

HONG'S BELT®



Smart Conveyor System Solutions

Conveying, Moves the World Forward!





ABOUT US

HUANAN XINHAI (SHENZHEN) TECHNOLOGY CO.,LTD is a leading high-tech company providing intelligent conveyor solutions.

We have a modern industrialized manufacturing area of 35,000 square meters for the production of modular plastic belts and conveying systems solutions.

We have an R&D and innovation team consisting of more than 60 people and we hold more than 280 national authorized patents and software certifications. We developed a fully integrated industrial chain with independent core technology, key components, leading products and conveyor systems solutions. We offer over 1,500 conveyors solutions and have 2,000 sets of modular molds.

HONG'S BELT is a truly international business covering more than 80 countries and regions, with annual sales of nearly 400 Million RMB.

22 years

Modular belt products & Technical
experience accumulation

1500+

Conveyor System
Solutions

80+

National & Regional
Services

400

Million Annual
Market Sales



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Foreword

About Us:

HUANAN XINHAI (SHENZHEN) TECHNOLOGY CO.,LTD ("HONG'S BELT") is a leading provider of conveyor systems and intelligent terminals based in China. Focusing on R & D and production of modular plastic belts and intelligent conveyors, our aim is to achieve innovation within the traditional manufacturing supply chain.

We provide our customers with competitive quality products, solutions and services. We supply companies involved in food production, express logistics, automotive, heavy-duty industries etc. We continue to cooperate openly with our ecological partners to ensure our manufacturing is sustainable for the future. Our mission is to create value for all of our customers around the world.

HONG'S BELT was established in 2005 and is a national high-tech enterprise. There are currently more than 400 employees and we can offer more than 1,500 modular conveyor systems, HONG'S BELT business covers more than 80 countries and has annual sales of nearly 70 Million USD.

HONG'S BELT modern industrial manufacturing area covers more than 35,000 square meters of production for modular conveying system solutions. We have passed ISO9001, ISO14001 management system certification, EU & CE product safety certification and where needed our products are FDA approved. HONG'S BELT has an R & D team consisting of over 60 people and we hold more than 280 national patents and software certifications. We developed a fully integrated industrial chain with independent core technology, key components, leading products and conveyor system solutions. Our products meet nearly all the needs of internal logistics throughout industries and enterprises.

For the future, HONG'S BELT considers the strategic plans of "Industry 4.0" & "Made in China 2025" as an opportunity. We continue to:

- improve our industrial layout
- adjust the organizational structure
- strengthen innovation capabilities
- promote the industrial strategy to a highly intelligent system, which meets the entire production system of the product, information system interconnection, network layout, meeting the needs of flexible production, etc.
- comprehensively enhance our strength in intelligent conveyor systems
- provide a strong impetus for the company's group development

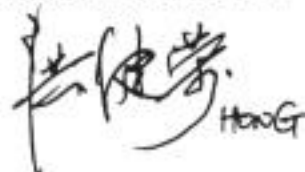
HONG'S BELT will keep maintaining the spirit of innovation, continue to serve users with new high-quality products, and promote the development of China's intelligent automation industry.

We are willing to work together with all sectors of business and society, full of enthusiasm for serving the world with technology, continuously realizing the Chinese dream!

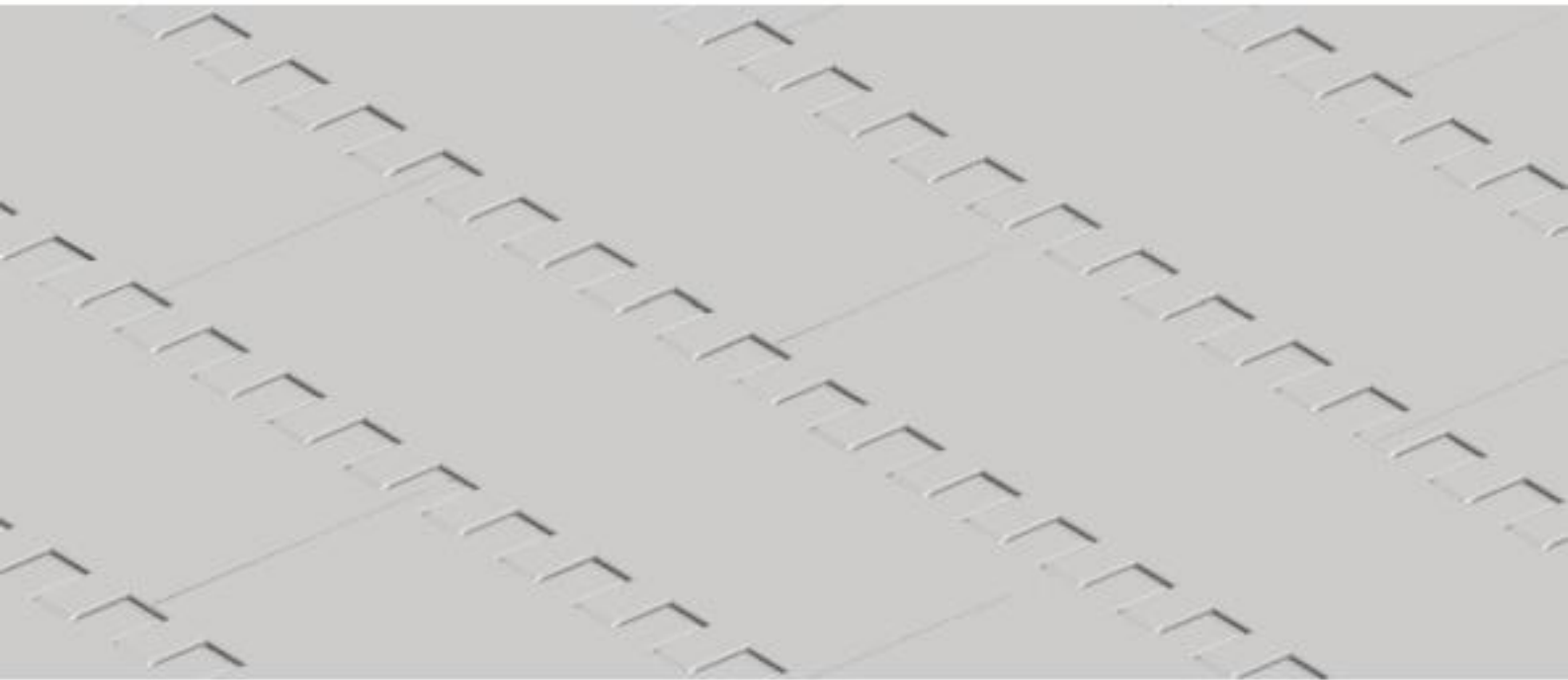
Key projects include:

- Hong Kong-Zhuhai-Macao Bridge Chinese Customs Vehicle Safety Detection Conveyor System
- China Post Distribution Shenzhen Network Intelligent Sorting System
- SF Express South China Intelligent Heavy-duty Sorting System
- ZTO Express Matrix Sorting Centre Sorting System
- DHL Shenzhen Distribution Centre Modular Plate Turning Conveyor Project
- Arla Dairies – Milk Processing and Packaging

President of HONG'S BELT:



HS-100A Technical Data Sheet



Pitch: 50.8mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	9.0
Polyethylene	1280	12800	--	-60	60	9.2
Acetal	1770	17700	--	-40	80	12.8
Nylon	1520	15200	--	1	180	11.3
HK	1593	15930	--	-40	80	12.1

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

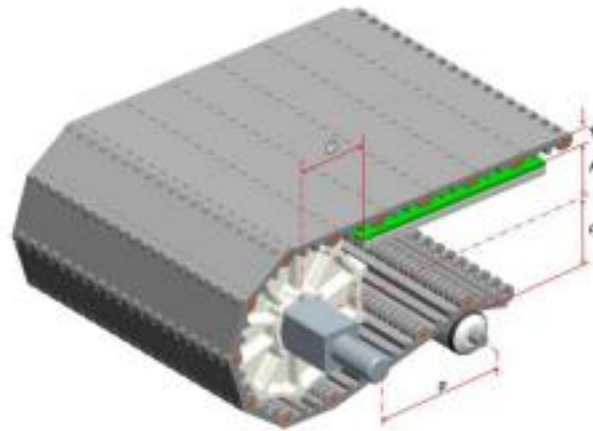
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

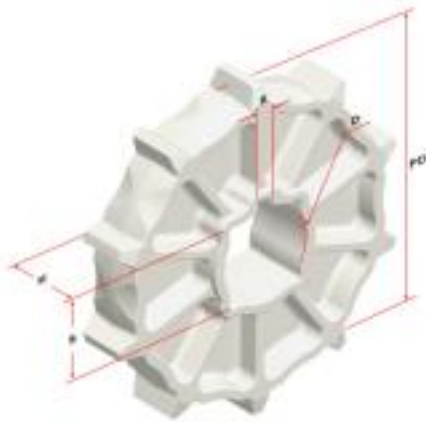
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	37.9	55.9	33.9	250	16
8	56	74	52	250	
9	63.5	81.5	59.5	250	
10	73	91	69	250	
12	88.4	106.4	84.4	300	
16	122	140	118	300	

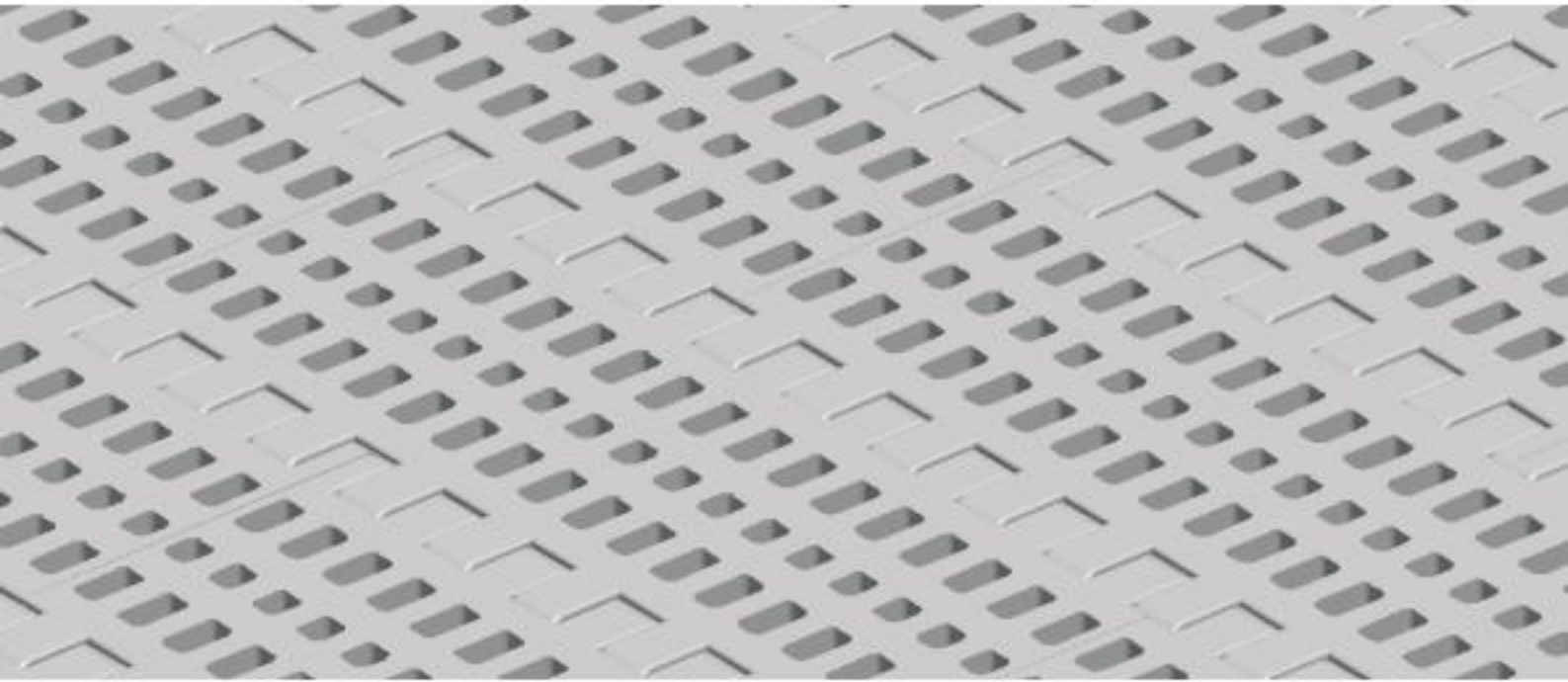


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100B Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 45mm Open Area: 20% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	7.5
Polyethylene	1280	12800	--	-60	60	8.7
Acetal	1770	17700	--	-40	80	10.2
Nylon	1520	15200	--	1	180	9.6

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

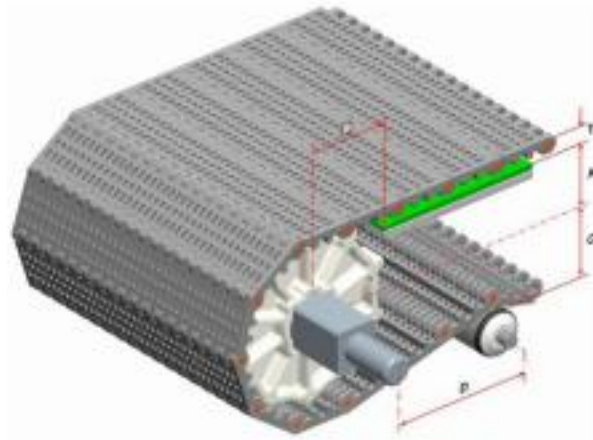
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

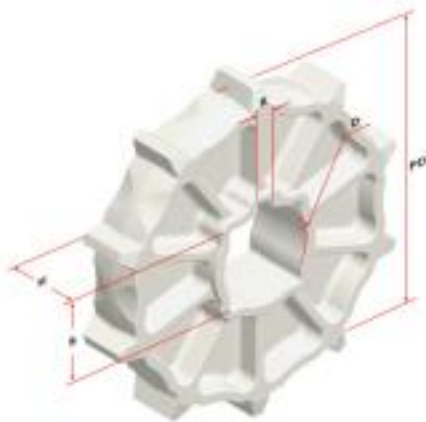
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	37.9	55.9	33.9	250	16
8	56	74	52	250	
9	63.5	81.5	59.5	250	
10	73	91	69	250	
12	88.4	106.4	84.4	300	
16	122	140	118	300	

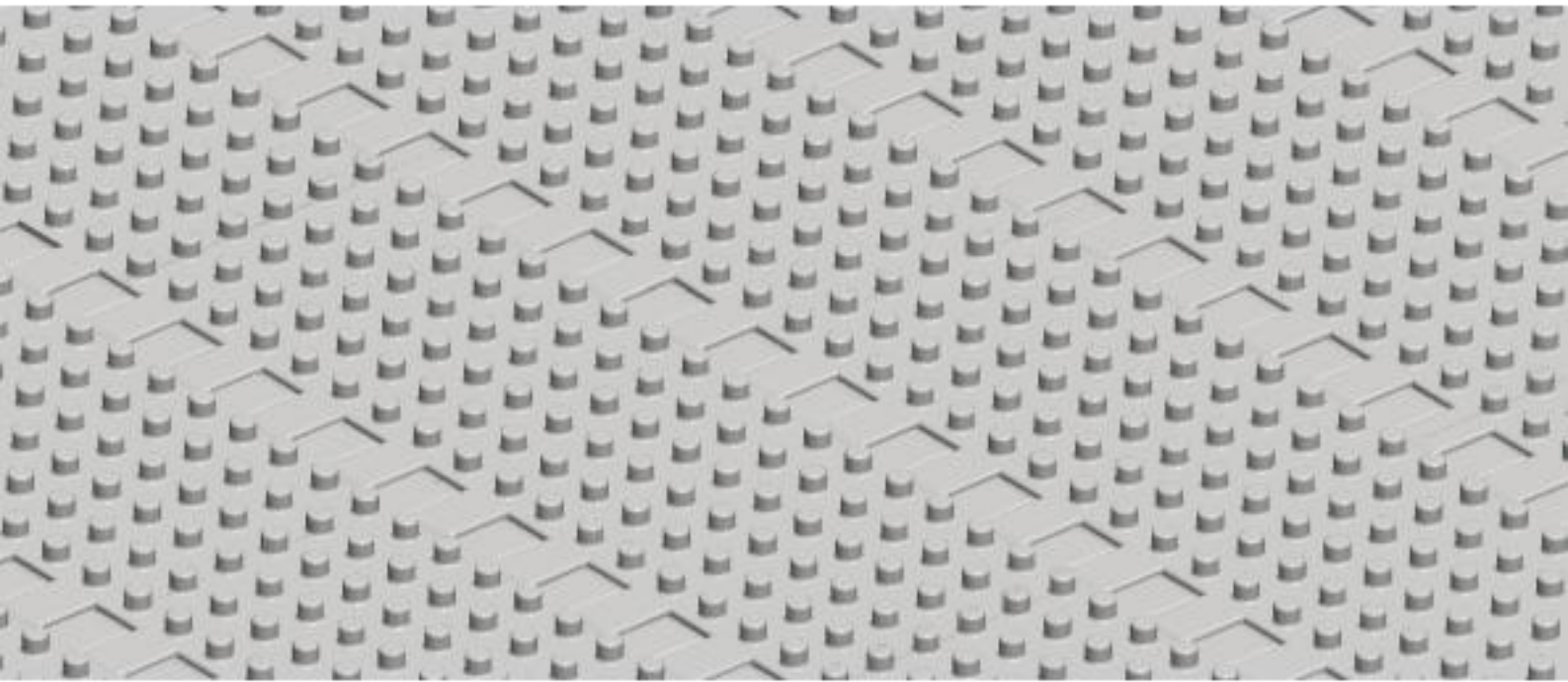


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100AN Technical Data Sheet



Pitch: 50.8mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.5
Polyethylene	1280	12800	--	-60	60	8.7
Acetal	1770	17700	--	-40	80	12.9
Nylon	1520	15200	--	1	180	11.3

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

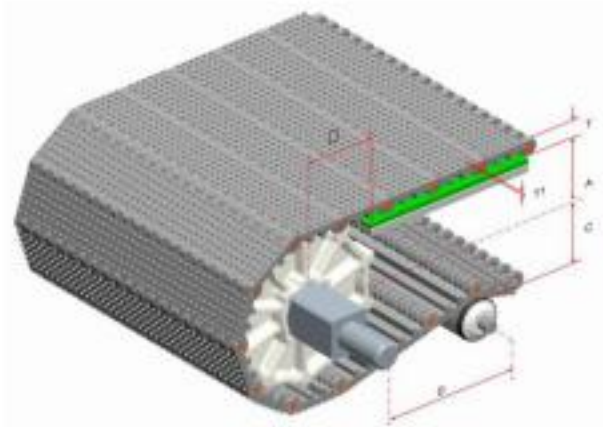
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

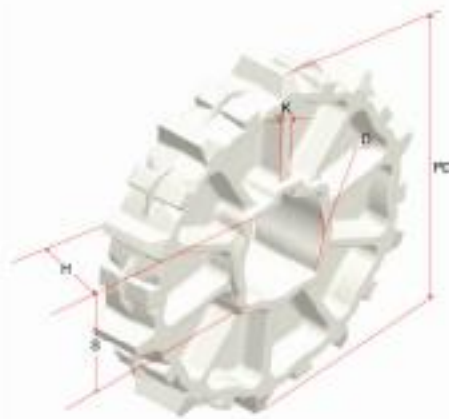
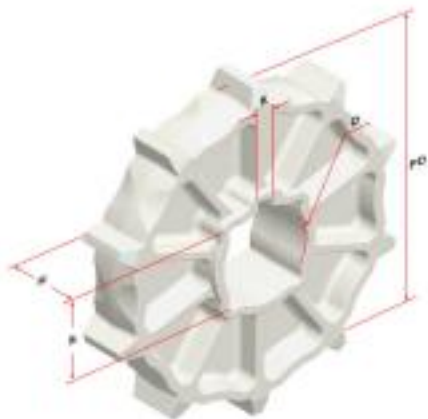
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T2
6	37.9	55.9	33.9	250	16	2.5
8	56	74	52	250		
9	63.5	81.5	59.5	250		
10	73	91	69	250		
12	88.4	106.4	84.4	300		
16	122	140	118	300		

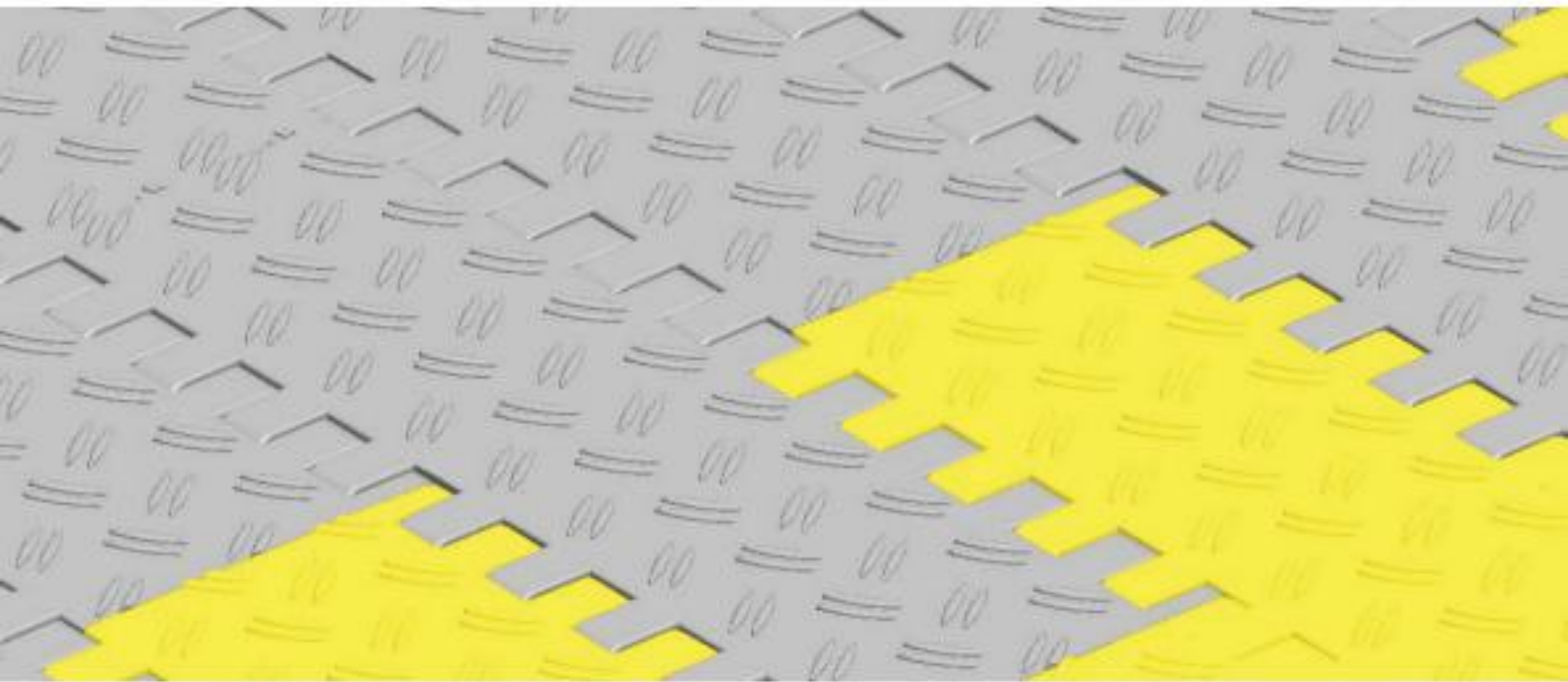


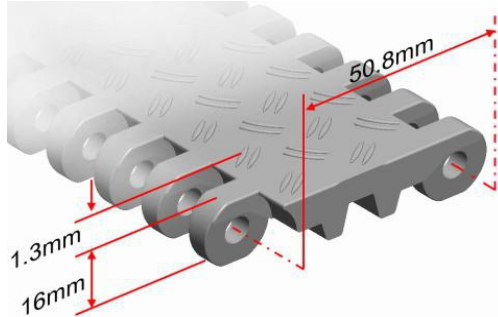
Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100D Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.8
Polyethylene	1280	12800	--	-60	60	9.0
Acetal	1770	17700	--	-40	80	13.3
Nylon	1520	15200	--	1	180	12.7

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

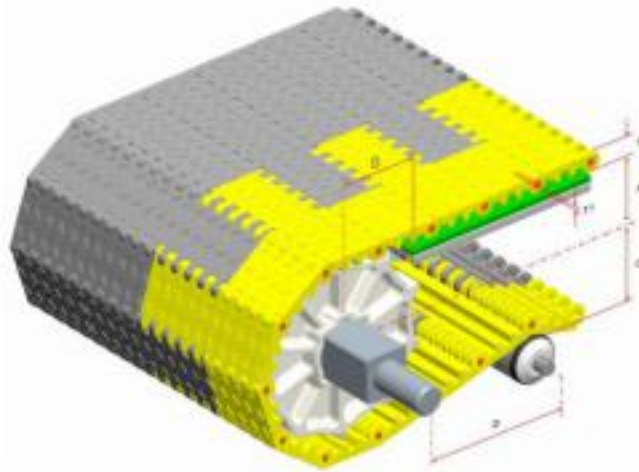
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

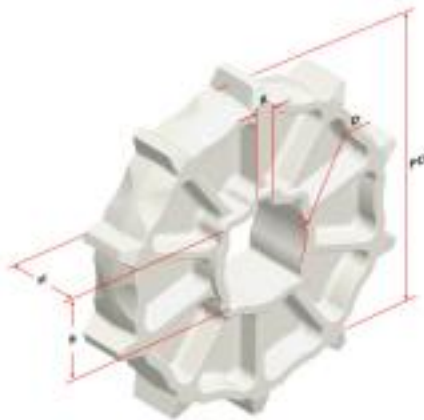
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T2
6	37.9	55.9	33.9	250	16	1.3
8	56	74	52	250		
9	63.5	81.5	59.5	250		
10	73	91	69	250		
12	88.4	106.4	84.4	300		
16	122	140	118	300		

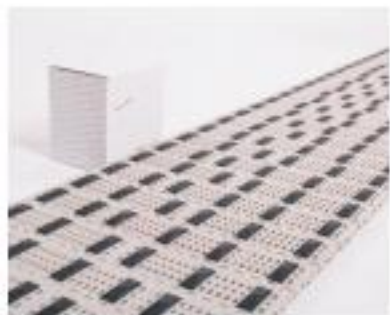
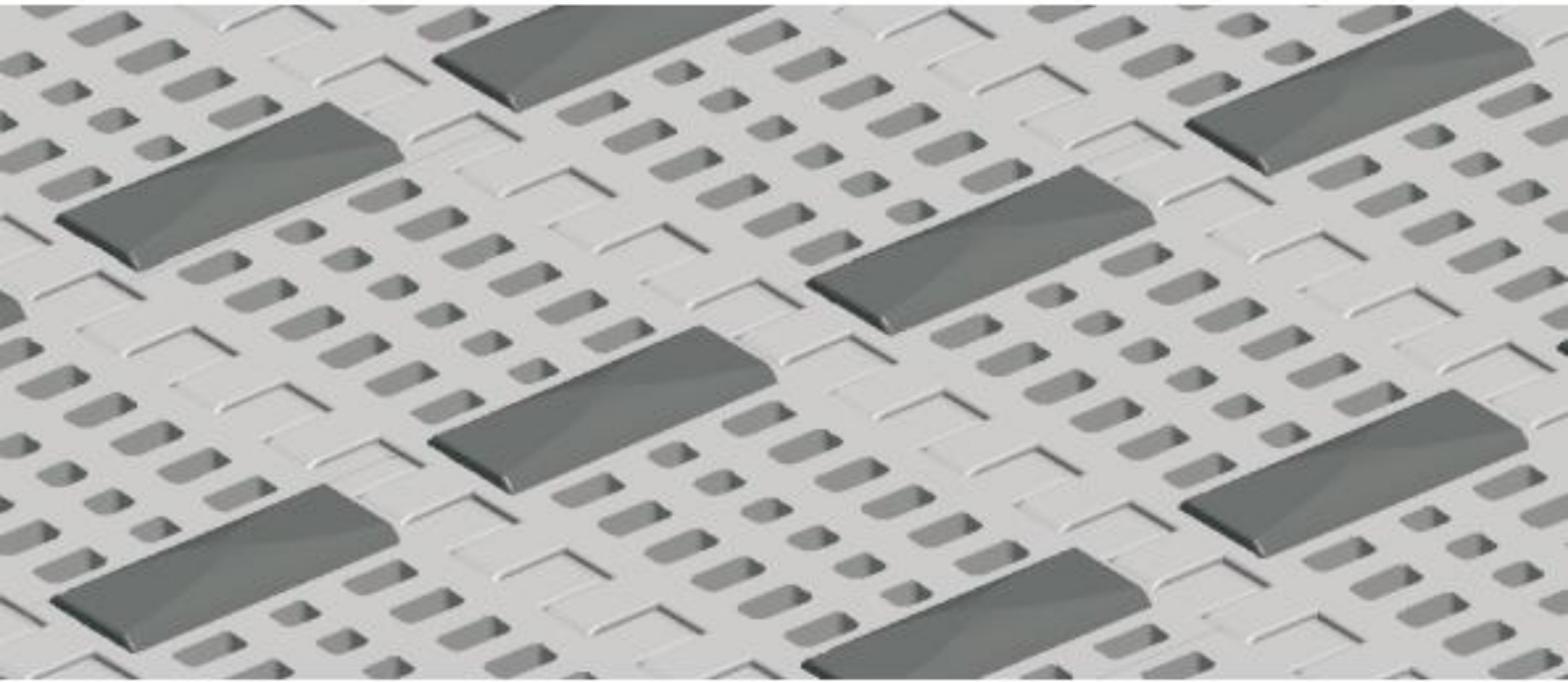


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100B-EL Technical Data Sheet



Pitch: 50.8mm Minimum Width: 45mm Open Area: 18% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	70	7.5

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

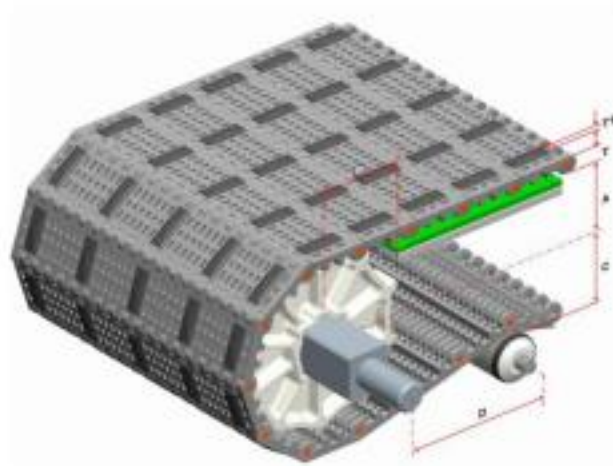
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

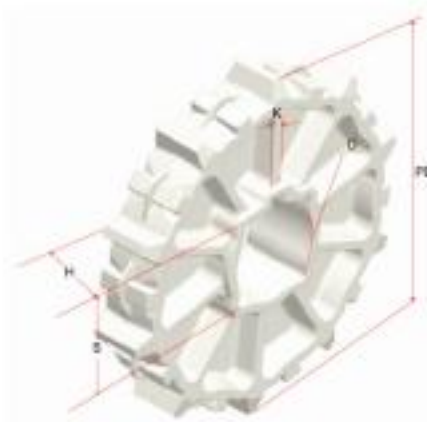
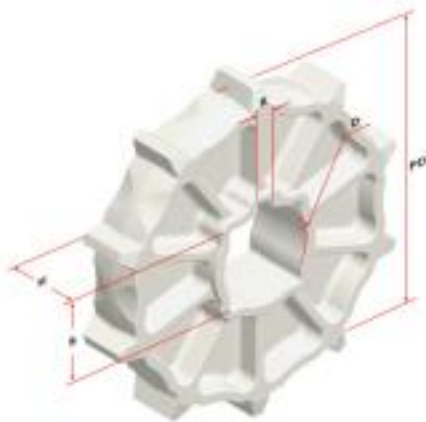
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T2
6	37.9	55.9	33.9	250	16	3.5
8	56	74	52	250		
9	63.5	81.5	59.5	250		
10	73	91	69	250		
12	88.4	106.4	84.4	300		
16	122	140	118	300		

