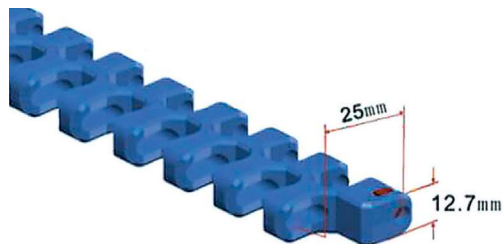


HS-500B-HD

Pitch	25 mm
Minimum width	165 mm
Open area	36%
Approved	FDA
Rod	Ø 5 mm
Flight	No
Side guard	No
Curve	Yes



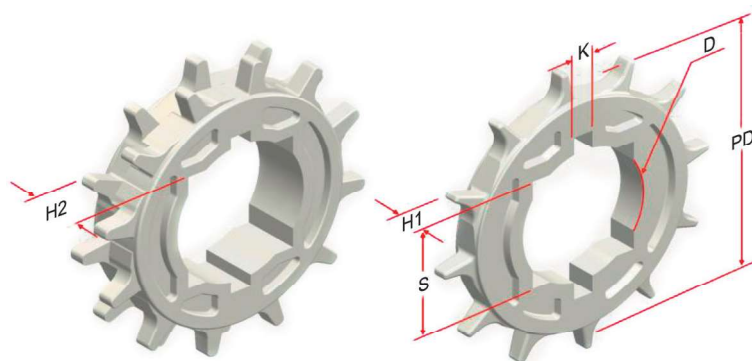
DATA

Belt material	Belt strenght				Temperature		Belt weight
	Straight		Curve		°C [min.]	°C [max.]	[kg/m²]
	kg/m[BW]	N/m[BW]	kg/m[BW]	N/m[BW]			
Polypropylene	1060	10600	106	1060	1	100	5.0
Polyethylene	1030	10300	103	1030	-60	60	5.2
Acetal	1720	17200	172	1720	-40	80	9.6
Nylon	1520	15200	152	1520	1	180	7.0
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 - Grey, N - Nature, DB - Dark brown, B-Blue

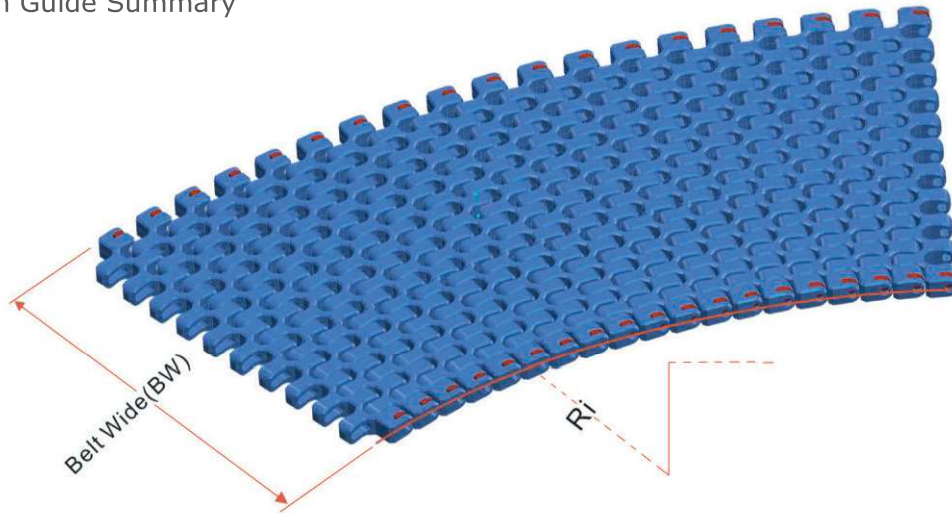


SPROCKET DIMENSIONS

No. teeth	PD [mm]	S [mm]	D [mm]	H1 [mm]	H2 [mm]	K [mm]
12	93	25.4/38.5/39/40.5	25.4/30.5/35.5/46.5/47.5	18	-	7x7
18	145	38.5/40.5	30.5/40.5/45.5/47.5	18	-	7x7
24	190	38.5/40.5/50.5/60.5	-	30	-	-
12-2R	93	38.5/40.5	25.4/30.5/45.5/47.5	-	20	8x8
15-2R	120	38.5/40.5	25.4/30.5/45.5/47.5	-	20	8x8
18-2R	145	38.5/40.5/45.5/60.5	40.5/45.5/47.5	-	20	8x8
21-2R	172	38.5/40.5	45.5	-	35	8x8
24-2R	190	38.5/40.5/60.5	-	-	35	-

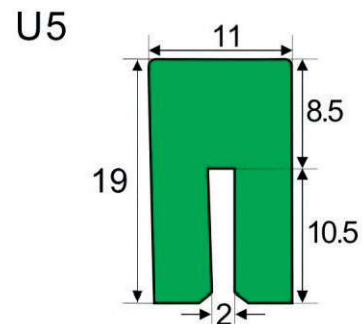
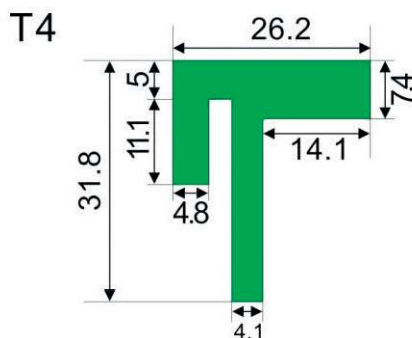
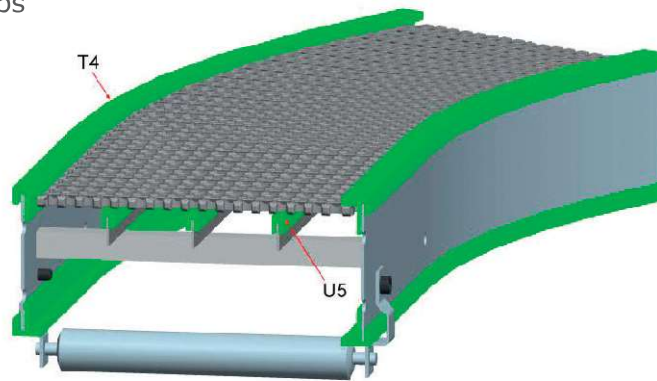
HS-500B-HD

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.