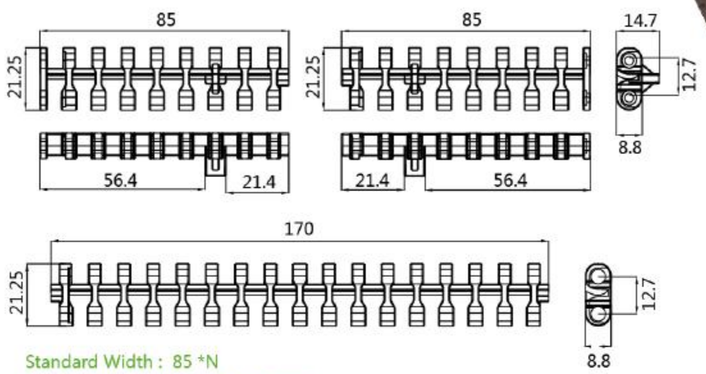
1270 Flush Grid

Belt Color : Brown , Blue



Standard Width : 85 *N
Non-standard Width : On Request

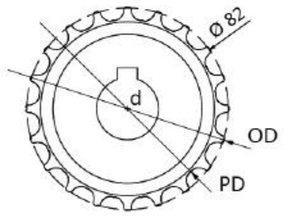
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
1270	Flush Grid 500	POM/PP		POM/PP/PA6		POM	PP	POM		PP			mm	kg/m²
				Diam 5mm		13000	7500	-30℃ to 90℃		+1℃ to 90℃		16%	8	6
	Width	85	170	255	340	425	510	595	680	765	850	85N		

1270 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$



■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1270-12	12	46.94	1.84	47.5	1.87	20	Available
1-1270-15	15	58.44	2.30	59.17	2.33	25	on Request
1-1270-20	20	77.67	3.05	78.2	3.08	30	By Machined
1-1270-24	24	93.08	3.66	93.5	3.68	35	

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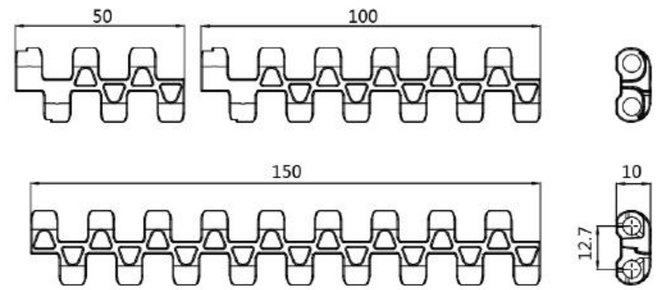
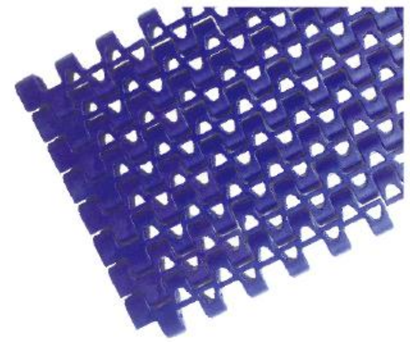
1271 Flush Grid

Belt Color : Brown , Blue , White





Standard Width : W=50 x N
Non-standard Width : W=50 x N+16.66 x n

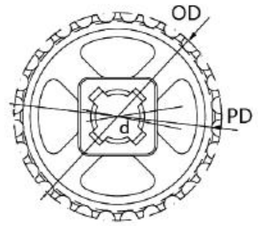
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature				Open Area	Belt Weight
1271	Flush Grid 1230	POM/PP		POM/PP/PA6		POM	PP	POM		PP			kg/m²
				Diam 5mm		11000	7000	-30℃ to 90℃		+1℃ to 90℃		18%	7.9
	Width	50	100	150	200	250	300	350	400	450	500	50N	

1271 Machined Sprockets

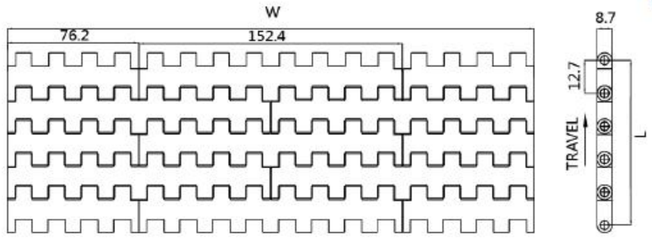
Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$



■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1/3-1271-10T	10	41.2	1.62	41.8	1.64	20 25	Available
1/3-1271-15T	15	62.4	2.45	62.9	2.47	20 25	on Request
1/3-1271-19T	19	78.8	3.10	79.3	3.12	20 25	By Machined

1272 Flat Top



Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

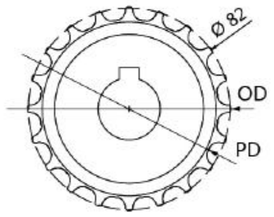
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
1272 Flat Top 1270	POM/PP	POM/PP/PA6	POM PP	POM PP		mm	kg/m²
		Diam 5mm	15000 7500	-30℃ to 90℃ +1℃ to 90℃	0%	8	7.3
Width	152.4 304.8	457.2 609.6	762 914.4	1066.8 1219.2 1371.6 1524	152.4N		

1272 Machined Sprockets

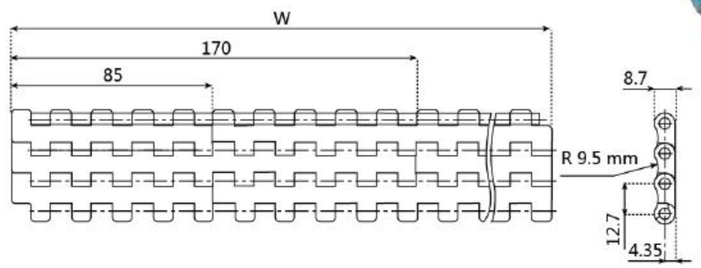
Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

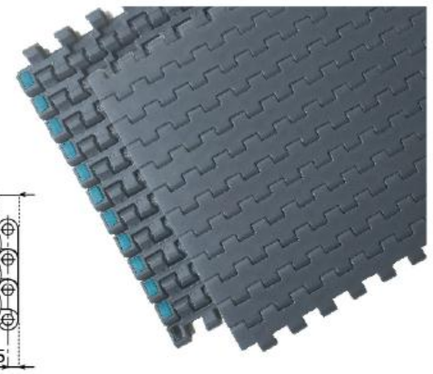


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1272-10T	12	46.94	1.84	47.50	1.87	20 25	Available
1-1272-15T	15	58.44	2.30	59.17	2.32	20 25	on Request
1-1272-20T	20	77.64	3.05	78.20	3.07	20 25	By Machined

