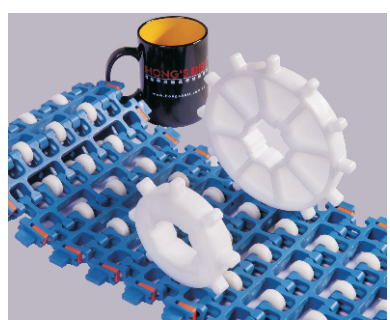
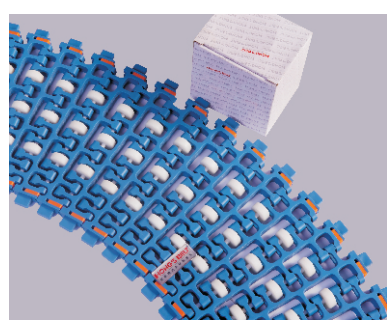
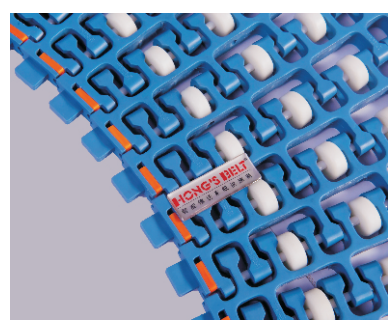
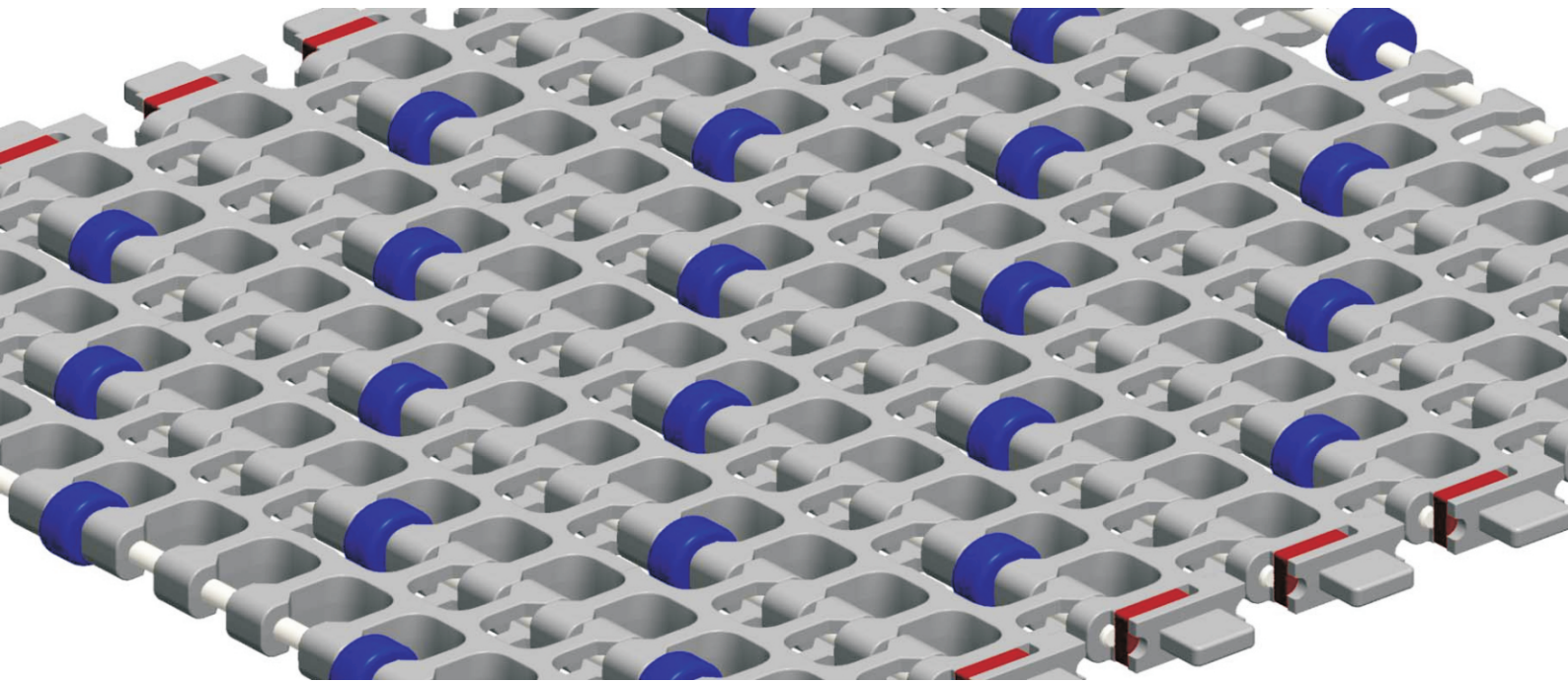