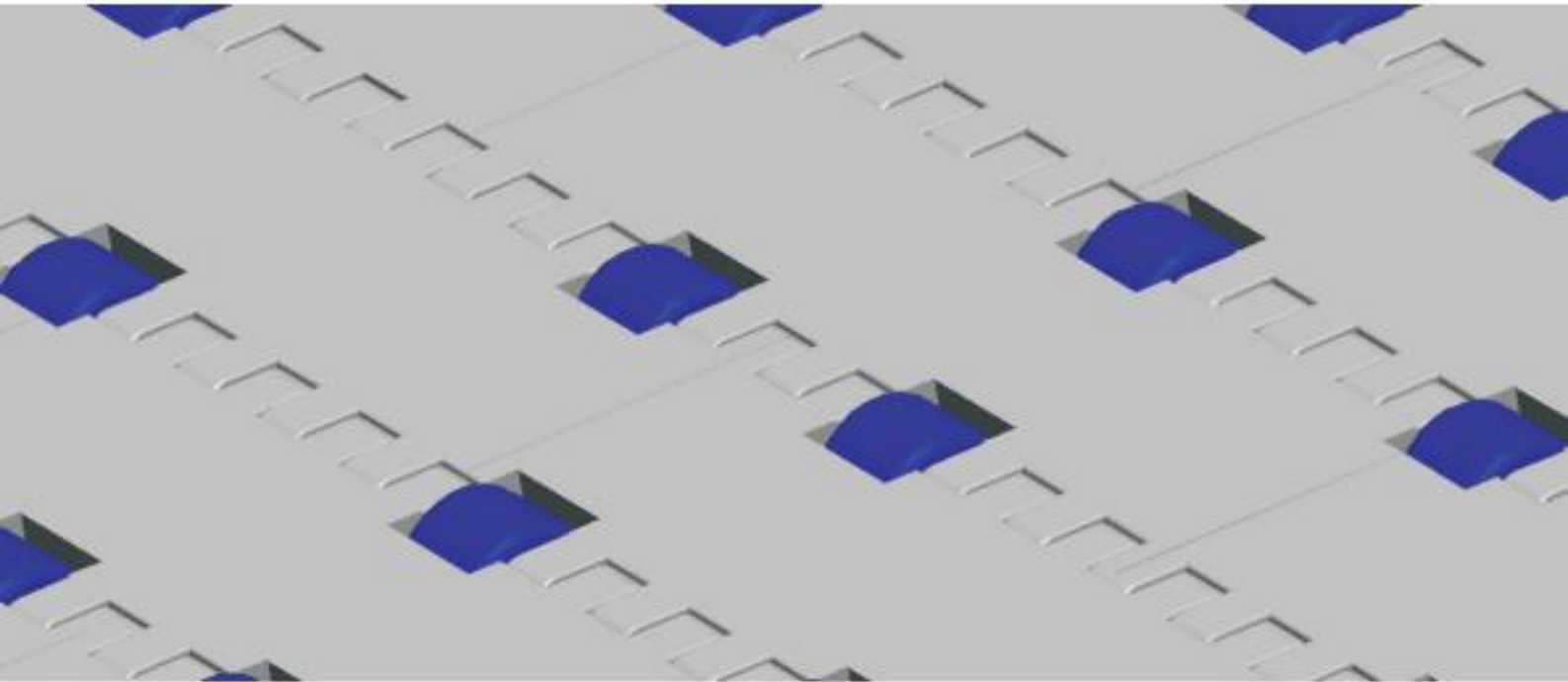


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100C Technical Data Sheet



Pitch: 50.8mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.9
Polyethylene	1280	12800	--	-60	60	9.8
Acetal	1770	17700	--	-40	80	13.8
Nylon	1520	15200	--	1	180	11.9

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

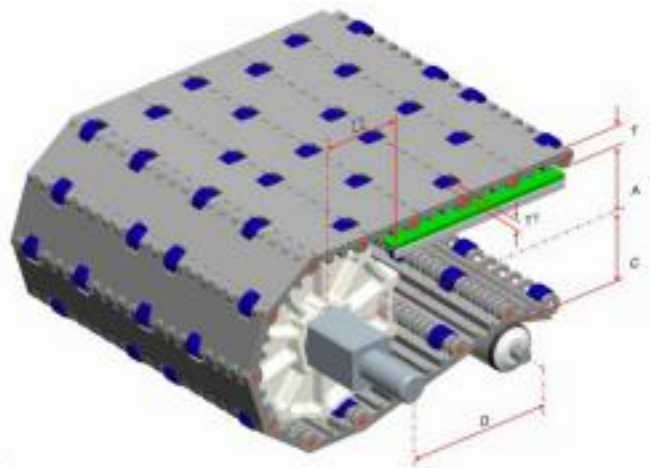
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

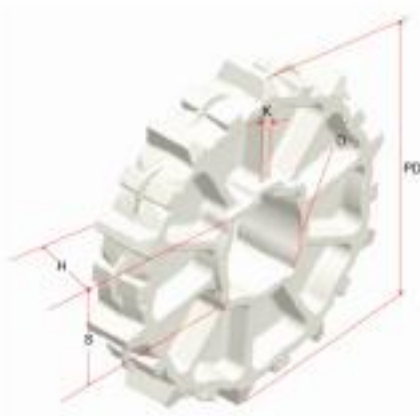
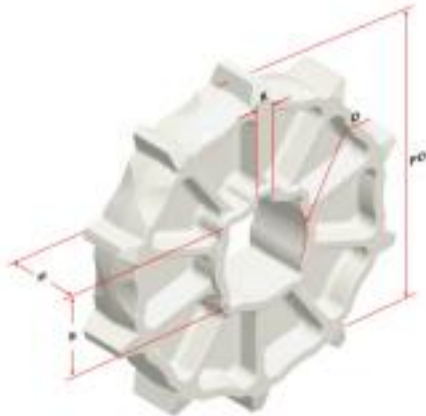
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T2
6	37.9	55.9	33.9	250	16	3
8	56	74	52	250		
9	63.5	81.5	59.5	250		
10	73	91	69	250		
12	88.4	106.4	84.4	300		
16	122	140	118	300		



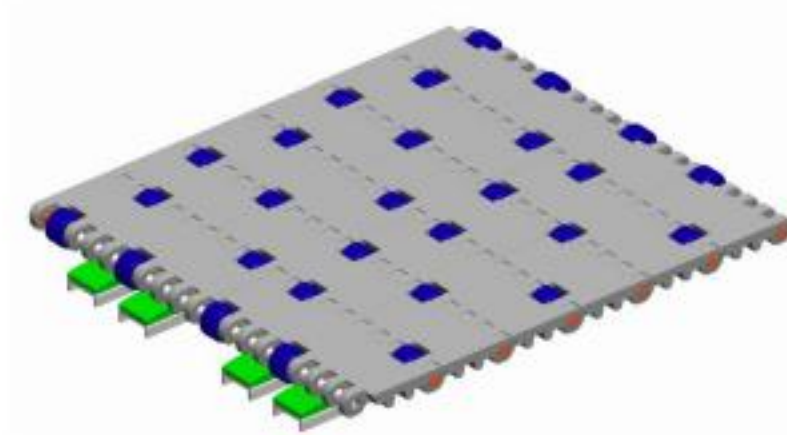
Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

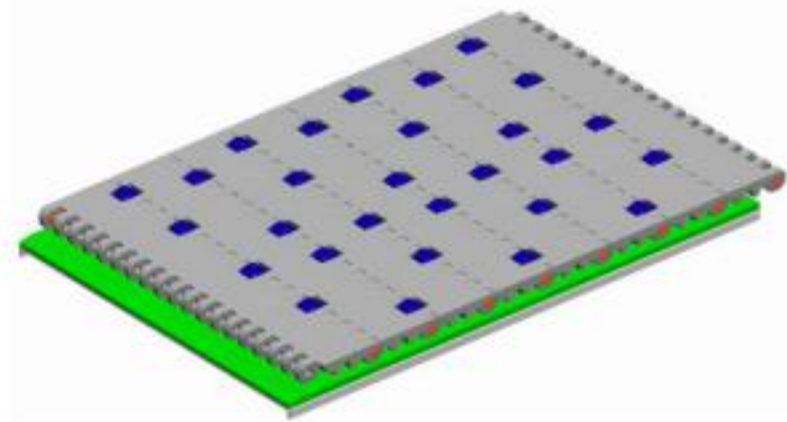
Support Mode of Insert Roller

- Accumulation



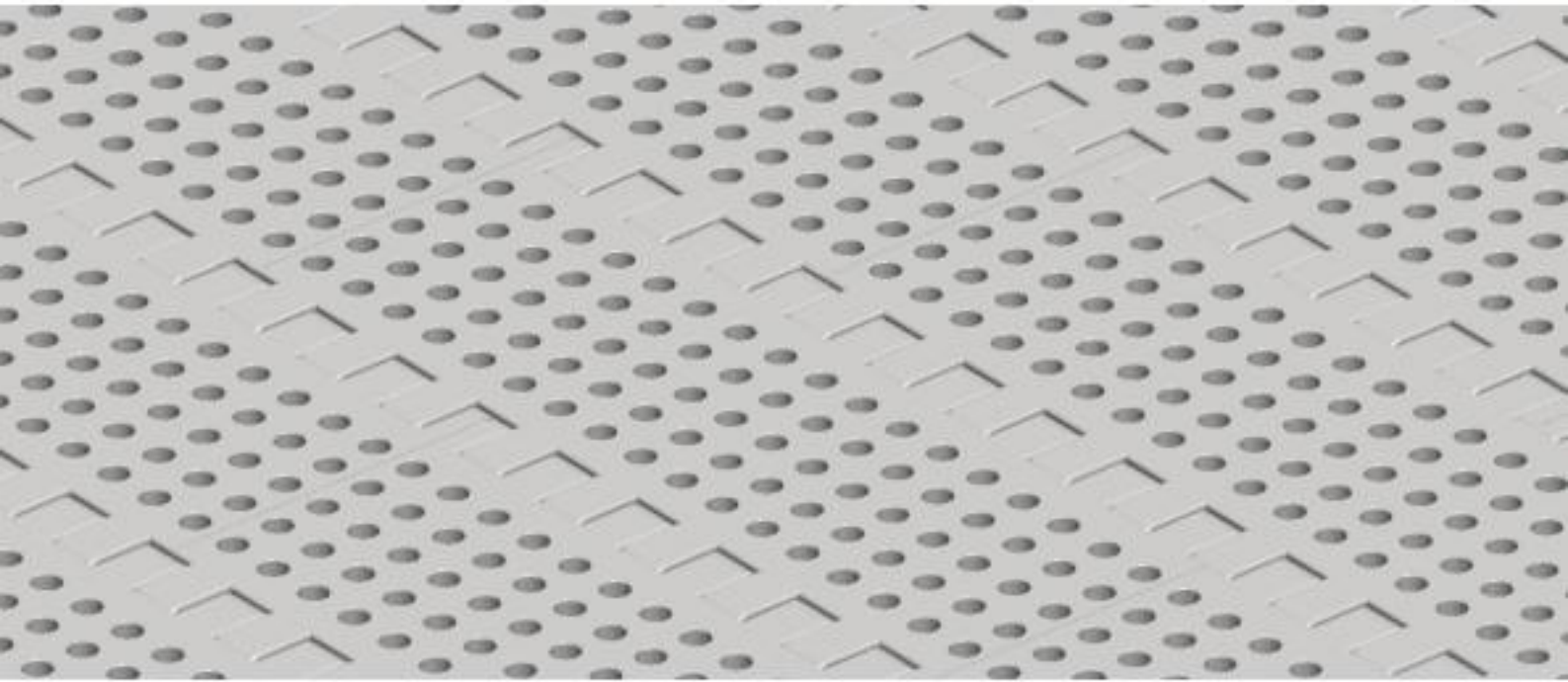
Wear Strips are placed between rollers for accumulation.

- 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.

HS-101B Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 45mm Open Area: 11.5% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	7.6
Polyethylene	1280	12800	--	-60	60	8.7
Acetal	1770	17700	--	-40	80	10.7
Nylon	1520	15200	--	1	180	9.6

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

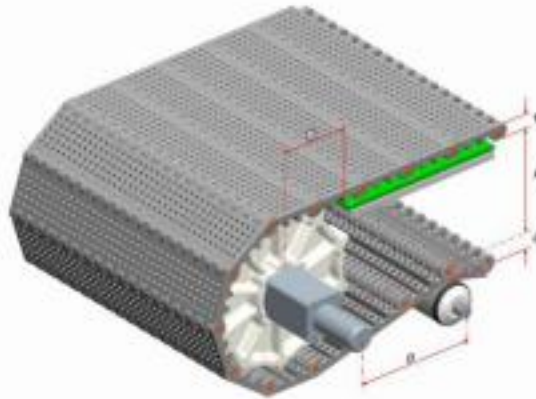
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

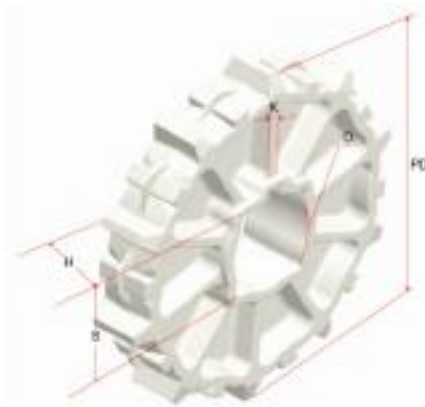
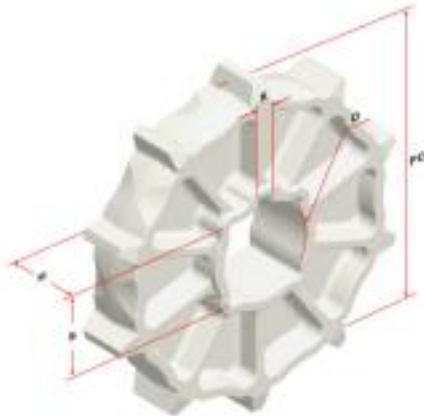
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	37.9	55.9	33.9	250	16
8	56	74	52	250	
9	63.5	81.5	59.5	250	
10	73	91	69	250	
12	88.4	106.4	84.4	300	
16	122	140	118	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	-	46	-

HS-102B Technical Data Sheet



Pitch: 50.8mm Minimum Width: 45mm Open Area: 20% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1070	10700	--	1	100	7.5
Polyethylene	1020	10200	--	-60	60	8.7
Acetal	1400	14000	--	-40	80	10.2
Nylon	1200	12000	--	1	180	9.6

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

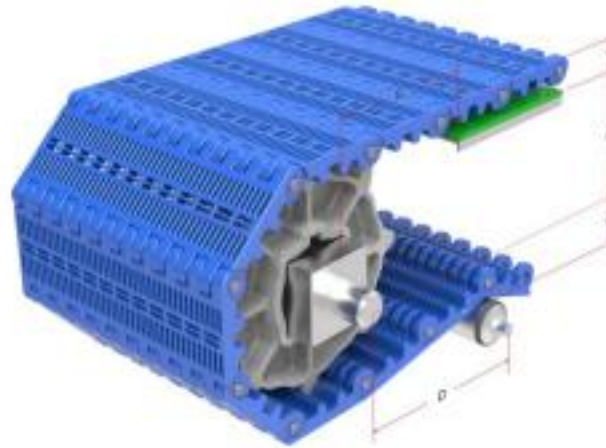
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

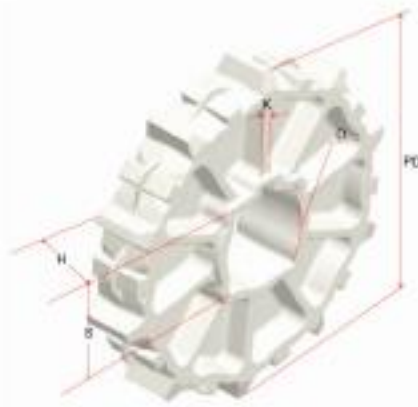
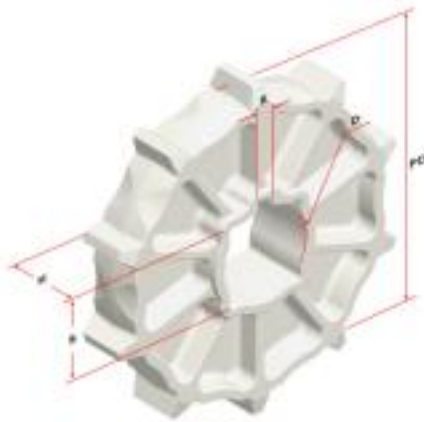
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	37.9	55.9	33.9	250	16
8	56	74	52	250	
9	63.5	81.5	59.5	250	
10	73	91	69	250	
12	88.4	106.4	84.4	300	
16	122	140	118	300	

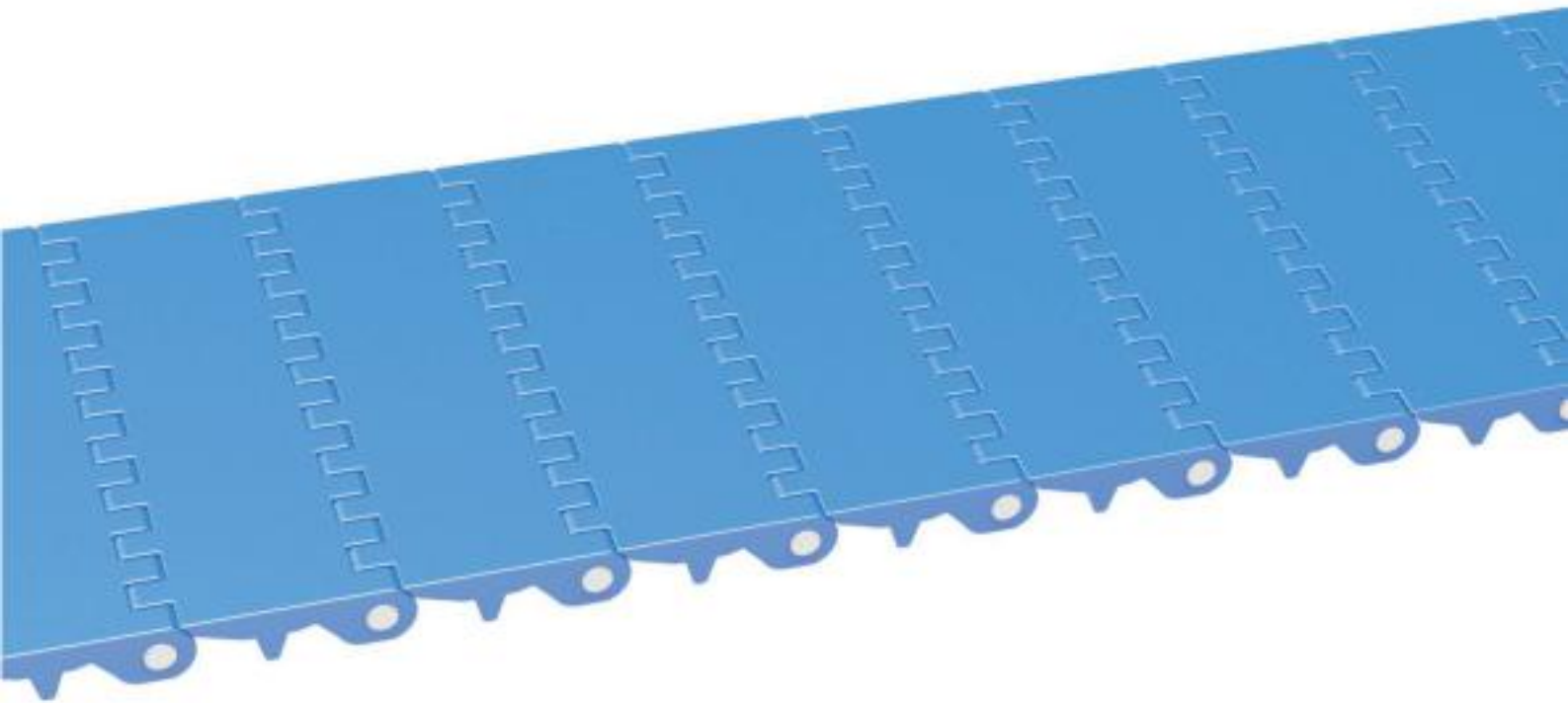


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	91.8	38.1/40	25.4/30/35/40/45	30	8X8
8	132.75	128	38.1/40	25.4/30/35/40/44	37	8X8
9	148.53	143	38.1/40	30/32/45/51	35	8X8
10	164.39	162	38.1/40/50/60	25.4/30/35/40/45	35	8X8
12	196.28	192.8	38.1/40/60	45/47	37	8X8
16	260.39	260	38.1/40/60/63.5	--	46	--

HS-100A-HD Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 150mm Open Area: 0% Approved: FDA Rod: Ø 8.0mm Flight: Yes Side Guard: Yes Curve: No</p>	
---	--

Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	9.3
Polyethylene	1280	12800	--	-60	60	9.8
Acetal	1770	17700	--	-40	80	14.0
Nylon	1520	15200	--	1	180	12.6

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

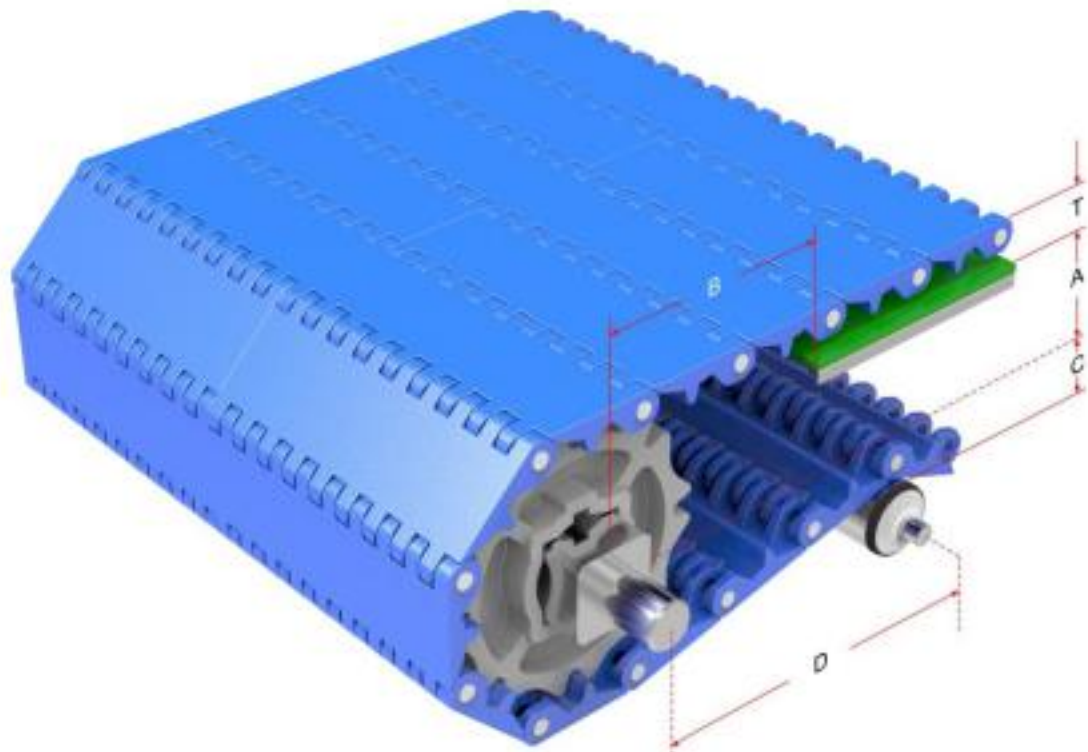
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

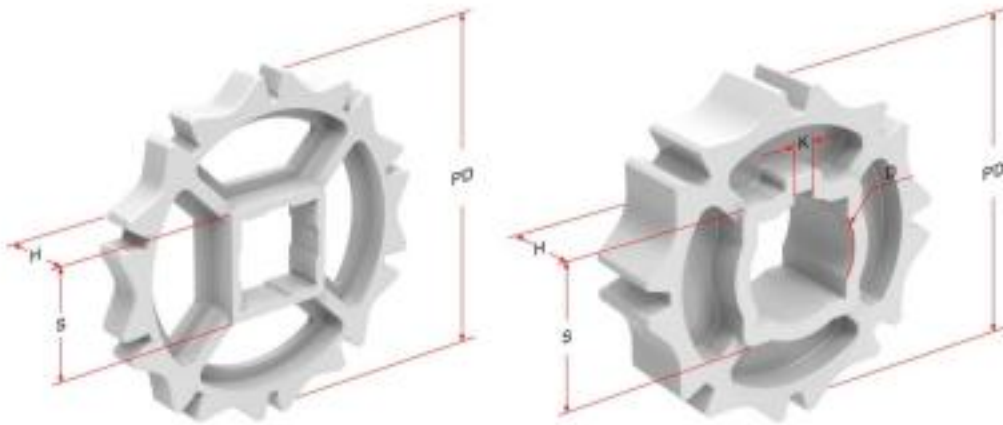
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

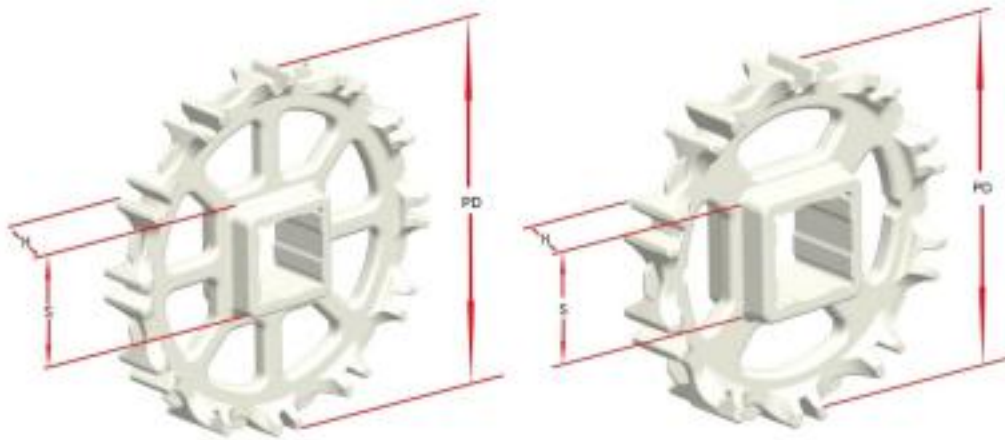
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

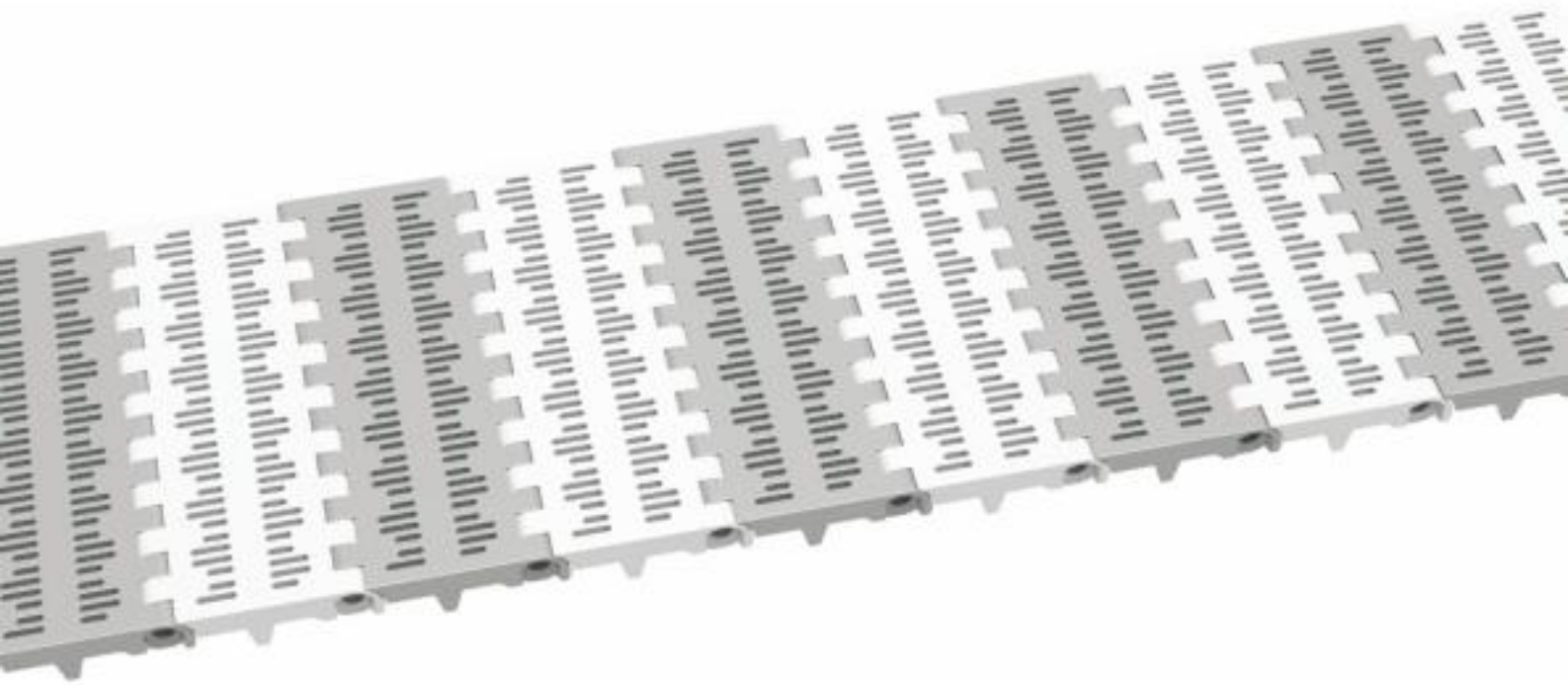


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-100B-HD Technical Data Sheet



Pitch: 50.8mm Minimum Width: 152mm Open Area: 17.6% Approved: FDA Rod: Ø 6.6mm Flight: Yes Side Guard: No Curve: No	
--	--

Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.4
Polyethylene	1280	12800	--	-60	60	8.8
Acetal	1770	17700	--	-40	80	13.1
Nylon	1520	15200	--	1	180	11.8

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

Friction Table

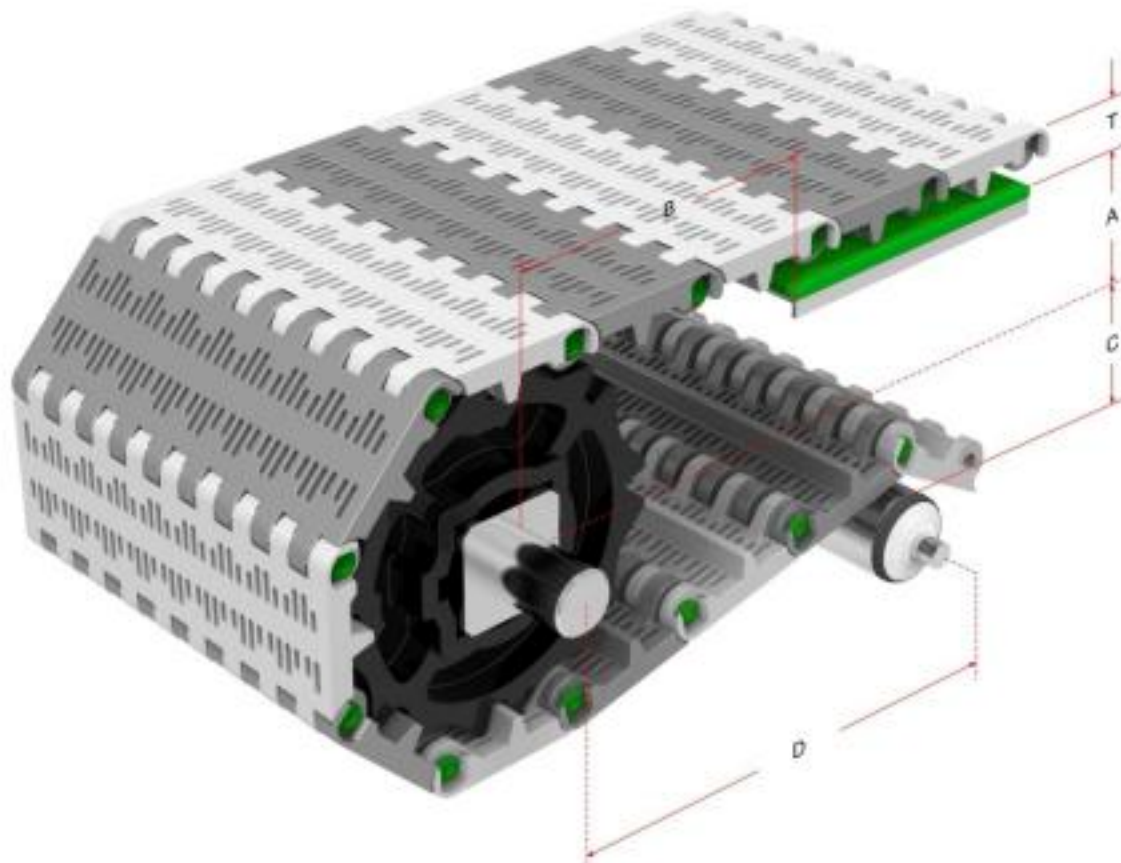
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

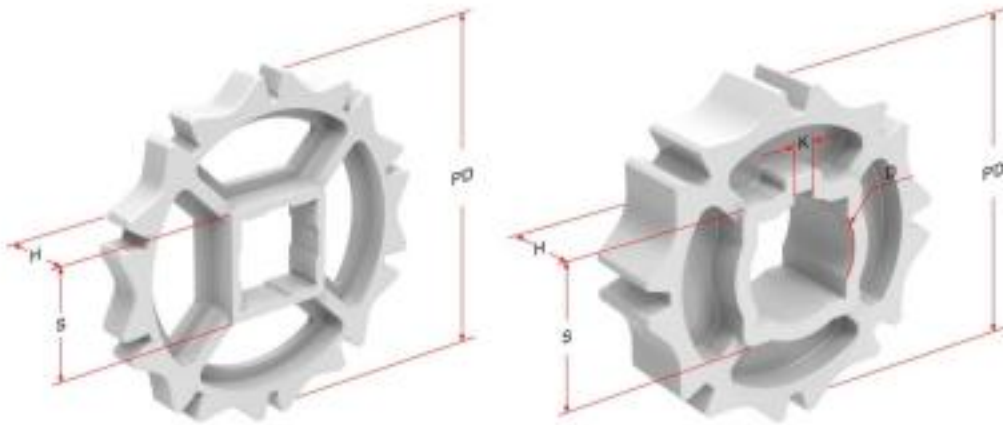
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