1273 Flat Top





Standard Width : W=85 x N
Non-standard Width : W=85x N+8.4 x n

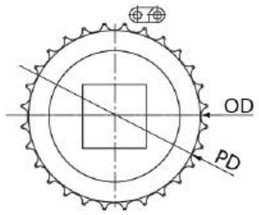
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
1273 Flat Top 2120	POM/PP	POM/PP/PA6	POM PP	POM PP		mm	kg/m²
		Diam 5mm	15000 7500	-30℃ to 90℃ +1℃ to 90℃	0%	10	9
Width	85 170	255 340	425 510	595 680 765 850	85N		

1273 Machined Sprockets

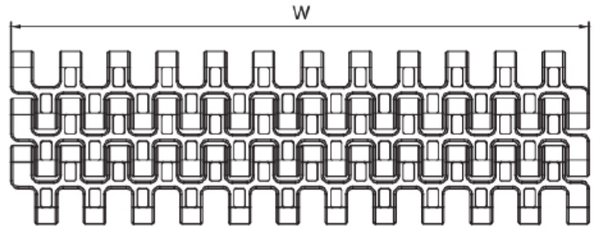
Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$

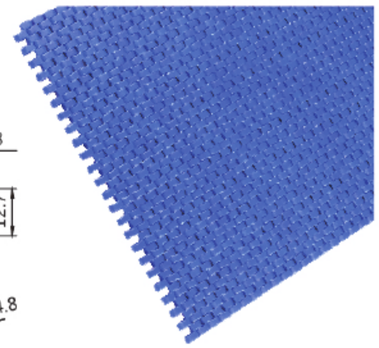


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1273-14T	14	56.90	2.24	57.06	2.25	20 25 30	Available
1-1273-16T	16	65.10	2.56	65.20	2.57	20 25 30	on Request
1-1273-20T	20	81.19	3.19	81.20	3.19	20 25 30 35	By Machined

1274 Flat Top





Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+12.7 x n

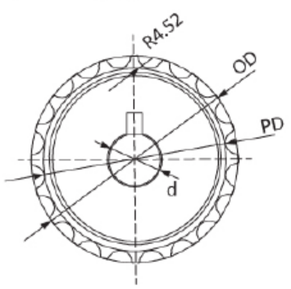
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

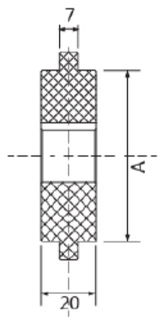
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1274 Flat Top SNB	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	10500	6500	-30℃ to 90℃	+1℃ to 90℃	0%	10	8.2
Width		76.2 152.4 228.6 304.8 381 457.2 533.4 609.6 685.8 762 76.2N							

1274 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1274-10T	12	46.94	1.84	47.50	1.87	20 25	Available
1-1274-15T	15	58.44	2.30	59.17	2.32	20 25 30	on Request
1-1274-20T	20	77.64	3.05	78.20	3.07	20 25 30 40	By Machined

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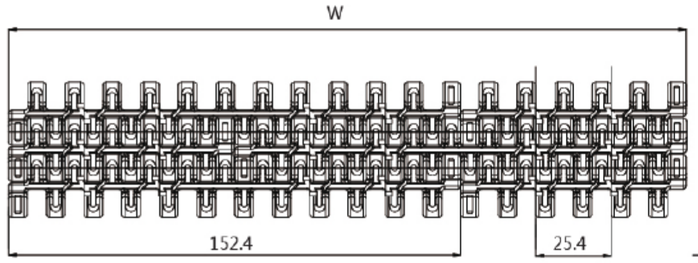
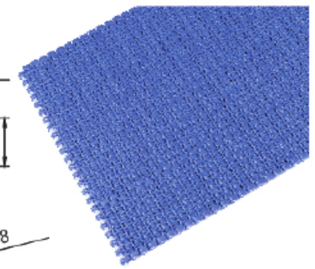
1274 Flush Grid





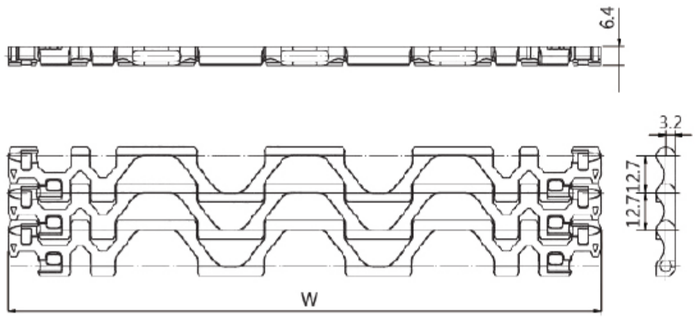
Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+12.7 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1274 Flush Grid SNB	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	10500	6500	-30℃ to 90℃	+1℃ to 90℃	14%	10	7.3
Width		76.2 152.4 228.6 304.8 381 457.2 533.4 609.6 685.8 762 76.2N							

1275 Flush Grid



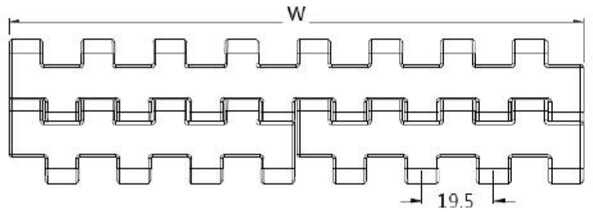
Standard Width : W=85 x N
Non-standard Width : W=85 x N+12.7 x n

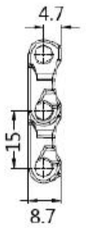
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

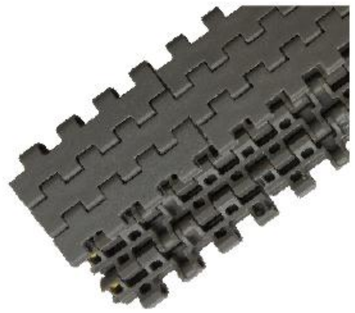
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material		Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1275 Flush Grid 1500 FG	POM/PP	POM	PP	POM	PP	POM	PP		mm	kg/m²
		3.5mm		3500	1800	-20℃ to 90℃	+5℃ to 105℃	48%	25	3.6

1500A Flat Top







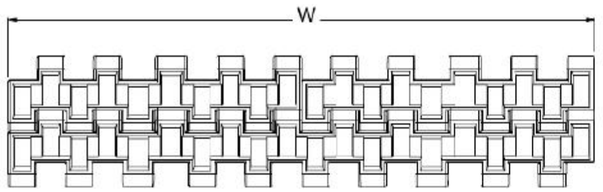
Standard Width : W=85 x N
Non-standard Width : On Request

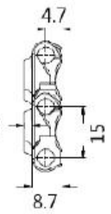
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

