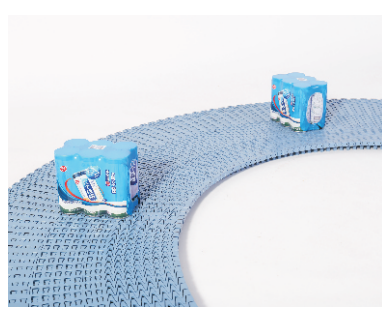
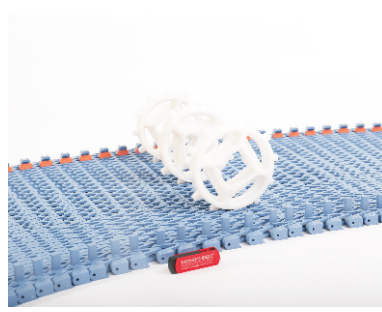
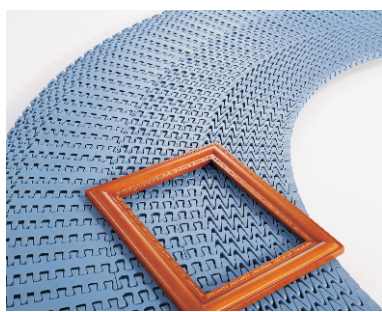
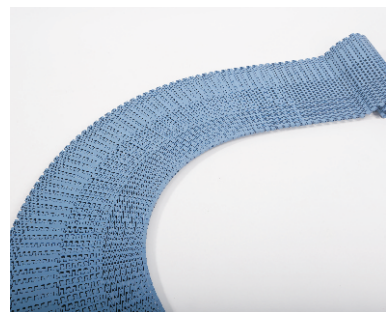
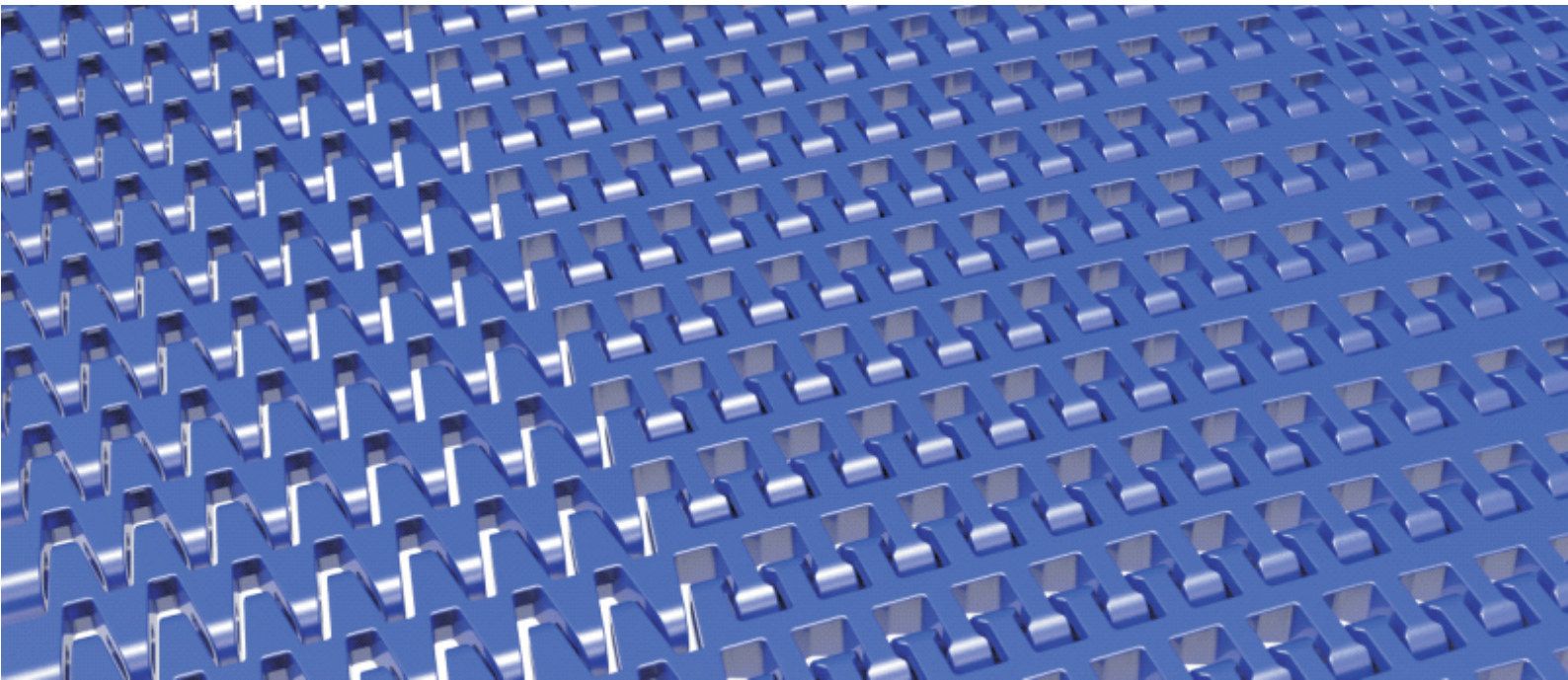
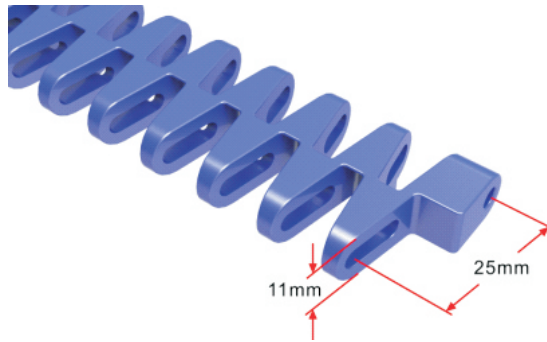