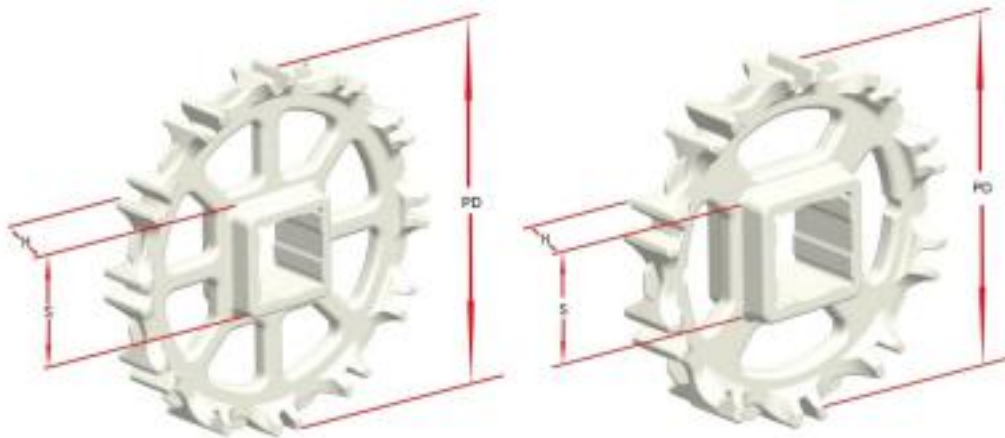
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

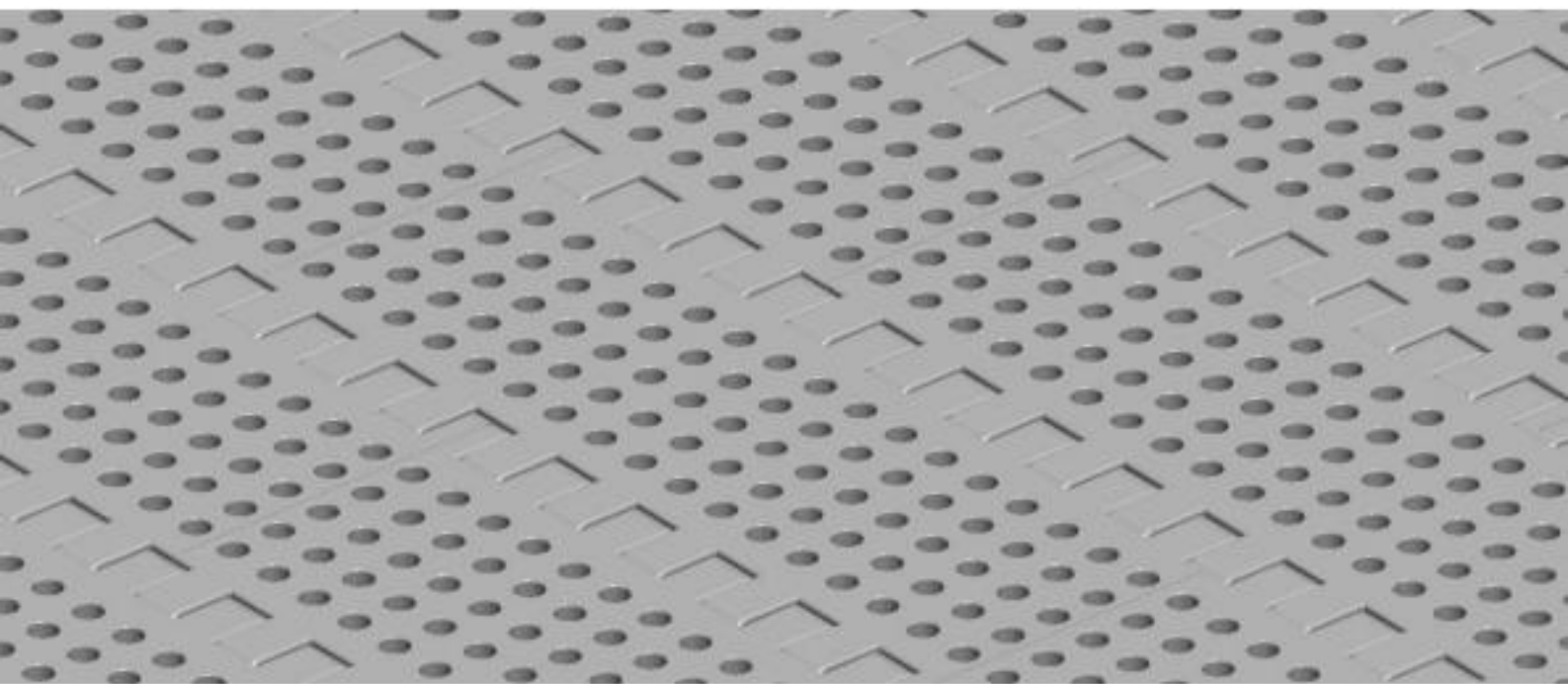


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-101B-HD Technical Data Sheet



Pitch: 50.8mm Minimum Width: 152mm Open Area: 17.1% Approved: FDA Rod: Ø 8.0mm Flight: Yes Side Guard: No Curve: No	
--	--

Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.4
Polyethylene	1280	12800	--	-60	60	8.8
Acetal	1770	17700	--	-40	80	13.1
Nylon	1520	15200	--	1	180	11.8

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

Friction Table

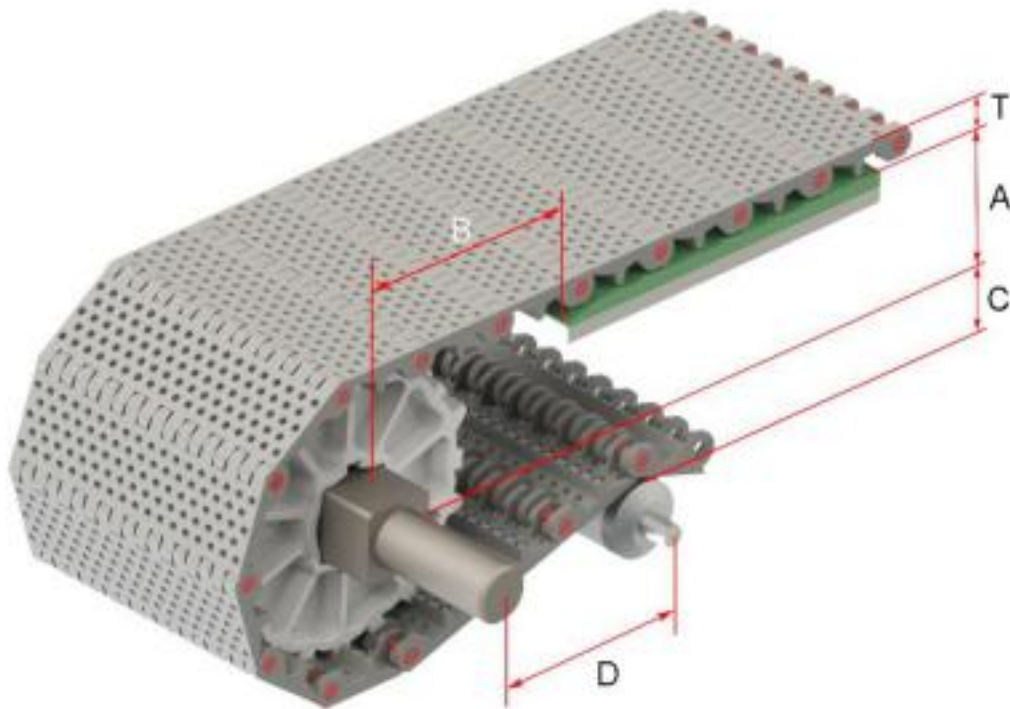
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

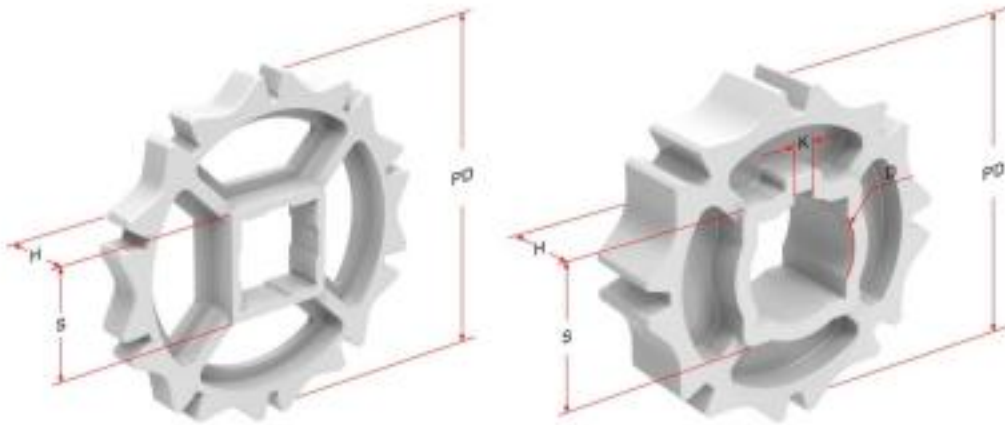
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

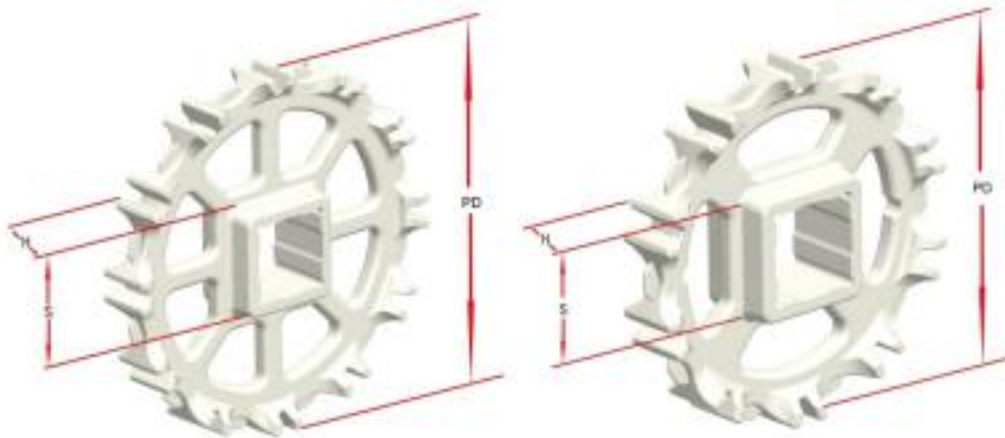
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

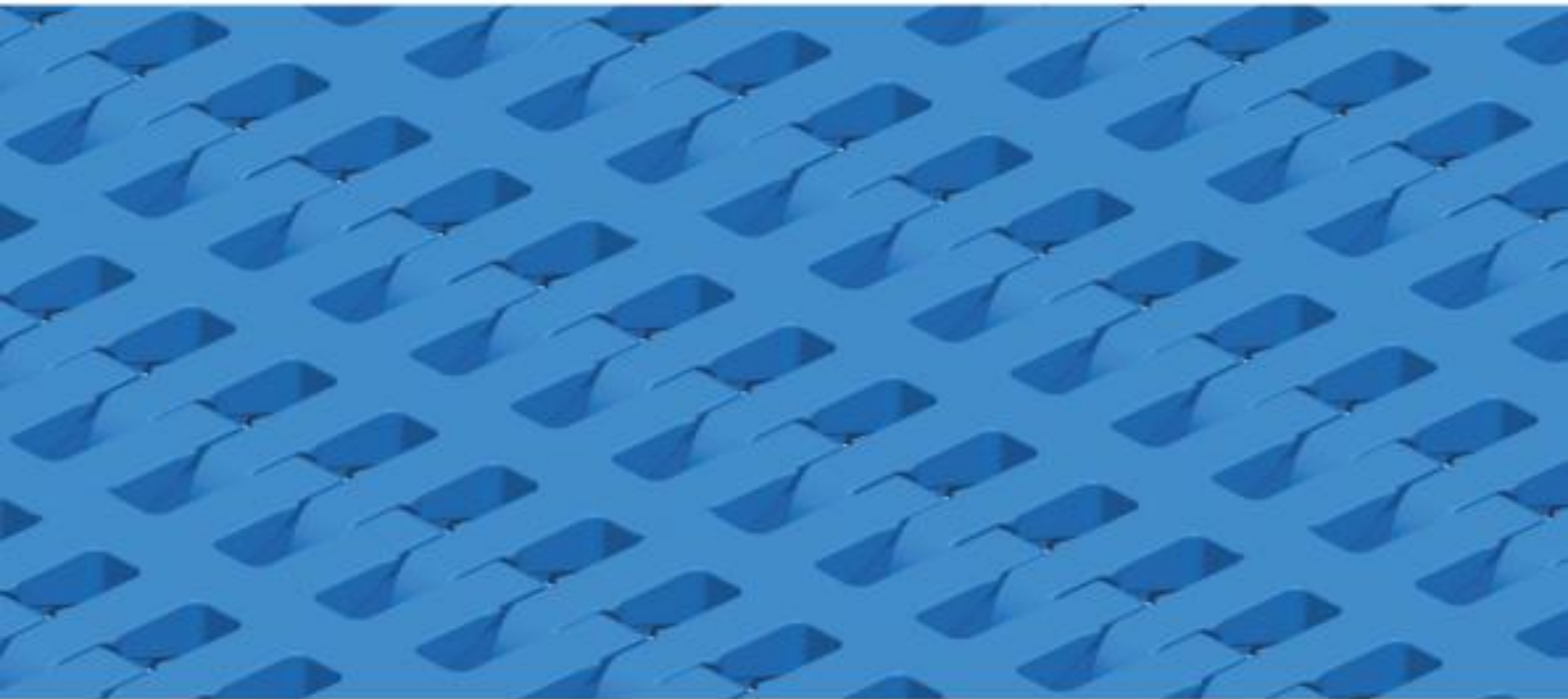


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-103B-HD Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 151mm Open Area: 22% Approved: FDA Rod: Ø 8.0mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	7.5
Polyethylene	1280	12800	--	-60	60	8.1
Acetal	1770	17700	--	-40	80	11.6
Nylon	1520	15200	--	1	180	10.3

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

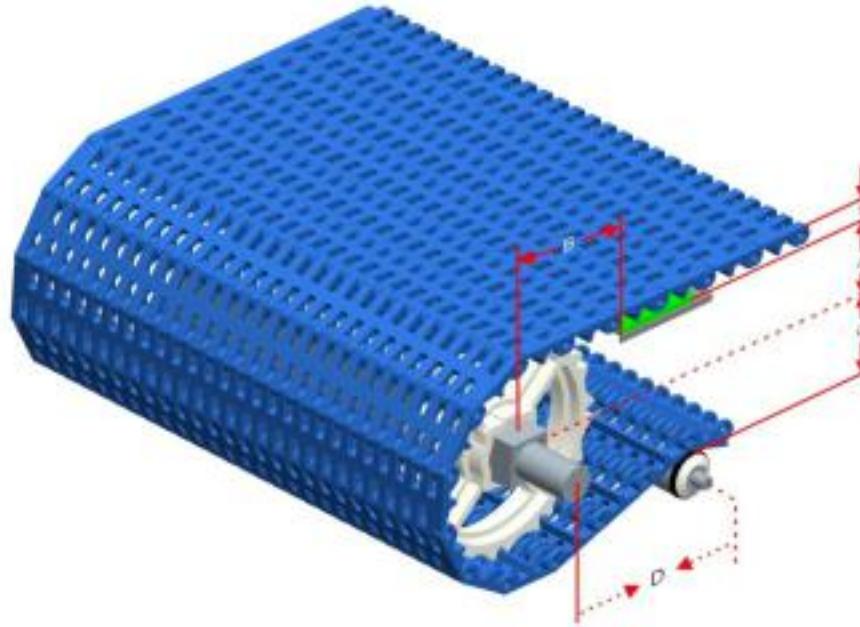
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	--	--	MPB 22%	--	--	--

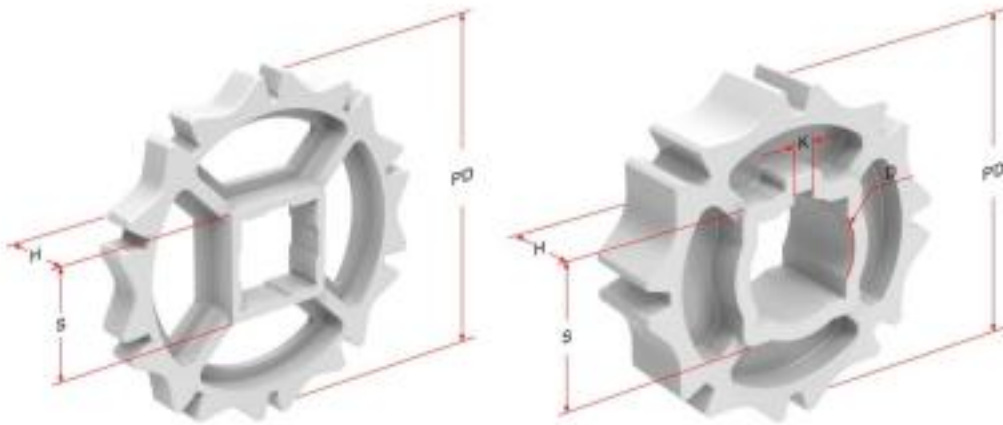
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

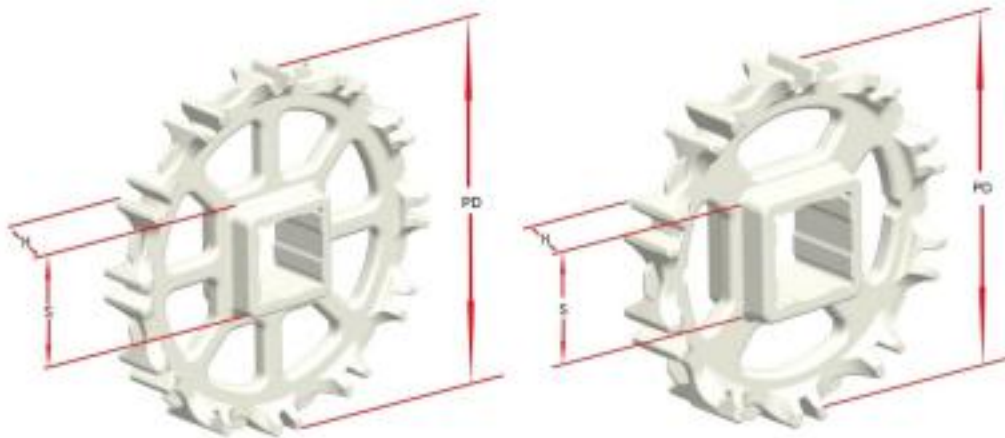
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

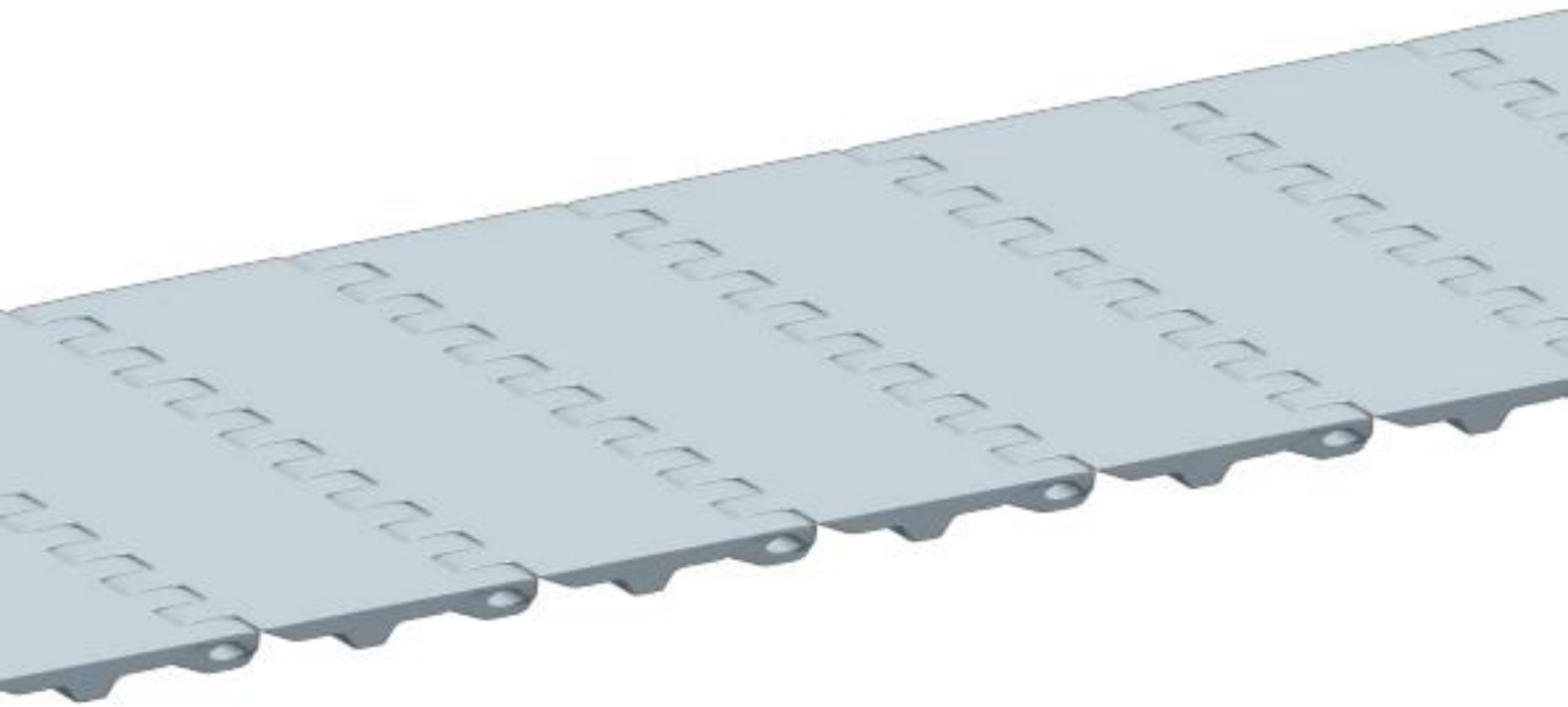


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-100A-HD-N Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 251mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight
	Straight		Curve	°C (min.)	°C (max.)	(Kg/M ²)
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	9.3
Polyethylene	1280	12800	--	-60	60	9.8
Acetal	1770	17700	--	-40	80	14.0
Nylon	1520	15200	--	1	180	12.6
HK	1593	15930	--	-40	80	13.3

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

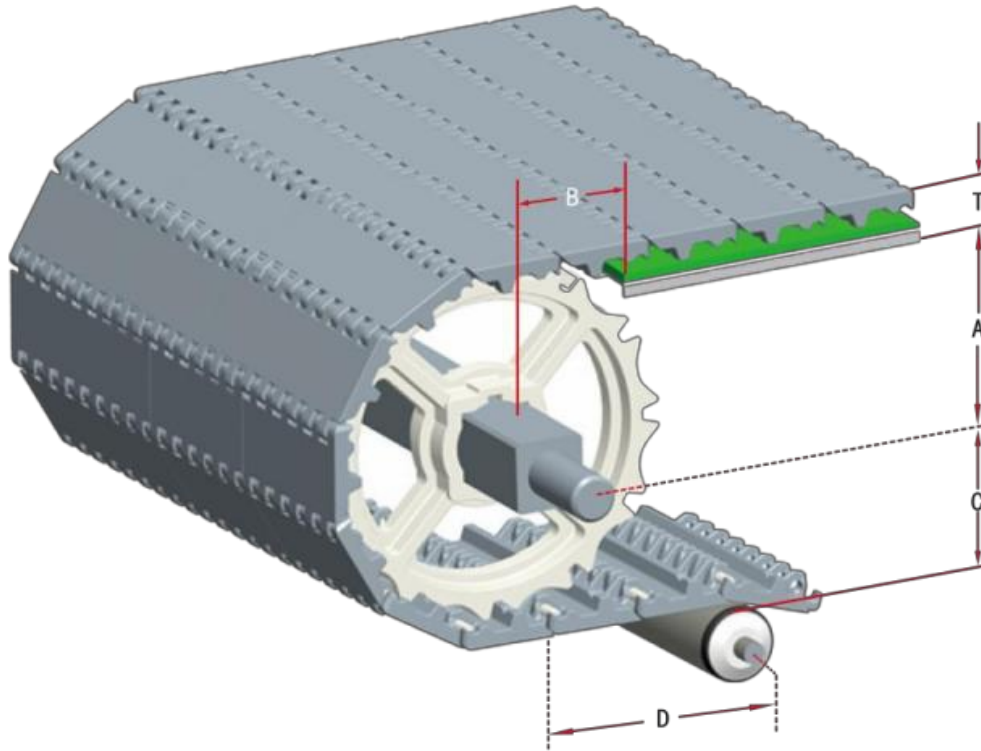
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Open Hinge Flat Top	--	--	--	--	--

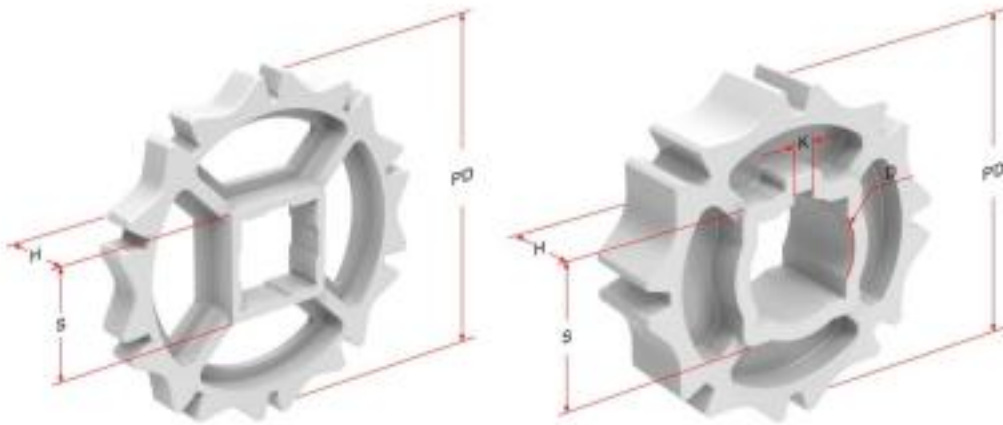
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

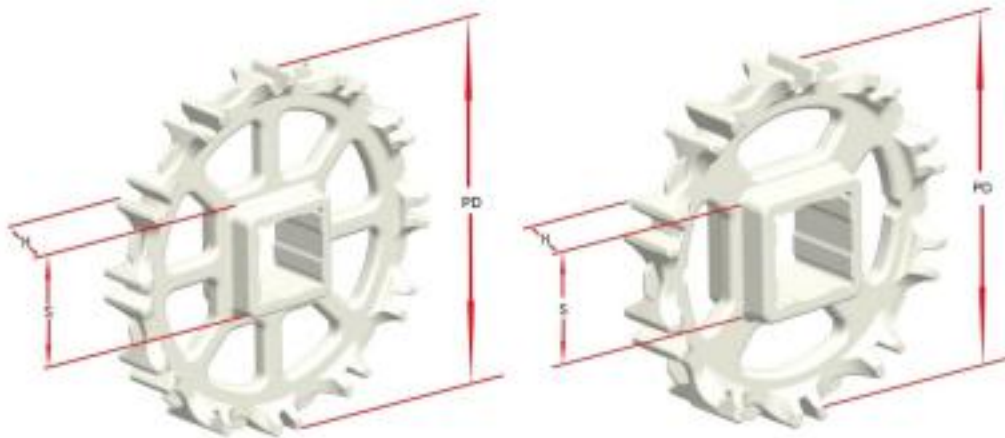
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

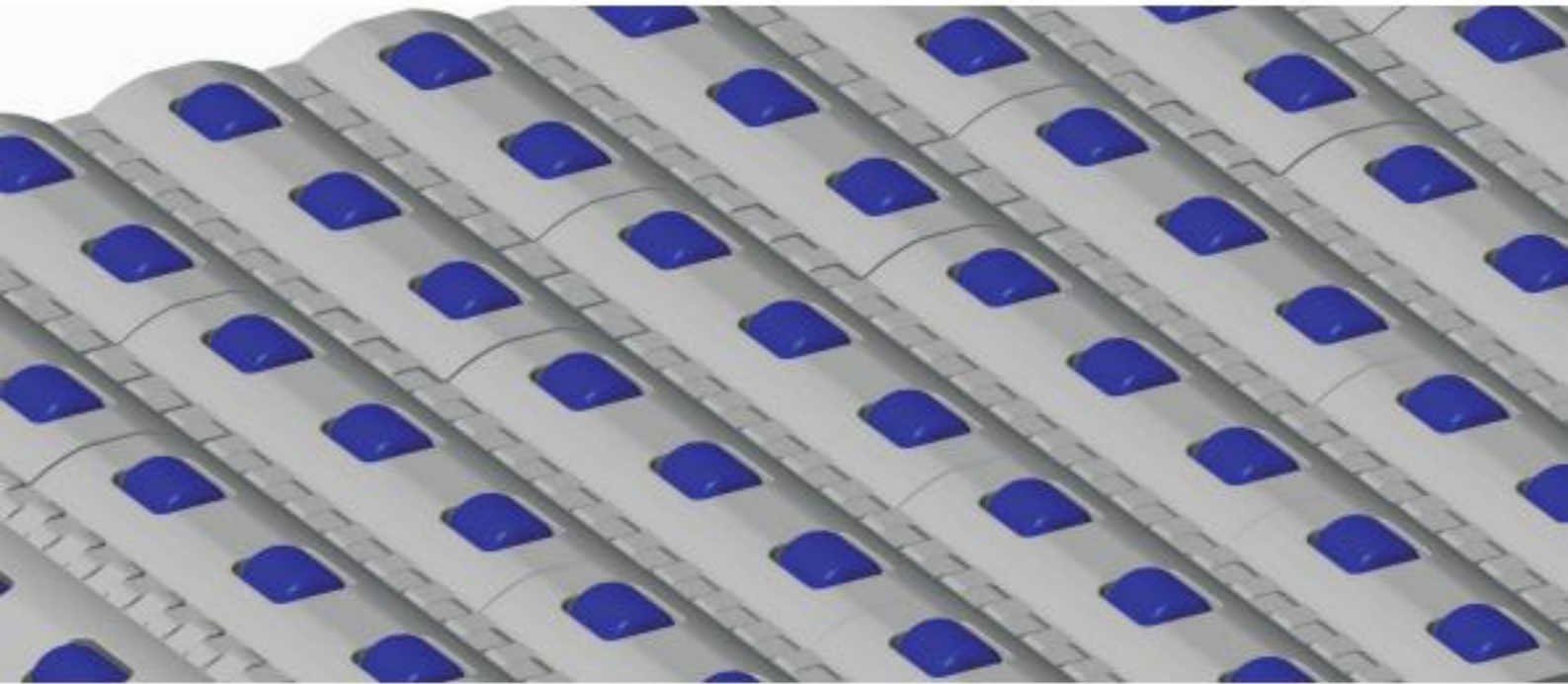


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-100A-HD-N-C Technical Data Sheet



Pitch: 50.8mm Minimum Width: 251mm Open Area: 3% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	14.5
Acetal	1770	17700	--	-40	80	20.5

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

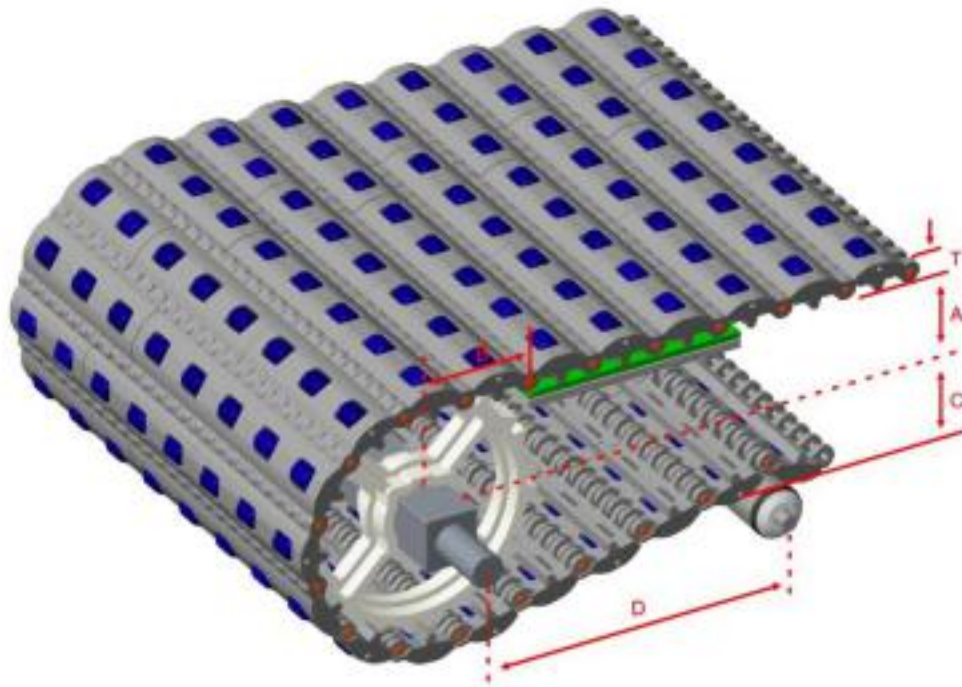
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Roller Top	--	--	--	--	--