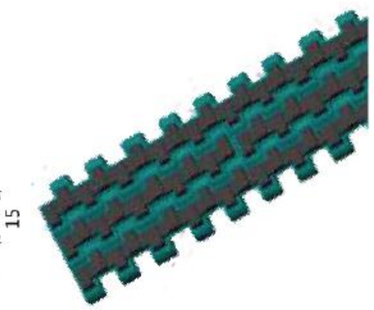
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1500 Flat Top 1505	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	15000	13200	-30℃ to 90℃	+1℃ to 90℃	0%	16	6.8
Width	85 170 255 340 425 510								

1500C With Rubber







Standard Width : W=85 x N
Non-standard Width : On Requiare

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1500 With Rubber 1505	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	15000	13200	-30℃ to 90℃	+1℃ to 90℃	0%	25	8.0
Width	85 170 255 340 425 510								

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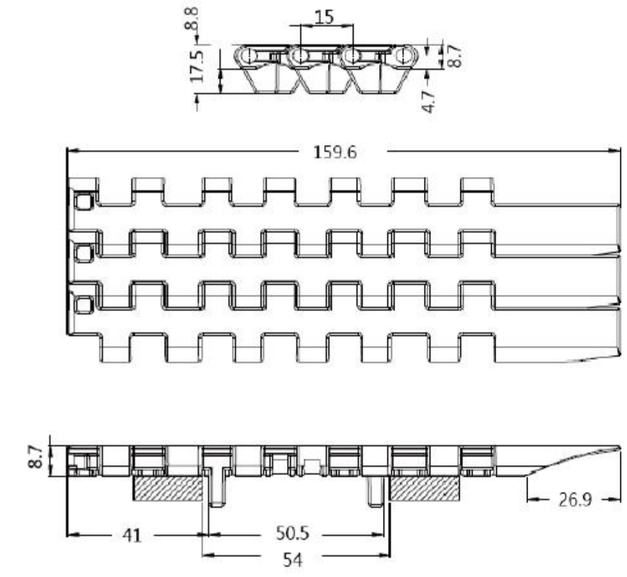
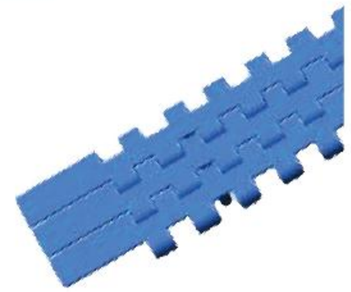
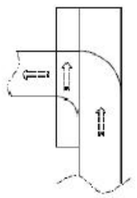
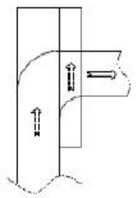
1500D Transfer







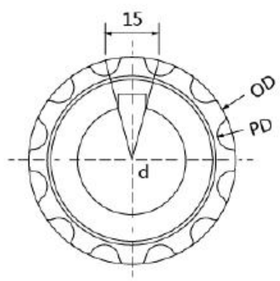
Left Transfer

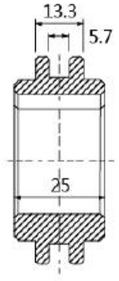


Right Transfer

1500 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

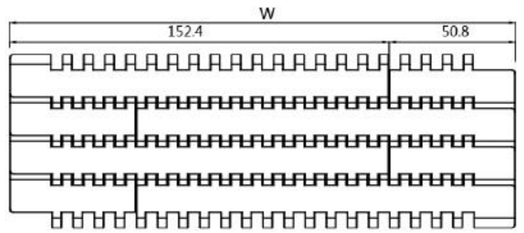


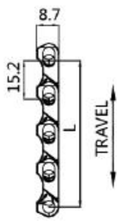


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1500-12T	12	57.96	2.28	58.2	2.29	20 25	Available
1-1500-16T	16	77.1	3.03	77.7	3.05	20 35	on Request
1-1500-24T	24	114.9	4.52	115.5	4.54	20-60	By Machined

1520A Flat Top





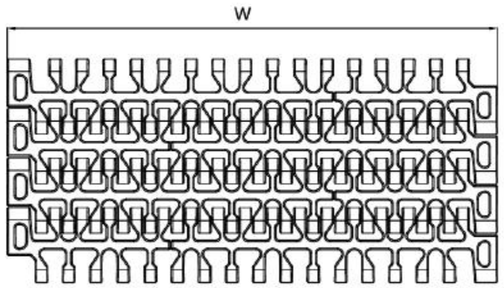
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+25.4 x n

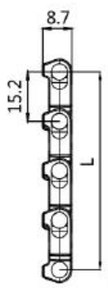
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
1520A Flat Top 1100FT	POM/PP	POM/PP/PA6	POM	PP	POM		PP			mm	kg/m²
		Diam 4.8mm	14600	7300	-30℃ to 90℃		+1℃ to 90℃		0%	8	6.2
Width	152.4 304.8	457.2 609.6	381	457.2	533.4	609.6	685.8	762	152.4N		

1520B Flush Grid





Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+25.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
1520B Flush Grid 1100FG	POM/PP	POM/PP/PA6	POM	PP	POM		PP			mm	kg/m²
		Diam 4.8mm	14600	7300	-30℃ to 90℃		+1℃ to 90℃		28%	8	5.6
Width	152.4 304.8	457.2 609.6	381	457.2	533.4	609.6	685.8	762	152.4N		

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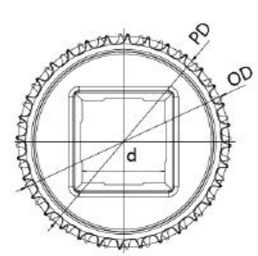
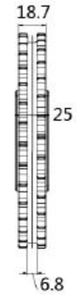
1520 Sprockets

Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$

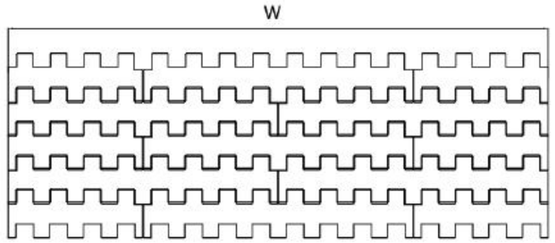


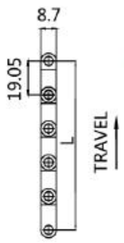


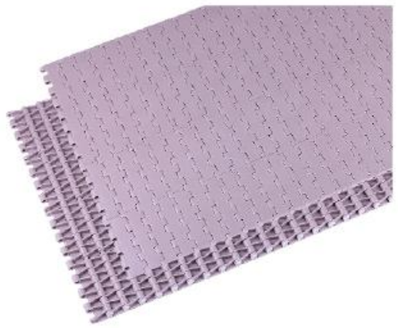
■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
3-1520-16T	16	75.89	2.98	79	3.11	25 30	Available
3-1520-24T	24	116.5	4.58	118.2	4.65	25 30 35 40*40	on Request
3-1520-32T	32	155	6.10	157.7	6.20	30 60*60	By Machined