## HS-300B-PLUS-C Technical Data Sheet



Pitch: 45mm Minimum Width: 242mm Open Area: 52% Permit: FDA Rod: Ø 5.8mm Flight: Non Side Guard: Non Curve : Yes	
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## Data

Belt Material	Belt Strength				Temperature		Belt Weight (Kg/M <sup>2</sup> )
	Straight		Curve		°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
<b>Polypropylene</b>	1870	18700	187	187	1	100	6.4
<b>Polyethylene</b>	1330	13300	133	133	- 60	60	6.9
<b>Acetal</b>	2900	29000	290	290	- 40	80	9.6
<b>Nylon</b>	1870	18700	187	187	1	180	8.8

BW – Belt Width

## Color Table

Polypropylene					Polyethylene					Acetal					Nylon				
W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B
●	●						●			●				●				●	

W–White, G–Gray, N–Nature, DB–Dark brown, B–Blue

## Friction Tables

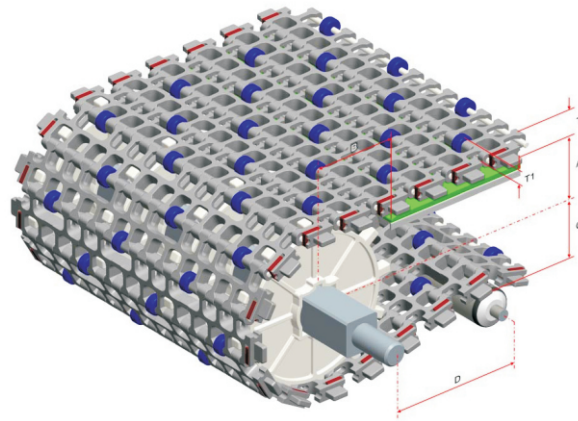
Belt Material	Friction Wearstrips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
<b>Polypropylene</b>	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
<b>Polyethylene</b>	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
<b>Acetal</b>	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
<b>Nylon</b>	0.18	0.13	0.25	0.16	0.26	0.16	0.19	0.27

SUS – Stainless Steel

## Equivalent type with other Brand

Brand Name	Intralox	UNI	Rexnord	MCC	Habasit	KVP
Series & Type	2200	Flex-SNB	1200		2500	610
			7956		3800	

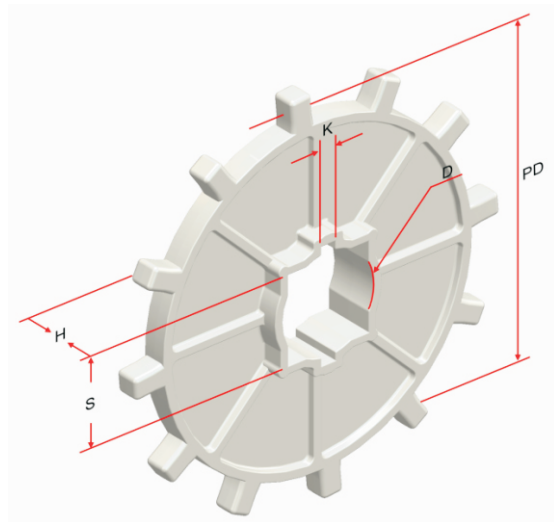
The above content is only for reference.



