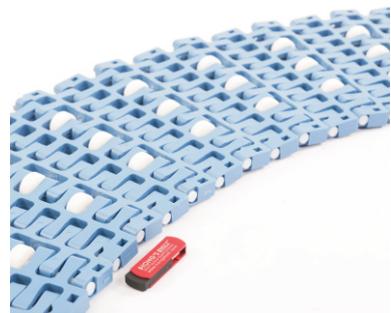
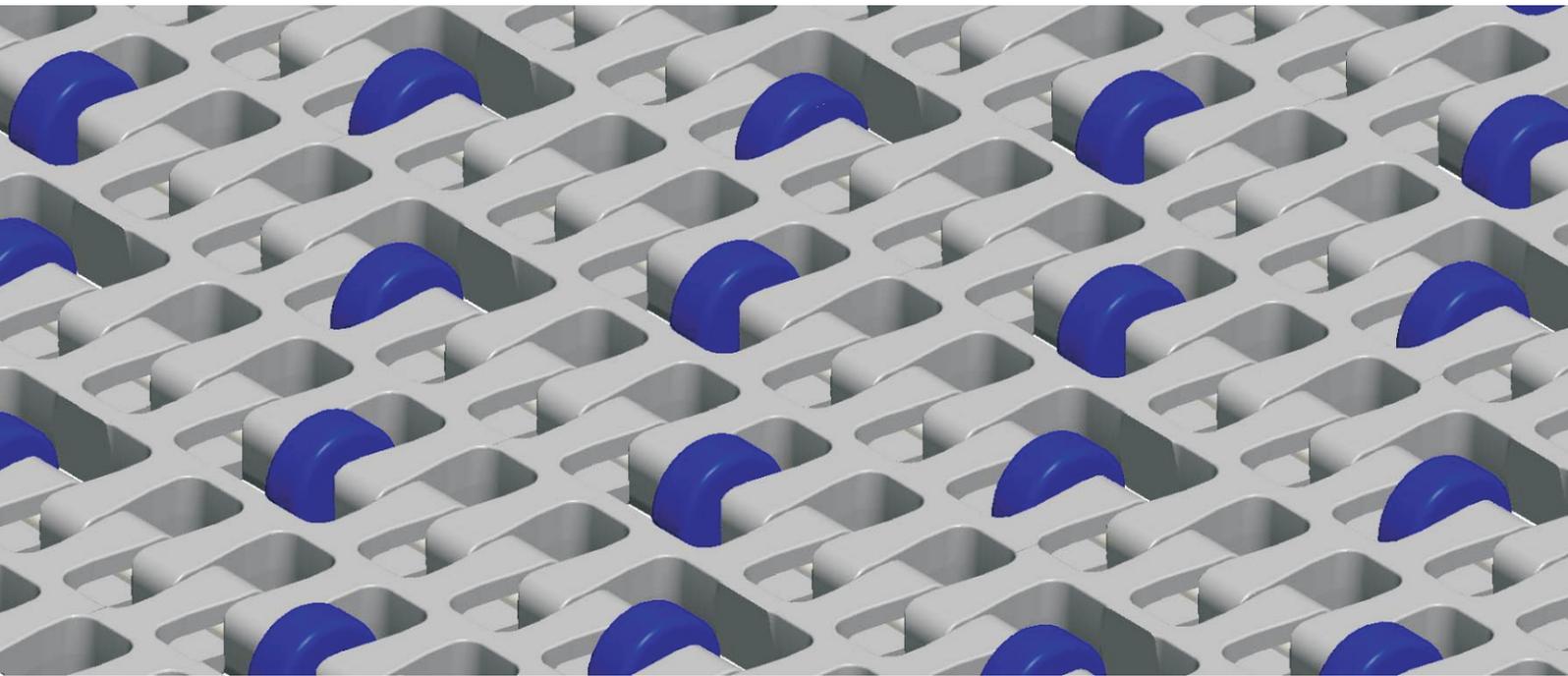


## HS-300B-HD-C Technical Data Sheet



<p>Pitch: 46.2mm                  Minimum Width: 218mm                  Open Area: 38%                  Approved: FDA                  Rod: Ø 5.8mm                  Flight: No                  Side Guard: No                  Curve: Yes</p>	
---	--

## Data

Belt Material	Belt Strength				Temperature		Belt Weight
	Straight		Curve		°C (min.)	°C (max.)	(Kg/M <sup>2</sup> )
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	2060	20600	206	2060	1	100	7.1
Polyethylene	1460	14600	146	1460	-60	60	7.6
Acetal	3170	31700	317	3170	-40	80	10.5
Nylon	2050	20500	205	2050	1	180	9.7

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 (For more information of belt color, pls consult our sales team)