1901A Flat Top







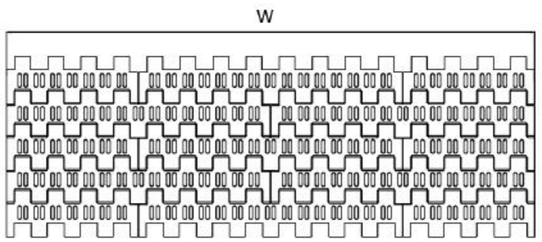
Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+19 x n

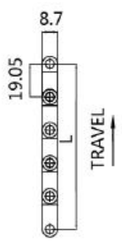
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

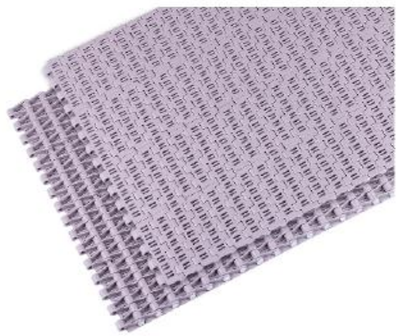
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1901A Flat Top 5935	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 4.6mm	10500	6000	-30℃ to 90℃	+1℃ to 90℃	0%	25	7.8
Width	76.2 152.4	228.6 304.8	381	457.2	533.4 609.6	685.8 762	76.2N		

1901B Flush Grid







Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+19 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1901B Flush Grid 5936	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 4.6mm	10500	6000	-30℃ to 90℃	-30℃ to 90℃	16%	25	6.5
Width	76.2 152.4	228.6 304.8	381	457.2	533.4 609.6	685.8 762	76.2N		

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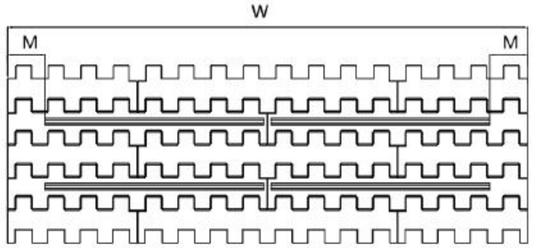
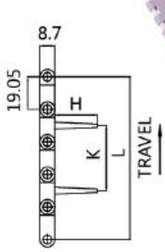
1901D Flights





Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+19 x n

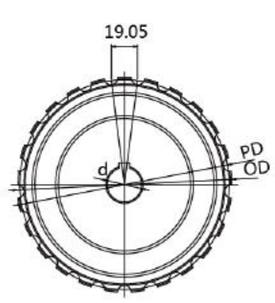
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

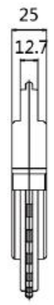
■ CHARACTERISTICS

Modular Type	Flights Material	M	K	W	L	H
1901D Flight	POM/PP	—	—	—	—	20 25 30 35 40 50
Width	76.2 152.4 228.6 304.8 381 457.2 533.4 609.6 685.8 762					76.2N

1901 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

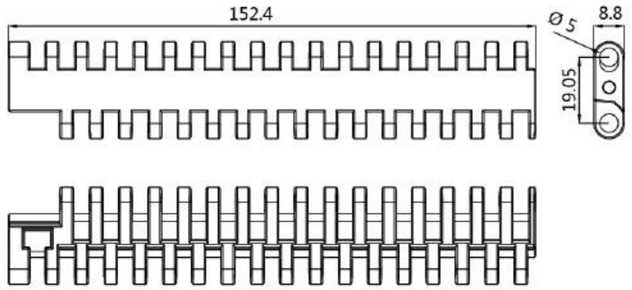


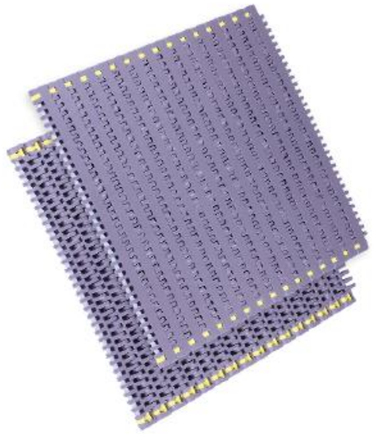


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1901A/1901B-12	12	73.6	2.87	75.7	2.98	25 30 35 40	Square Hole
1-1901A/1901B-16	16	97.6	3.84	99.9	3.93	25 30 35 40	& Split type
1-1901A/1901B-18	18	109.7	4.31	112	4.40	25 30 35 40	

1902 Flat Top





Standard Width : W=304.8 x N
Non-standard Width : W=304.8 x N+8.4 x n

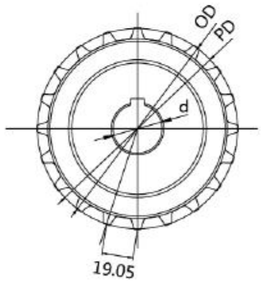
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

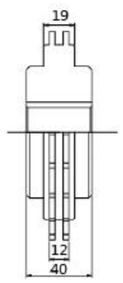
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
1902 Flat Top 8505	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	43000	5840	-30℃ to 90℃	+1℃ to 90℃	0%	25	13.5
Width	304.8	609.6	914.4		1219.2		304.8N		

1902 Sprockets

Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-1902-20T	20	121.8	4.79	122.8	4.83	25 30 35 40	Square Hole
1-1902-22T	22	133.9	5.27	135.2	5.32	25 30 35 40	& Split type
1-1902-24T	24	146.0	5.74	147.6	5.81	25 30 35 40	

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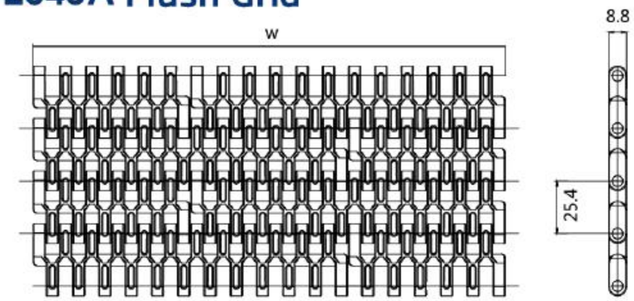
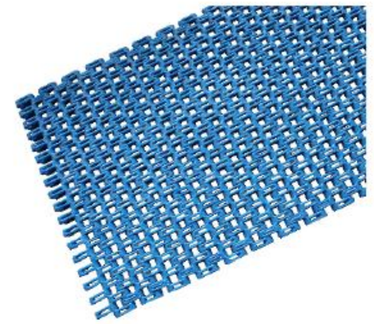
2540A Flush Grid