HS-1201B Technical Data Sheet



Pitch: 31.75mm
 Minimum Width: 423mm
 Open Area: 36%
 Approved: FDA
 Rod: Ø 4.9mm stainless steel
 Flight: No
 Side Guard: No
 Curve : Yes



Data

Belt Material	Belt Strength				Temperature		Belt Weight
	Straight		Curve		°C (min.)	°C (max.)	(Kg/M ²)
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	1100	11000	120	1200	1	100	5.2
Polyethylene	1100	11000	120	1200	-60	60	5.5
Acetal	2200	22000	200	2000	-40	80	8.0

BW – Belt Width

Color Table

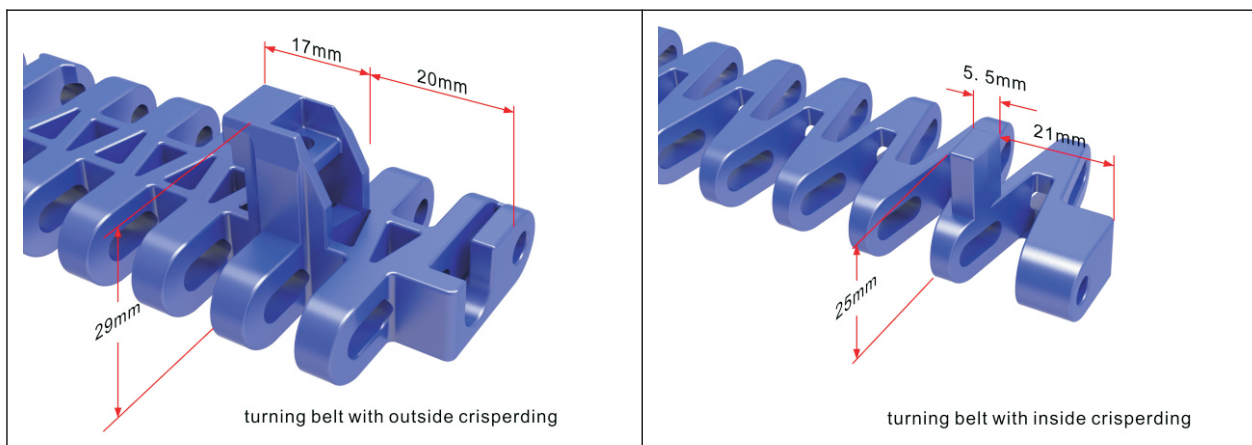
Polypropylene					Polyethylene					Acetal					Nylon				
W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B
●	●						●			●				●					