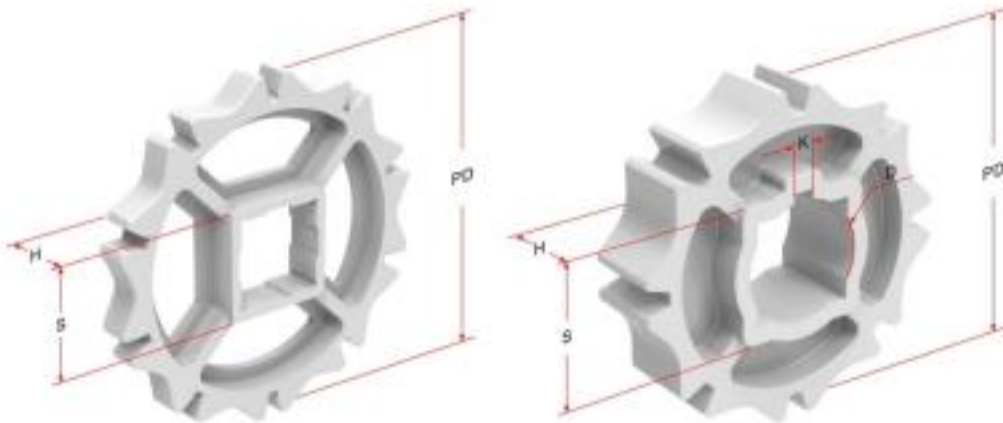
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

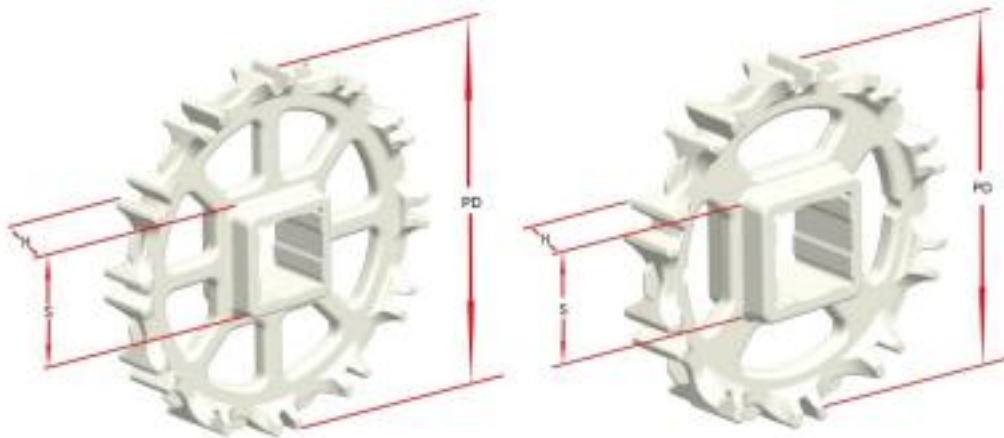
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
6	33.05	54.55	25.55	250	23	3.5
6/N	36.6	58.1	29.1	250		
8 / 8/N	50.15	71.65	42.65	250		
10 / 10/N	67.15	88.65	59.65	250		
12 / 12/N	83.9	105.4	76.4	300		
16 / 16/N	115.35	136.85	107.85	300		



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

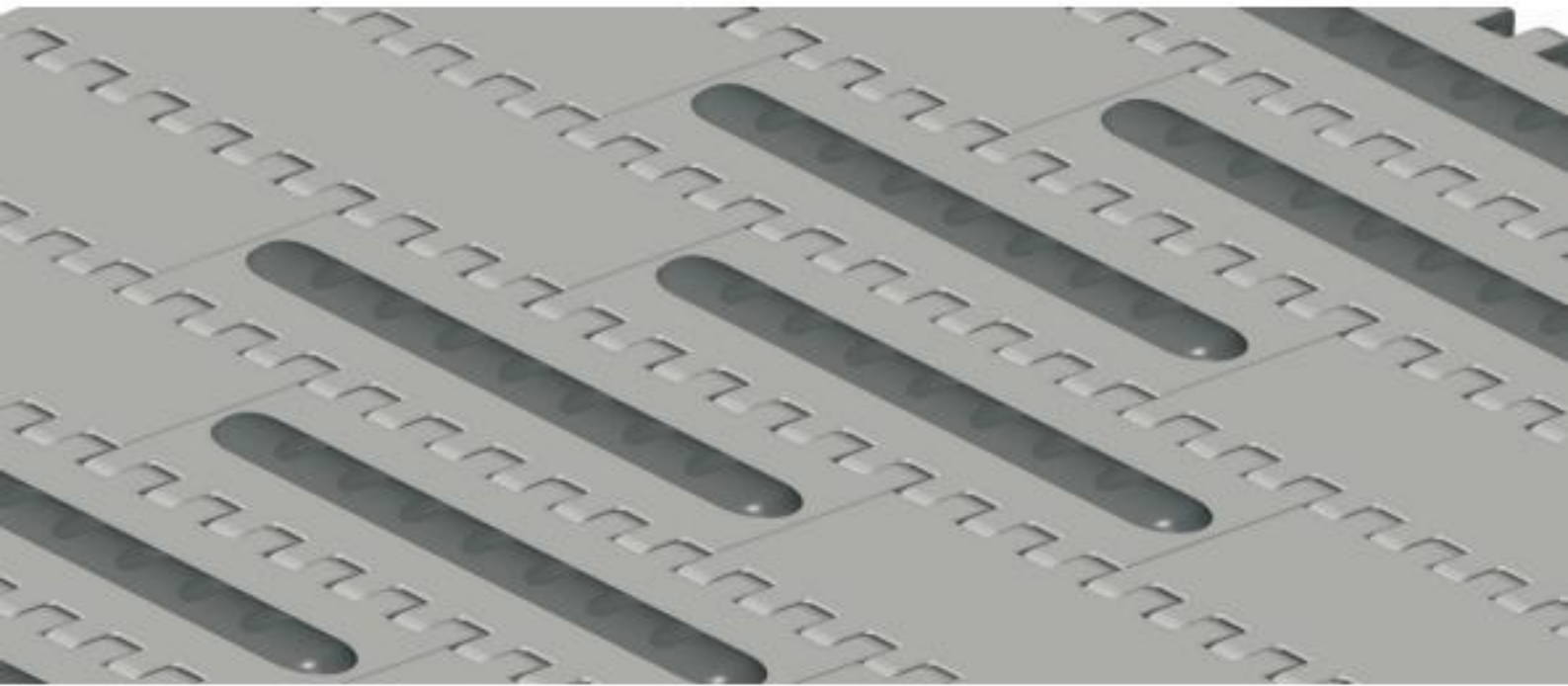


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-100A-HD-N-EL Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 203mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	13.57

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

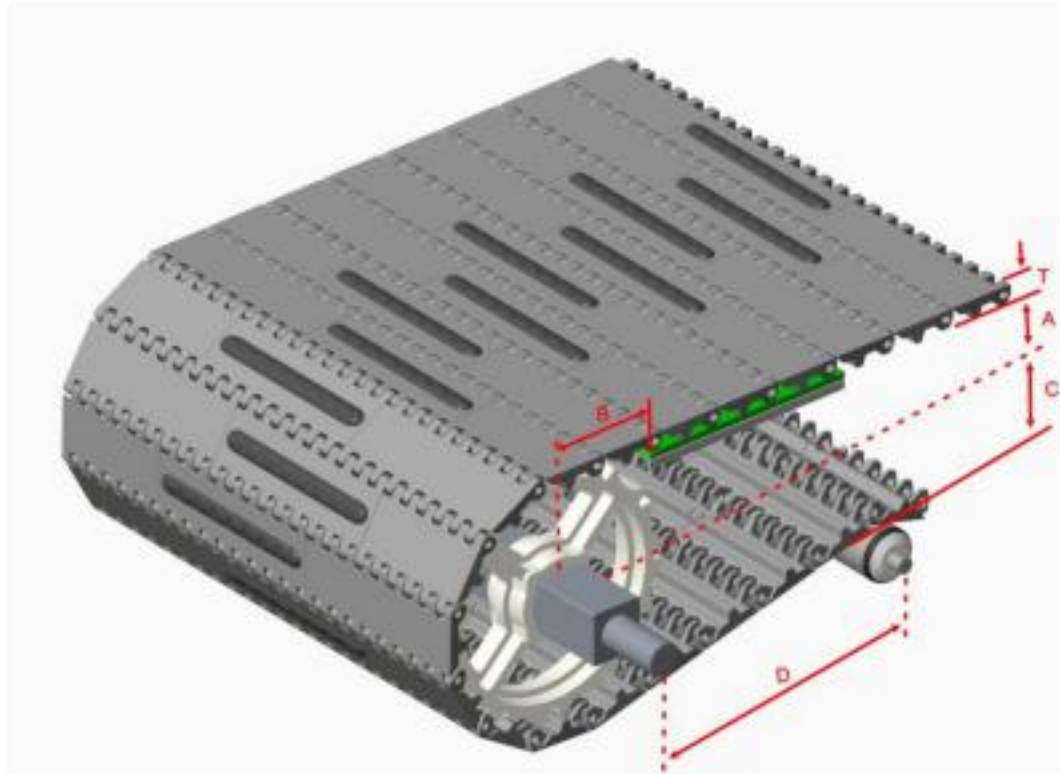
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Rounded Friction Top	--	--	--	--	--

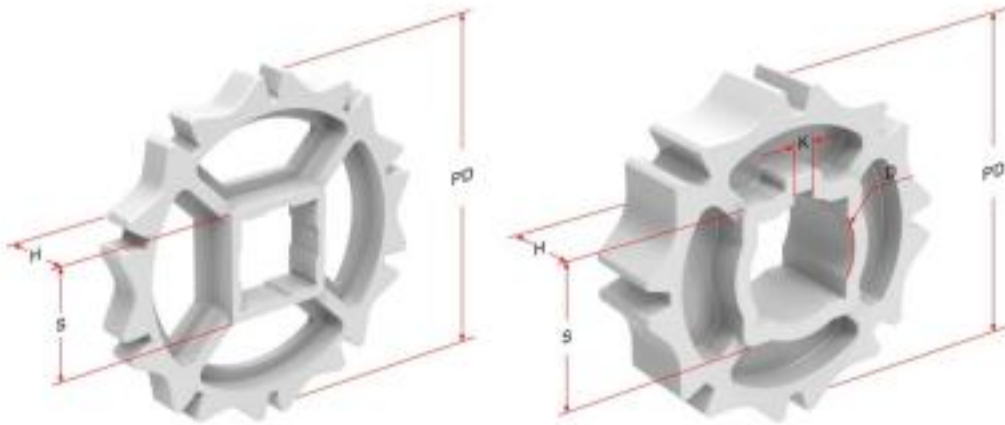
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

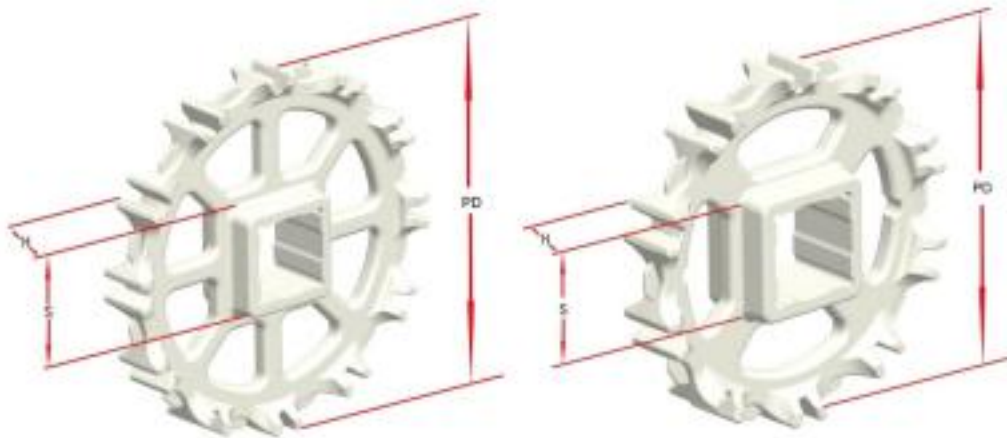
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
6	36.55	54.55	32.55	250	16	3.5
6/N	40.1	58.1	36.1	250		
8 / 8/N	53.65	71.65	49.65	250		
10 / 10/N	70.65	88.65	66.65	250		
12 / 12/N	87.4	105.4	83.4	300		
16 / 16/N	118.85	136.85	114.85	300		



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

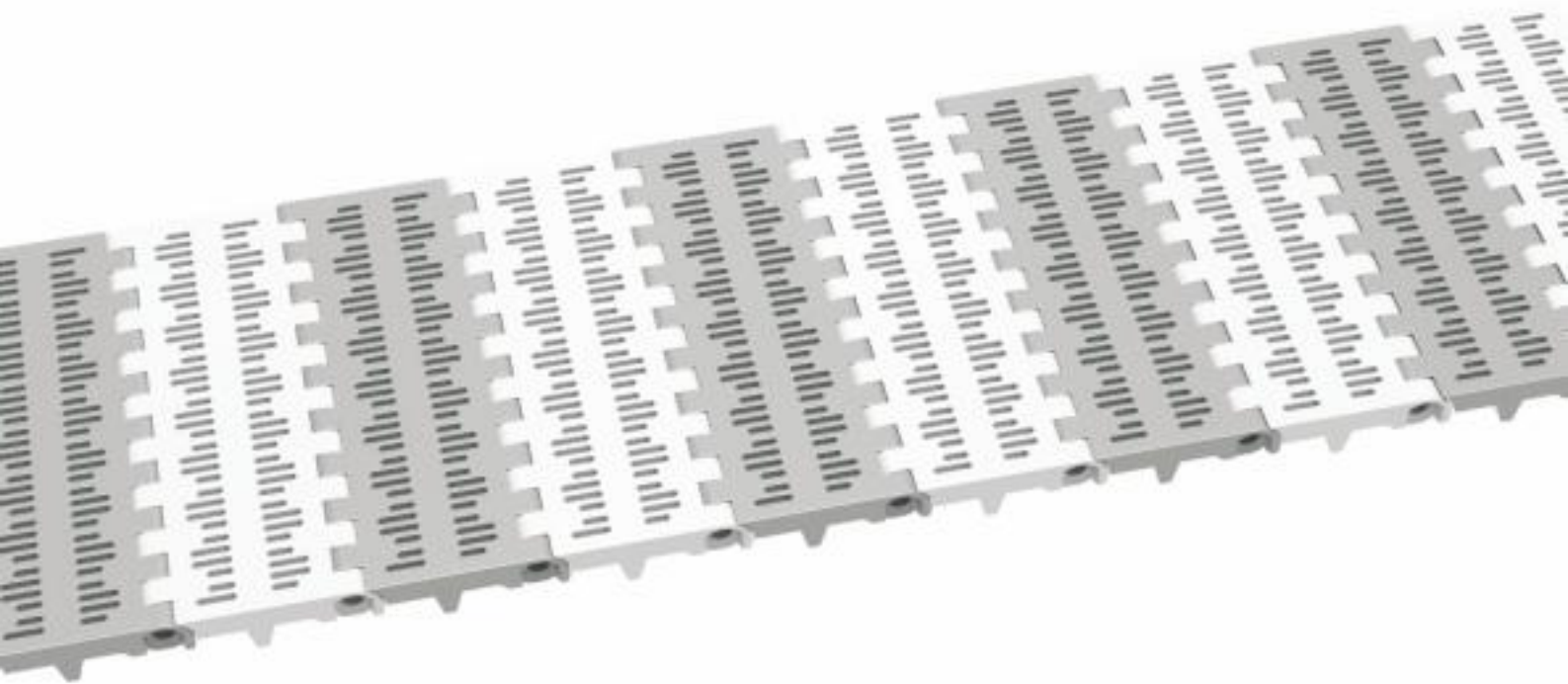


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-100B-HD-N Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 151.5mm Open Area: 17.6% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	8.4
Polyethylene	1280	12800	--	-60	60	8.8
Acetal	1770	17700	--	-40	80	13.1
Nylon	1520	15200	--	1	180	11.8

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

Friction Table

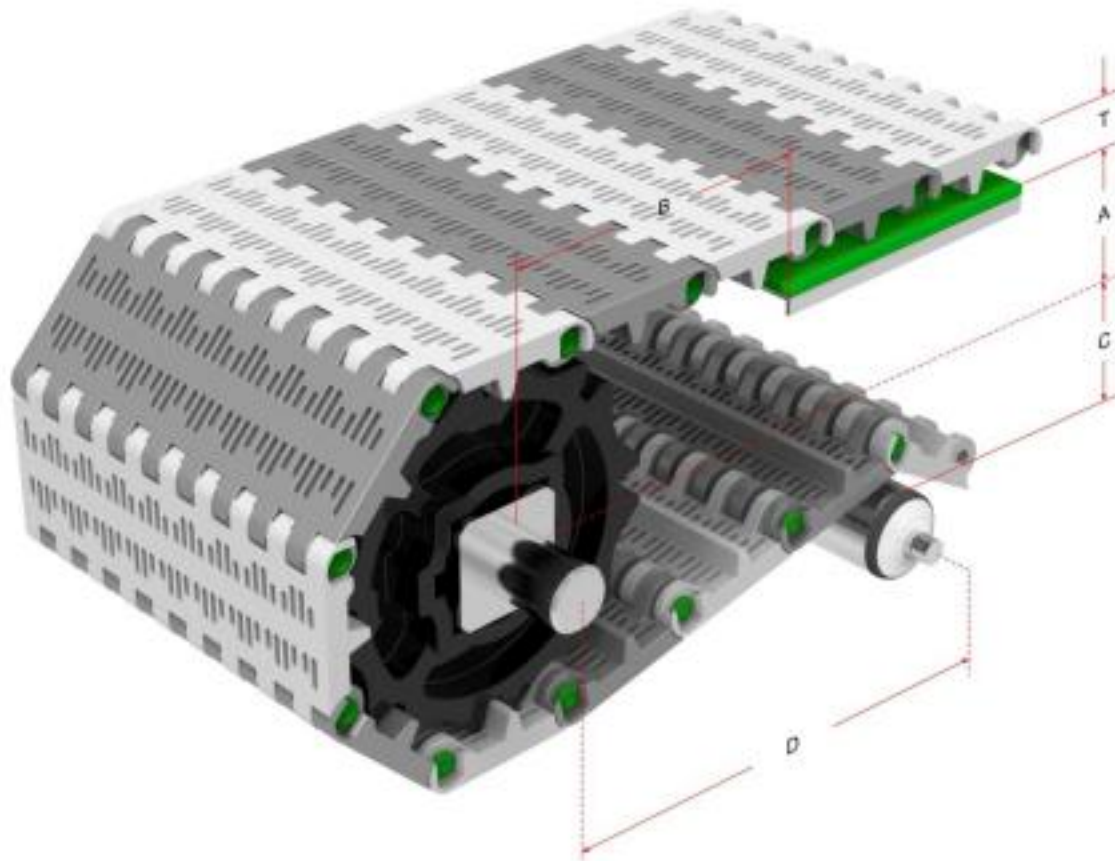
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Perforated Flat Top	--	--	--	--	--

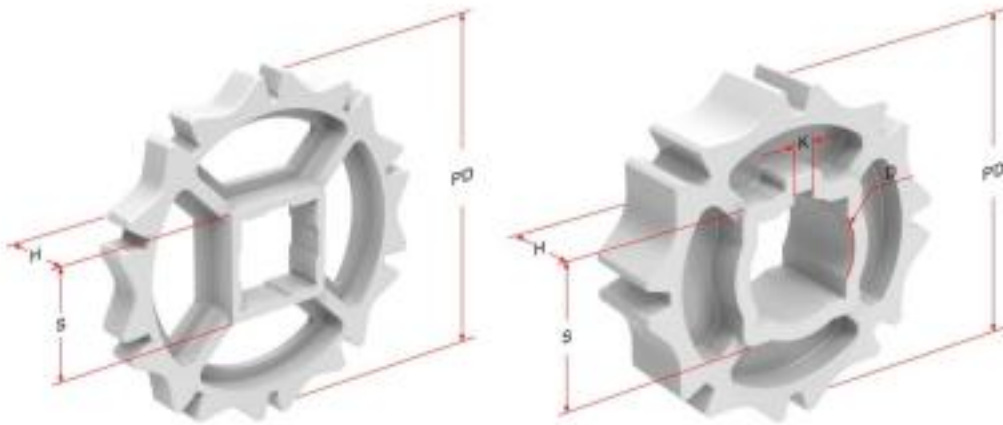
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

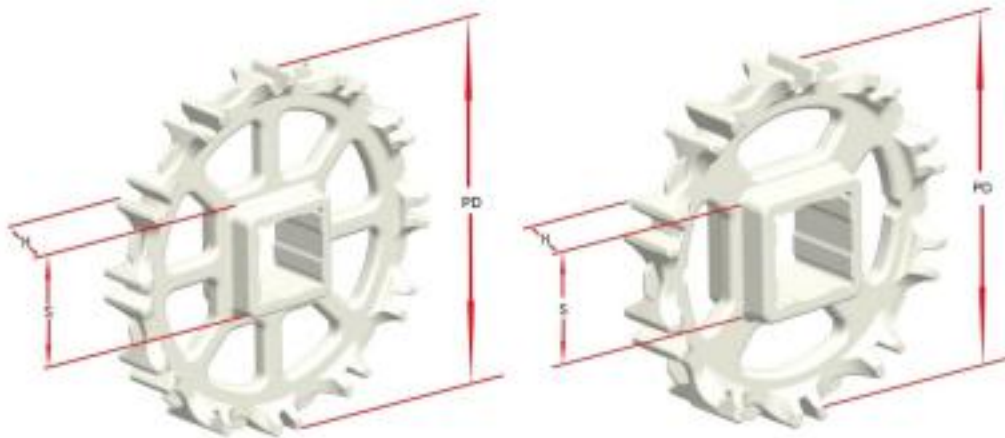
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

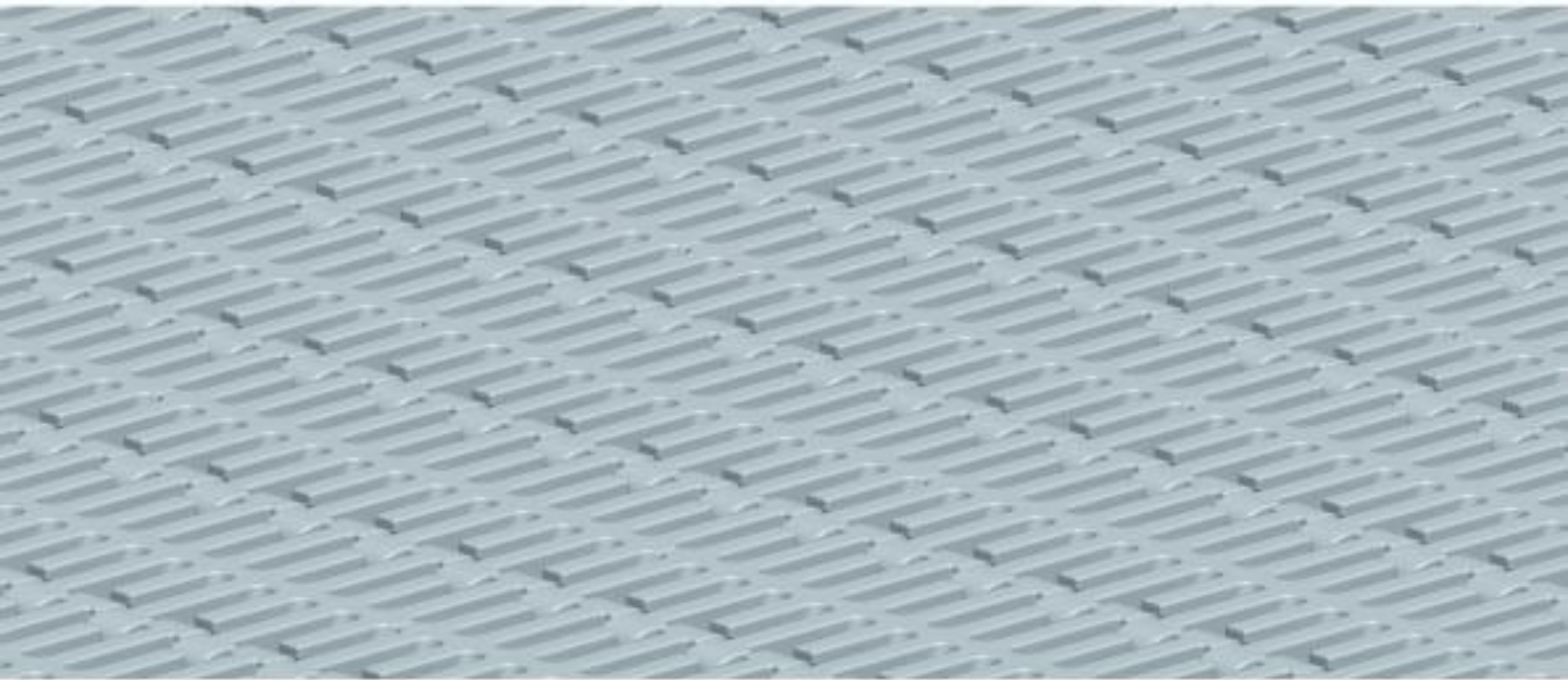


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-103B-HD-N Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 150.3mm Open Area: 27% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: No Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	7.5
Polyethylene	1280	12800	--	-60	60	8.1
Acetal	1770	17700	--	-40	80	11.6
Nylon	1520	15200	--	1	180	10.3

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

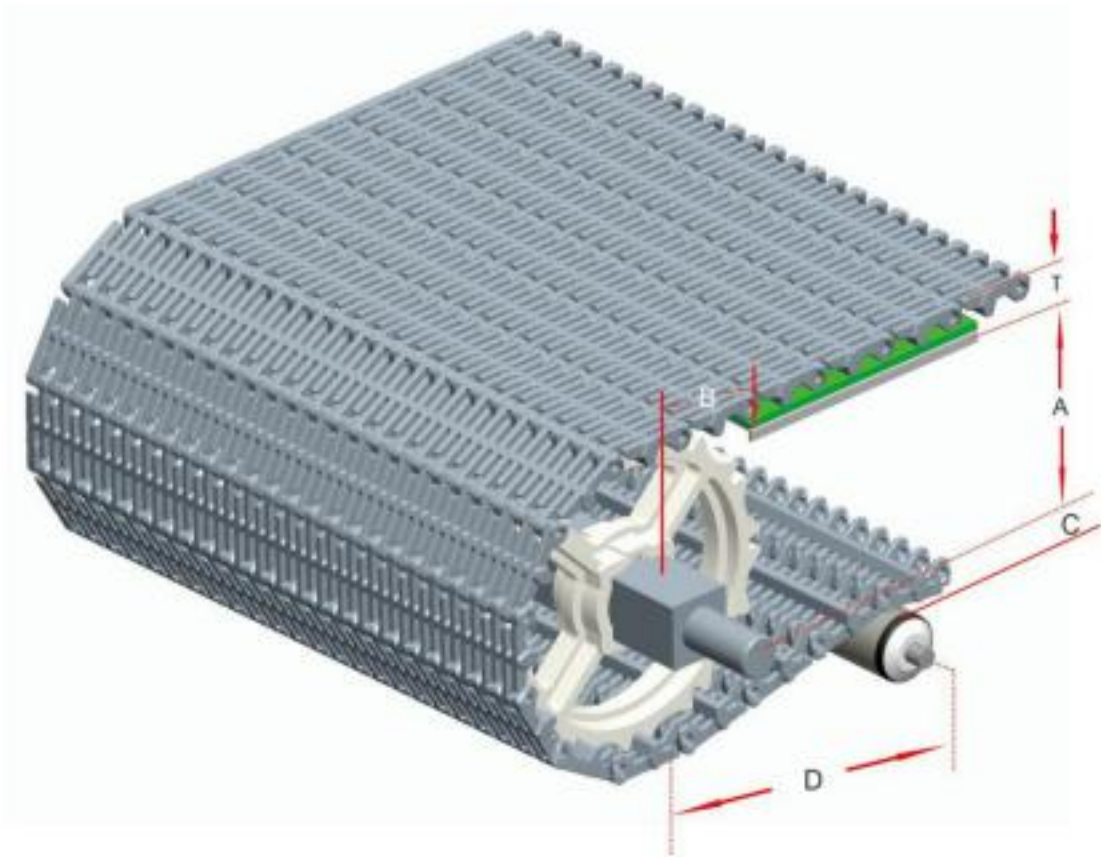
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Flush Grid	--	--	--	--	--

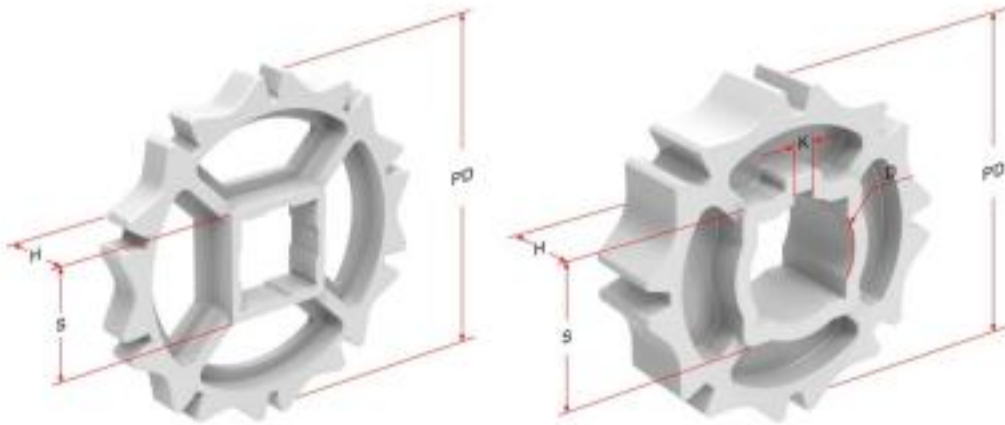
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

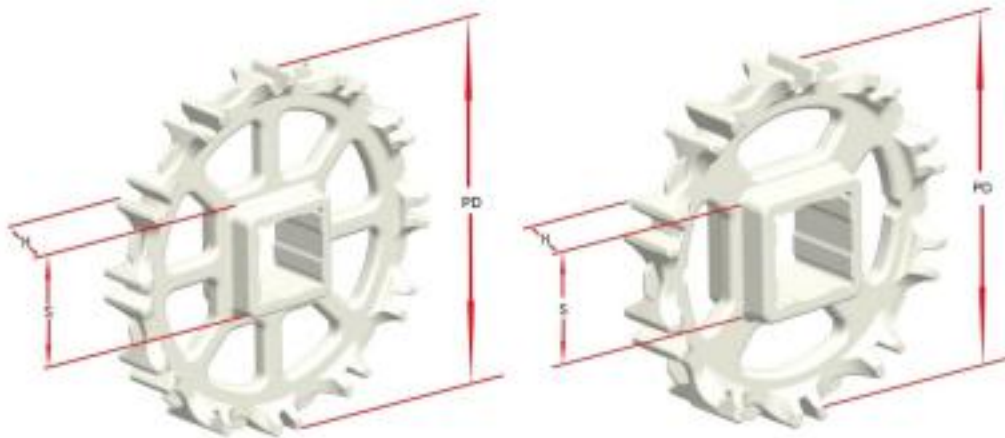
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
6	36.55	54.55	32.55	250	16
6/N	40.1	58.1	36.1	250	
8 / 8/N	53.65	71.65	49.65	250	
10 / 10/N	70.65	88.65	66.65	250	
12 / 12/N	87.4	105.4	83.4	300	
16 / 16/N	118.85	136.85	114.85	300	



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

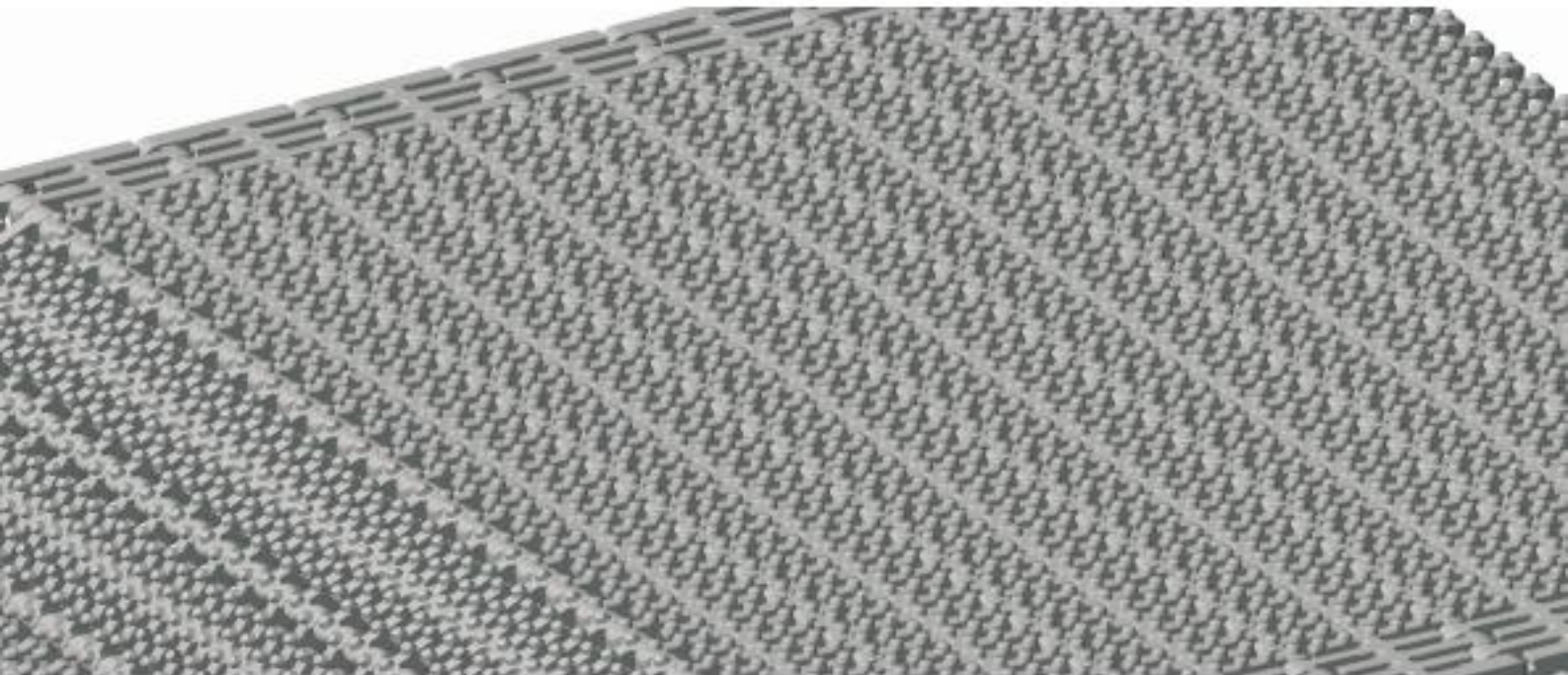


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-103B-HD-AN Technical Data Sheet