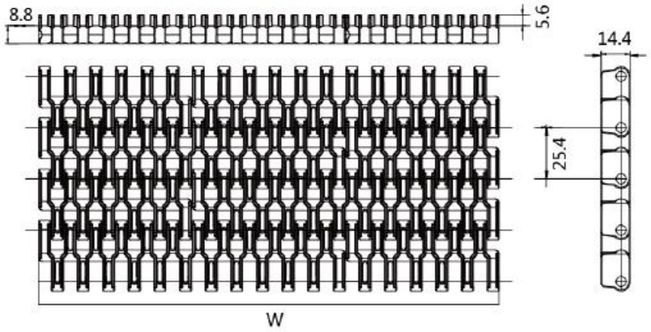
Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+12.7 x n

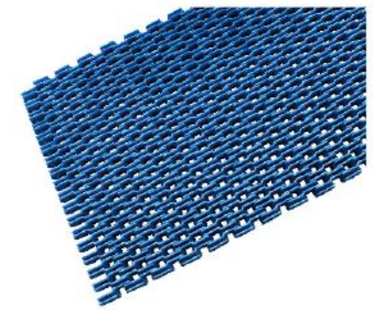
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2540A Flush Grid SNB-M2 FG	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	22000	14000	-5℃ to 80℃	+5℃ to 104℃	34%	30	6.9
Width	76.2	152.4	228.6	304.8	381	457.2	533.4	609.6	685.8	76.2N	

2540B Raised Rib





Standard Width : W=76.2 x N
Non-standard Width : W=76.2 x N+12.7 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

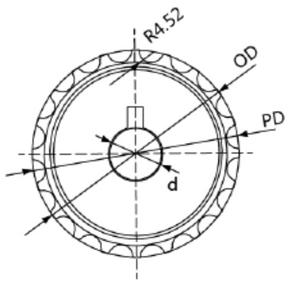
■ CHARACTERISTICS

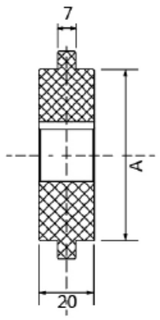
Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2540B Raised Rib SNB M2 Rib	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	22000	14000	-5℃ to 80℃	+5℃ to 104℃	34%	30	8.9
Width	76.2	152.4	228.6	304.8	381	457.2	533.4	609.6	685.8	76.2N	

2540 Machined Sprockets

Mat: Polyamide PA6

Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	Available
1-2540-12T	12	98.1	3.86	96.8	3.81	25 30 35 40 50	on Request
1-2540-18T	18	146.3	5.75	146.1	5.75	40 50 60	By Machined

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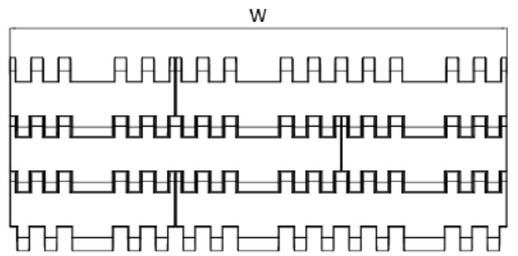
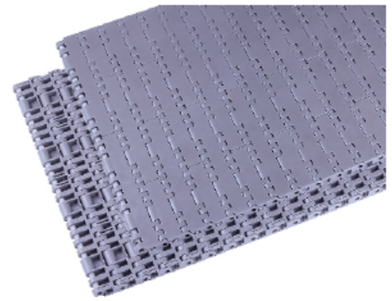
2541 Flat Top





Standard Width : W=76.2 x N

Non-standard Width : W=76.2 x N+8.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

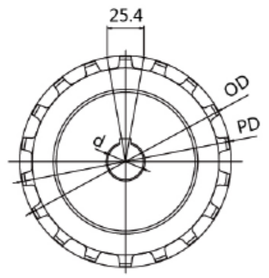
Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2541 Flat Top 7705	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 6mm	17280	9610	-30℃ to 90℃	+1℃ to 90℃	0%	25	12

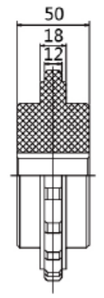
Width	76.2	152.4	228.6	304.8	381	457.2	533.4	609.6	685.8	762	76.2N

2541 Machined Sprockets

Mat: Polyamide PA6

Bore Tolerance: $d^{+0.08}_{+0.02}$

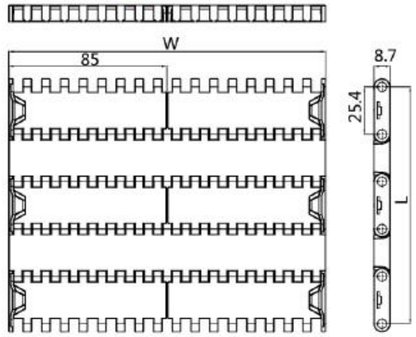




■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-2541-16T	16	130.6	5.14	131.1	5.16	25 30 35 40	Available
1-2541-18T	18	146.3	5.75	146.9	5.78	25 30 35 40	on Request
1-2541-21T	21	170.4	6.69	170.7	6.72	25 30 35 40	By Machined

2542A Flat Top



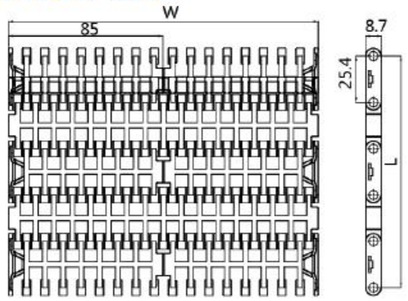
Standard Width : W=85 x N
Non-standard Width : W=85 x N+10 x n Length : L=2 x P x N P=Pitch

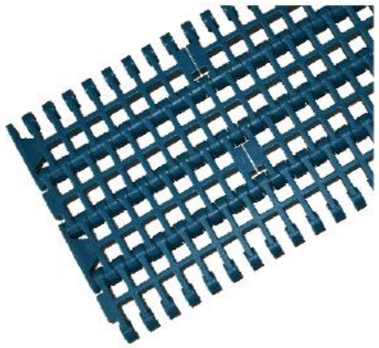
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2542A Flat Top 1000FT	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	17280	9000	-30℃ to 90℃	+1℃ to 90℃	0%	25	6.8
Width	85 170 255 340 425 510 595 680 756 850 85N								

2542B Flush Grid





Standard Width : W=85 x N
Non-standard Width : W=85 x N+10 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2542B Flush Grid 1000FG	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	17280	9000	-30℃ to 90℃	+1℃ to 90℃	40%	25	6
Width	85 170 255 340 425 510 595 680 756 850 85N								