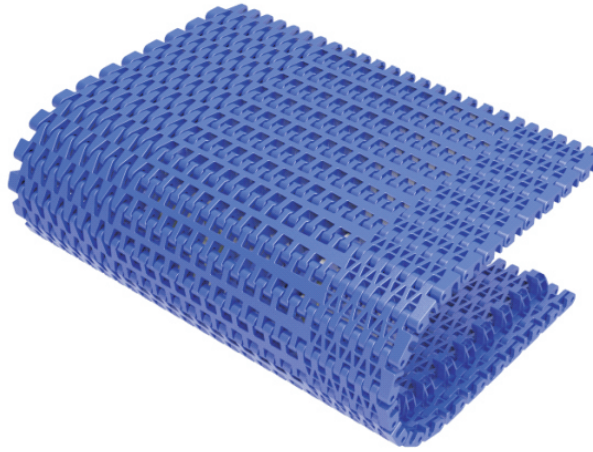
W-White,G-Gray,N-Nature,DB-Darkbrown, B-Blue

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

SUS – Stainless Steel

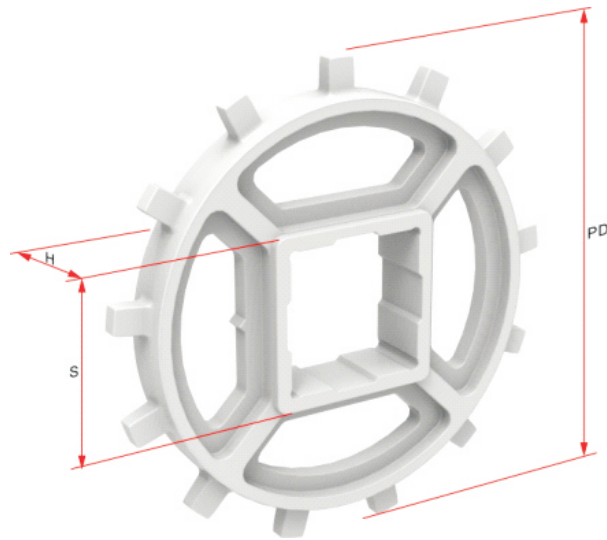




Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
10	46.25	62.5	44	250	12.5
13	61.25	77.5	59	250	
16	77.25	93.5	75	250	