<p>Pitch: 50.8mm Minimum Width: 150.3mm Open Area: 27% Approved: FDA Rod: Ø 5.8mm Flight: Yes Side Guard: No Curve: No Standard Nub Indent: 33.0mm</p>	
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Data

Belt Material	Belt Strength		Curve	Temperature		Belt Weight (Kg/M ²)
	Straight			°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1340	13400	--	1	100	7.7
Polyethylene	1280	12800	--	-60	60	9.03
Acetal	1770	17700	--	-40	80	11.6

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

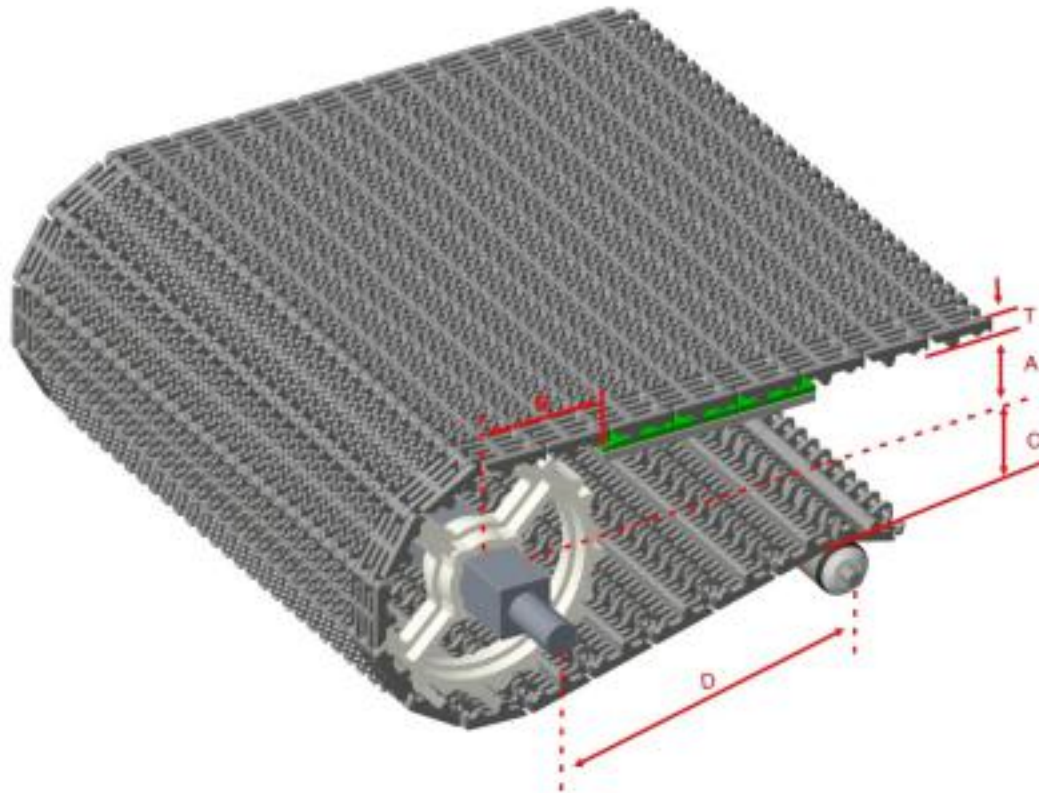
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S800 Flush Grid Nub Top	--	--	--	--	--

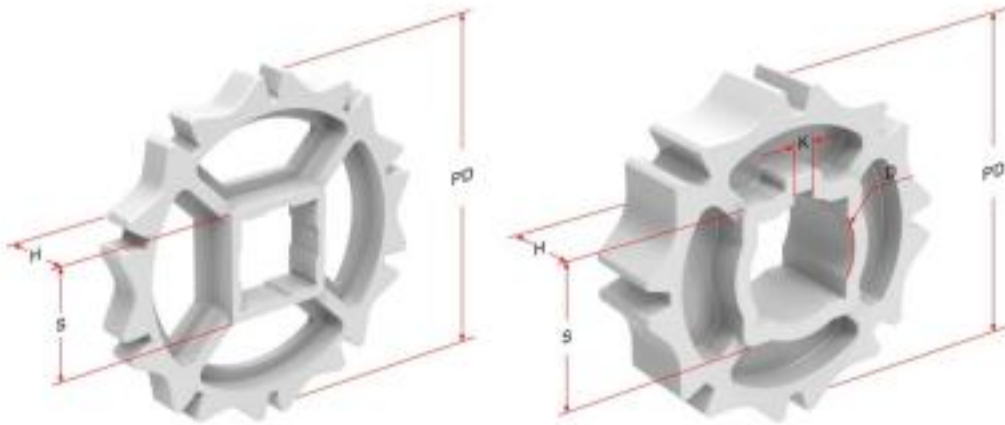
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

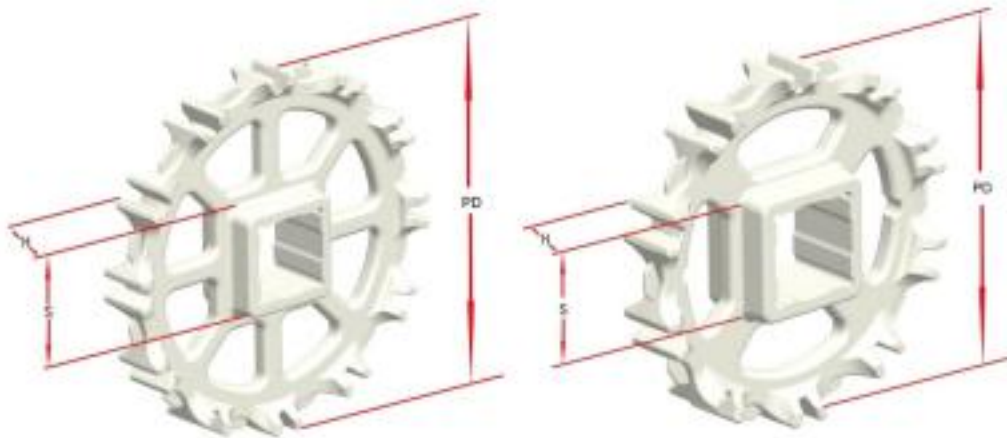
No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
6	36.55	54.55	32.55	250	16	3
6/N	40.1	58.1	36.1	250		
8 / 8/N	53.65	71.65	49.65	250		
10 / 10/N	70.65	88.65	66.65	250		
12 / 12/N	87.4	105.4	83.4	300		
16 / 16/N	118.85	136.85	114.85	300		



Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6	101.60	89.1	25.4/38.1/40	25.4/30/45	37	8X8
8	132.75	123.3	38.1/40	25.4/30	37	6.35X3.17
10	164.39	157.2	38.1/40	30	37	8X8
12	196.28	190.8	38.1/40/50/60	--	37	--
16	260.39	253.7	--	25.4	37	8X8

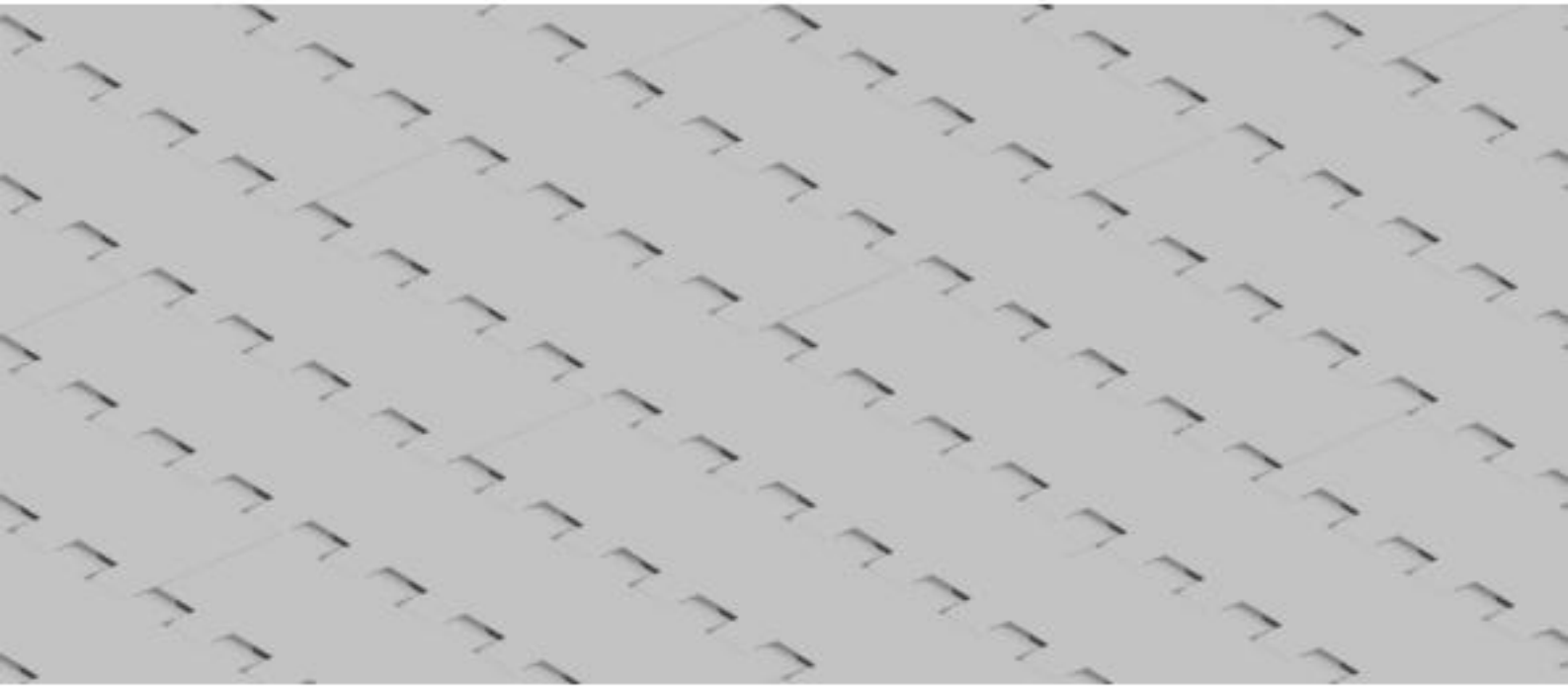


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
6/N	101.60	96.2	25.4/38.1/40	25.4/31.75/38.1	37	6.35X3.17
8/N	132.75	123.3	38.1/40	25.4/25.5/30/31.75	37	6.35X3.17
10/N	164.39	157.3	38.1/40/50.8/60	25.4/30/31.75/35/36/38.1/50/50.8	37	6.35X3.17
12/N	196.28	190.8	38.1/40/60	--	37	--
16/N	260.39	253.7	38.1/40/60/63.5	25	37	8X8

HS-200A Technical Data Sheet



<p>Pitch: 25.4mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 4.9mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	5.2
Polyethylene	1105	11050	--	-60	60	5.4
Acetal	1520	15200	--	-40	80	7.6
Nylon	1310	13100	--	1	180	6.6

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

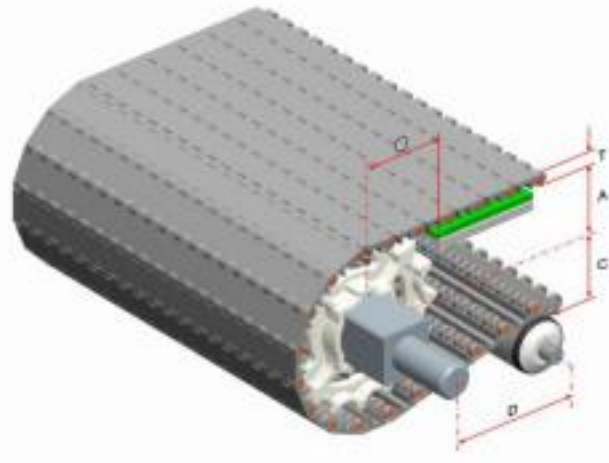
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

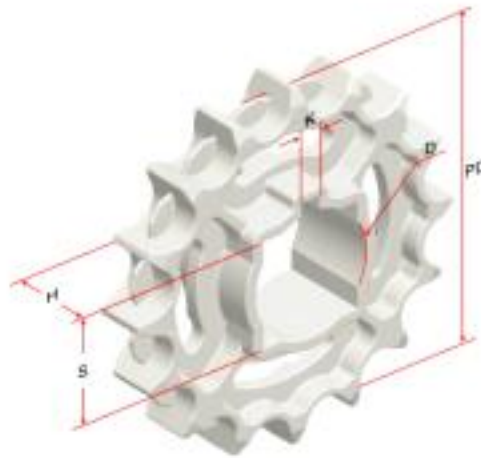
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
7	23.5	38.5	22.5	200	10
8	28.4	43.4	27.4	200	
10	36.3	51.3	35.3	200	
12	44.3	59.3	43.3	200	
16	61	76	60	200	
20	77.5	92.5	76.5	200	

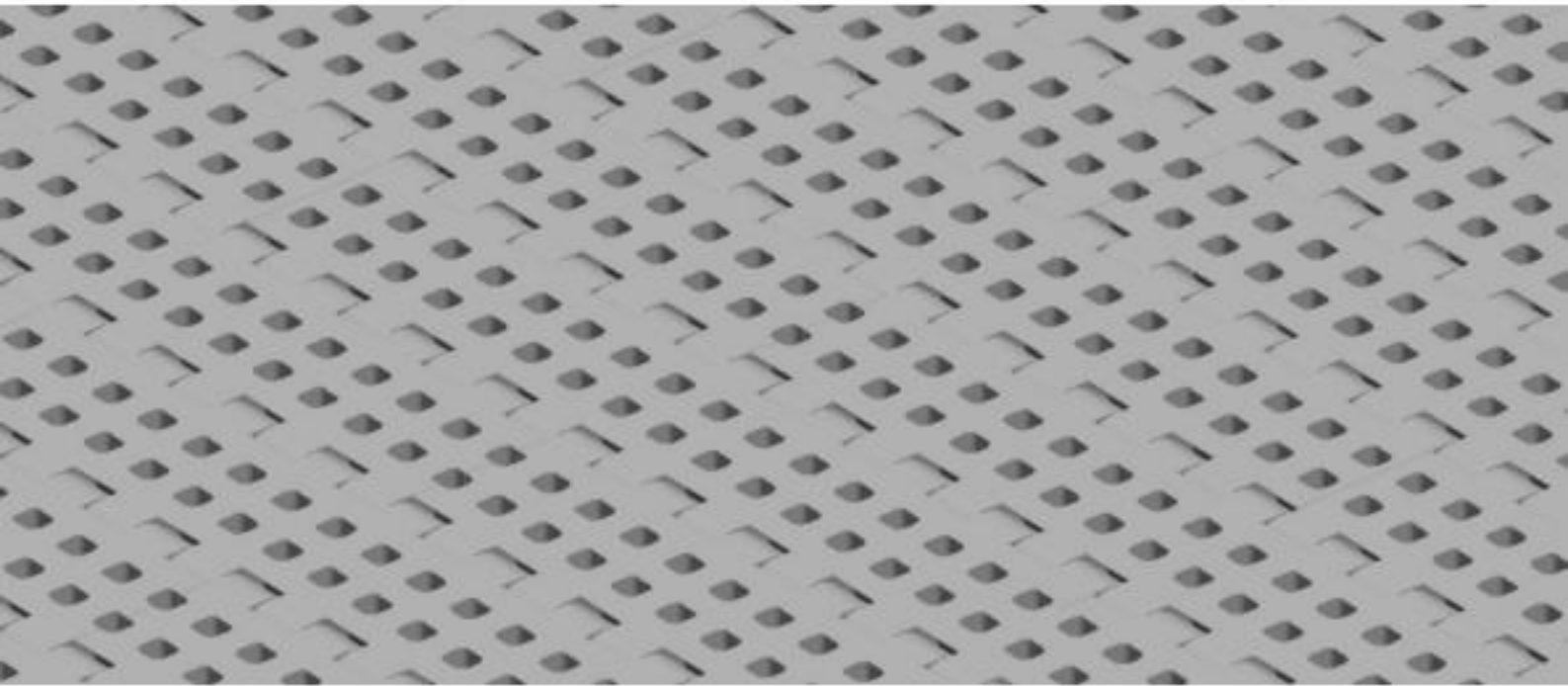


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
7	58.54	57	25	—	22	—
8	66.37	66.8	25.4	25.4/30	22	6X6
10	82.20	82.6	38.1/40	20/25.4/30/45	22	8X8
12	98.14	98.7	35/38.1/40	20/25.4/30/40/45	38	8X8
16	130.20	132	35/38.1/40	25.4/30/35/45	38	8X8
20	162.37	165	38.1/40	25/47	38	8X8

HS-200B Technical Data Sheet



<p>Pitch: 25.4mm Minimum Width: 45mm Open Area: 15% Approved: FDA Rod: Ø 4.9mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	4.3
Polyethylene	1105	11050	--	-60	60	4.4
Acetal	1520	15200	--	-40	80	6.6
Nylon	1310	13100	--	1	180	6.0

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

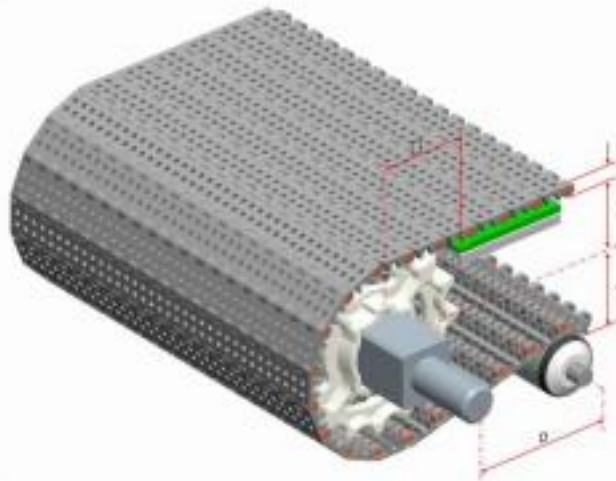
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

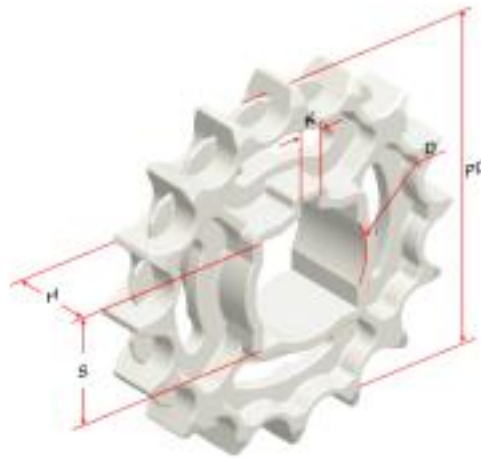
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
7	23.5	38.5	22.5	200	10
8	28.4	43.4	27.4	200	
10	36.3	51.3	35.3	200	
12	44.3	59.3	43.3	200	
16	61	76	60	200	
20	77.5	92.5	76.5	200	

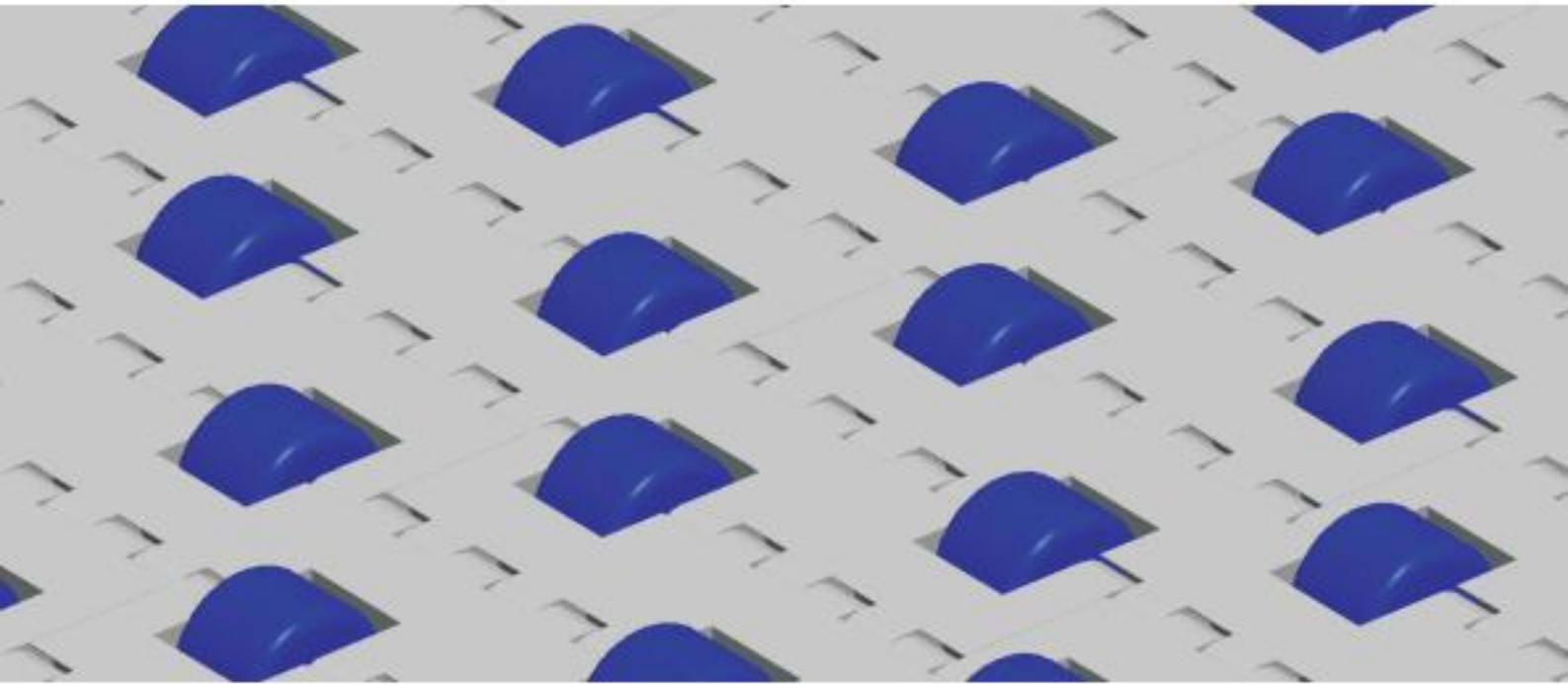


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
7	58.54	57	25	—	22	—
8	66.37	66.8	25.4	25.4/30	22	6X6
10	82.20	82.6	38.1/40	20/25.4/30/45	22	8X8
12	98.14	98.7	35/38.1/40	20/25.4/30/40/45	38	8X8
16	130.20	132	35/38.1/40	25.4/30/35/45	38	8X8
20	162.37	165	38.1/40	25/47	38	8X8

HS-200C Technical Data Sheet



Pitch: 25.4mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 4.9mm Flight: No Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	6.3
Polyethylene	1105	11050	--	-60	60	6.8
Acetal	1520	15200	--	-40	80	7.3
Nylon	1310	13100	--	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-Gray, N-Nature, DB-Dark brown, B-Blue (For more information of belt color, pls consult our sales team)

Friction Table

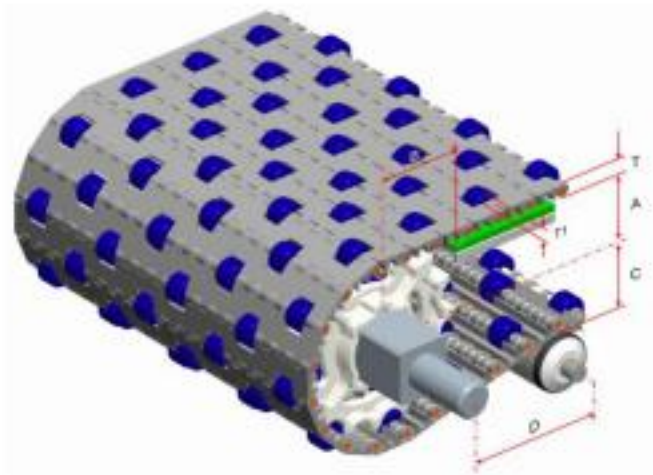
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

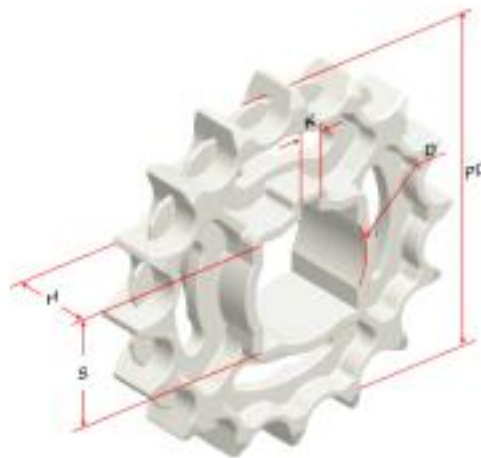
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
7	23.5	38.5	22.5	200	10	3
8	28.4	43.4	27.4	200		
10	35.3	51.3	35.3	200		
12	44.3	59.3	43.3	200		
16	61	76	60	200		
20	77.5	92.5	76.5	200		



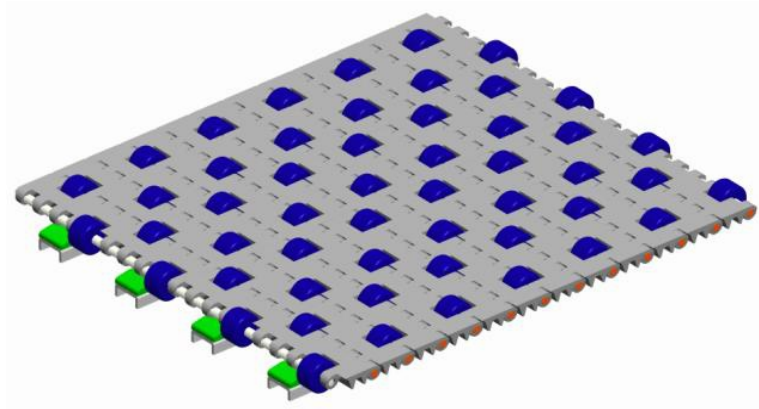
Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
7	58.54	57	25	-	22	-
8	66.37	66.8	25.4	25.4/30	22	6X6
10	82.20	82.6	38.1/40	20/25.4/30/45	22	8X8
12	98.14	98.7	35/38.1/40	20/25.4/30/40/45	38	8X8
16	130.20	132	35/38.1/40	25.4/30/35/45	38	8X8
20	162.37	165	38.1/40	25/47	38	8X8

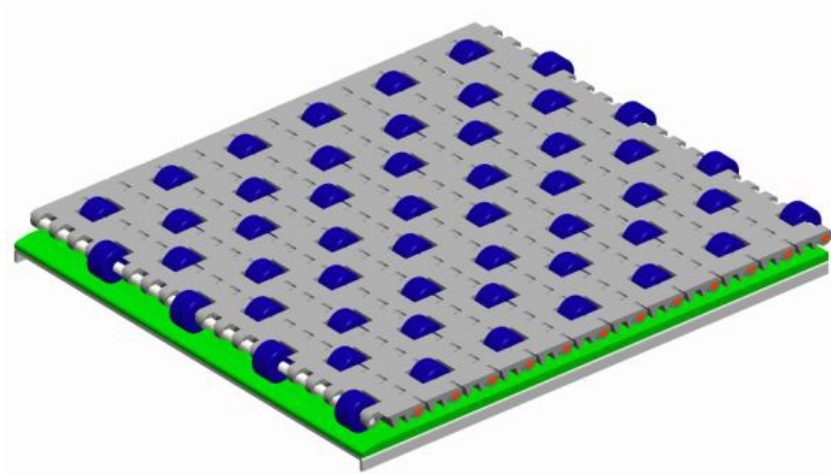
Support Mode of Insert Roller

- Accumulation



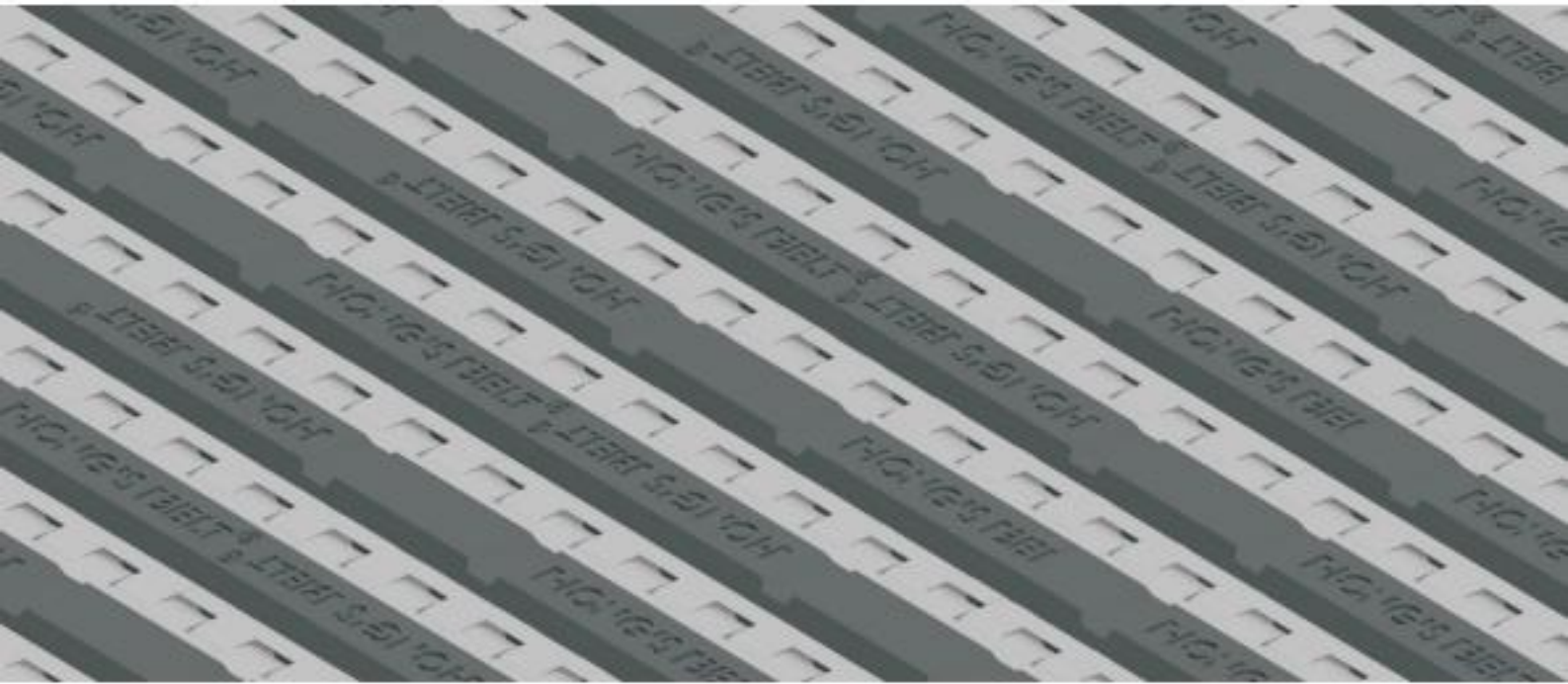
Wear Strips are placed between rollers for accumulation.

- 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.

