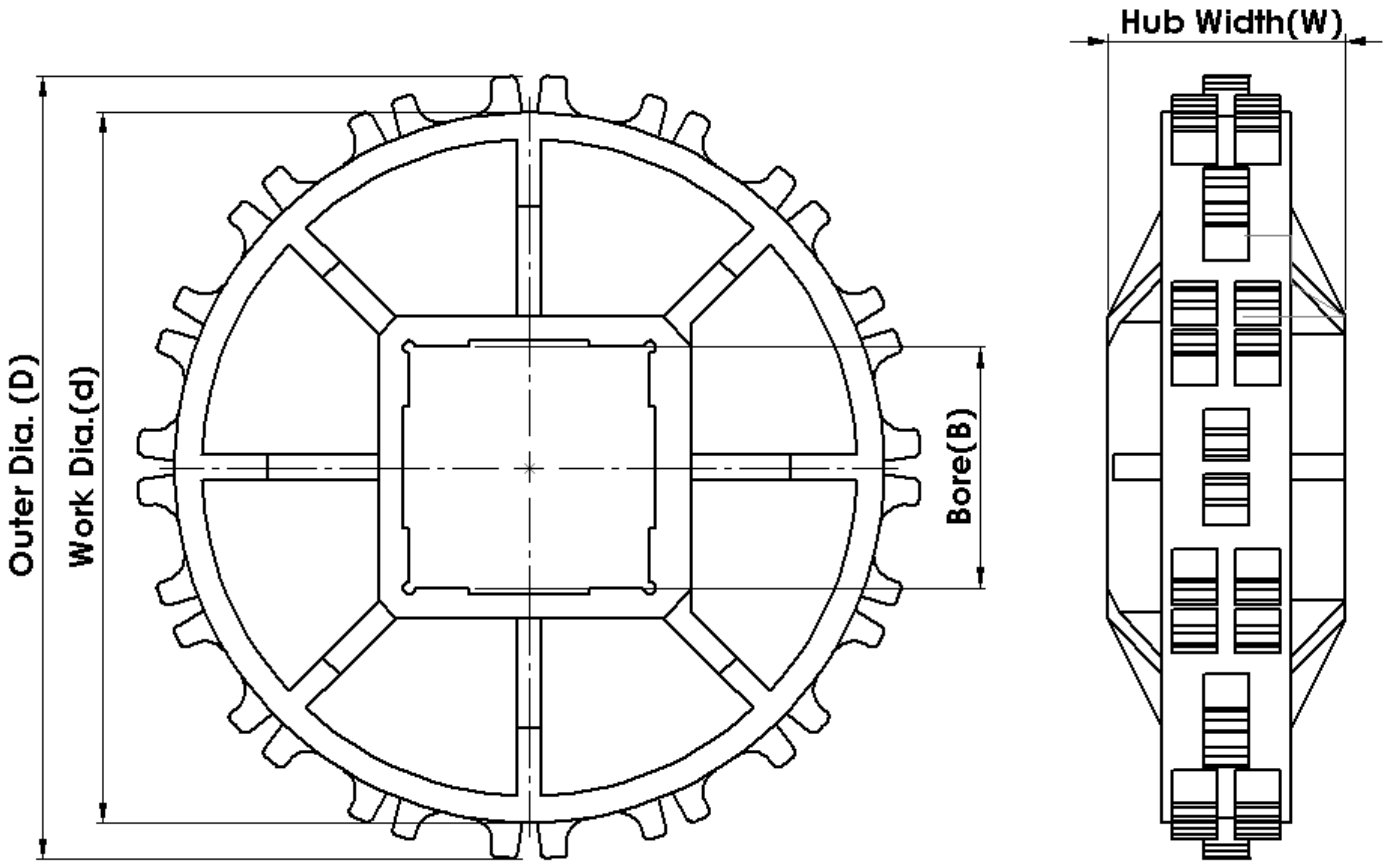
Product Notes

- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB-25-Flush Grid is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.
- Vertical Cleats and Moving sidewalls are available.



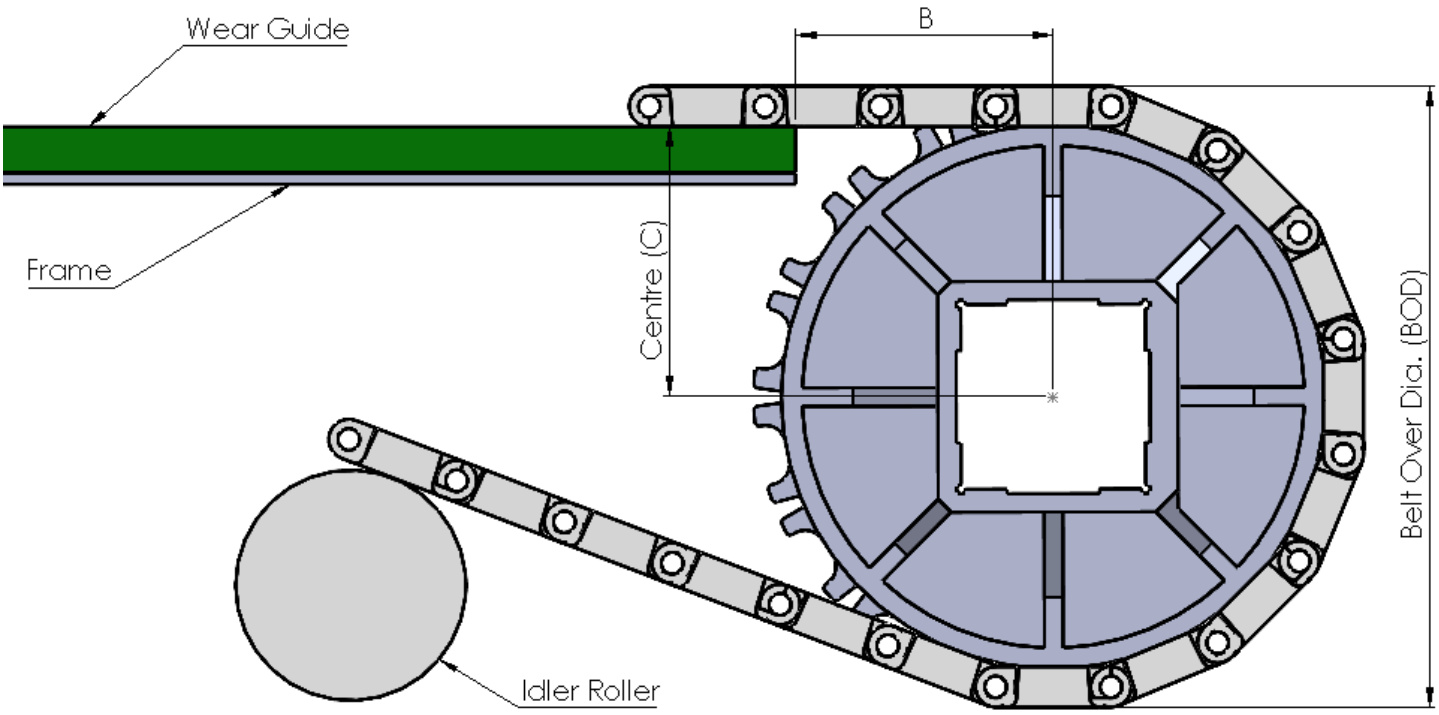
Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	1100	+1 to 105
Polyethylene	Polypropylene	500	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

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

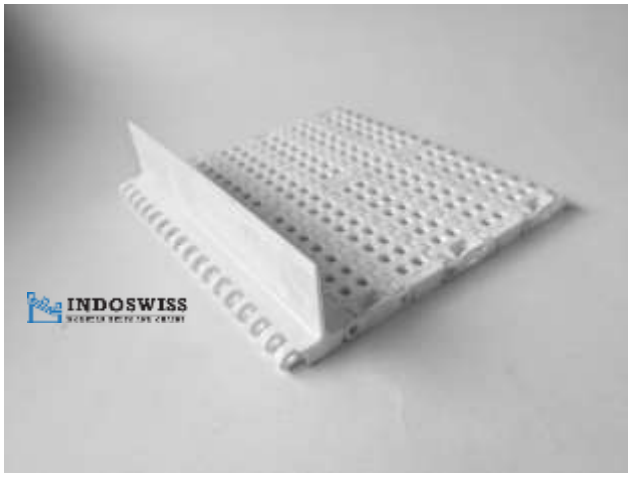
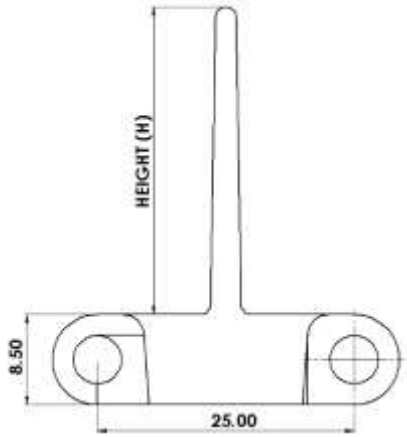


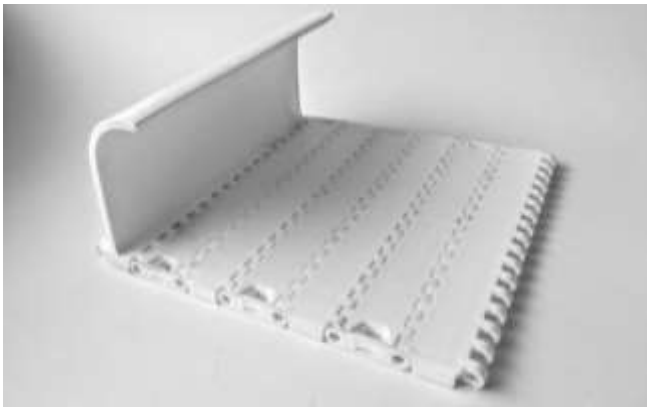
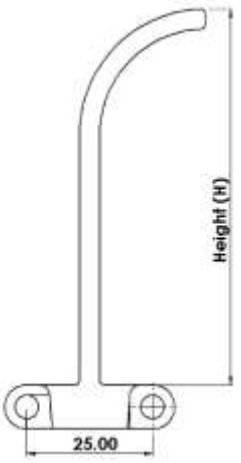
BELT CONVEYOR CONSTRUCTION

Teeth (T)	Belt Over Dia. (BOD)	B	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

<table>
<tr><th colspan="3">Vertical Cleats</th></tr>
<tr><th>Available Cleat Height</th><th>Available Materials</th><td rowspan="3"> 
</td></tr>
<tr><td>mm</td><td rowspan="2"></td></tr>
<tr><td>30</td><td>Polypropylene
Polyethylene
Acetal</td></tr>
<tr><td colspan="2">• 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.</td><td> 
</td></tr>
</table>

Scoop Cleats		
Scoop Height mm	**Available Materials**	
75	Polypropylene Polyethylene Acetal	
• 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

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
50	
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	

STRAIGHT RUN MODULAR BELTS

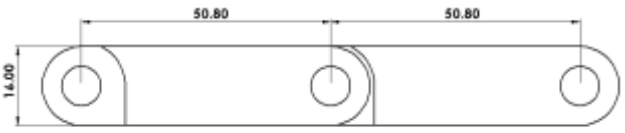
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most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

ISMB-50 MODULAR BELTS

Flat Top	
	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 Type	Clip; flat

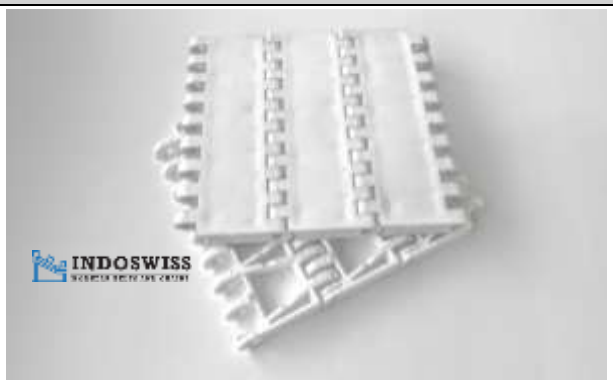
Product Notes

- 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.