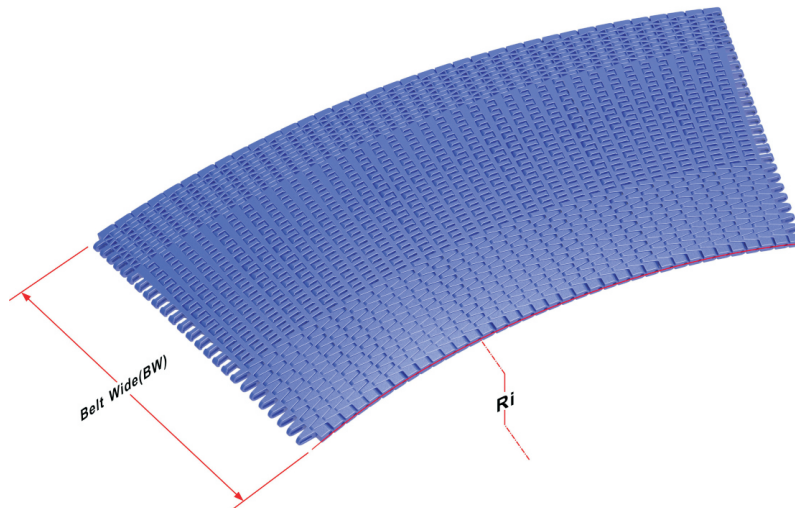


Sprocket Dimensions

Unit: mm

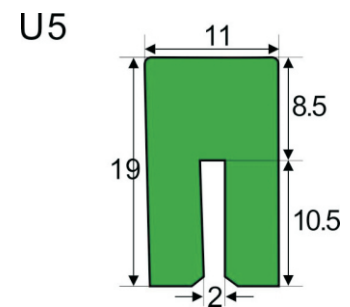
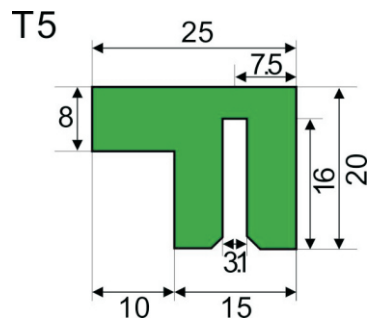
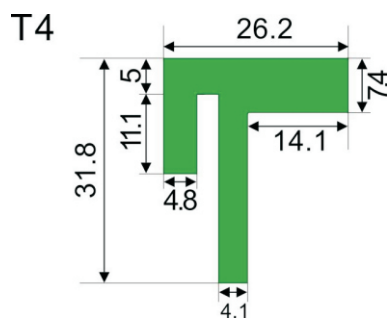
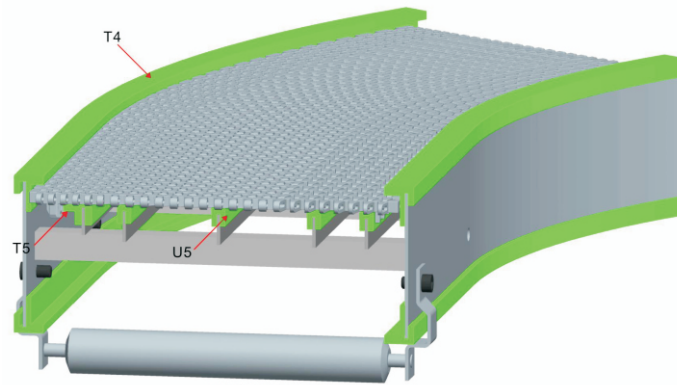
No. Teeth	PD	S	D	H	K
10	105	30.5/40.5	--	20	--
13	135	38.5/40.5	--	20	--
16	167	38.5/40.5	35.5	25	8X8

Design Guide Summary

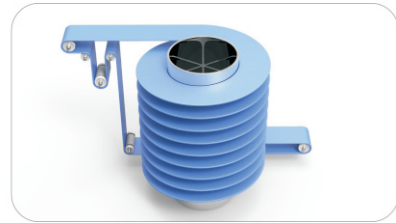
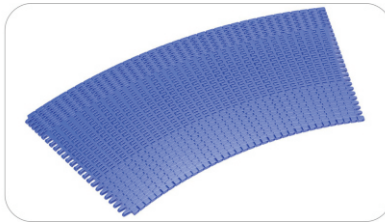
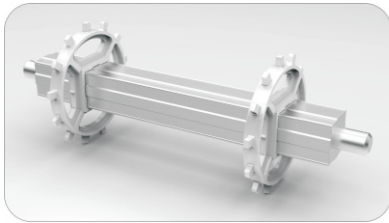


- ⌘ The minimum turning radius (inside) is 1.3 times of belt width under all feasible belt Width, 2 times of belt width is the most optimal.
- ⌘ The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- ⌘ The minimum straight run 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.



A: Conveyor Belt
B: Drive Sprocket
C: Dancer Roller 200mm(min)
D: Sprocket 150mm(min)
 $C=D_1=D_2$