HS-200EL Technical Data Sheet



Pitch: 25.4mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 4.9mm Flight: Yes Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	6.0

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

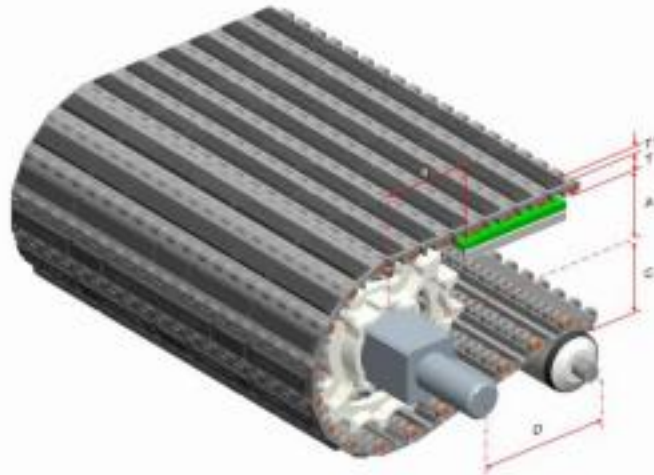
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

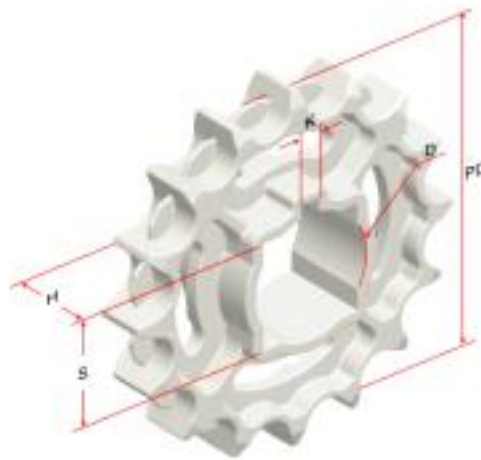
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
7	23.5	38.5	22.5	200	10	3
8	28.4	43.4	27.4	200		
10	35.3	51.3	35.3	200		
12	44.3	59.3	43.3	200		
16	61	76	60	200		
20	77.5	92.5	76.5	200		

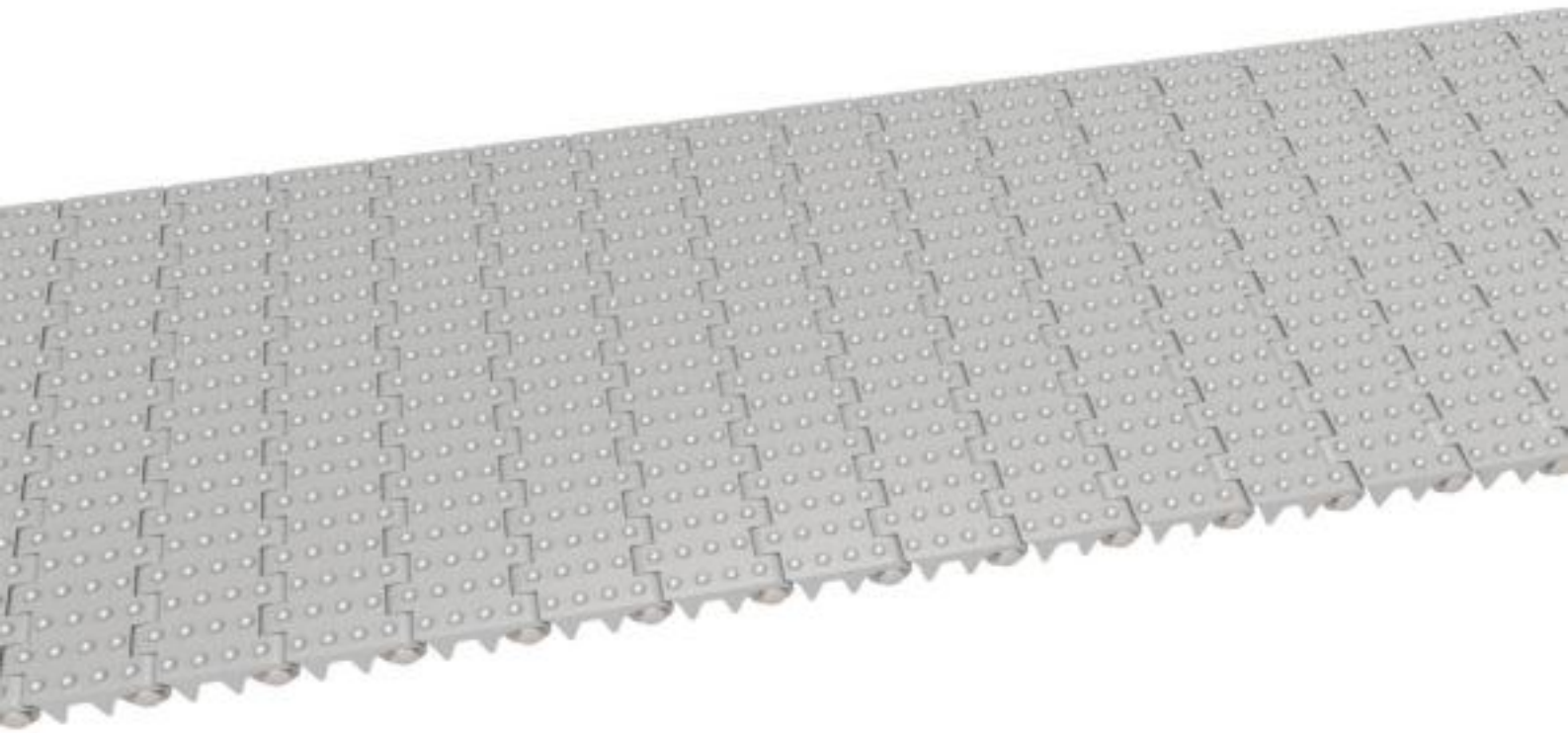


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
7	58.54	57	25	—	22	—
8	66.37	66.8	25.4	25.4/30	22	6X6
10	82.20	82.6	38.1/40	20/25.4/30/45	22	8X8
12	98.14	98.7	35/38.1/40	20/25.4/30/40/45	38	8X8
16	130.20	132	35/38.1/40	25.4/30/35/45	38	8X8
20	162.37	165	38.1/40	25/47	38	8X8

HS-200AN Technical Data Sheet



Pitch: 25.4mm Minimum Width: 45mm Open Area: 0% Approved: FDA Rod: Ø 4.9mm Flight: Yes Side Guard: No Curve: No	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	5.34
Polyethylene	1105	11050	--	-60	60	5.54
Acetal	1520	15200	--	-40	80	7.74
Nylon	1310	13100	--	1	180	6.74

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

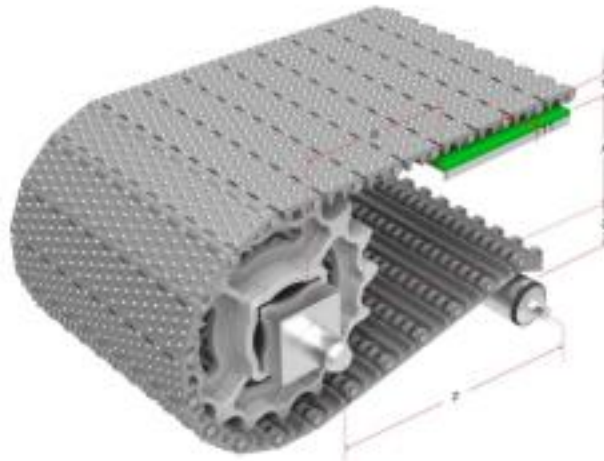
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

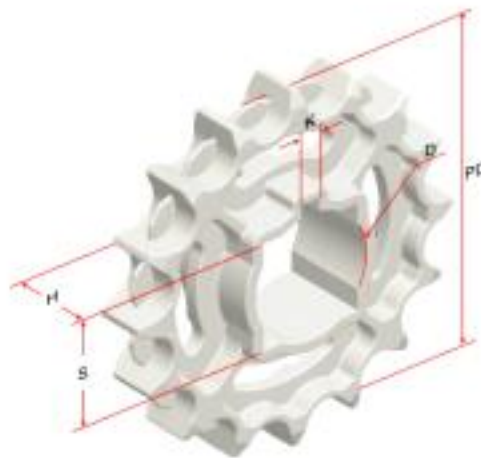
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
7	23.5	38.5	22.5	200	10	1.5
8	28.4	43.4	27.4	200		
10	35.3	51.3	35.3	200		
12	44.3	59.3	43.3	200		
16	61	76	60	200		
20	77.5	92.5	76.5	200		

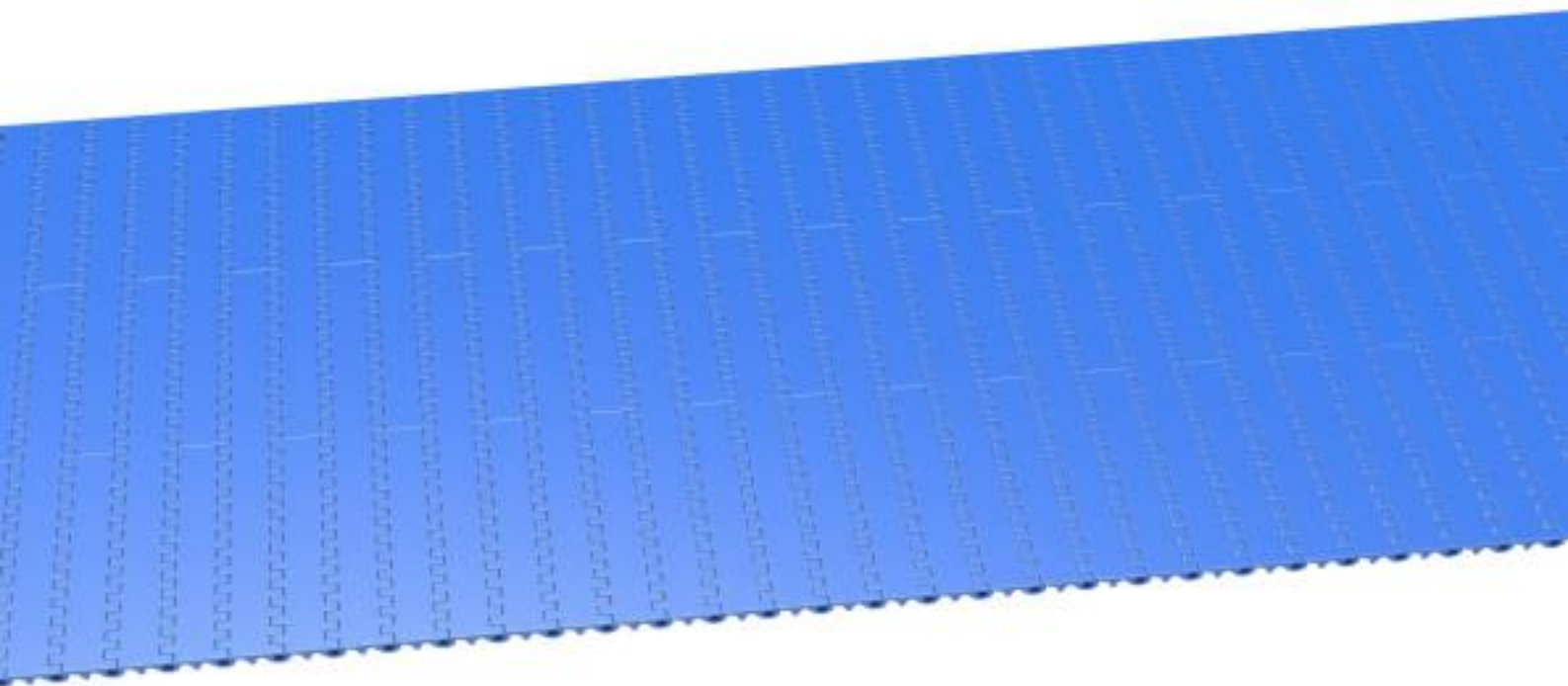


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
7	58.54	57	25	—	22	—
8	66.37	66.8	25.4	25.4/30	22	6X6
10	82.20	82.6	38.1/40	20/25.4/30/45	22	8X8
12	98.14	98.7	35/38.1/40	20/25.4/30/40/45	38	8X8
16	130.20	132	35/38.1/40	25.4/30/35/45	38	8X8
20	162.37	165	38.1/40	25/47	38	8X8

HS-200A-HD Technical Data Sheet



<p>Pitch: 25.4mm Minimum Width: 152mm Open Area: 0% Approved: FDA Rod: Ø 5.3mm Flight: Yes Side Guard: Yes Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1155	11550	--	1	100	5.6
Polyethylene	1105	11050	--	-60	60	5.8
Acetal	1520	15200	--	-40	80	8.9
Nylon	1310	13100	--	1	180	6.8

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

Friction Table

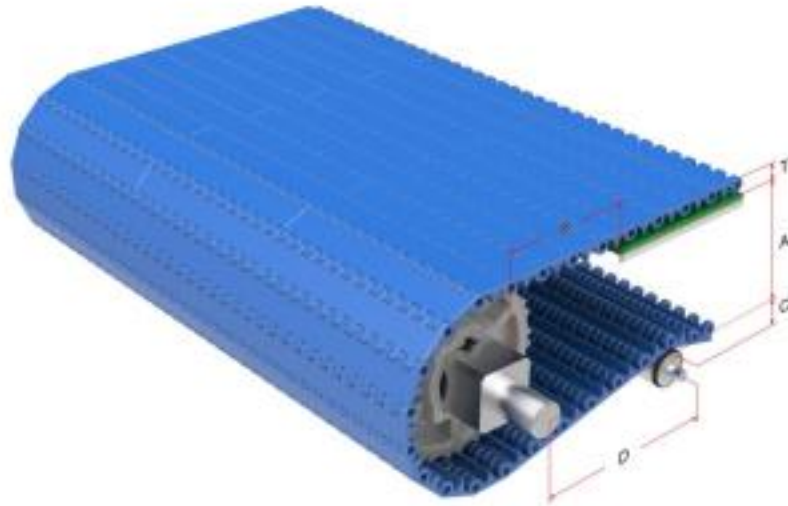
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

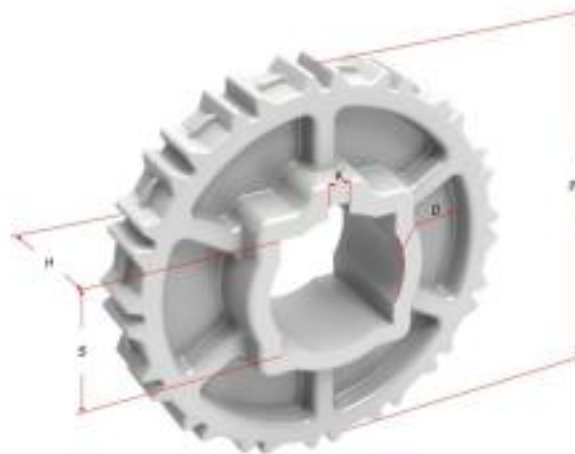
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
8	25.4	40.5	24.3	200	10.2
10	34.7	49.8	33.6	200	
12	42.1	57.2	41	200	
16	58.6	73.7	57.5	200	
20	74.9	90	73.8	200	

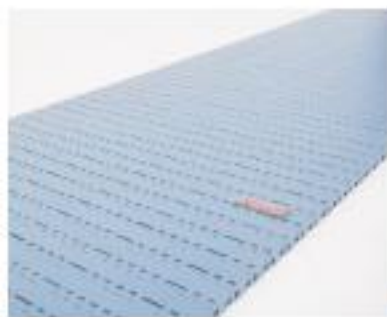
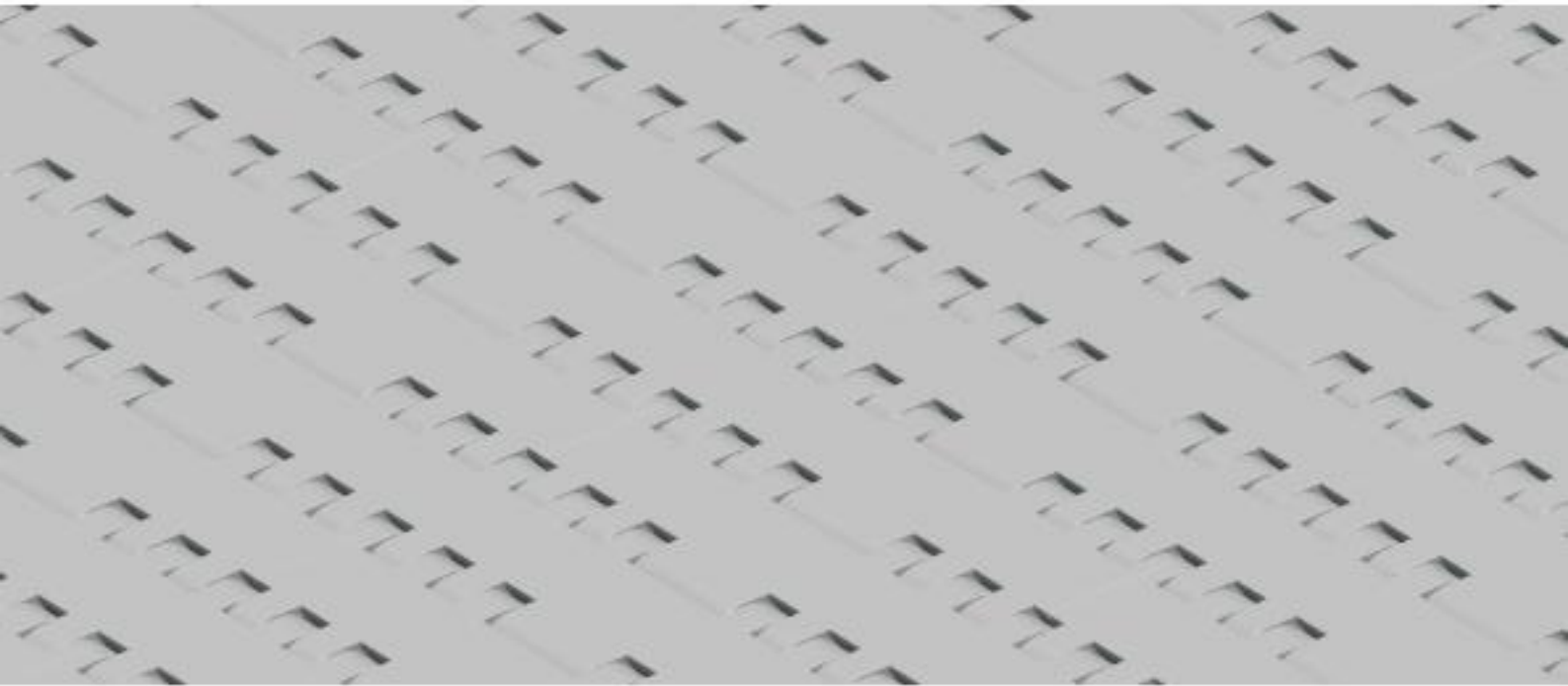


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
8	66.37	61	25.4	25.4/30	22	6X6
10	82.20	79.6	38.1/40	25.4/38.1/45	22	7X7
12	98.14	94.5	25.4/38.1/40	19/25.4/30/31.75/45	38	7X7
16	130.20	127.4	38.1/40	25.4/30/45	38	7X7
20	162.37	160	38.1/40	25.4/45	38	7X7

HS-201A Technical Data Sheet



<p>Pitch: 25.4mm Minimum Width: 75mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: No</p>	
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Data

Belt Material	Belt Strength			Temperature		Belt Weight (Kg/M ²)
	Straight		Curve	°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)				
Polypropylene	1270	12700	--	1	100	6.8
Polyethylene	1210	12100	--	-60	60	7.0
Acetal	1680	16800	--	-40	80	9.9
Nylon	1440	14400	--	1	180	8.6

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

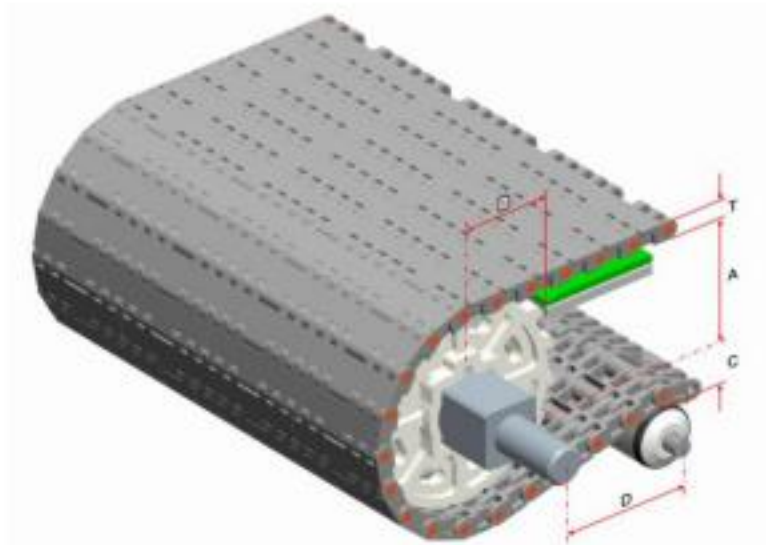
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

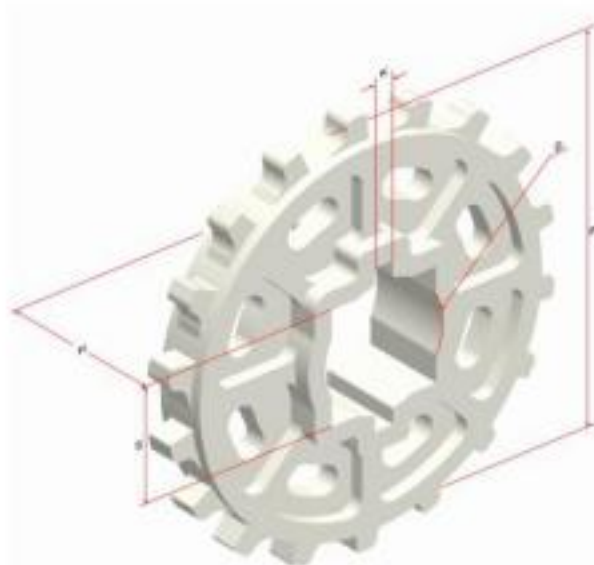
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T
18	68.2	84.5	66	200	12.5

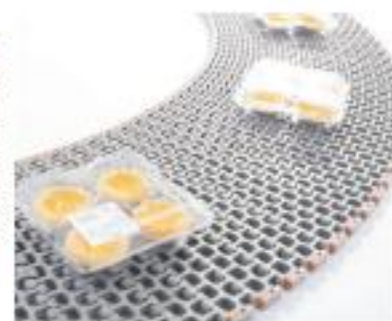
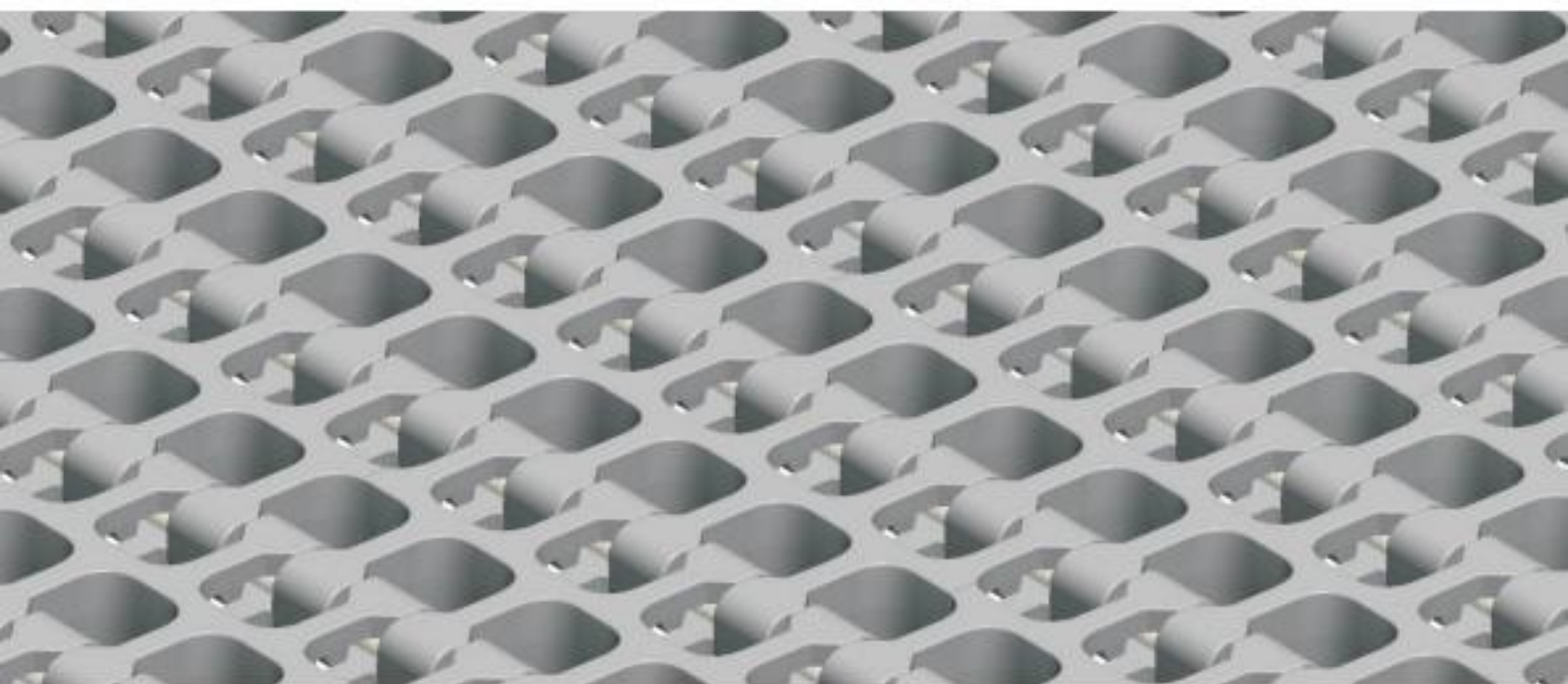


Sprocket Dimensions

Unit: mm

No. Teeth	PD	OD	S	D	H	K
18	146.27	149	38.1/40	40/45	30	7X7

HS-300B Technical Data Sheet



<p>Pitch: 45mm Minimum Width: 195mm Open Area: 52% Approved: FDA Rod: Ø 5.8mm 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 ²)
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	1870	18700	187	1870	1	100	6.0
Polyethylene	1330	13300	133	1330	-60	60	6.8
Acetal	2900	29000	290	2900	-40	80	8.7
Nylon	1870	18700	187	1870	1	180	8.6

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

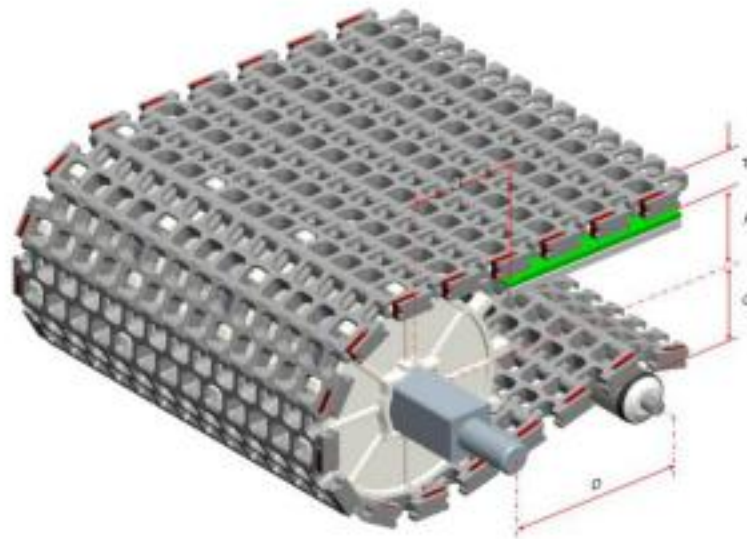
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

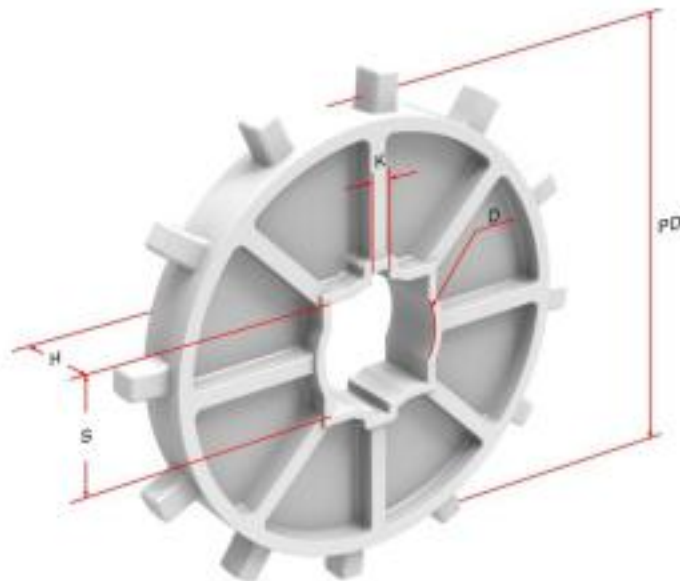
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

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

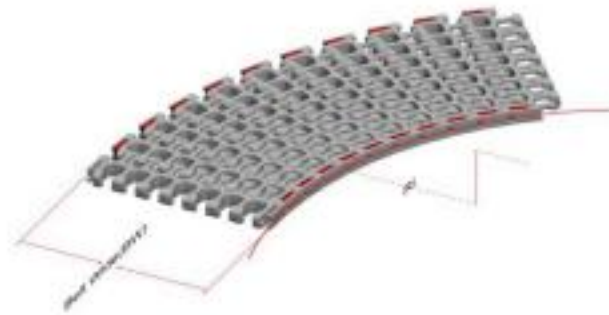


Sprocket Dimensions

Unit: mm

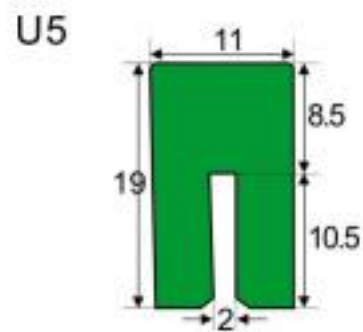
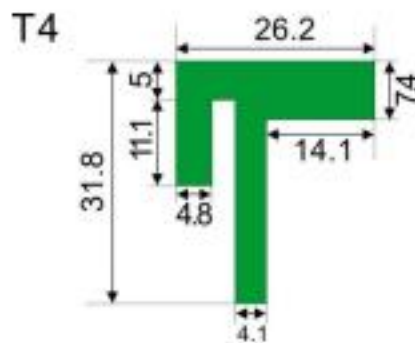
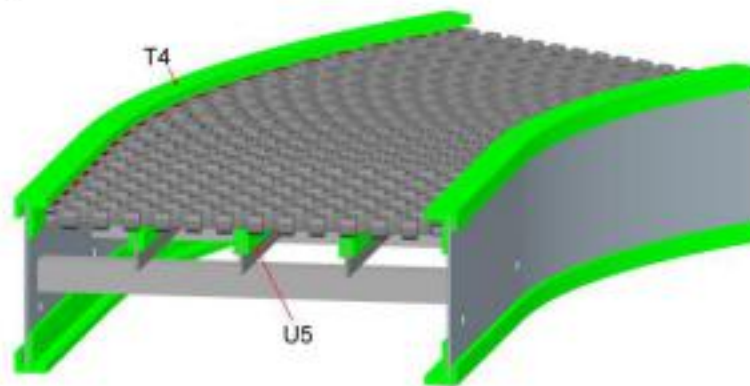
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



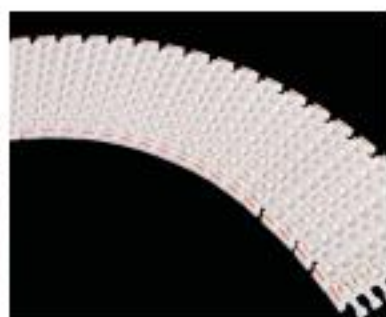
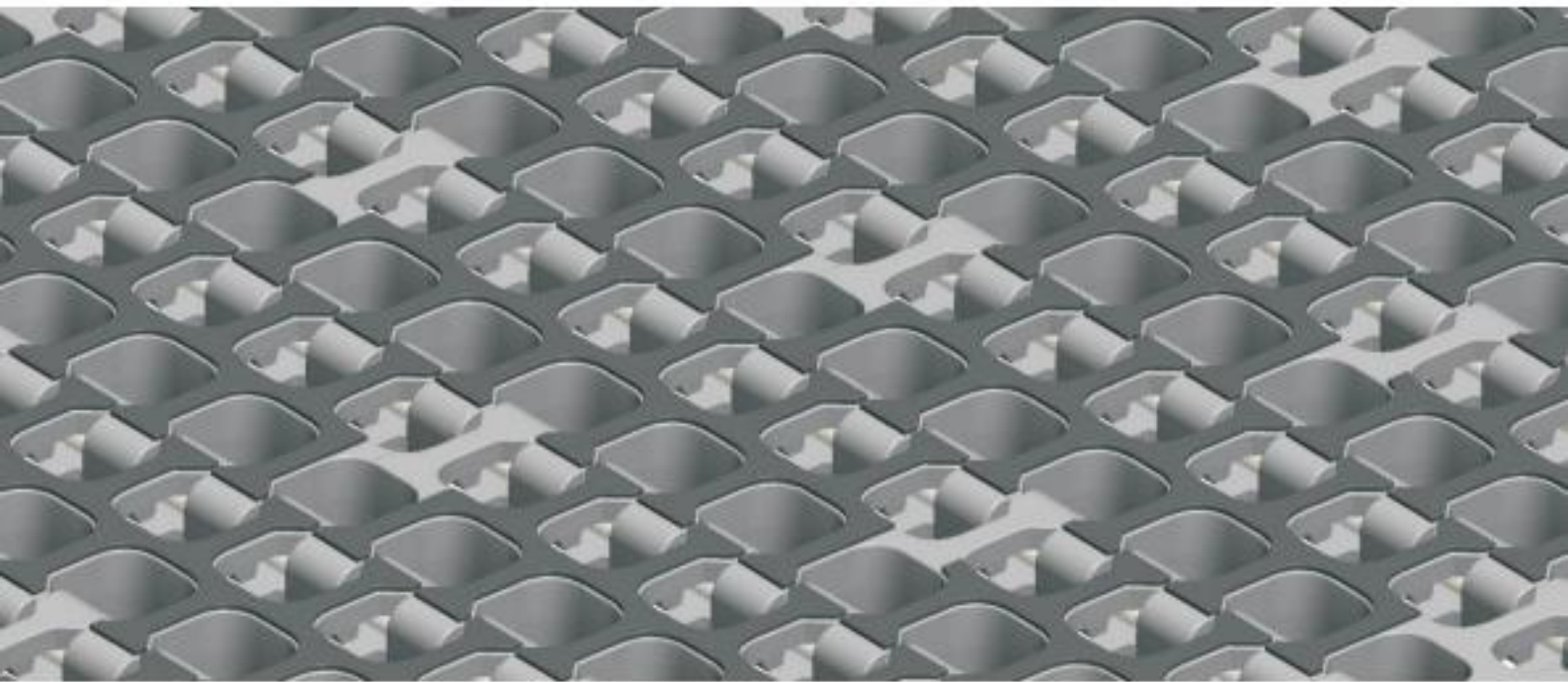
- The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section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