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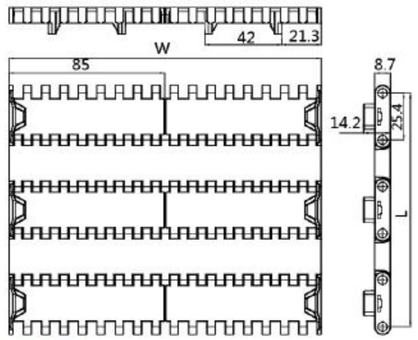
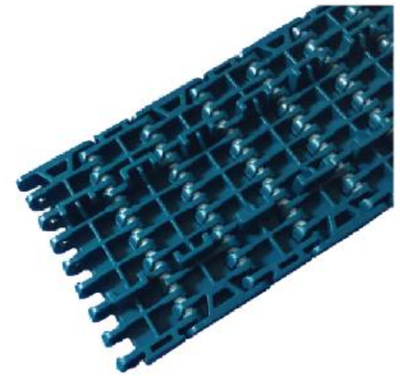
2542C Positioning





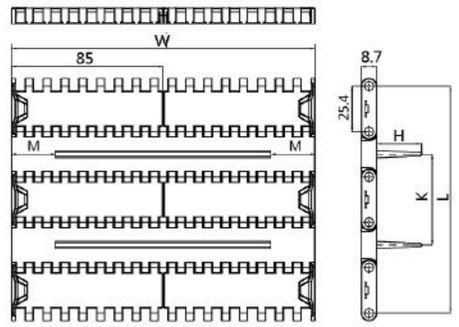
Standard Width : W=85 x N
Non-standard Width : W=85 x N+10 x n Length : L=2 x P x N P=Pitch

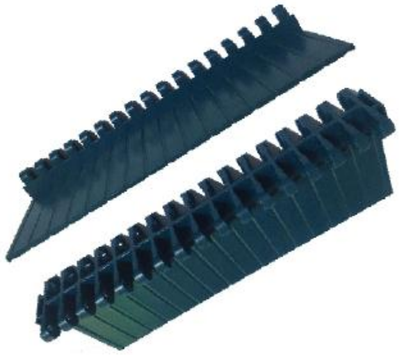
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2542C Positioning	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	17280	9000	-30℃ to 90℃	+1℃ to 90℃	0%	25	7
Width	85 170 255 340 425 510 595 680 756 850 85N								

2542D Flight





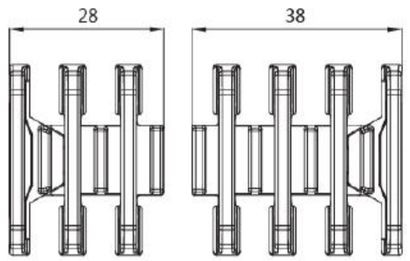
Standard Width : W=85 x N
Non-standard Width : W=85 x N+10 x n

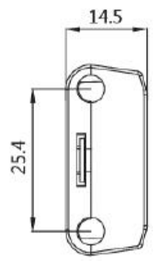
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	L	M	K	Flight Hight
2542D Flight 1000F	POM/PP	——	——	——	25 50 76

2542E Narrow





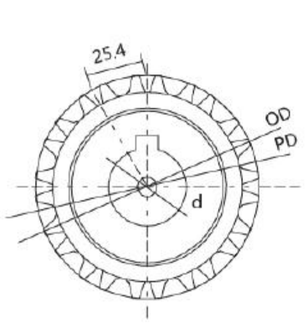
■ CHARACTERISTICS

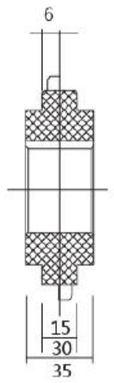
Modular Type	Belt Material	Pin Material	Work Load	Temperature		Open Area	Backflex Radius	Belt Weight
2542E Narrow 1000	POM/PP	POM/PP/PA6	POM	POM	PP		mm	kg/m²
		Diam 5mm	200/400	-30℃ to 90℃	+1℃ to 90℃	40%	25	0.5
Width	28 38 48 58							

2542 Sprockets

Mat: Reinforced PA, Plastic Moulding

Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-2542-12T	12	98.1	3.86	98.7	3.88	25 30 35 40 * 40	Available
1-2542-16T	16	130.2	5.12	117.3	4.61	25 30 35 40 * 40	on Request
1-2542-18T	18	146.3	5.75	146.8	5.77	25 30 35 40 * 40	By Machined

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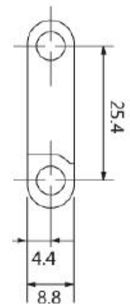
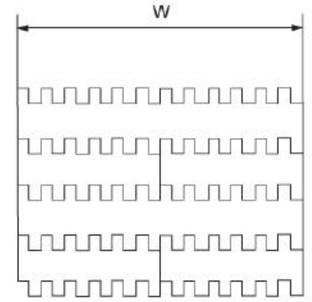
2545 Flat Top





Standard Width : W=76.2 x N

Non-standard Width : W=76.2 x N+25.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

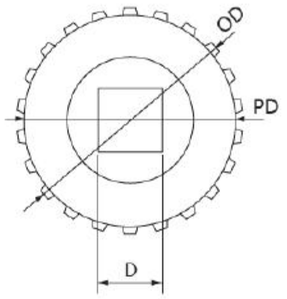
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
2545 Flat Top QNB-C	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 5mm	20000	14000	-5℃ to 80℃	+5℃ to 104℃	0%	40	7.3
Width	76.2 152.4 228.6 304.8 381 457.2 533.4 609.6 685.8 762						76.2N		

2545 Sprockets

Mat: Polyamide PA6

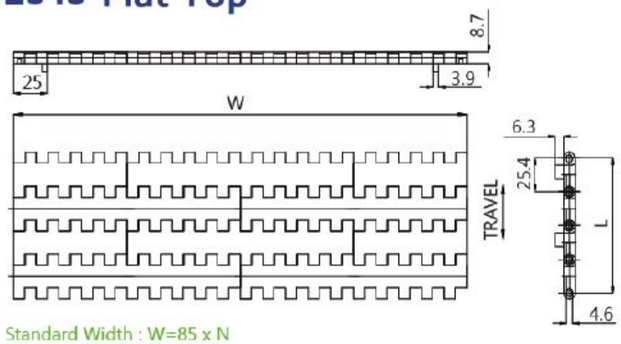
Bore Tolerance: $d^{+0.08}_{+0.02}$



■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-2545-12T	12	98.1	3.86	96.8	3.81	25 30 35	Available
1-2545-18T	18	146.3	5.75	146.1	5.75		on Request
							By Machined

2546 Flat Top



Standard Width : W=85 x N
Non-standard : On Request

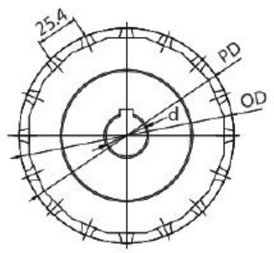
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
		POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
2546 Flat Top 1600	POM/PP	Diam 5mm	17280	6800	-30℃ to 90℃	+1℃ to 90℃	0%	25	8.2
Width	85 170 255 340 425 510 595 680 765 762 85N								