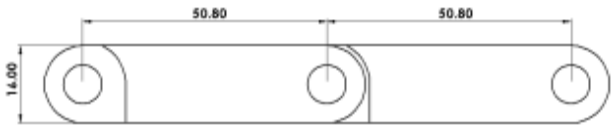
Belt Data			
Belt material	**Standard rod material Ø8 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

ISMB 50

Pin Top		
	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 Type	Clip; flat	

Product Notes

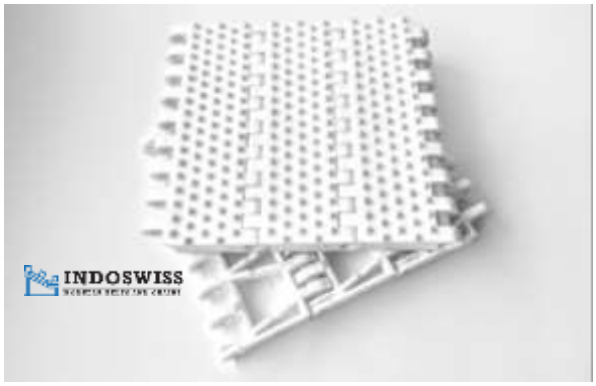
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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

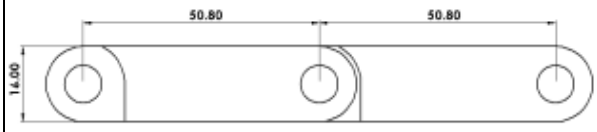
ISMB 50

Nub Top	
	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 Type	Clip; flat



Product Notes

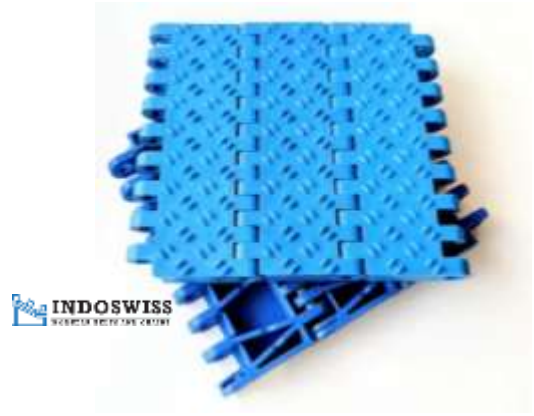
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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

ISMB 50

Rough Top	
	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 Type	Clip; flat



Product Notes

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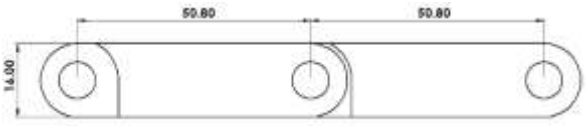
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Vertical Cleats and Moving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

ISMB 50

High Temperature Top		
	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 Type	Clip; flat	

Product Notes

- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
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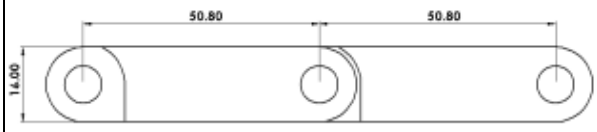
- Vertical Cleats and Moving sidewalls are available.

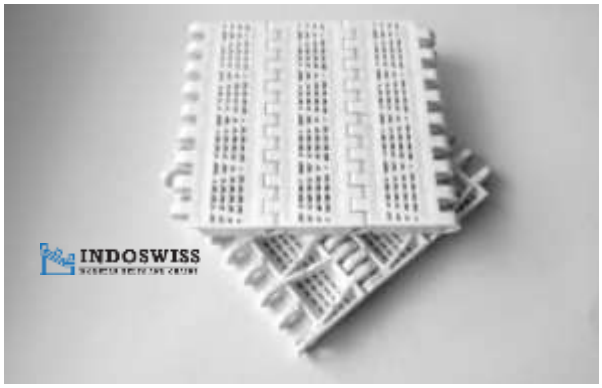


Belt Data

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

ISMB 50

23% Perforation Top	
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	23%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



Product Notes

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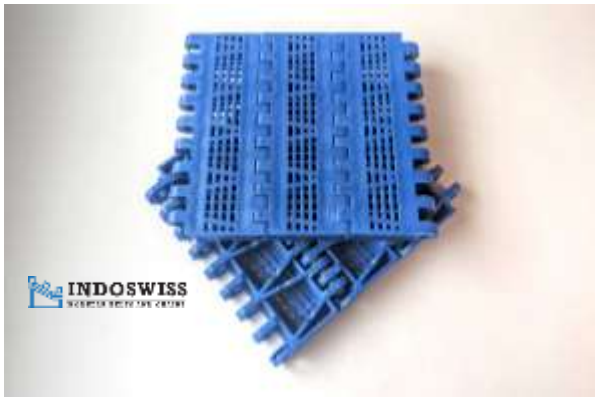
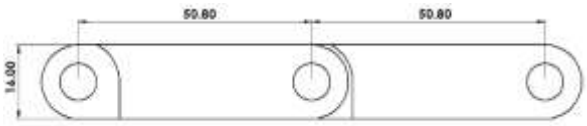
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile, and light engineering parts.
- Vertical Cleats and Moving sidewalls are available.

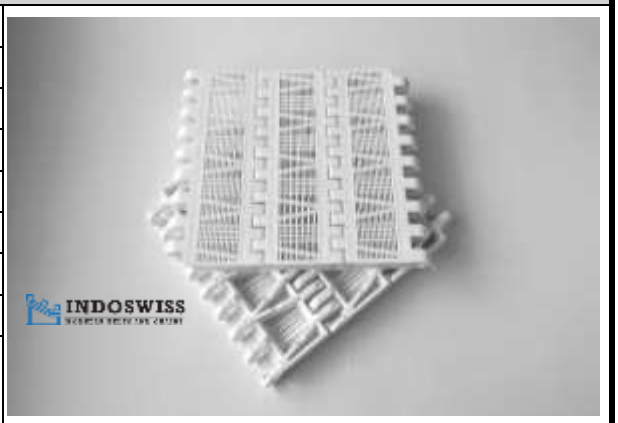




Belt Data			
Belt material	**Standard rod material Ø8 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

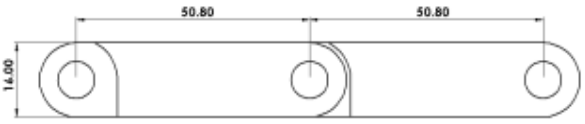
ISMB 50

28% Fine Perforation Top	
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	28%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



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.



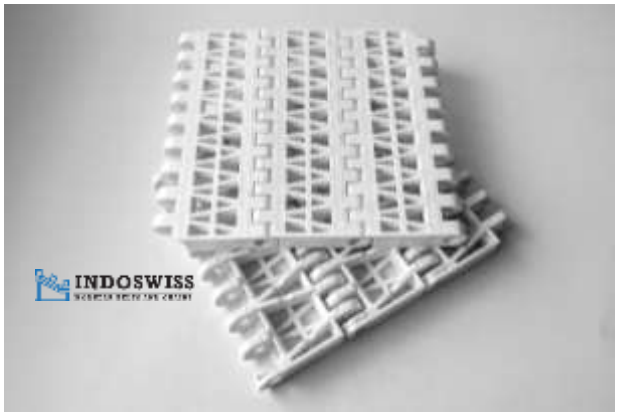
Belt Data			
Belt material	**Standard rod material Ø8 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

INDOSWISS
MODULAR BELTS AND CHAINS

ISMB 50

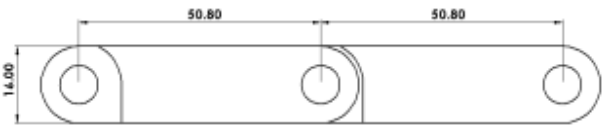
35% Perforation Top

	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	35%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



Product Notes

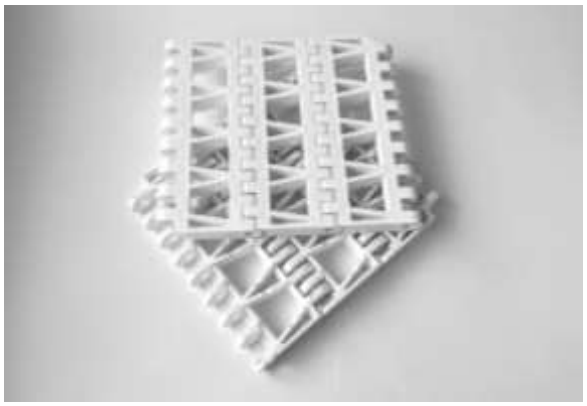
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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



Belt Data

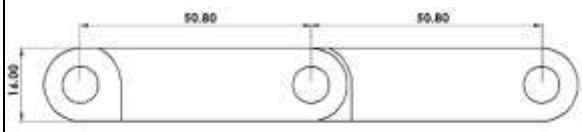
Belt material	Standard rod material Ø8 mm	Belt strength	Temperature range (continuous)
		kg/m	°C
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

ISMB 50

37% Perforation Top		
	mm	
Pitch	50.8	
Minimum Width	150	
Width	16.8	
Belt Thickness	16	
Open Area	37%	
Color	Green, Milky White, Grey	
Drive Method	Front; Center	
Rod Retention; Rod Type	Clip; flat	

Product Notes

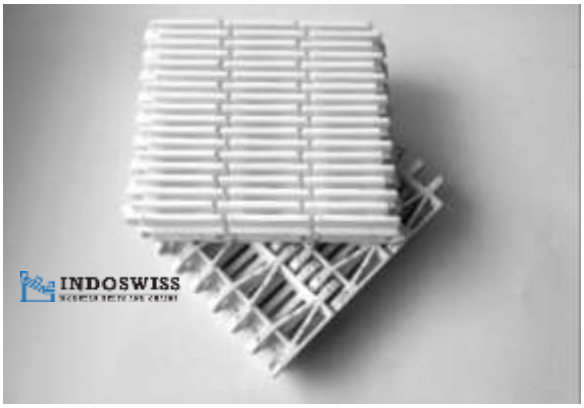
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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