HS-300B-EL Technical Data Sheet



Pitch: 45mm Minimum Width: 195mm Open Area: 52% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes	
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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	1870	18700	187	1870	1	70	6.8

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

Friction Table

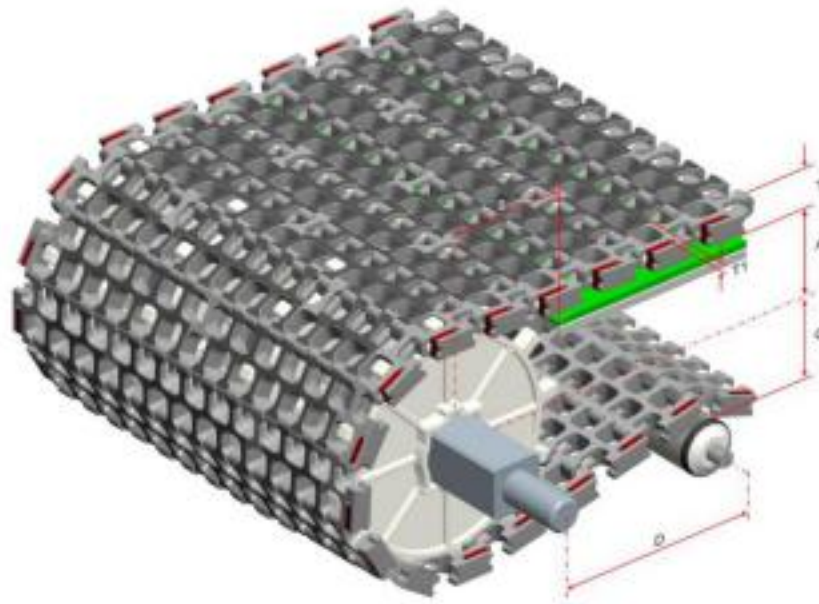
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

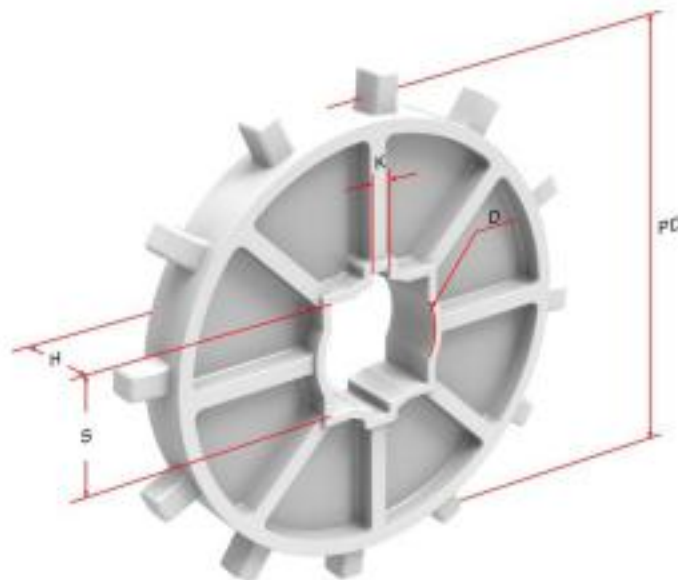
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
8	52.5	70	49	250	15	3
12	84.7	102.2	81.2	250		

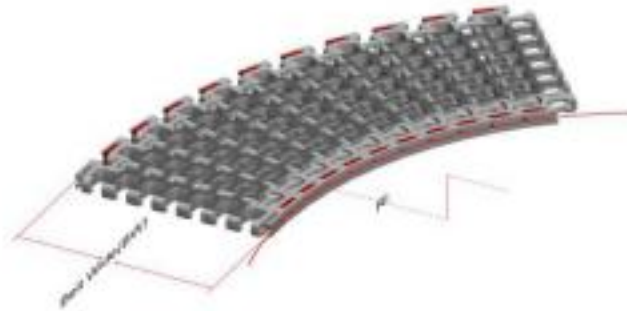


Sprocket Dimensions

Unit: mm

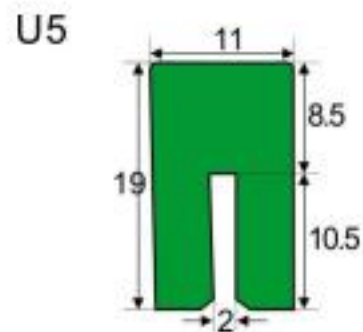
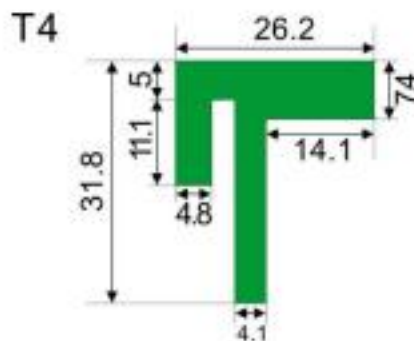
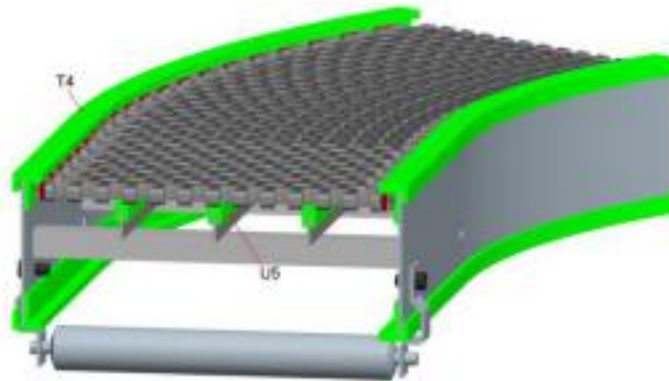
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



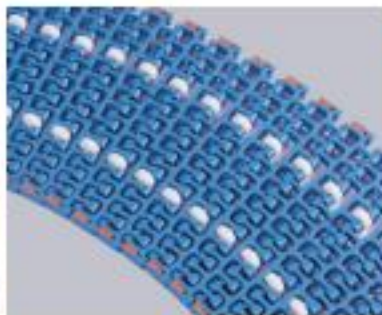
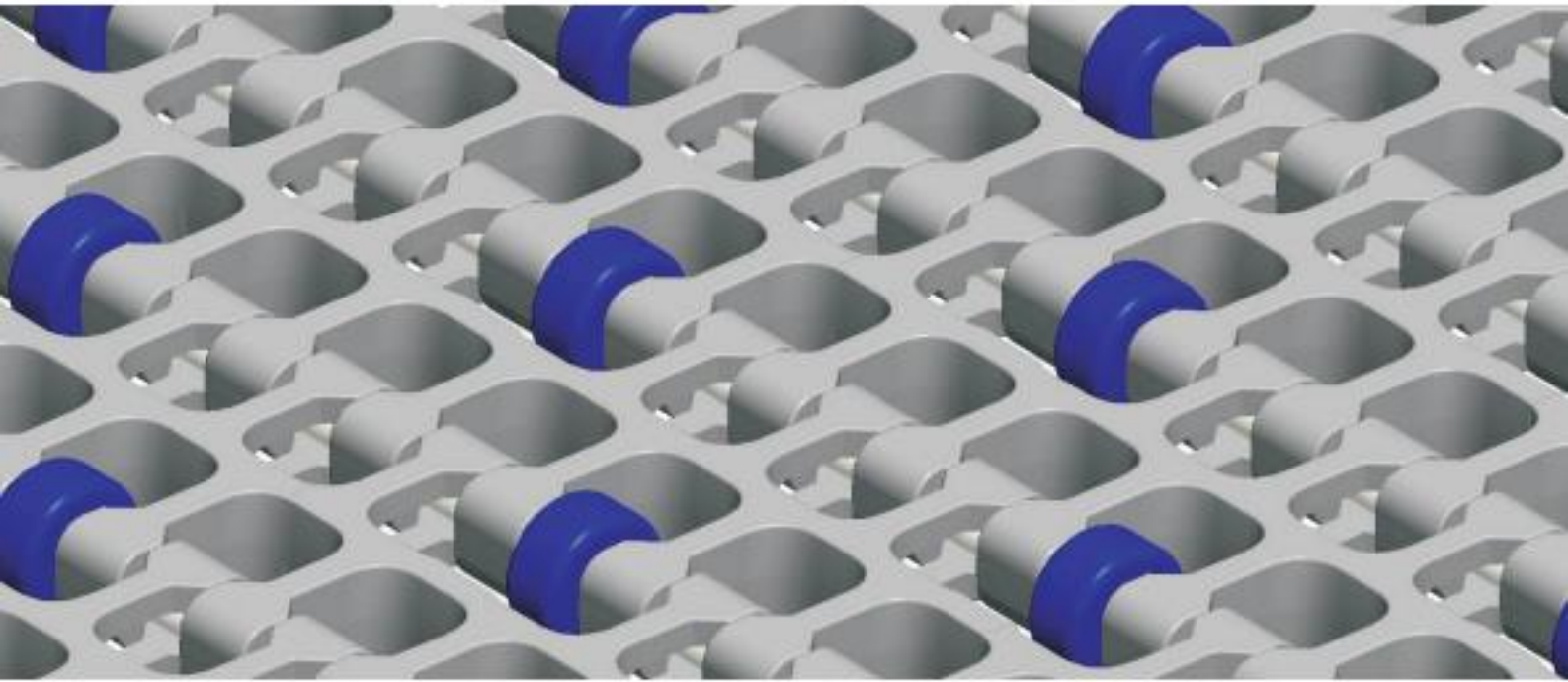
- The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section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

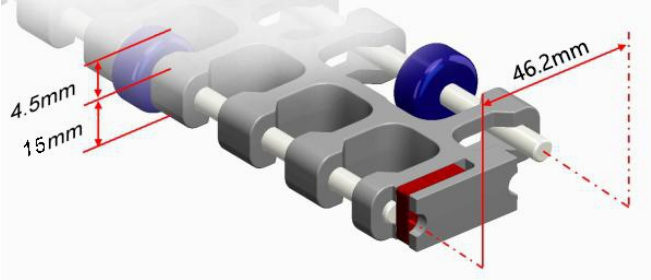
Guide Rail & Wear Strips



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

HS-300C Technical Data Sheet



Pitch: 45mm Minimum Width: 195mm Open Area: 52% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes	
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Data

Belt Material	Belt Strength				Temperature		Belt Weight (Kg/M ²)
	Straight		Curve		°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	1870	18700	187	187	1	100	6.4
Polyethylene	1330	13300	133	133	-60	60	6.9
Acetal	2900	29000	290	290	-40	80	9.6
Nylon	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 (For more information of belt color, pls consult our sales team)

Friction Table

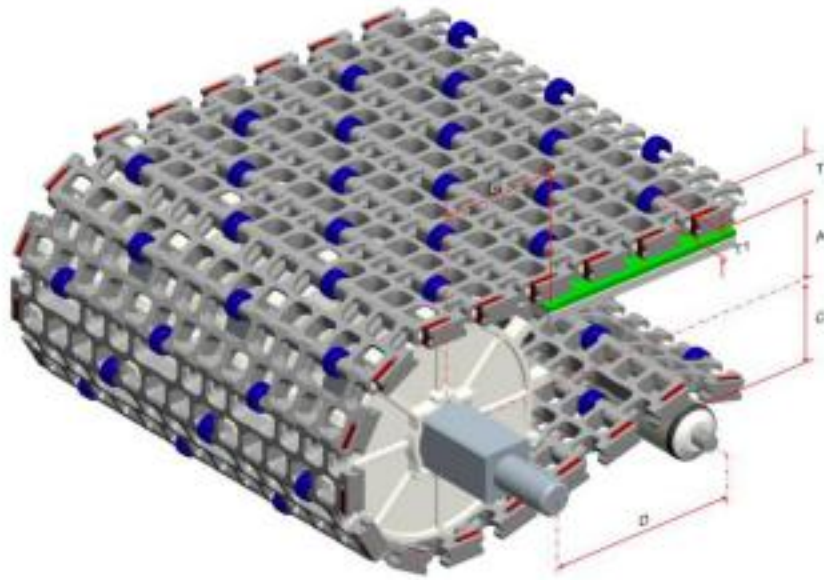
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

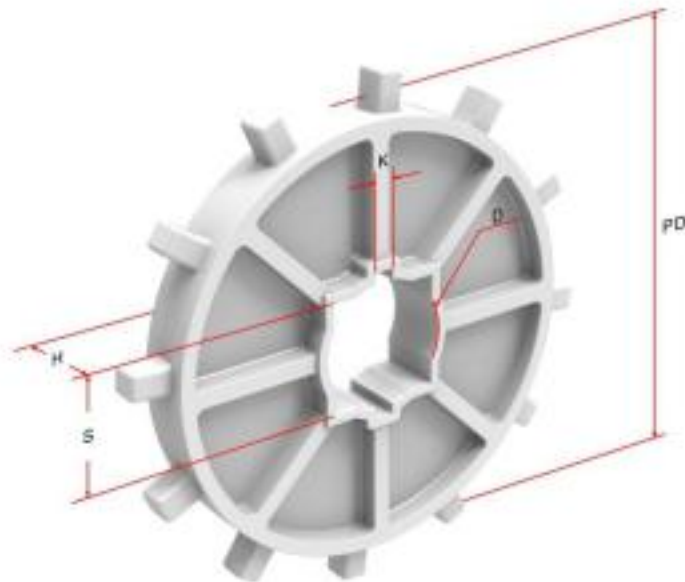
The above content is only for reference.



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		

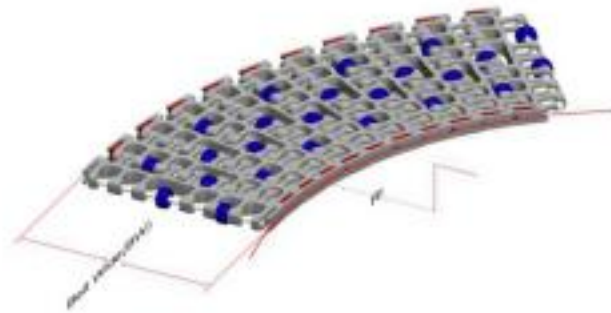


Sprocket Dimensions

Unit: mm

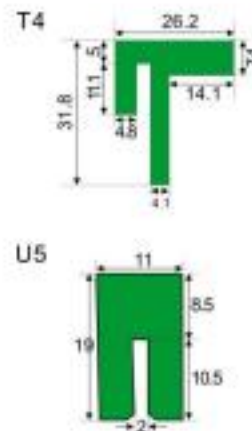
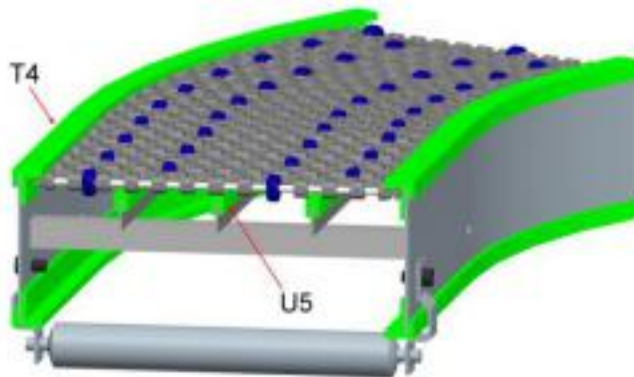
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



- The minimum turning radius (inside) is 2.9 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.

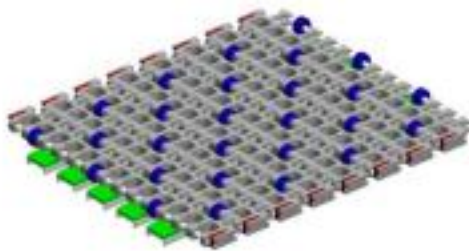
Guide Rail & Wear Strips



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

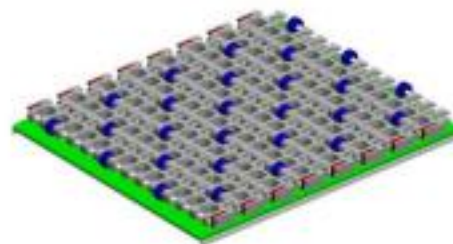
Support Mode of Insert Roller

- Accumulation



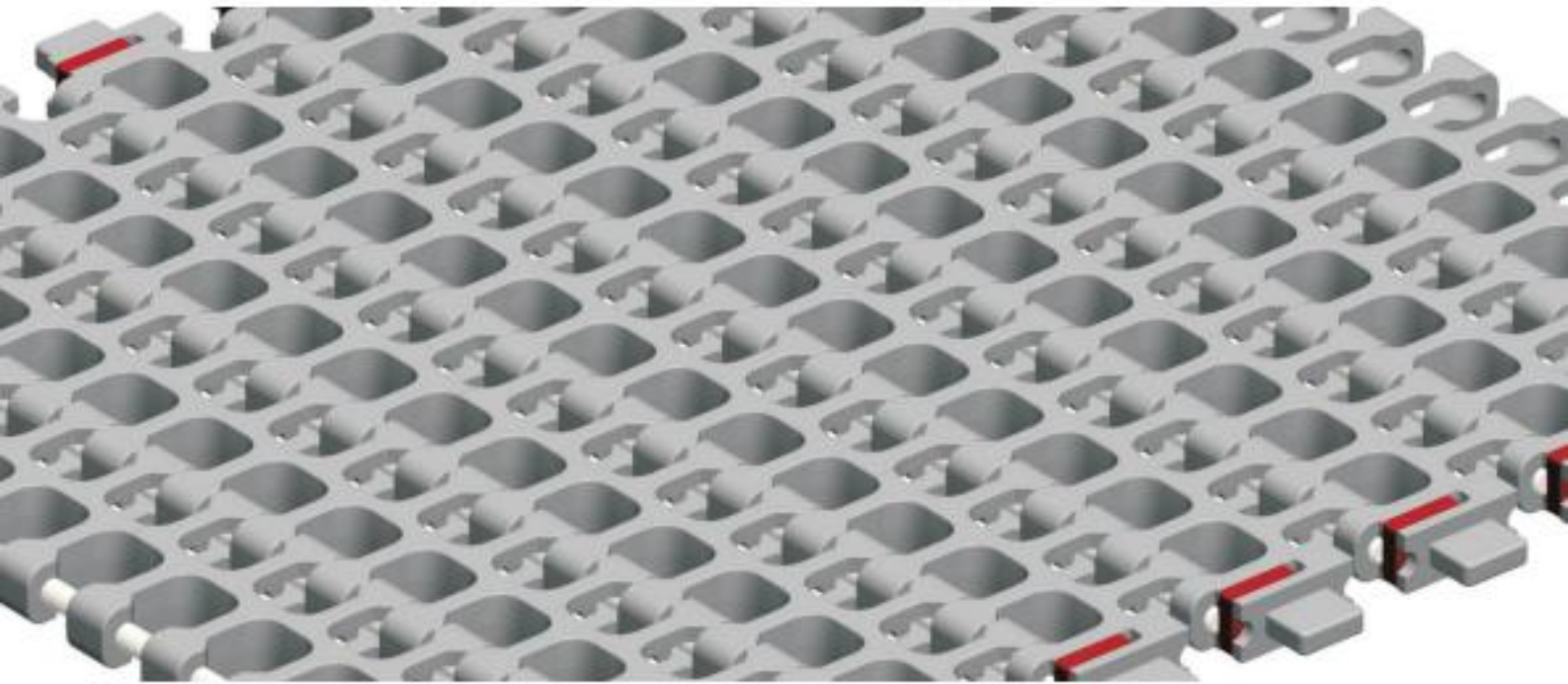
Wear Strips are placed between rollers for accumulation.

- 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.

HS-300B-PLUS Technical Data Sheet



<p>Pitch: 45mm Minimum Width: 242mm Open Area: 52% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes</p>	
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Data

Belt Material	Belt Strength				Temperature		Belt Weight (Kg/M ²)
	Straight		Curve		°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	1870	18700	187	187	1	100	5.6
Polyethylene	1330	13300	133	133	-60	60	6.4
Acetal	2900	29000	290	290	-40	80	7.8
Nylon	1870	18700	187	187	1	180	8.7

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

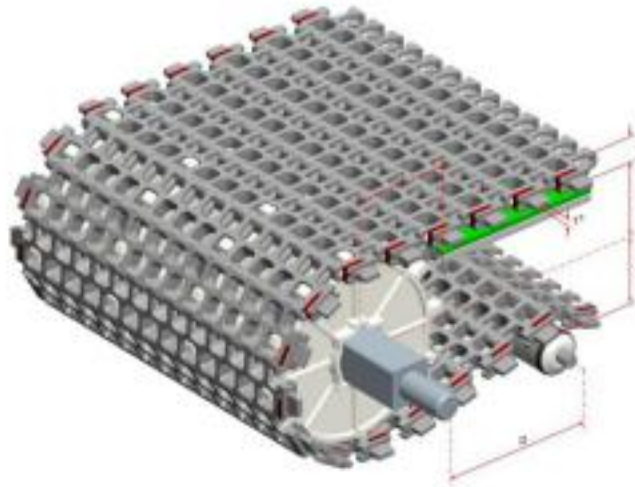
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

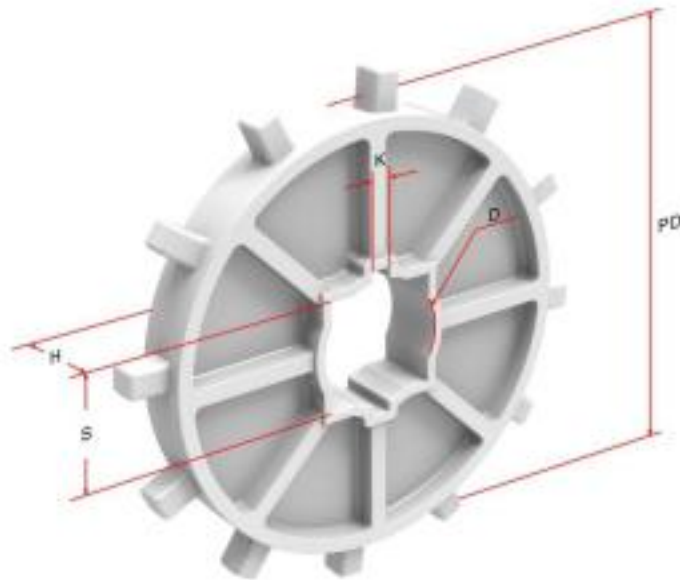
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

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

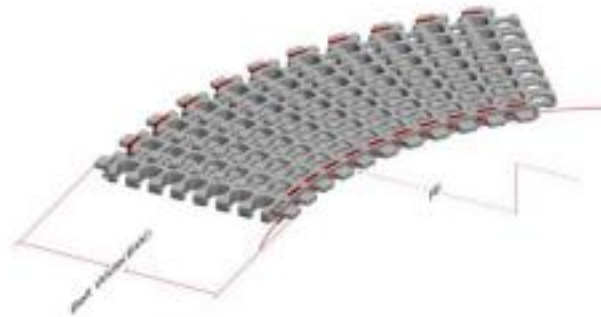


Sprocket Dimensions

Unit: mm

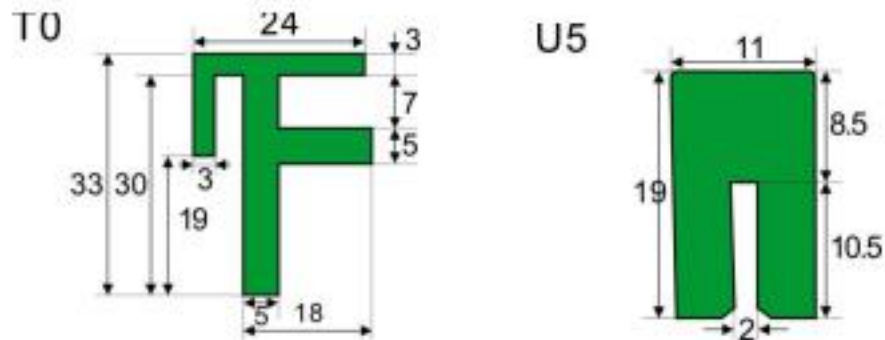
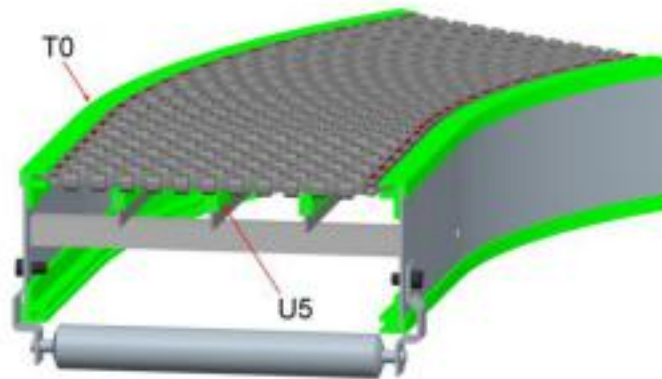
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



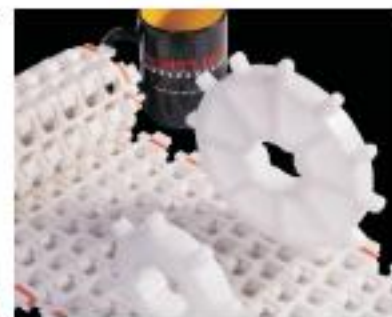
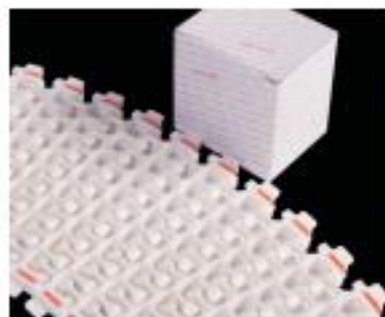
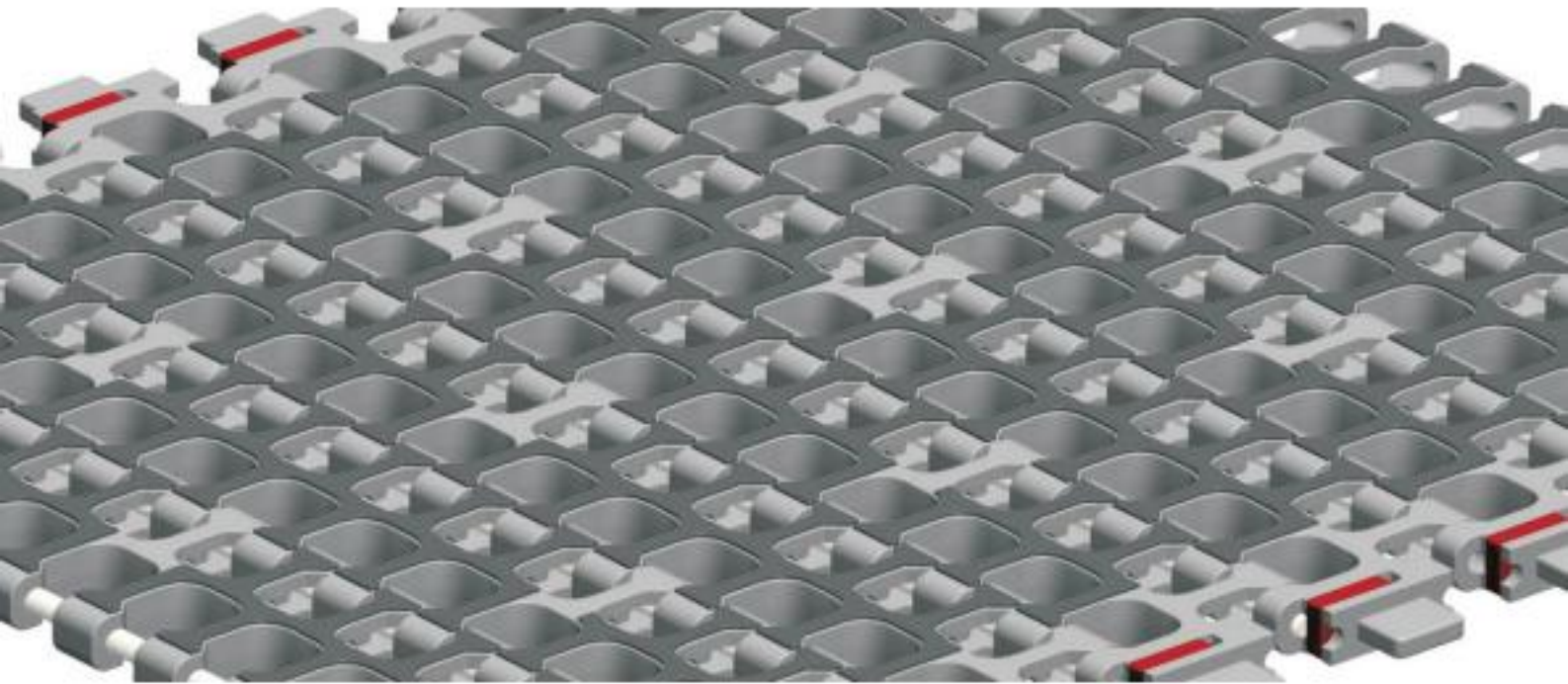
- The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section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

HS-300B-PLUS-EL Technical Data Sheet



Pitch: 45mm Minimum Width: 242mm Open Area: 52% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes	
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Data

Belt Material	Belt Strength				Temperature		Belt Weight (Kg/M ²)
	Straight		Curve		°C (min.)	°C (max.)	
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	1870	18700	187	187	1	70	6.4

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

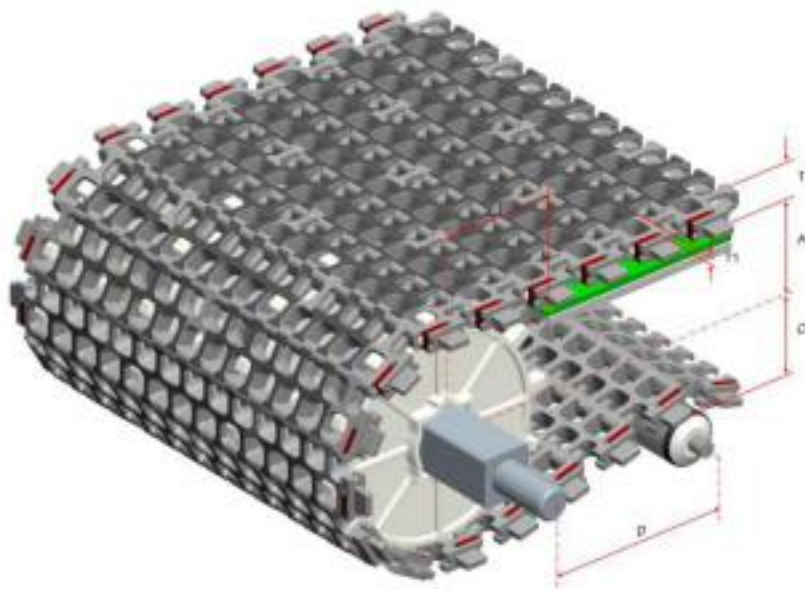
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

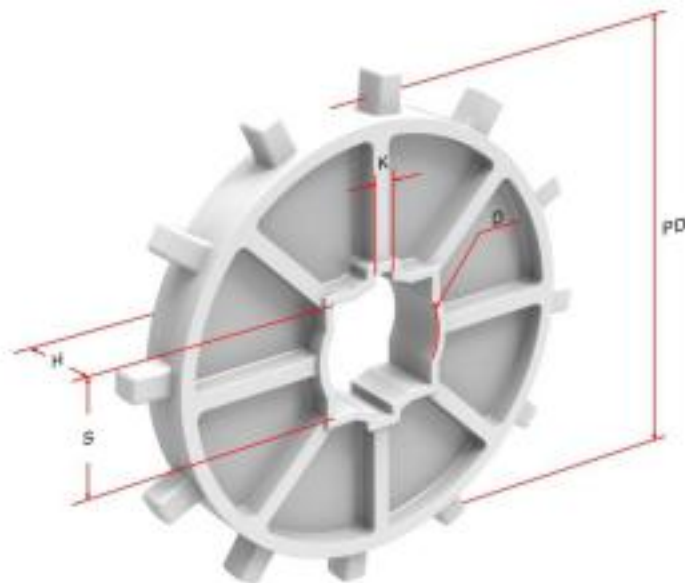
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
8	52.5	70	49	250	15	3
12	84.7	102.2	81.2	250		

