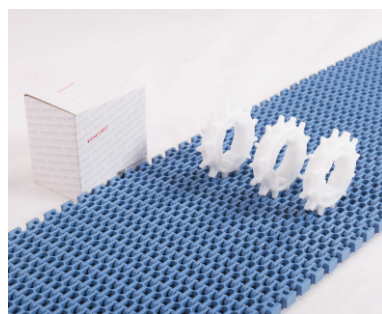
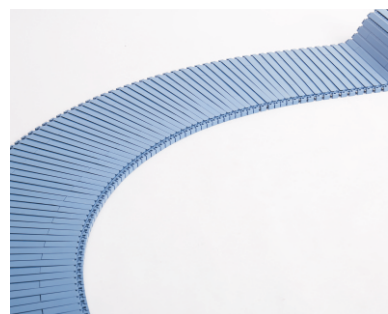
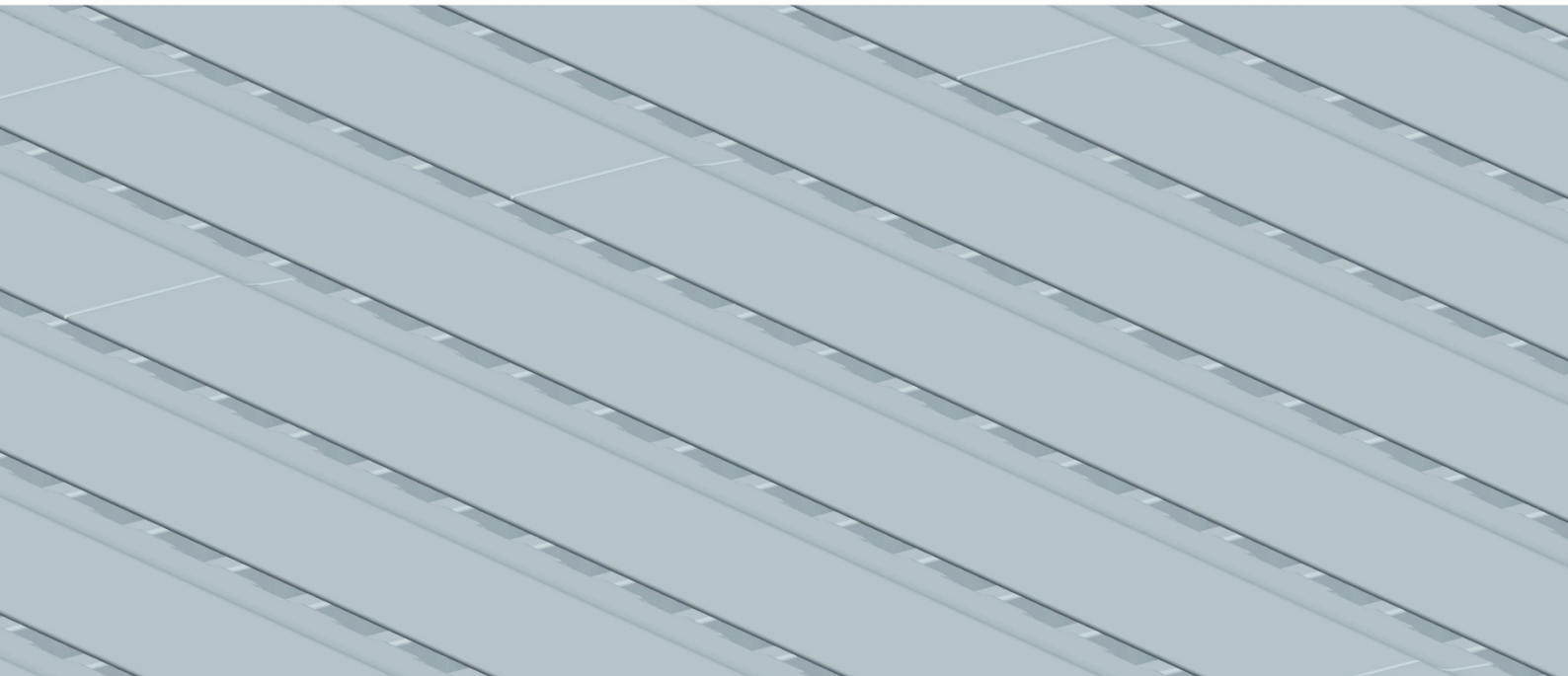


## HS-500A-N Technical Data Sheet



<p>Pitch: 25mm                  Minimum Width: 305mm                  Open Area: 0%                  Approved: FDA                  Rod: Ø 4.5mm                  Flight: No                  Side Guard: No                  Curve: Yes</p>	
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### 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)			
Acetal	1700	17000	170	1700	-40	80	11.0