2546 Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$



■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-2546-6-14T	14	114.15	4.49	114.4	4.50	20 25 30	Available
1-2546-6-16T	16	130.2	5.12	130.3	5.13	20 25 30 35 40	on Request
1-2546-6-18T	18	146.3	5.76	146.5	5.77	20 25 30 35 40	By Machined
1-2546-6-19T	19	154.3	6.07	154.6	6.08	20 25 30 35 40	
1-2546-6-20T	20	162.4	6.39	162.8	6.40	20 25 30 35 40	

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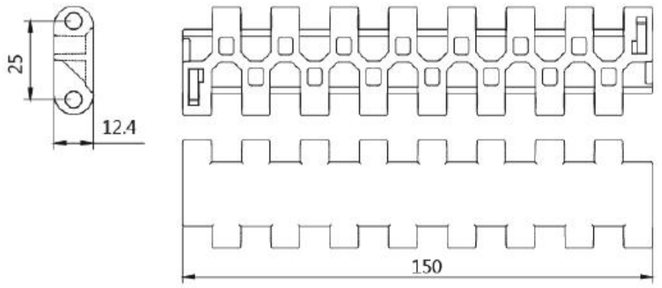
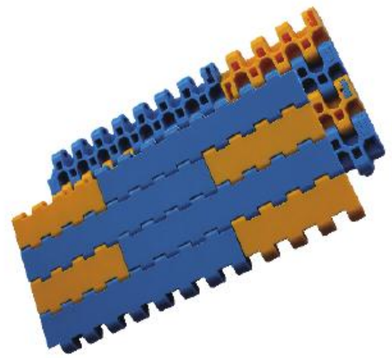
2548 Flat Top





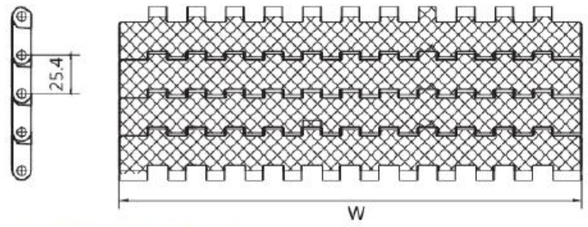
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
		POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
2548 Flat Top 2520	POM/PP	Diam 5mm	10500	3500	-30℃ to 90℃	+1℃ to 90℃	0%	30	13
Width	152.4 304.8 457.2 609.6 381 457.2 533.4 609.6 685.8 762 76.2N								

2549 Friction surface



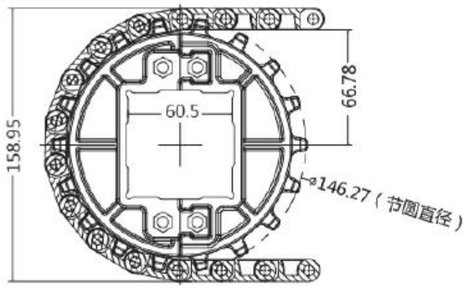
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

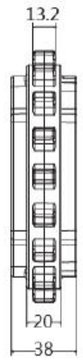
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

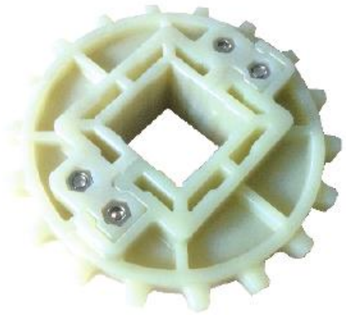
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
		POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
2549 Rubber Top 400	POM/PP	Diam 5mm	10500	3500	-30℃ to 90℃	+1℃ to 90℃	0%	30	8
Width	152.4 304.8 457.2 609.6 381 457.2 533.4 609.6 685.8 762 76.2N								

2549 Sprockets



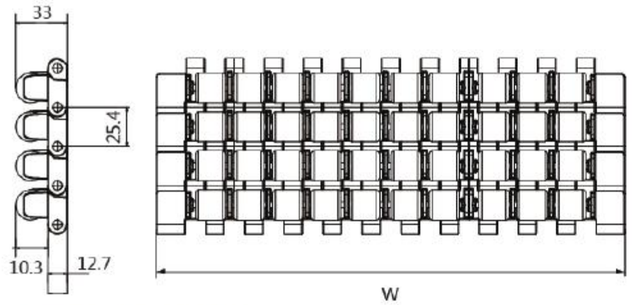




■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter	Outside Diameter	Bore Size	Other Type
3-2549-18T	18	146.27	148.11	20 25 30 35	Available On Request By Machined

25410 With Roller



Standard Width : W=152.4 x N
Non-standard Width : On Require

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
25410 With Roller 1400	POM	POM/PP/PA6	POM	POM		mm	kg/m²
		Diam 5mm	3720	-30℃ to 90℃	0%	30	28.5
Width	152.4 304.8 457.2 609.6	381 457.2	533.4 609.6 685.8	762	76.2N		

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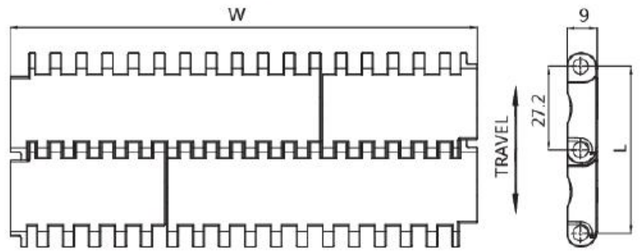
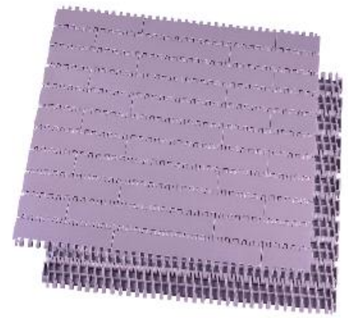
2720A Flat Top





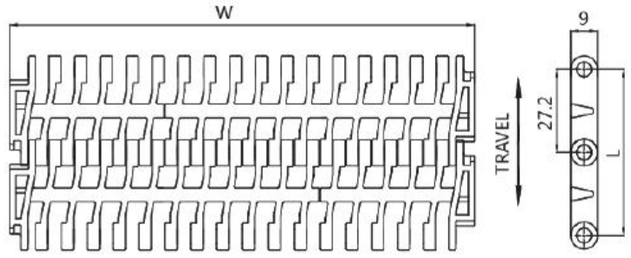
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