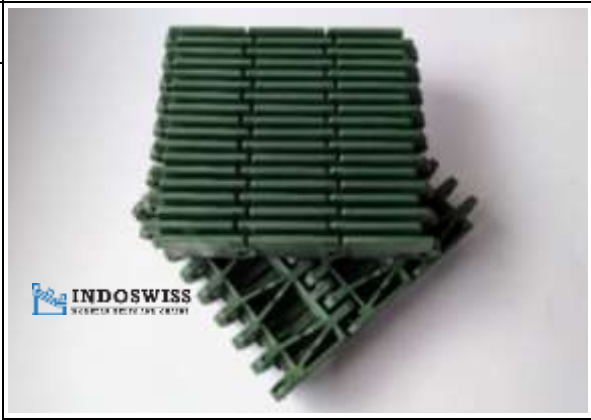
ISMB 50

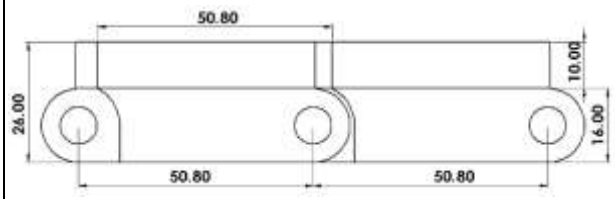
Raised Rib	
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	
Color	Milky White, Green
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



Product Notes

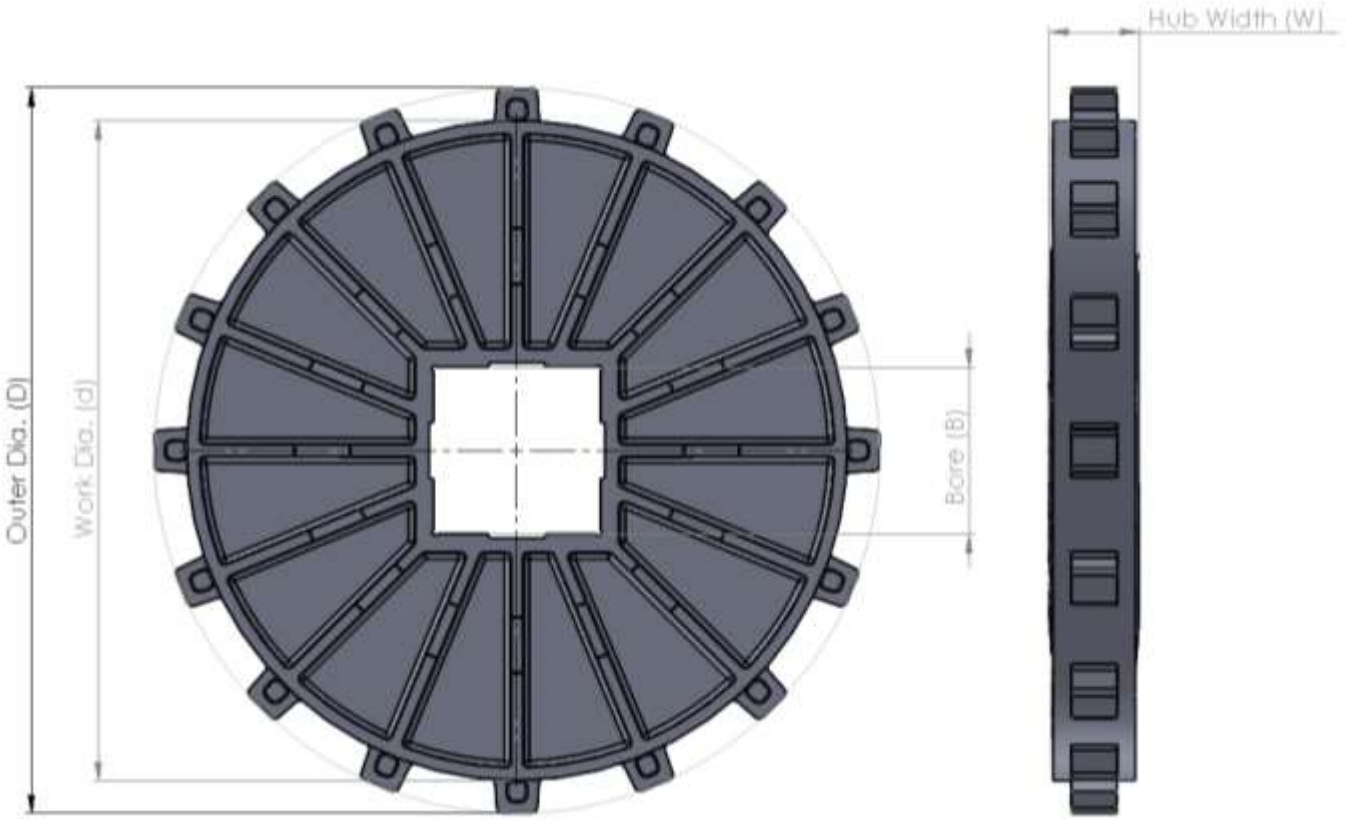
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- ISMB 50 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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





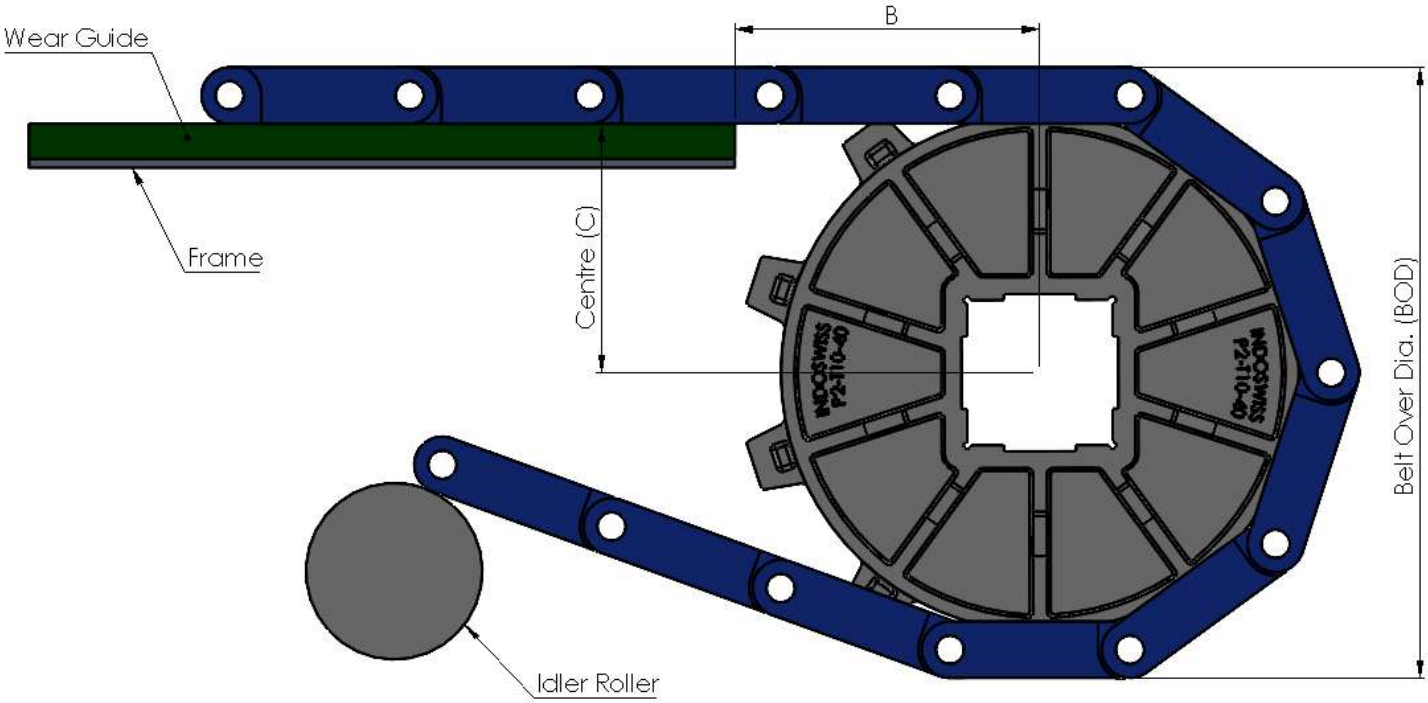
Belt Data			
Belt material	**Standard rod material Ø8 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene, Delrin	1100	+1 to 105
Polyethylene	Polypropylene, Delrin	660	-46 to 66
Acetal	Polypropylene, Delrin	2200	-46 to 66

ISMB 50 Sprocket						
Description	**Teeth(T)**	**Outer Dia.(D)**	**Work Dia.(d)**	**Hub Width(W)**	**Bore(B)**	**Product**
P2-T8	T8	135 mm	112 mm	33 mm	40 mm Square	Std. CNC Molded
P2-T8	T8	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

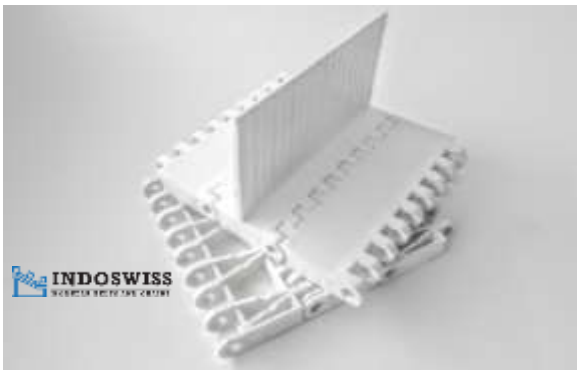
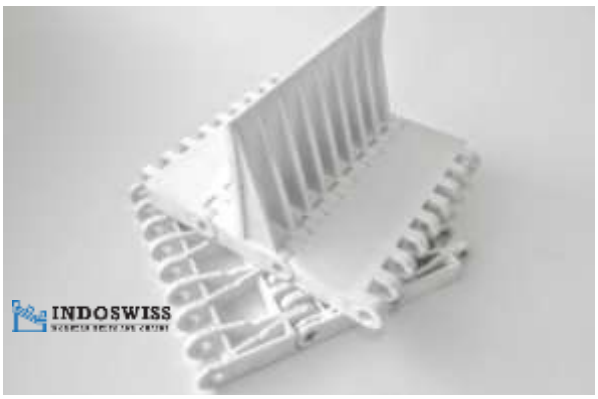


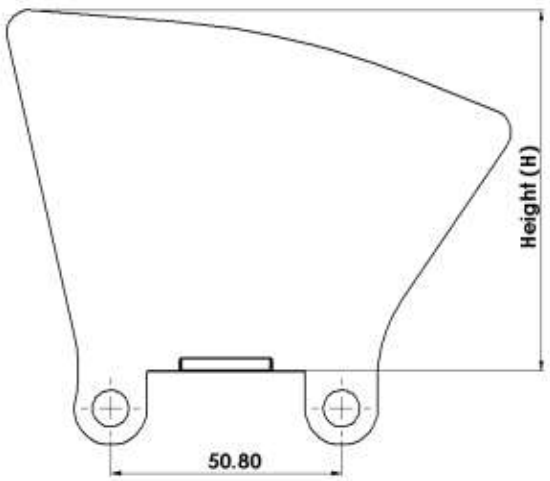
BELT CONVEYOR CONSTRUCTION

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



COMBITIONS BELT MODULE'S PART

<table>
<tr><th colspan="3">Vertical Cleats</th></tr>
<tr><td>Available Flight Height
mm</td><td>Available Materials</td><td rowspan="2">  </td></tr>
<tr><td>25
50
75
100
150</td><td>Polypropylene
Polyethylene
Acetal</td></tr>
<tr><td colspan="2">• 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.</td><td>  </td></tr>
</table>

Moving Side Wall / Guard		
Available Flight Height	**Available Materials**	
mm		
30	Polypropylene Polyethylene Acetal	
80		
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 ISMB 50 modules. • Minimum indent without sideguards:33 mm.		