## Friction Table

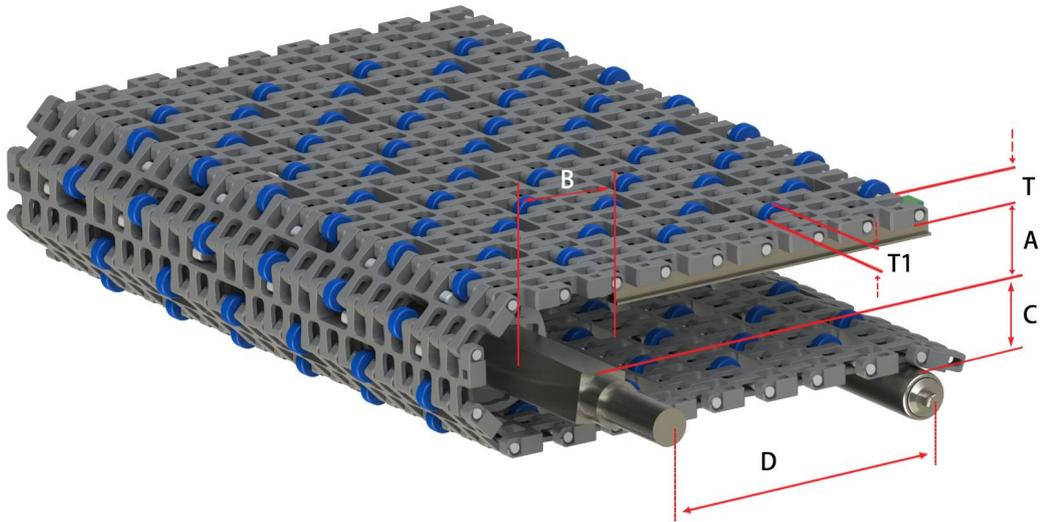
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

## Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	--	--	--	--	--	--

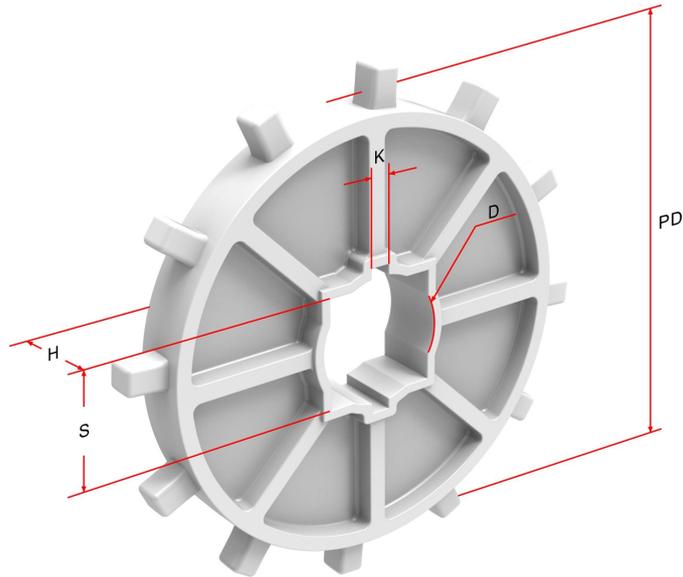
The above content is only for reference.



**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		

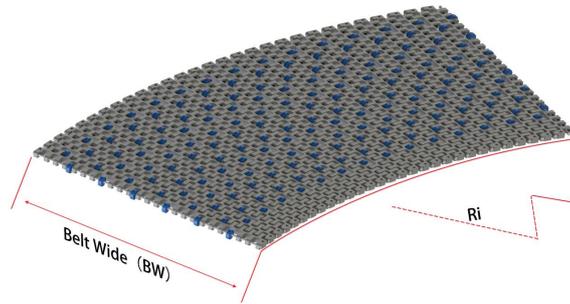


**Sprocket Dimensions**

Unit: mm

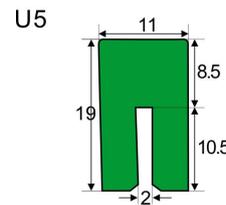
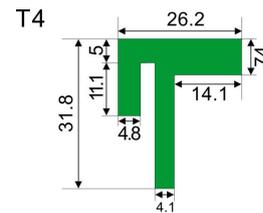
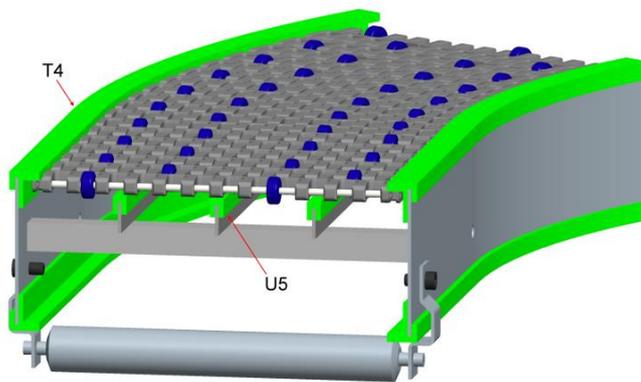
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

## Design Guide Summary



- The minimum turning radius (inside) is 2.7 times of belt width under all feasible belt Width, 3.2 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.

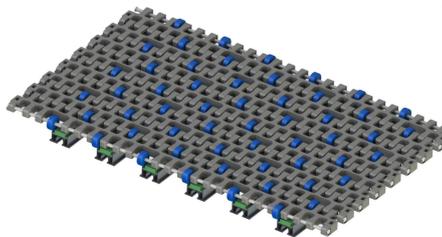
## Guide Rail & Wear Strips



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

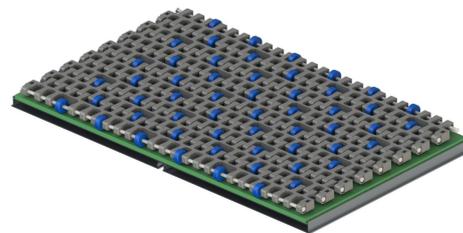
## Support Mode of Insert Roller

- **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.