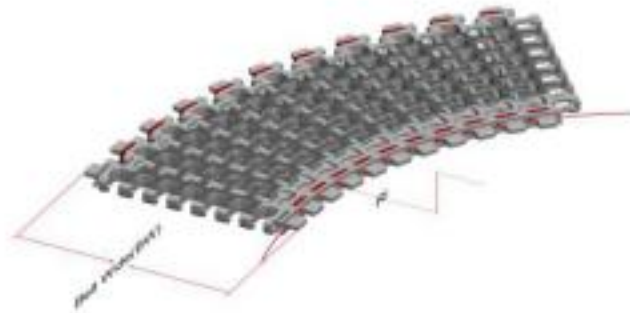


Sprocket Dimensions

Unit: mm

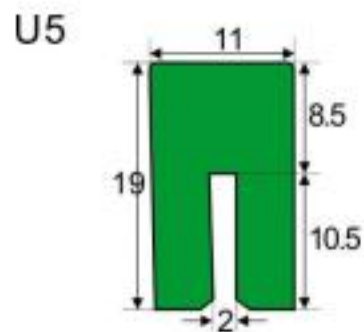
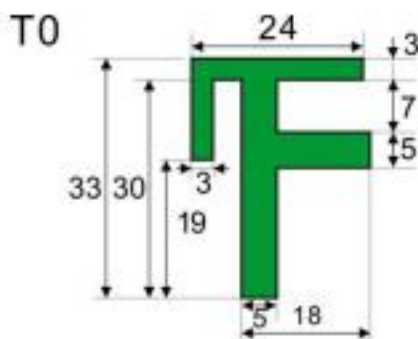
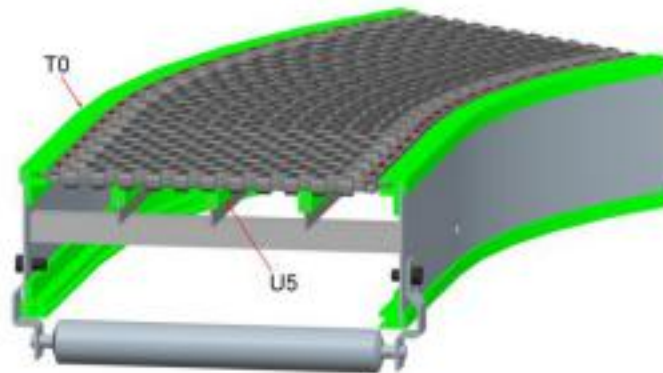
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



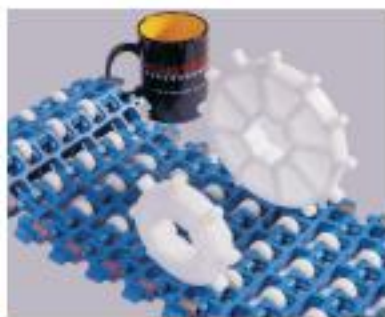
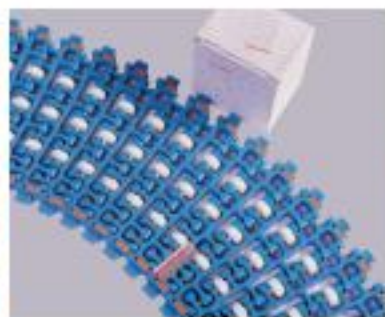
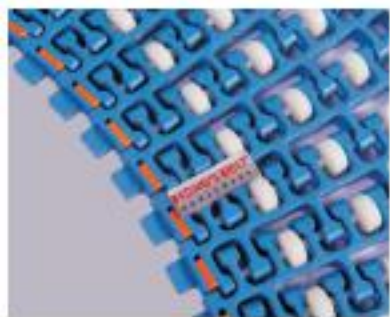
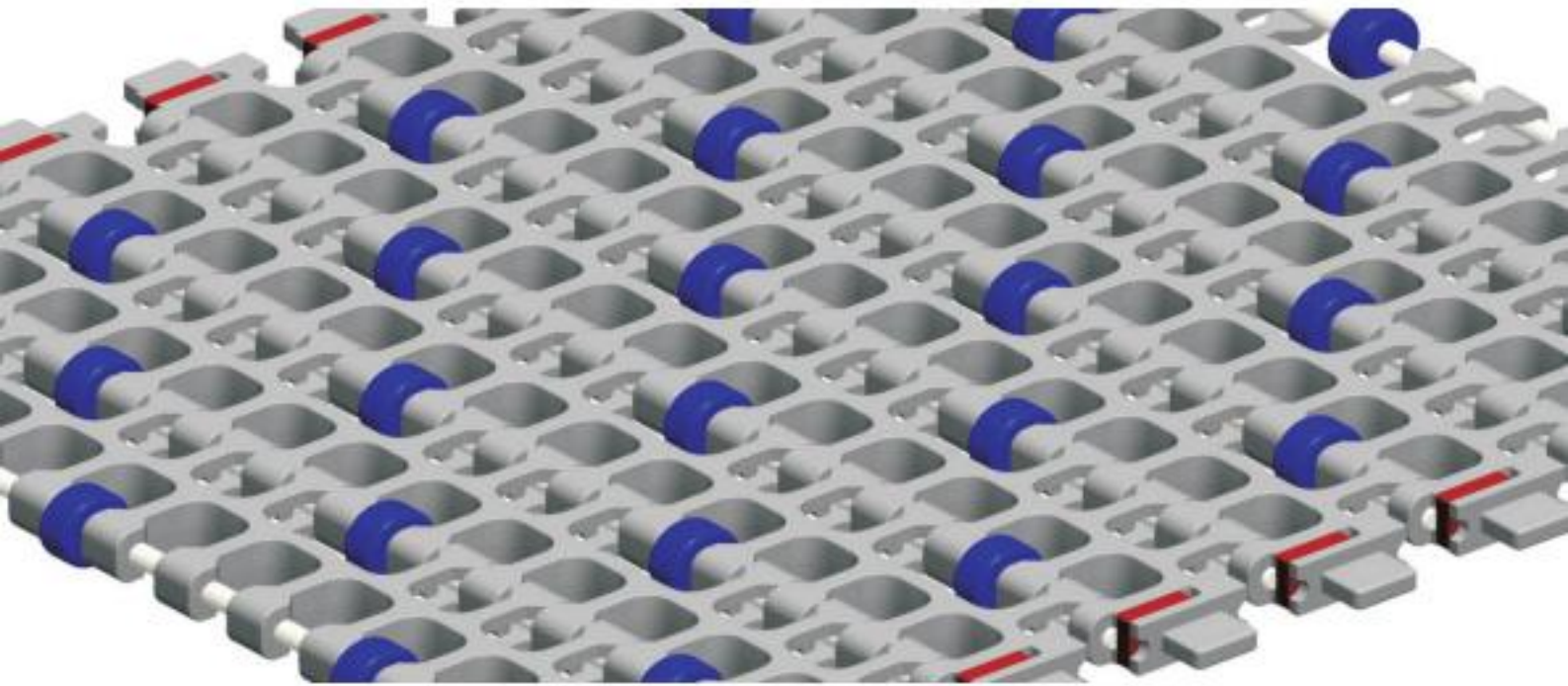
- The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section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

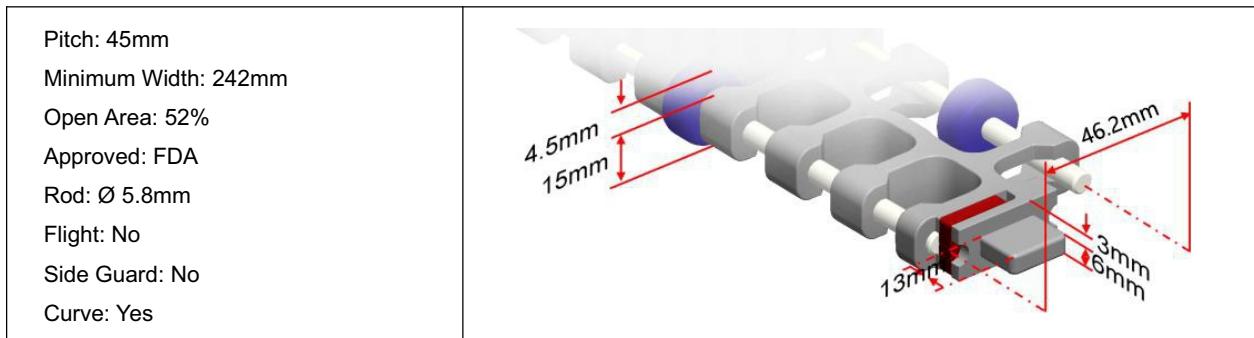
Guide Rail & Wear Strips



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

HS-300B-PLUS-C Technical Data Sheet





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	1870	18700	187	187	1	100	6.4
Polyethylene	1330	13300	133	133	-60	60	6.9
Acetal	2900	29000	290	290	-40	80	9.6
Nylon	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 (For more information of belt color, pls consult our sales team)

Friction Table

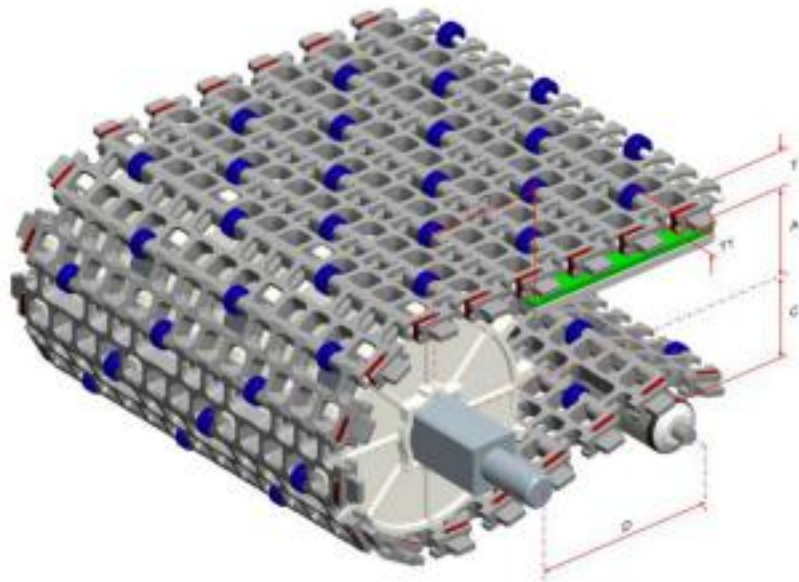
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

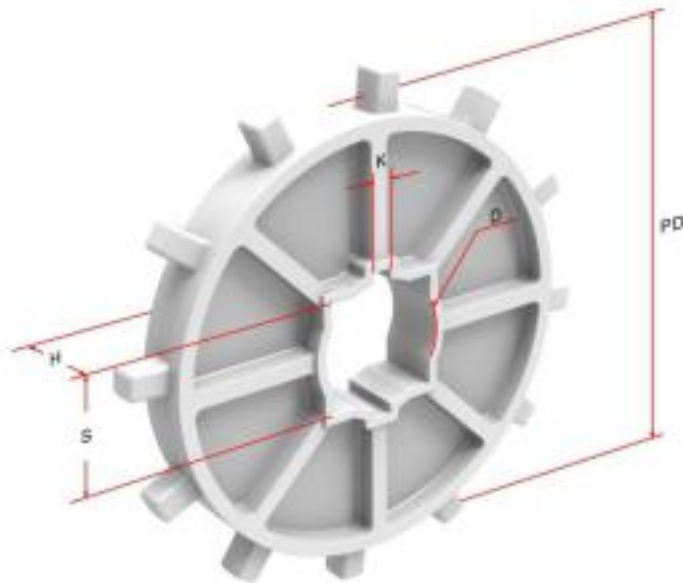
The above content is only for reference.



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		

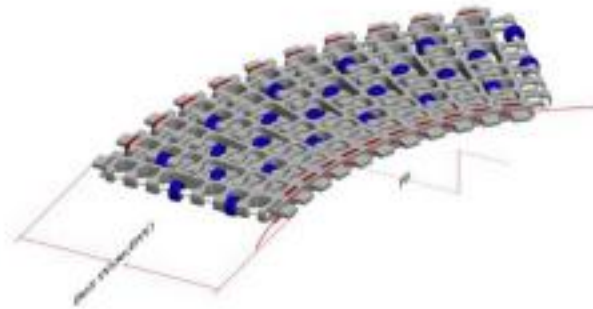


Sprocket Dimensions

Unit: mm

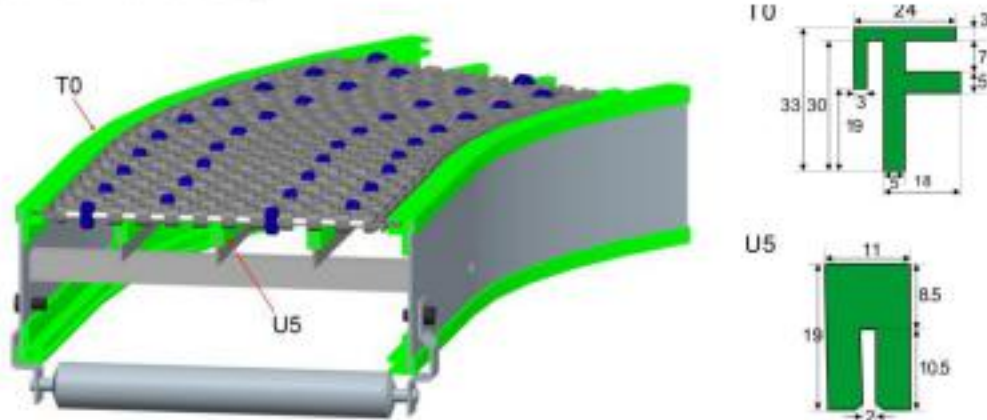
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

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.

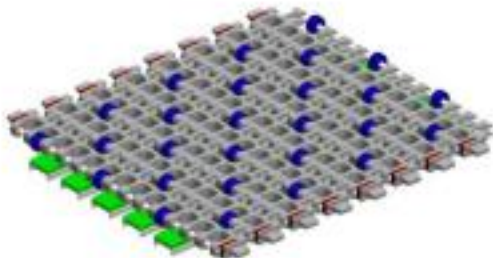
Guide Rail & Wear Strips



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

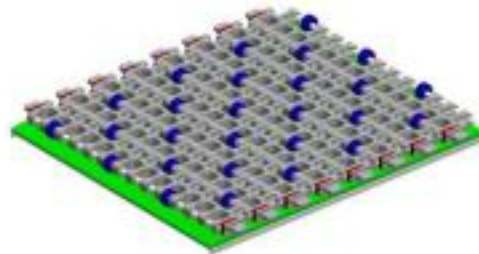
Support Mode of Insert Roller

- Accumulation



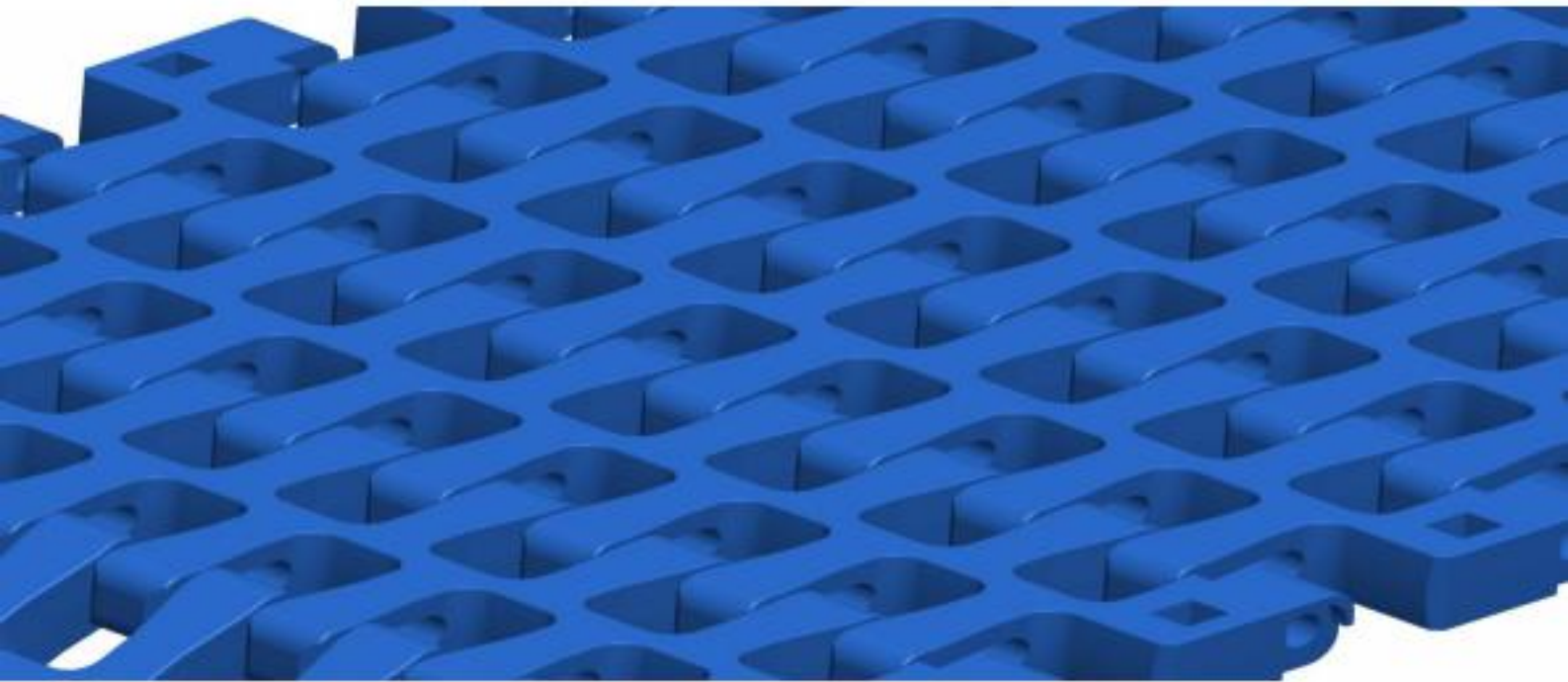
Wear Strips are placed between rollers for accumulation.

- 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.

HS-300B-HD Technical Data Sheet



<p>Pitch: 45mm Minimum Width: 218mm Open Area: 38% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: Yes Curve: Yes</p>	
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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	2060	20600	206	2060	1	100	6.8
Polyethylene	1460	14600	146	1460	-60	60	7.2
Acetal	3170	31700	317	3170	-40	80	10.3
Nylon	2050	20500	205	2050	1	180	9.6
HK	2850	28500	285	2850	-40	80	9.8

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

Friction Table

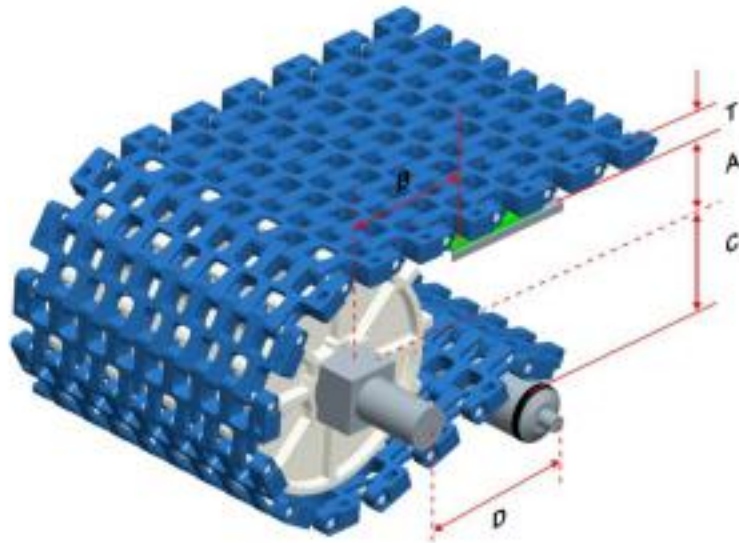
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

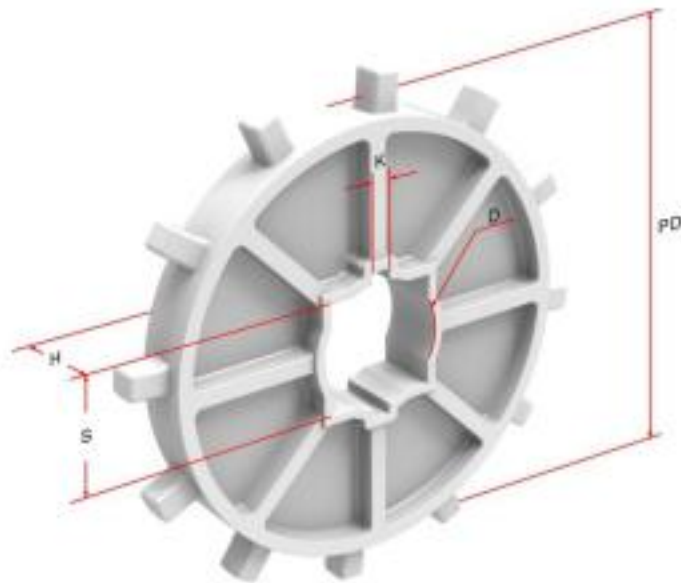
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

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

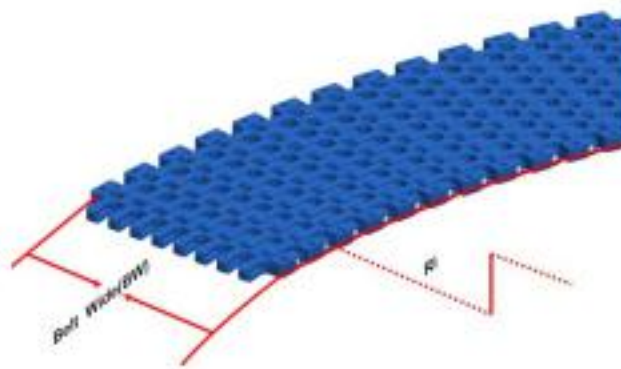


Sprocket Dimensions

Unit: mm

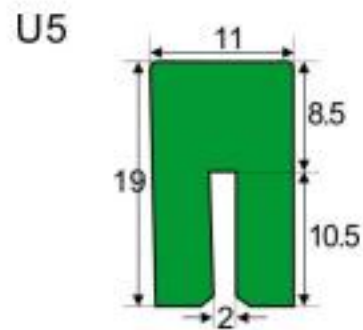
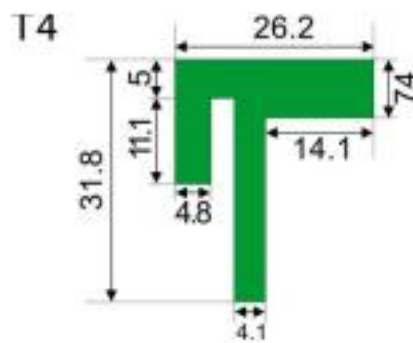
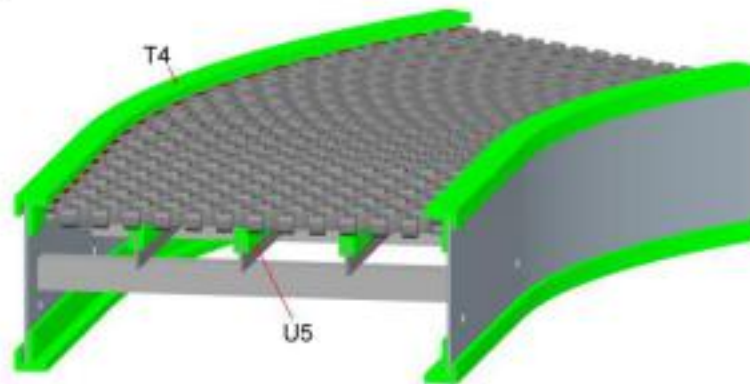
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



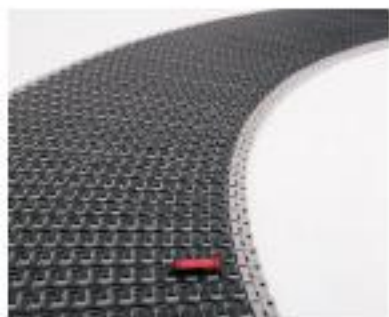
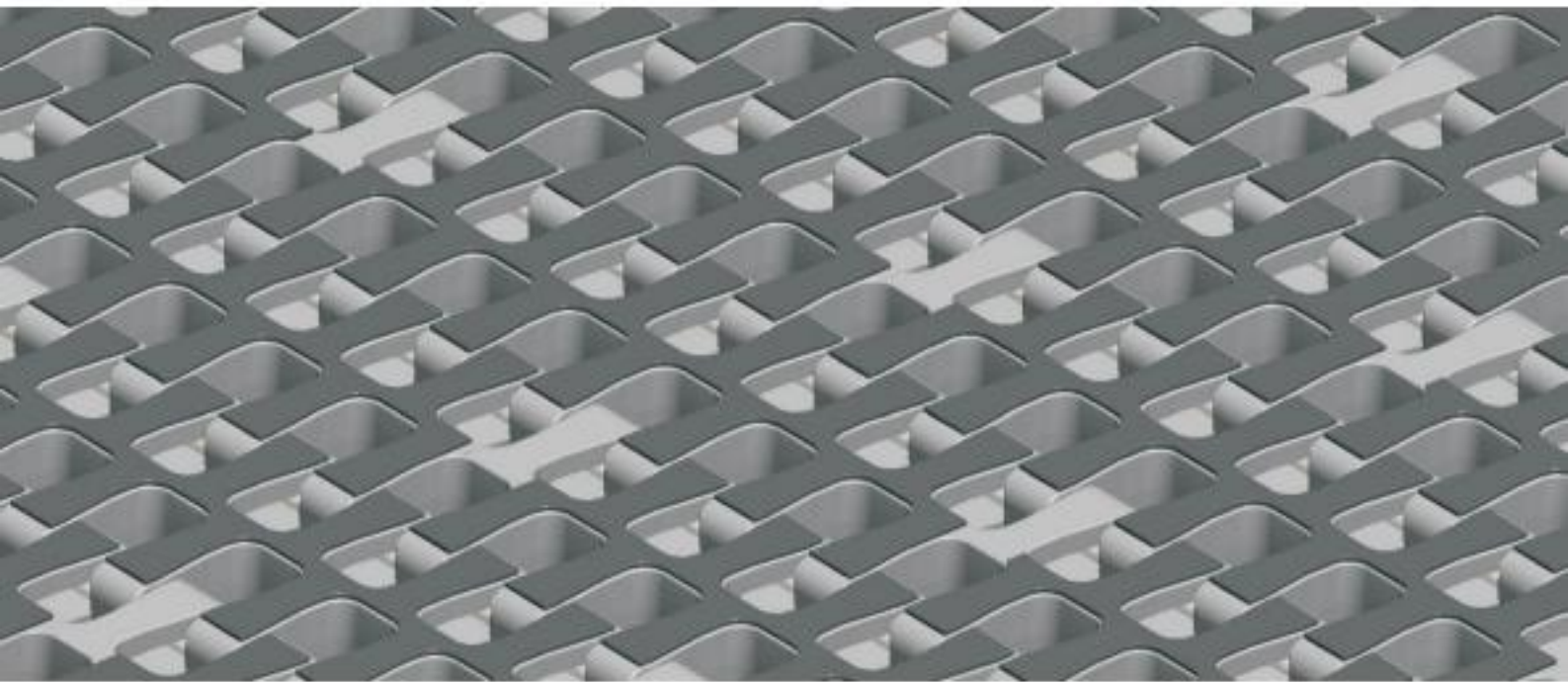
- The minimum turning radius (inside) is 2.2 times of belt width under all feasible belt Width, 2.5 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section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

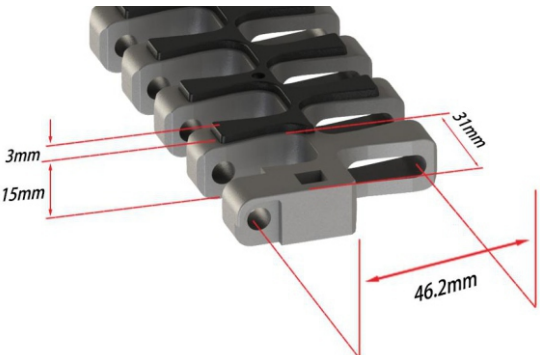
Guide Rail & Wear Strips



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

HS-300B-HD-EL Technical Data Sheet



<p>Pitch: 45mm Minimum Width: 218mm Open Area: 38% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes Rubber Indent: 31mm</p>	
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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	2060	20600	206	2060	1	70	7.6

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

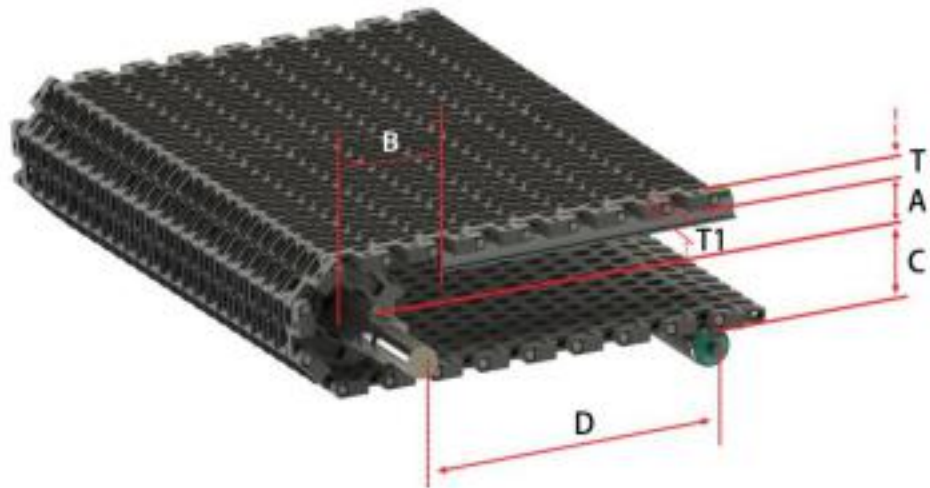
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19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

SUS – Stainless Steel

Equivalent type with other Brand

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

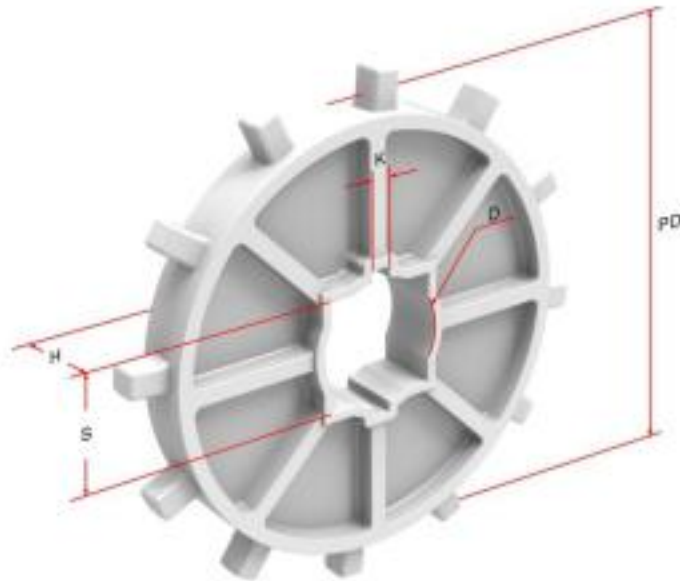
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	A (Min.)	B (Min.)	C (Max.)	D (Min.)	T	T1
8	52.5	70	49	250	15	3
12	84.7	102.2	81.2	250		

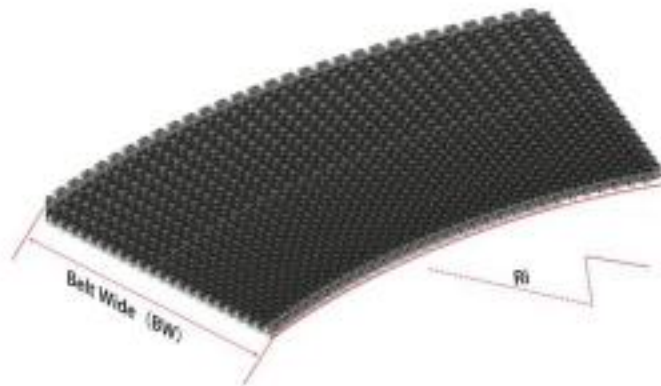


Sprocket Dimensions

Unit: mm

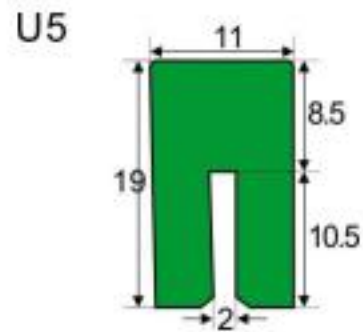
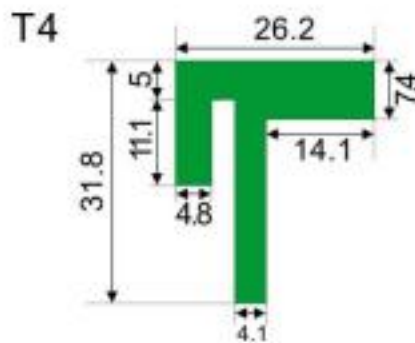
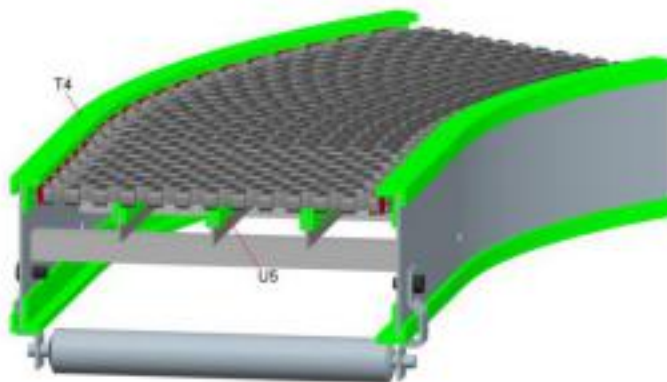
No. Teeth	PD	OD	S	D	H	K
8	120.73	120	38.1/40	25/25.4/38.1	25	8X8
12	178.50	184.5	38.1/40	30/46	24	8X8

Design Guide Summary



- The minimum turning radius (inside) is 2.2 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.