CD-50 Clamp Down Unit		
Available Pitch mm	**Available Materials**	
50.8	Polypropylene Polyethylene Acetal	
• Clamp down units are fixed below the ISMB 50 modular belts. • It prevents the belt to buckle out during Up turns & In Blanchers etc. for wide belts. • They are used along with standard IS 800 modules. • It also holds down the 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.			

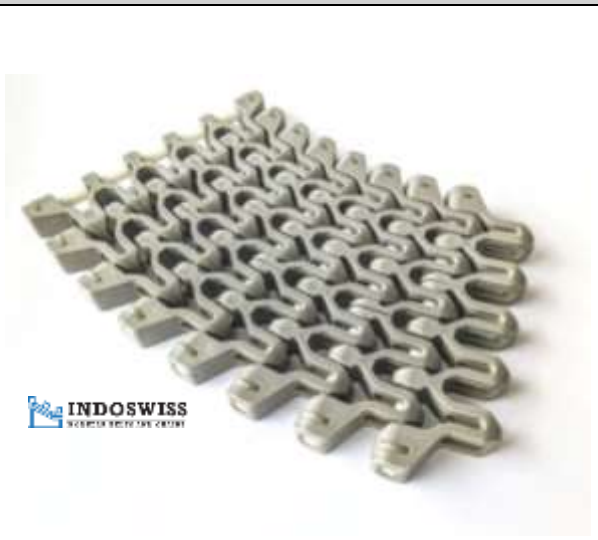
STANDARD BELT CHART

BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
150.5	4
200.5	2
250.5	6
301	5
351	3
401	7
451.5	7
503.5	4
553.5	8
604	9
654	5
704	9
754.5	11
805.5	10
855.5	10
903.5	10
956	7
1006	11
1107.5	8
1208	17
1520	21
1711.5	12
2013.5	14
2197	30
2499	34
2718	37
3020	41

SPIRAL MODULAR BELTS / CURVE BELT- FLEX IS-93

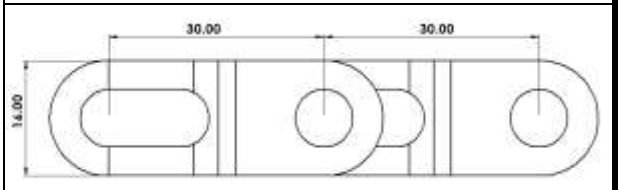
- Spiral Modular belts / Curve Belt are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing 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	

Product Notes

- 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 Tab)		
	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	lock; flat	

Product Notes

- 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.
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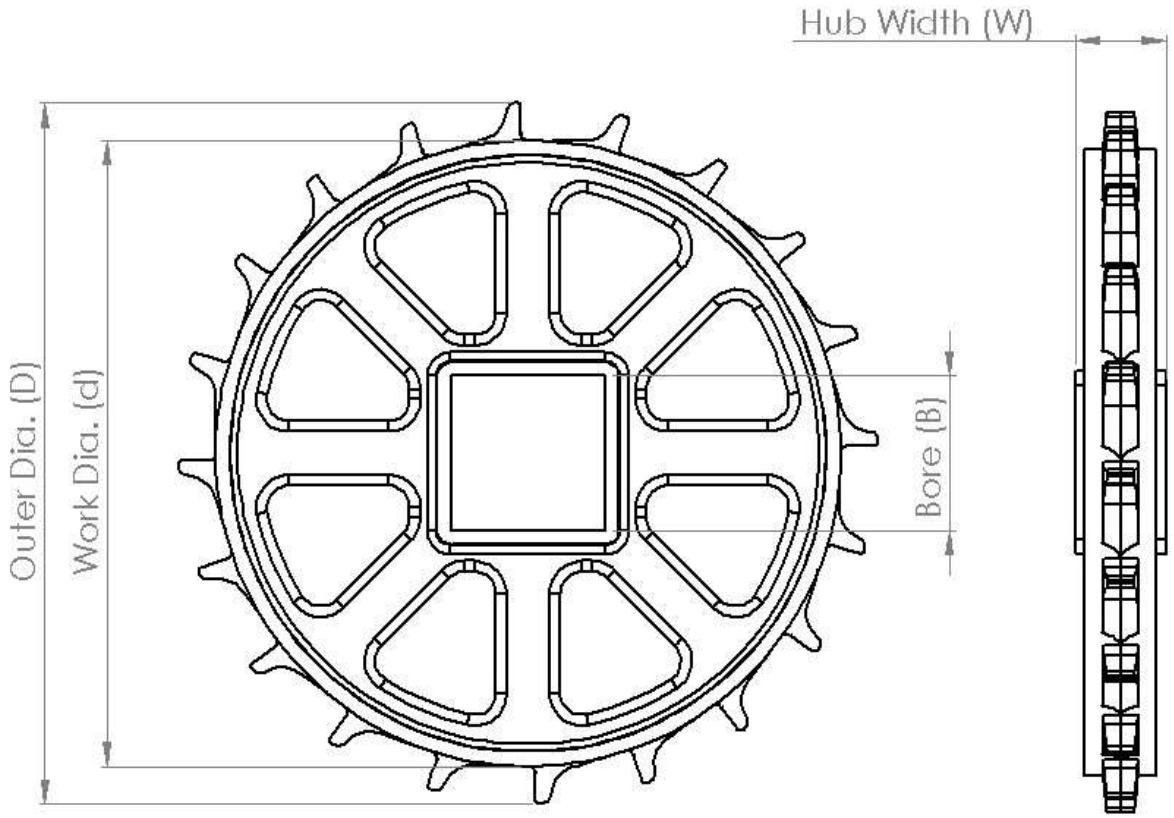
- Vertical Cleats are available.

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		

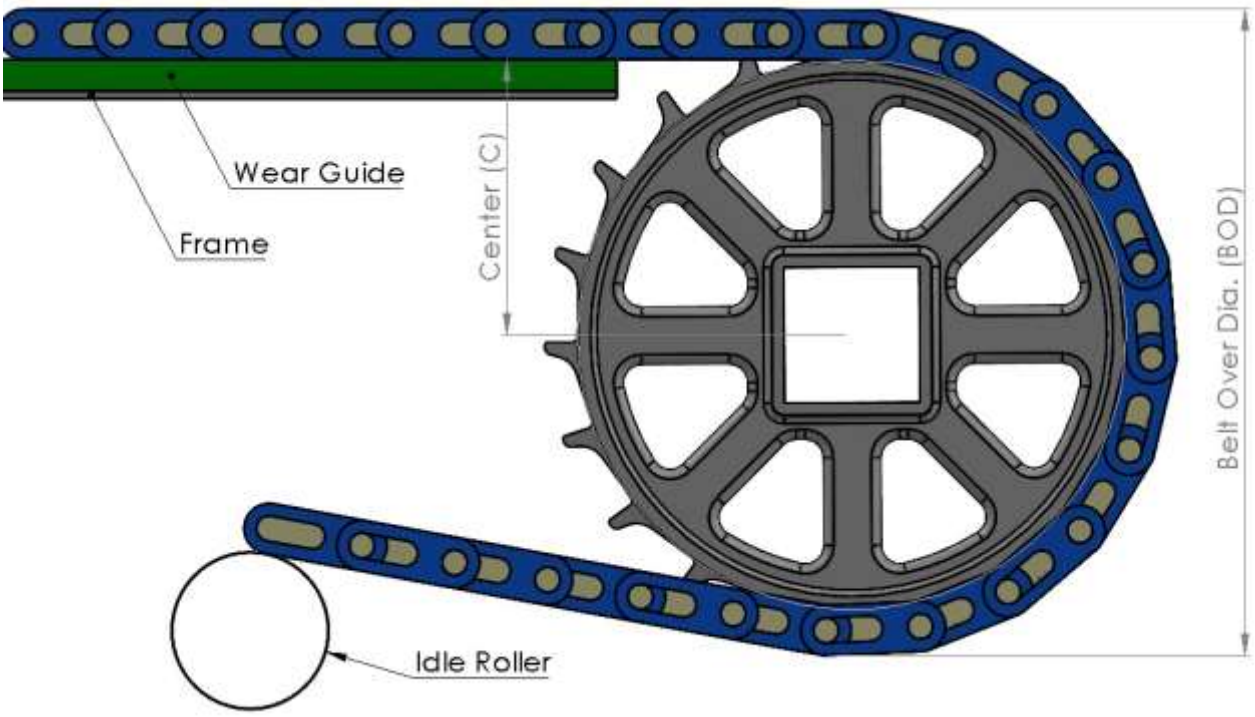
FLEX IS-93 Sprocket						
Description	**Teeth(T)**	**Outer Dia.(D)**	**Work Dia.(d)**	**Hub Width(W)**	**Bore(B)**	**Product**
IS-93 11 T	T 11	105 mm	85 mm	25 mm	40 mm Square	Std. CNC Molded
IS 93 16 T	T 16	153 mm	135 mm	25 mm	40 mm Square	Std. CNC Molded
IS 93 20 T	T 20	191 mm	173 mm	25 mm	40 mm Square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



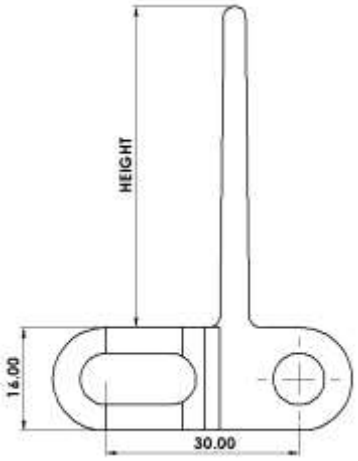
BELT CONVEYOR CONSTRUCTION

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



COMBITIONS BELT MODULE'S PART

<table>
<tr><th colspan="3">Vertical Cleats</th></tr>
<tr><td>Available Cleat Height
mm</td><td>Available Materials</td><td rowspan="2"> 
</td></tr>
<tr><td>25
50
75</td><td>Polypropylene
Polyethylene
Acetal</td></tr>
<tr><td colspan="2">• 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.</td><td> 
</td></tr>
</table>

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	
• 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

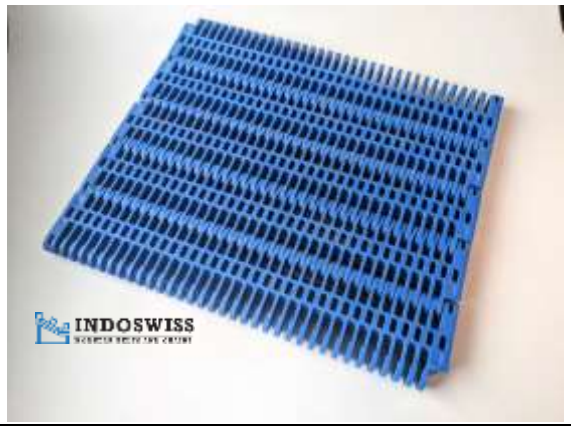
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most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