**Conveyor Frame Dimensions**

**Unit : mm**

No. Teeth	A ( Min.)	B ( Min.)	C ( Max.)	D ( Min.)	T	T1
8	52.5	70	49	250	15	4.5
12	84.7	102.2	81.2	250		

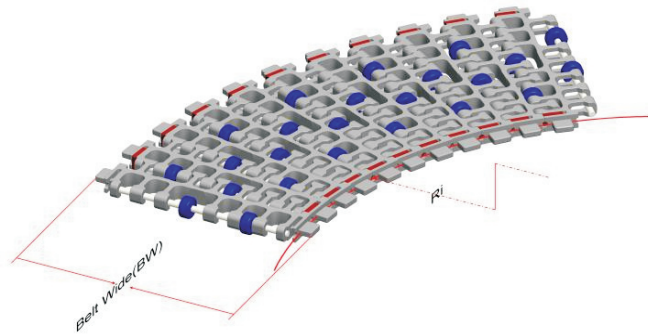


**Sprocket Dimensions**

**Unit: mm**

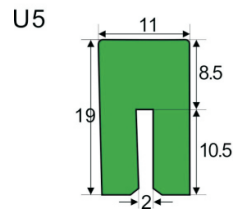
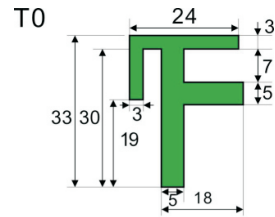
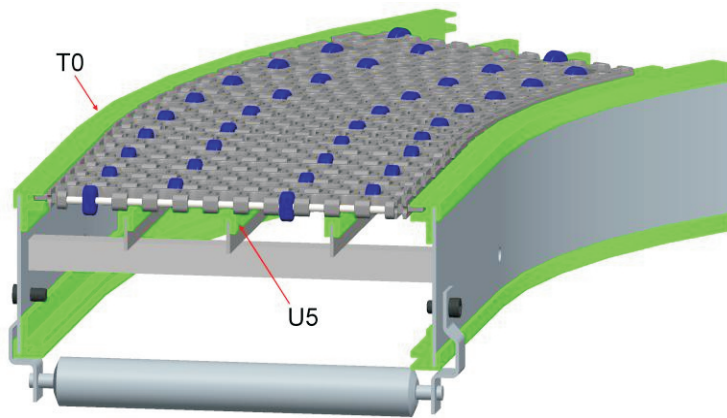
No. Teeth	PD	S	D	H	K
8	120	38.5/40.5	25.2/25.5/38.1	25	6.35X3.17
12	184.5	38.5/40.5	30.5/46.5	24	8X8

## Design Guide Summary



- ⌘ The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- ⌘ The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- ⌘ The minimum straight run section between two turns of opposing direction must be 2 times of the belt width in Length.

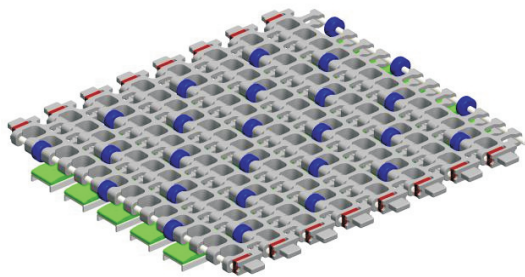
## Guide Rail & Wear Strips



- ⌘ We have different kinds of guide rail and wear strips for your choice; For more information, please consult our sales team.

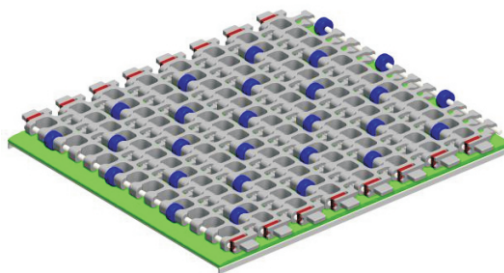
## Support Mode of Insert Roller

### ⌘ Accumulation



Wear Strips are placed between rollers for accumulation.

### ⌘ Multi-Speed



Wear Strips are placed under the rollers and the speed of products on the belt will be 2 times of the belt speed.