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

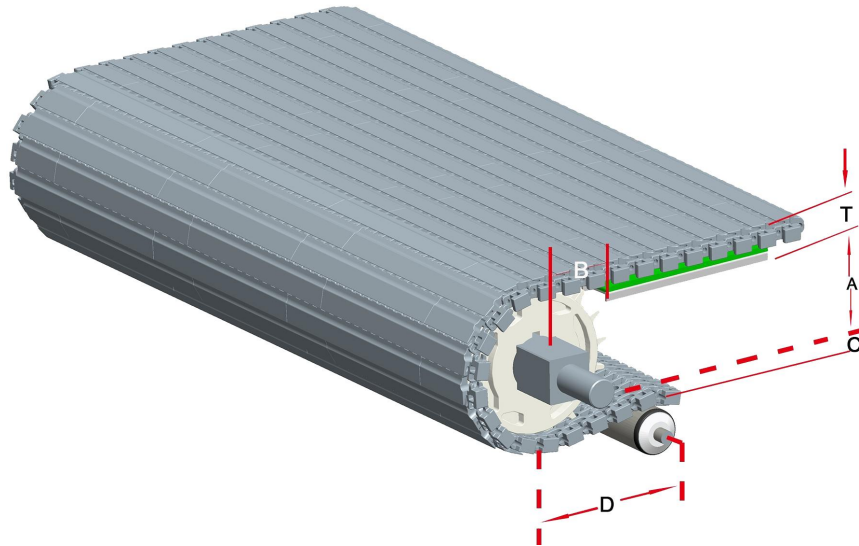
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

### Equivalent type with other Brand

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

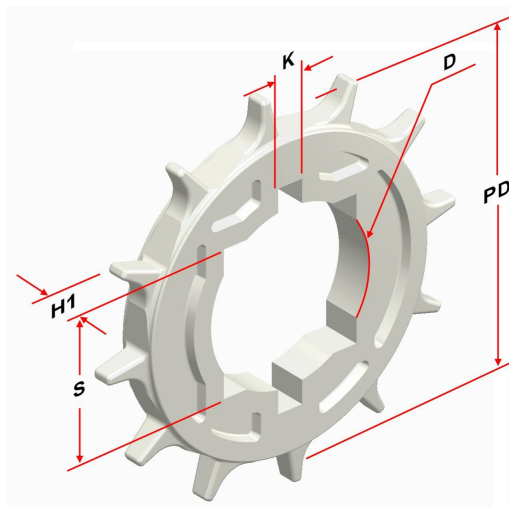
The above content is only for reference.



**Conveyor Frame Dimensions**

Unit : mm

No. Teeth	A ( Min.)	B ( Min.)	C ( Max.)	D ( Min.)	T
12	41.8	60	37.6	200	16.4
18	65.8	84	61.6	200	
24	91.8	110	87.6	250	



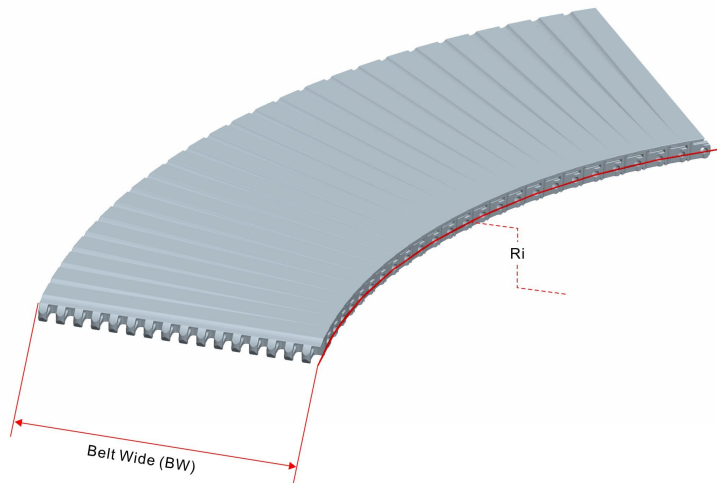
**Sprocket Dimensions**

Unit: mm

No. Teeth	PD	OD	S	D	H	K
12	96.59	100	25.4/38.1/39/40	25.4/28/30/31.75/35/40/46/47/50.8	11/18	--
18	143.97	148	25.4/38.1/40	25.4/30/31.75/35/36/40/45/47	18	--
24	191.53	200	38.1/40/50/60	--	30	--

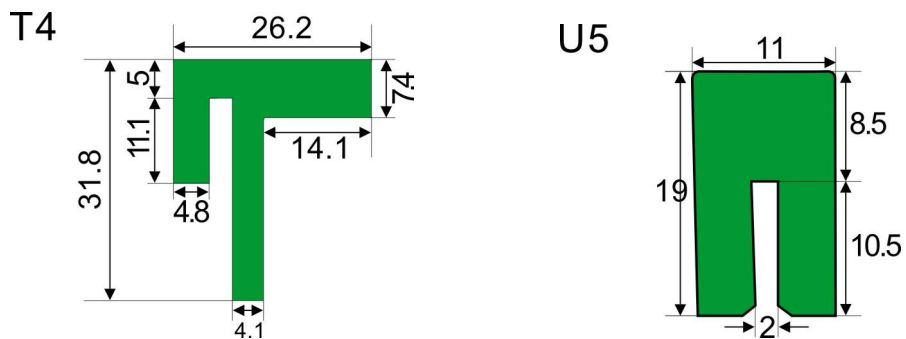
Note: Thickness 11mm is only for 12T-S40.

## 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.