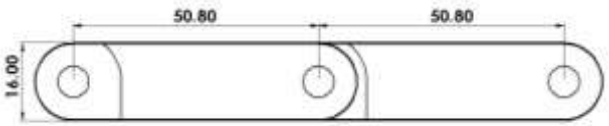
IS400 MODULAR BELTS

IS 400 Flush Grid	
	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

Product Notes

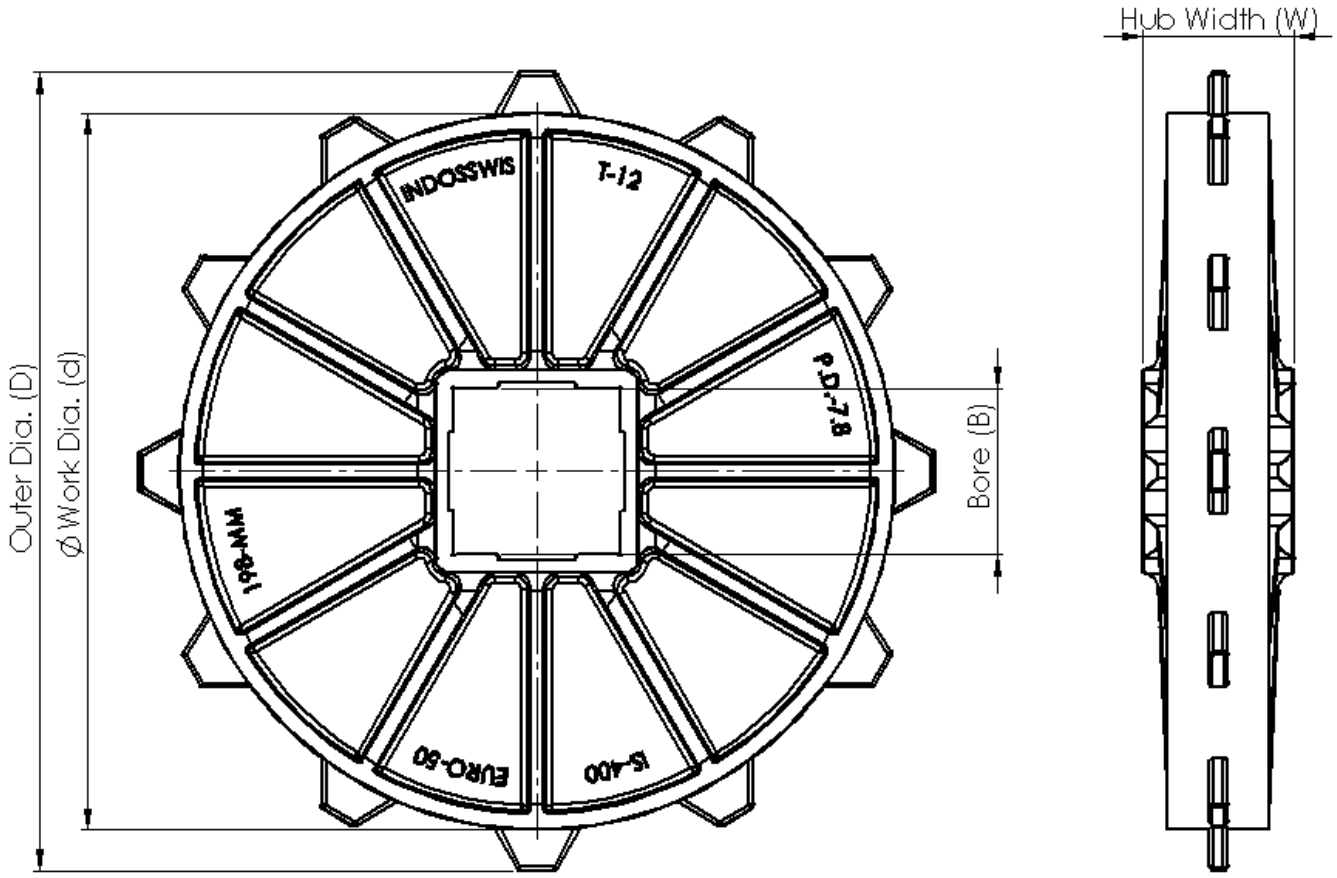
- Specially design for battery line with Acid Proof material.
- Most preferred for medium & Heavy weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS-400 is general purpose Heavy & medium duty conveyor belts used for straight run conveying, washing,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





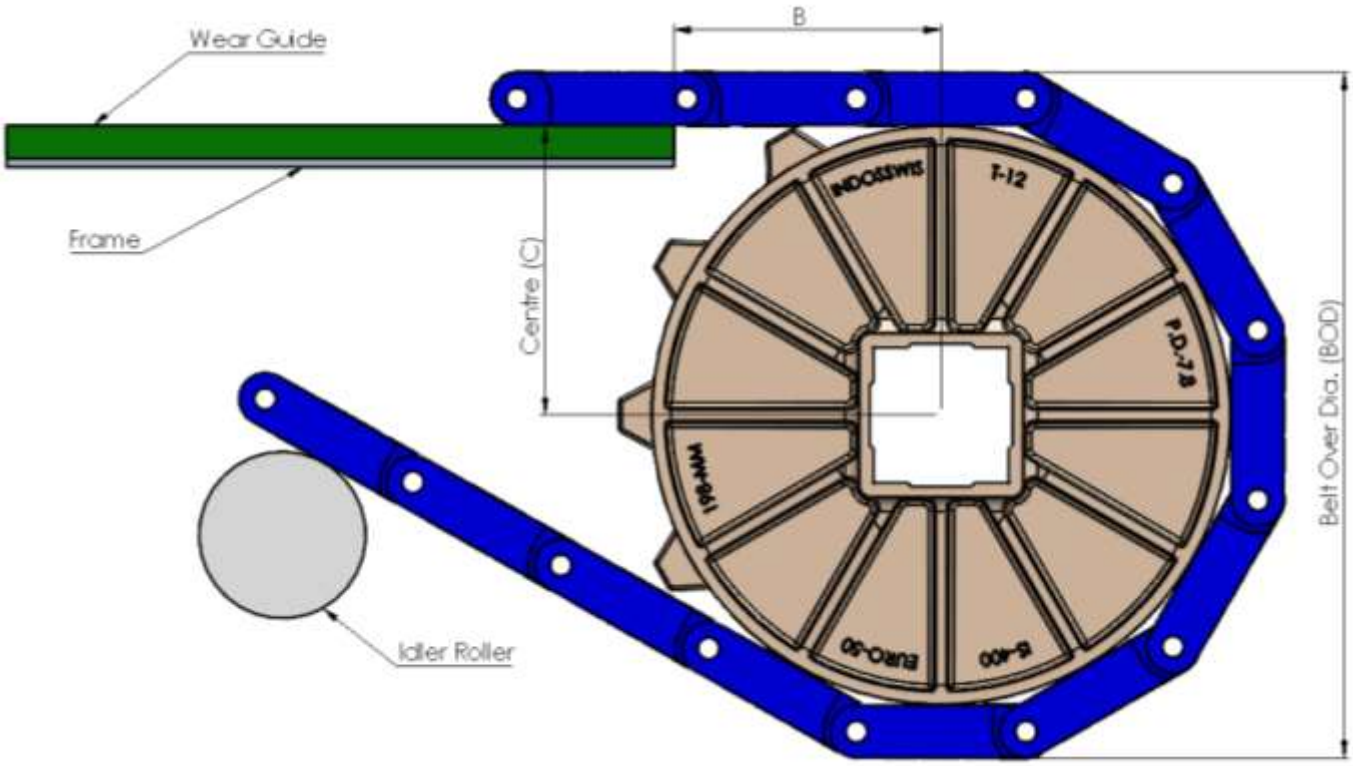
Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	3570	+1 to 104
Polyethylene	Polypropylene	2680	-46 to 66
Acetal	Polypropylene	4760	-46 to 66

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)	B	Center (C)
T 10		70 mm	
T 12		76 mm	



IS-900 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 IS-400 sprockets.			

STANDARD BELT CHART FOR IS-400

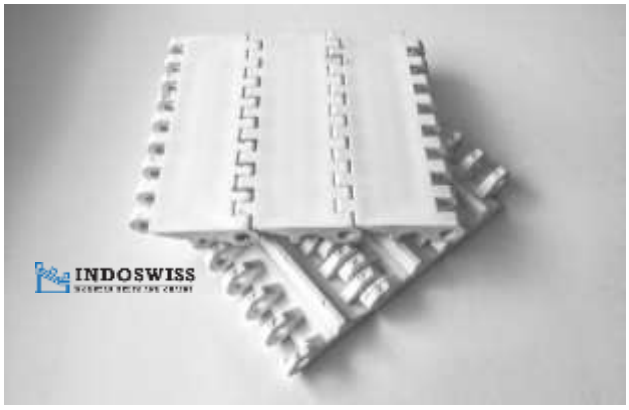
BELT WIDTH RANGE IN MM	MAX NO. OF SPROCKET PER SHAFT
305	3
356	3
381	3
406	3
457	3
508	5
610	5
762	5
813	7
914	7
1067	7
1219	9
1372	9
1524	11
1829	13
2134	15
2438	17
3048	21
3658	25

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.

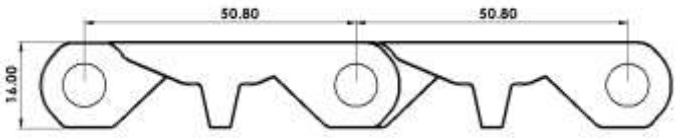
IS-800 MODULAR BELTS

Flat Top	
	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 Type	Clip; flat



Product Notes

- 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.

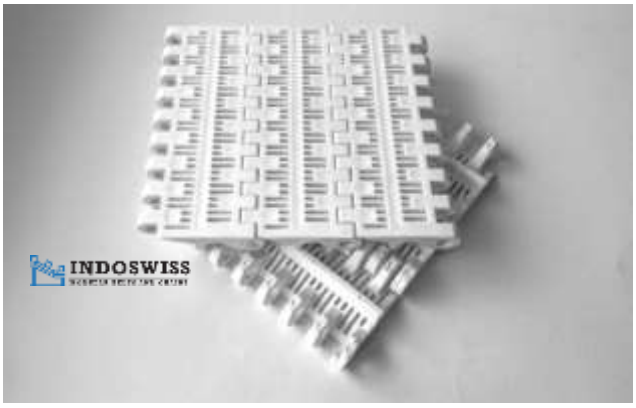


Belt Data			
Belt material	**Standard rod material Ø8 mm**	**Belt strength kg/m**	**Temperature range (continuous) °C**
Polypropylene	Polypropylene	1620	+1 to 105
Polyethylene	Polypropylene	1310	-46 to 66
Acetal	Polypropylene	2772	-46 to 66

IS 800

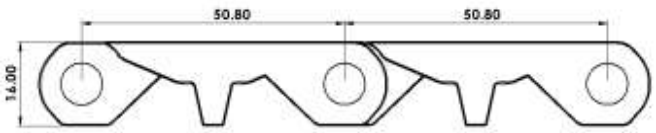
Flush Top

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



Product Notes

- 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.



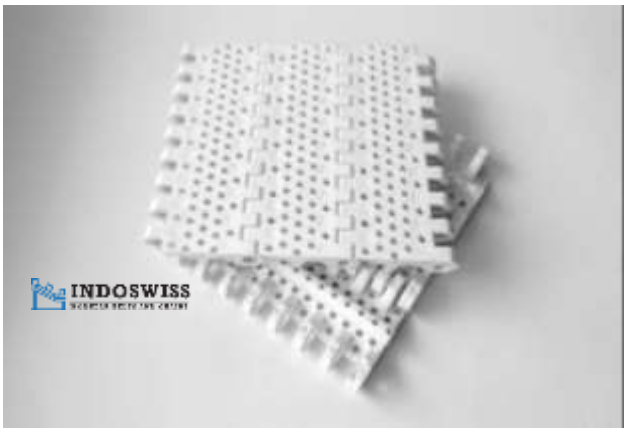
Belt Data

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

IS 800

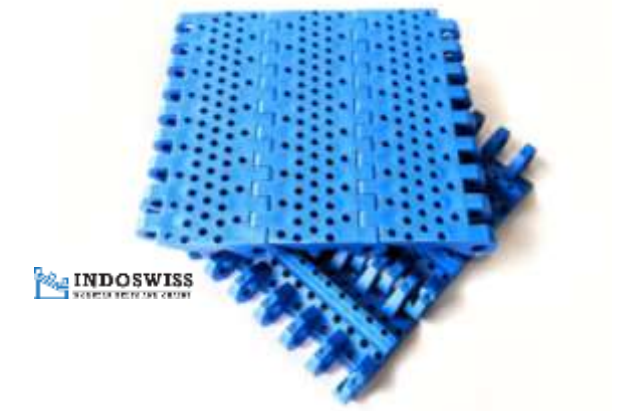
Round Flush Top

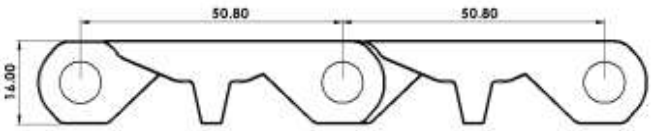
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	20%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



Product Notes

- 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.





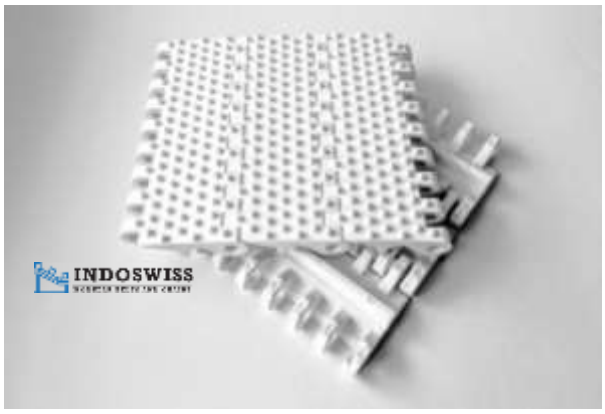
Belt Data

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

IS 800

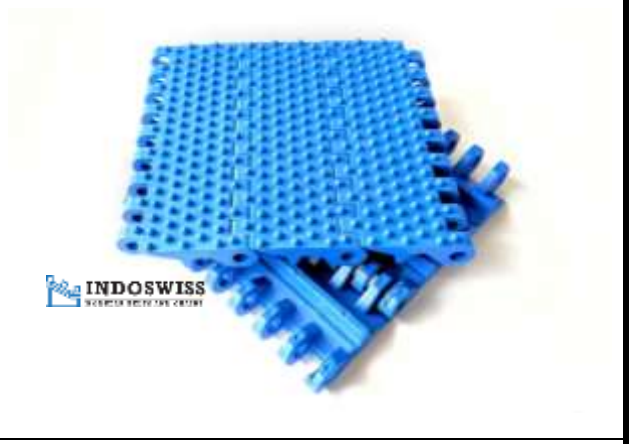
Nub Top

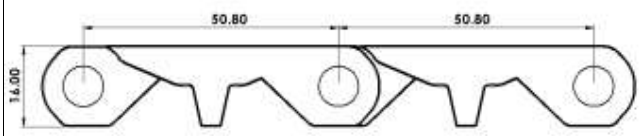
	mm
Pitch	50.8
Minimum Width	150
Width Increments	16.8
Belt Thickness	16
Open Area	0%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip; flat



Product Notes

- 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.





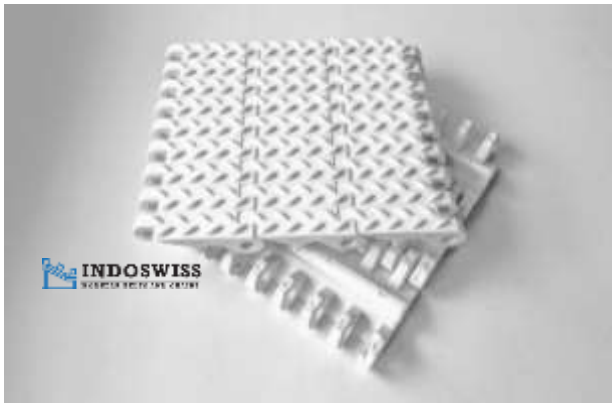
Belt Data

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

IS 800

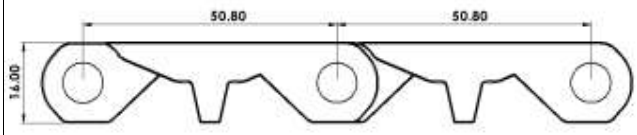
Rough Top

	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 Type	Clip; flat



Product Notes

- 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

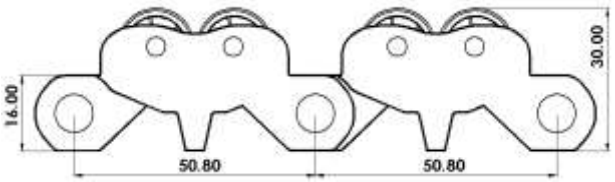
Belt material	Standard rod material Ø8 mm	Belt strength kg/m	Temperature range (continuous) °C
Polypropylene	Polypropylene	1620	+1 to 105
Polyethylene	Polypropylene	1310	-46 to 66
Acetal	Polypropylene	2772	-46 to 66

IS 800

In liner 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
Rod Retention; Rod Type	Clip; flat

Product Notes

- 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.

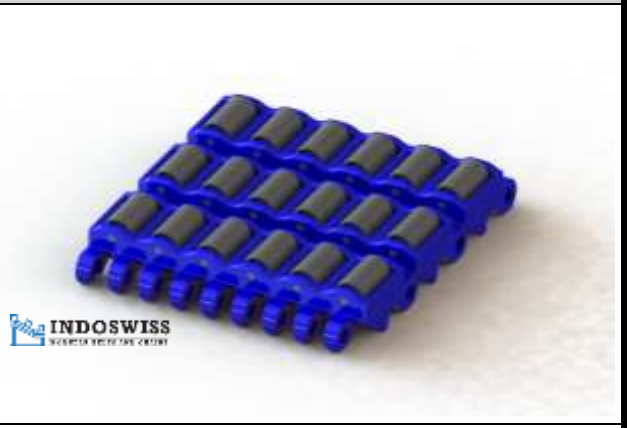


Belt Data			
Belt material	**Standard rod material**	**Belt strength**	**Temperature range (continuous)**
	Ø8 mm	**kg/m**	**°C**
Polypropylene	Polypropylene	1620	+1 to 105
Polyethylene	Polypropylene	1310	-46 to 66
Acetal	Polypropylene	2772	-46 to 66

IS 800

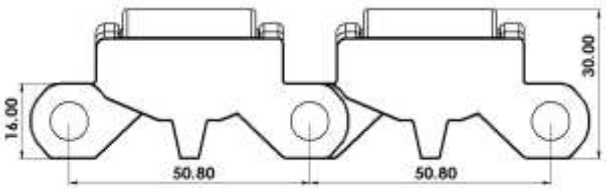
Cross Liner Top

	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
Rod Retention; Rod Type	Clip; flat



Product Notes

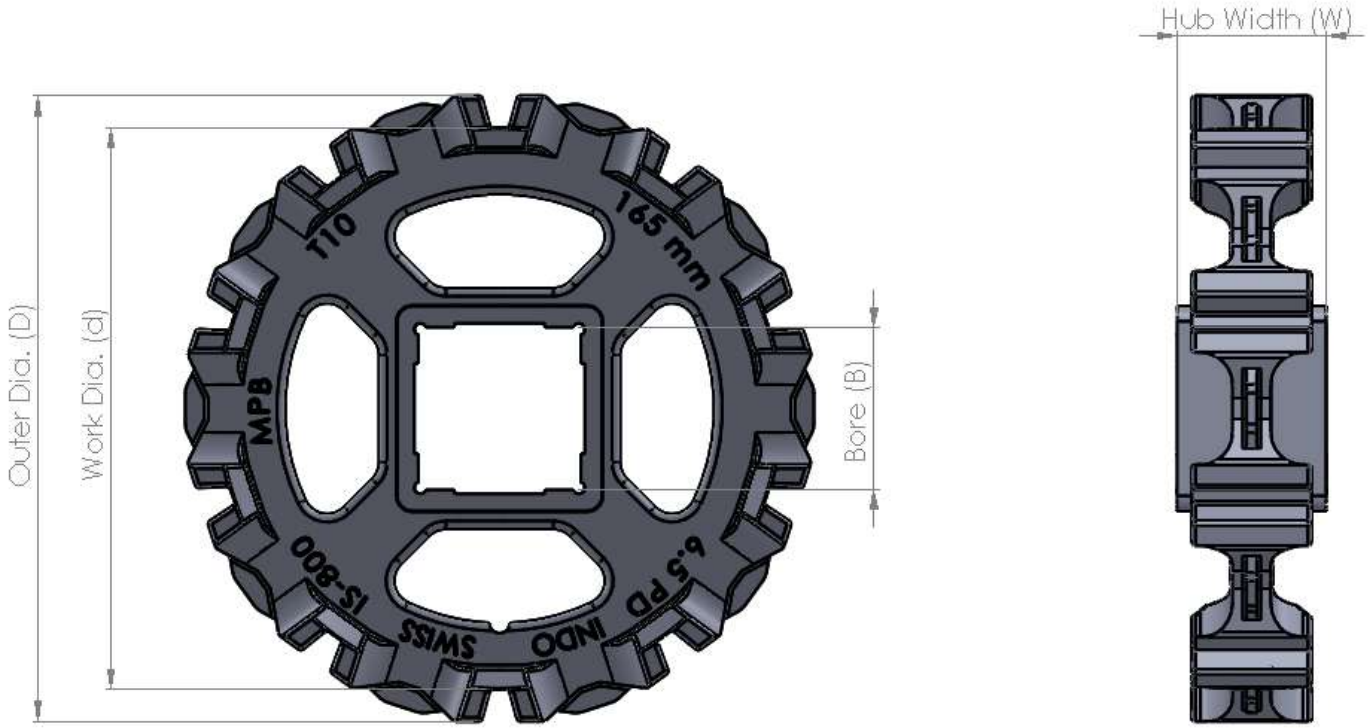
- Most preferred for medium & heavy weight material movement.
- Heavy duty & Impact resistant Smooth, closed upper surface with fully flush edges.
- IS 800 conveyor belts gets the confidence of most of the industrial users with rugged and continuous working in food, beverage, meat, FMCG, Cartons, Automobile,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



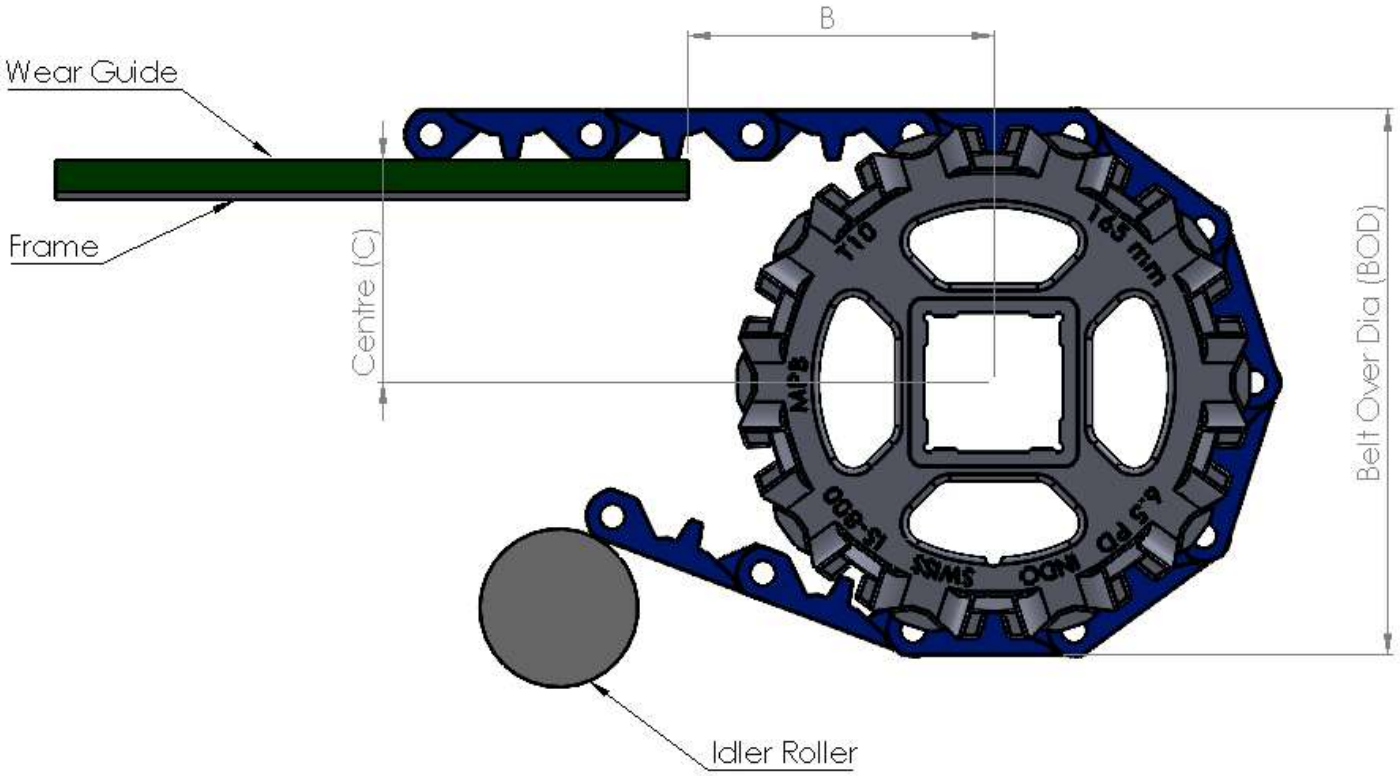
Belt Data

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

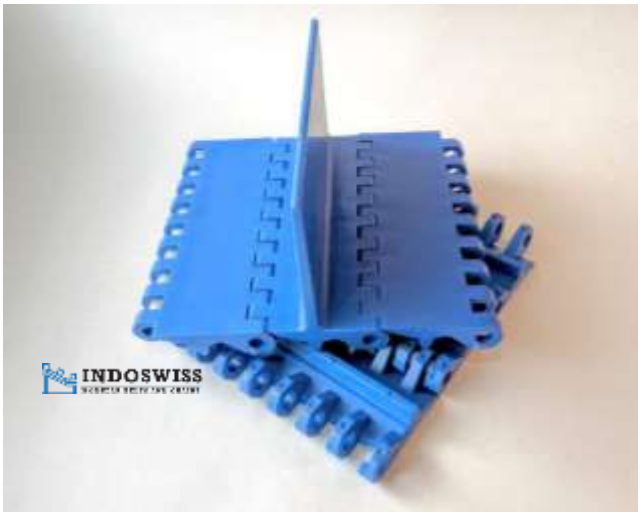
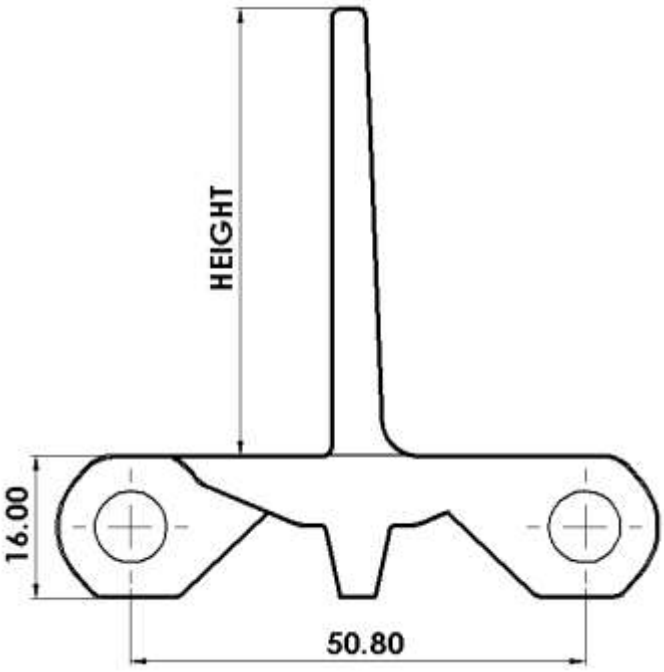
IS-800 Sprocket						
Description	**Teeth(T)**	**Outer Dia.(D)**	**Work Dia.(d)**	**Hub Width(W)**	**Bore(B)**	**Product**
MPB T8	T8	123 mm	106 mm	37 mm	40 mm square	Std. CNC Molded
MPB T8	T8	125 mm	106 mm	37 mm	30 mm round	Std. CNC Molded
MPB T10	T10	156 mm	140 mm	37 mm	40 mm square	Std. CNC Molded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

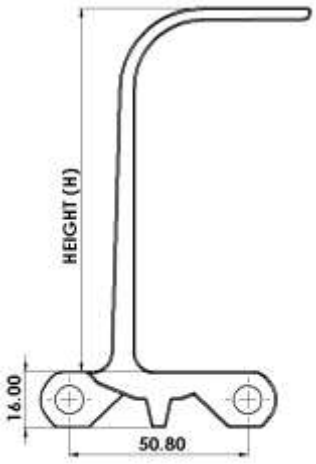


COMBITIONS BELT MODULE'S PART



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

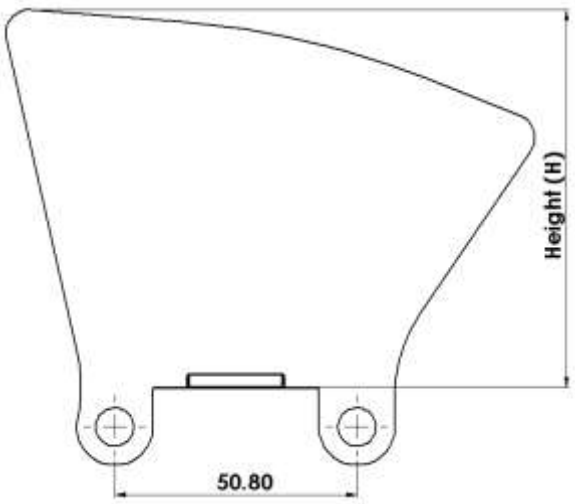
<table>
<tr><th colspan="3">Vertical Cleats</th></tr>
<tr><td>Cleat Height
mm</td><td>Available Materials</td><td rowspan="2"> 
</td></tr>
<tr><td>25
50
75
100
150</td><td>Polypropylene
Polyethylene
Acetal</td></tr>
<tr><td colspan="2">• IS-800 VT are the vertical cleats used for the lifting the materials from horizontal planes to the Vertical heights or upper planes
• Vertical Cleats can be cut and combined for custom-built belts.
• Minimum indent without sideguards:33 mm.
• They are used along with standard IS 800 modules.</td><td> 
</td></tr>
</table>

Scoop Cleats		
Scoop Height	**Available Materials**	
mm		
100	Polypropylene Polyethylene Acetal	
150		
• IS-800 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. • Minimum indent without sideguards:33 mm. • They are used along with standard IS 800 modules.		

Moving Side Wall / Guard

Available Flight Height	Available Materials
mm	
30	Polypropylene Polyethylene Acetal
80	
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 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 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

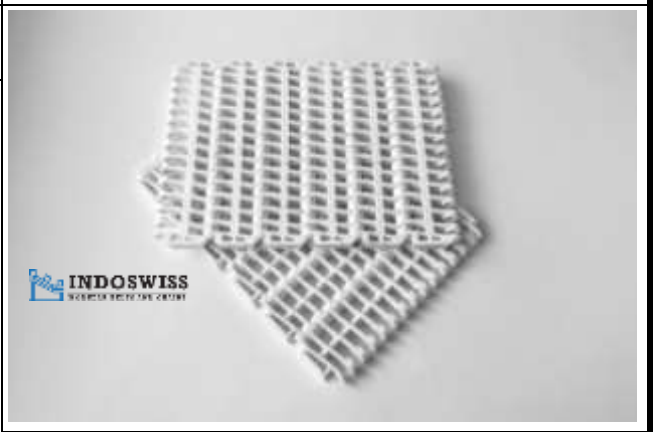
- Straight Run Modular belts are made of special grades of modified engineering Polymer Plastics to give extensive & diversified application in different industries.
- Plastic Belt Modules are arranged in Staggered (Brick wall) pattern to give inherent strength
- These belts are rapidly replacing most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

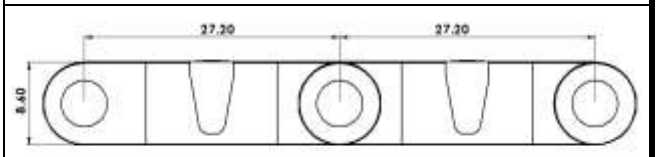
IS 900 MODULAR BELTS

IS 900 Flush Grid		
	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	

Product Notes

- 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.



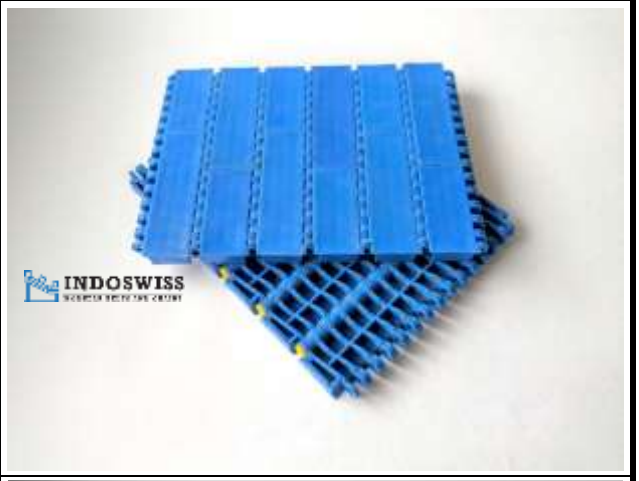


Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	1040	+1 to 104
Polyethylene	Polypropylene	520	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

INDOSWISS
MODULAR BELTS AND CHAINS

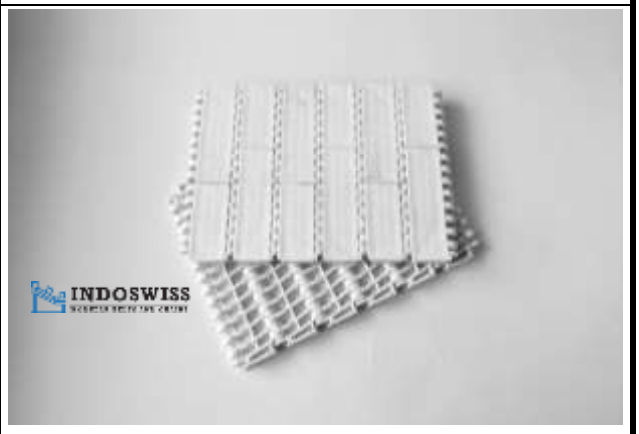
IS 900

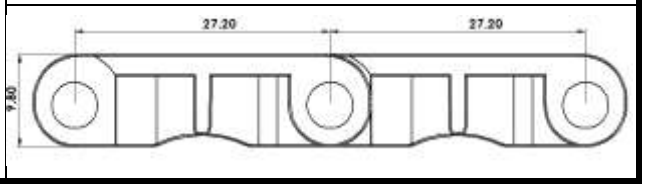
IS 900 Flat Top	
	Mm
Pitch	27.2
Minimum Width	66
Width Increments	8.4
Belt Thickness	9.8
Open Area	0%
Color	Blue, Milky White, Grey
Drive Method	Front; Center
Rod Retention; Rod Type	Clip in lock; flat



Product Notes

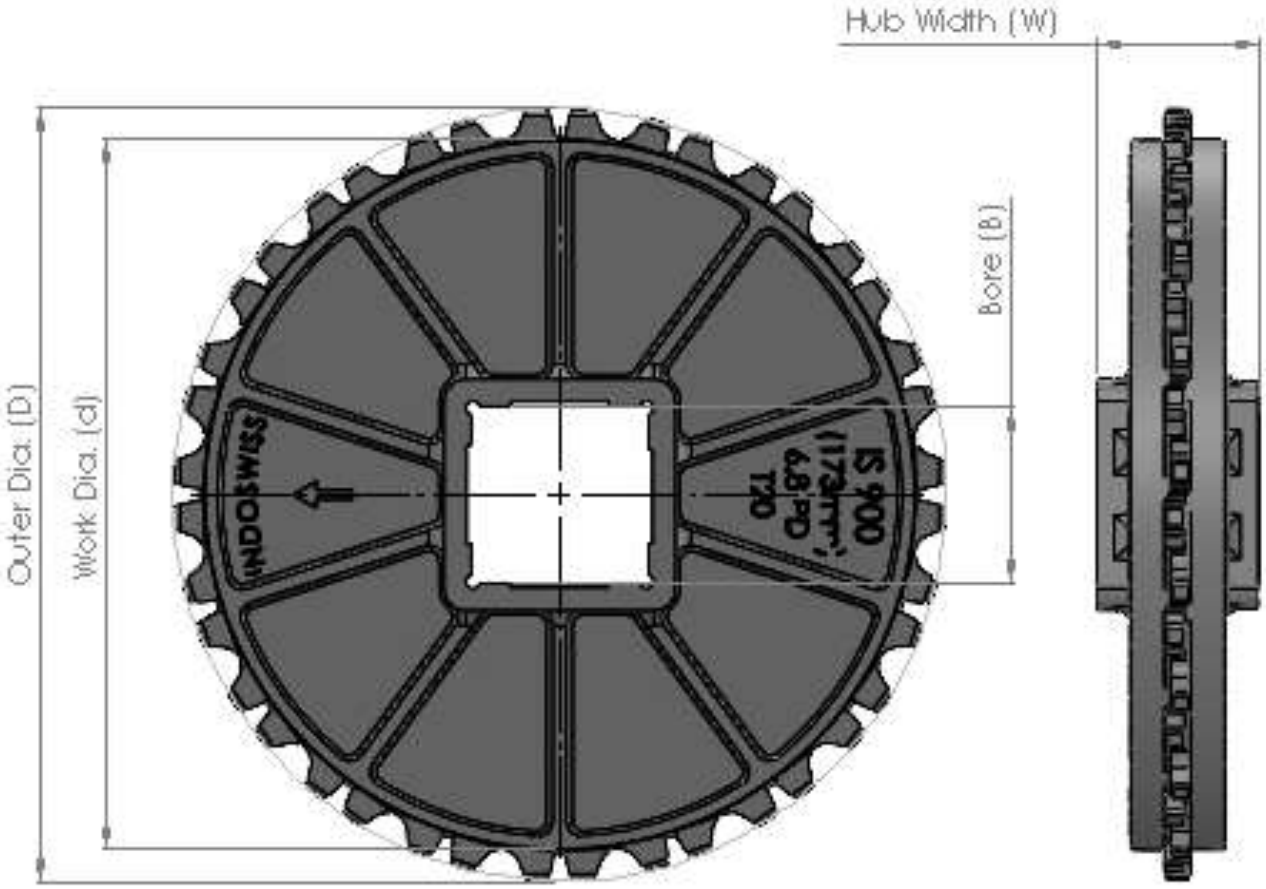
- Most preferred for medium & Light weight material movement.
- Impact resistant Smooth, closed upper surface with fully flush edges.
- IS-900 is general purpose light & medium duty conveyor belts used for straight run conveying, washing, drying, cooling, & packing application across all industrial processes.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





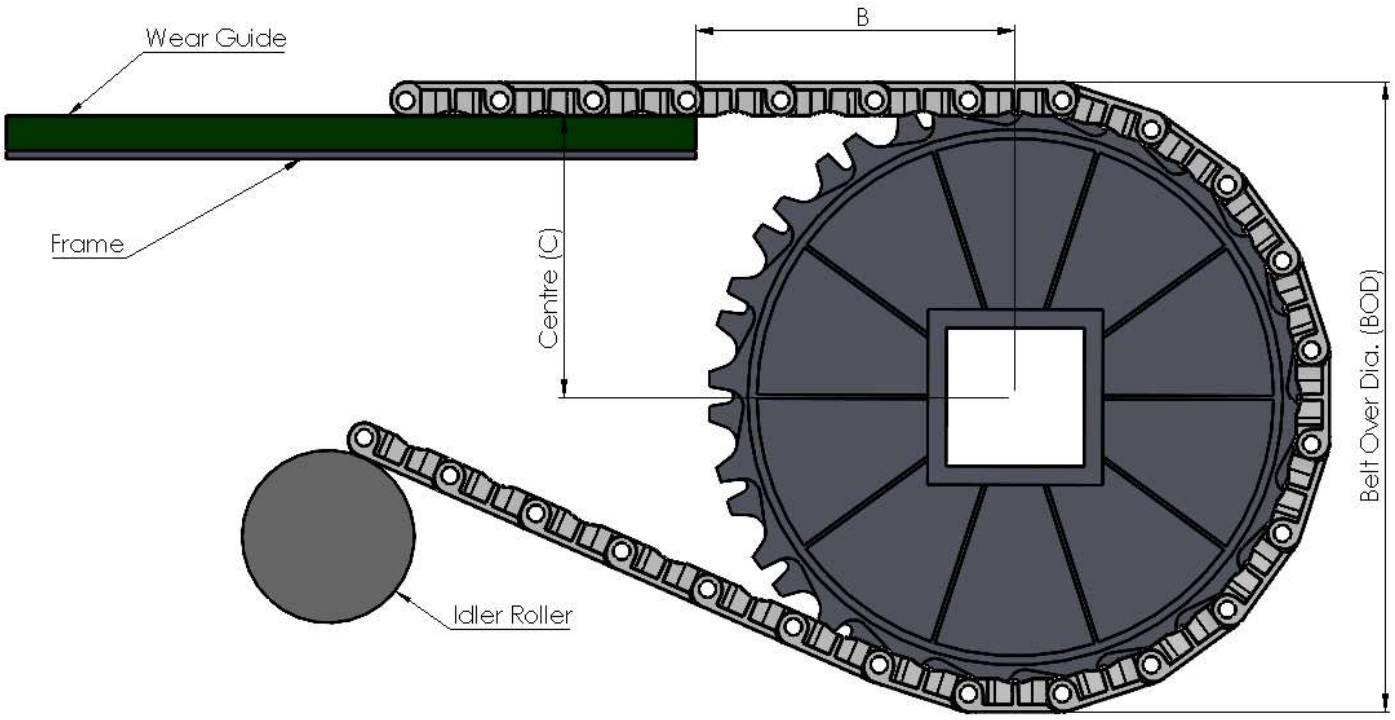
Belt Data			
Belt material	**Standard rod material Ø5 mm**	**Belt strength**	**Temperature range (continuous)**
		kg/m	**°C**
Polypropylene	Polypropylene	1040	+1 to 104
Polyethylene	Polypropylene	520	-46 to 66
Acetal	Polypropylene	2200	-46 to 66

IS-900 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
T 18	159.5 mm	145 mm	37 mm	40 mm Square	155 mm	Std. CNC Molded
T 20	177.5 mm	163 mm	37 mm	40 mm Square	177 mm	Std. CNC Molded
T 20	177.5 mm	163 mm	37 mm	40 mm Square	177 mm	Std. CNC Molded

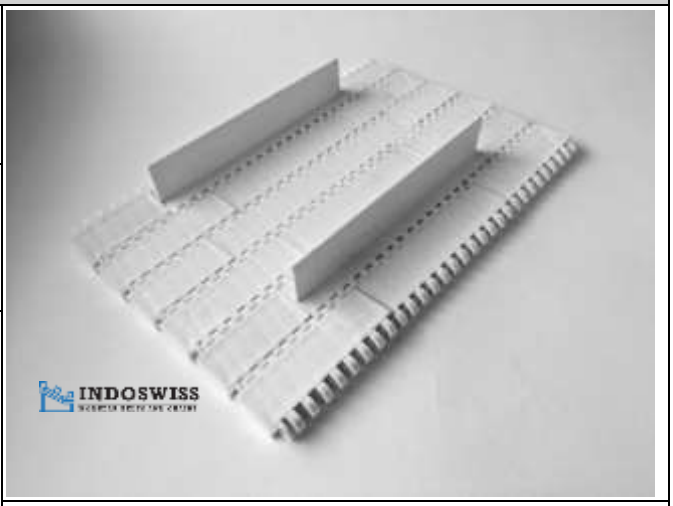
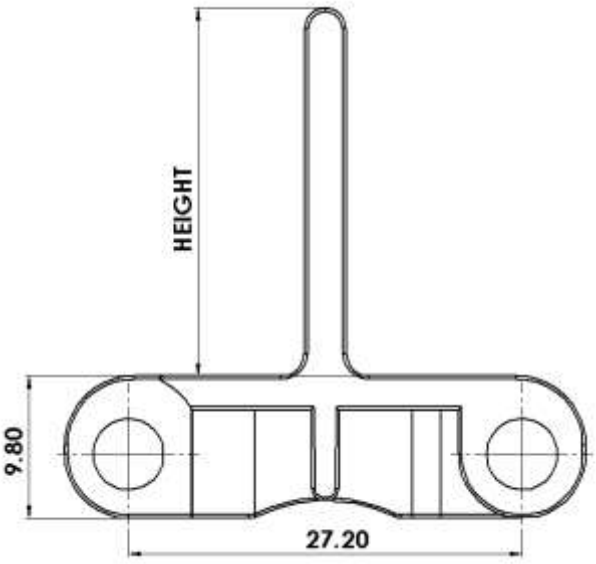


BELT CONVEYOR CONSTRUCTION

Teeth	Belt Over Dia. (BOD)	B	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

Vertical Cleats		
Available Cleat Height mm	**Available Materials**	
25	Polypropylene Polyethylene Acetal	
50		
• 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 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 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
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