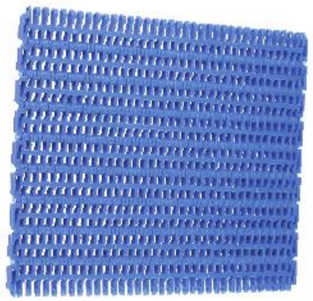
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
2720A Flat Top 900	POM/PP	POM/PP/PA6	POM PP	POM PP		mm	kg/m²
		Diam 4.6mm	21000 10000	-30℃ to 90℃ +1℃ to 90℃	0%	50	7.0
Width	152.4 304.8 457.2 609.6	381 457.2	533.4 609.6 685.8 762		76.2N		

2720B Flush Grid





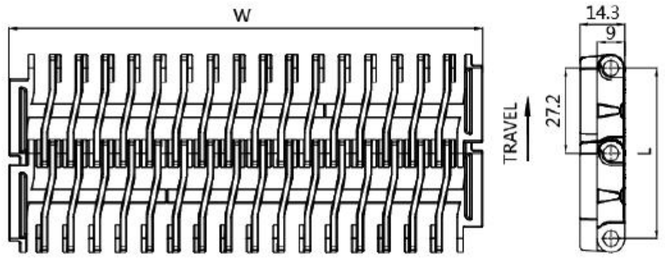
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
2720B Flush Grid 900	POM/PP	POM/PP/PA6	POM PP	POM PP		mm	kg/m²
		Diam 4.6mm	20000 9000	-30℃ to 90℃ +1℃ to 90℃	38%	50	6.0
Width	152.4 304.8 457.2 609.6	381 457.2	533.4 609.6 685.8 762		152.4N		

2720C Rib



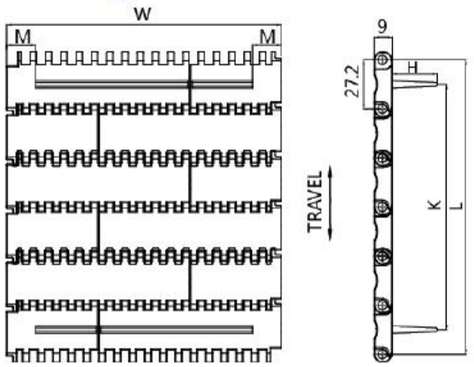
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

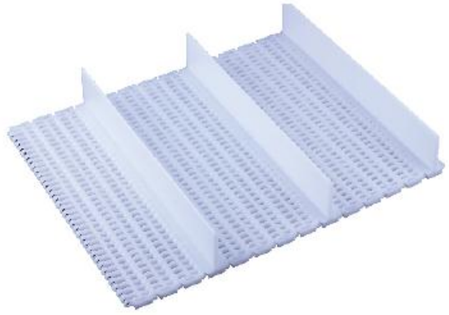
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
2720C Rib 900	POM/PP	POM/PP/PA6	POM	PP	POM		PP			mm	kg/m²
		Diam 5mm	20000	9000	-30℃ to 90℃		+1℃ to 90℃		38%	50	8.0
Width	152.4 304.8	457.2 609.6	381	457.2	533.4	609.6	685.8	762	76.2N		

2720D Flight





Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Flights Material	M		K		W		L		H
2720D Flight 900	POM/PP	—		—		—		—		25 50 100
Width	152.4 304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

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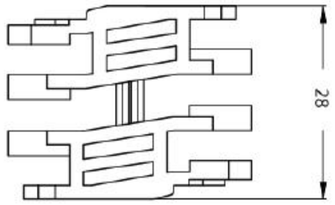
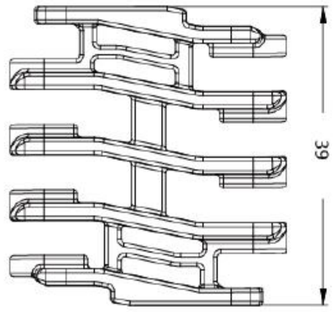
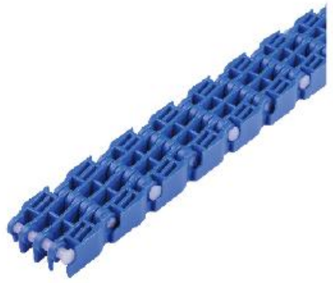
S–2720–F–28

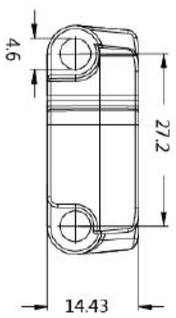


S–2720–F–39

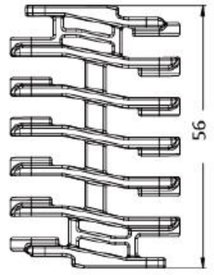




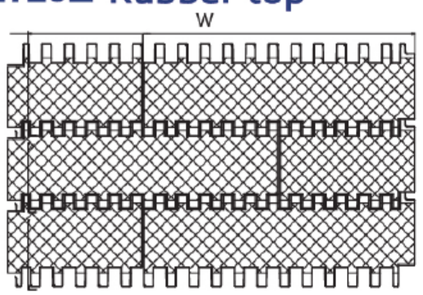
S–2720–F–46

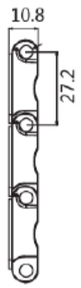


S–2720–F–56



2720E Rubber top





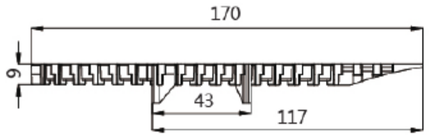
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+8.4 x n

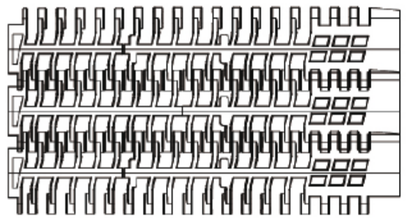
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

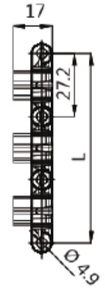
■ CHARACTERISTICS

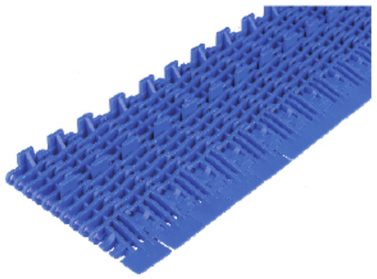
Modular Type		Belt Material		Pin Material		Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
2720E 900	Rubber Top	POM/PP		POM/PP/PA6		POM	PP	POM		PP			mm	kg/m²
				Diam 4.6mm		10500	3500	-30℃ to 90℃		+1℃ to 90℃		0%	50	8
	Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	76.2N		

2720E Transfer









Standard Width : W=170+50.8*N
Non-standard Width : W=170+8.466*N

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature				Open Area	Backflex Radius	Belt Weight
2720E 900	Transfer	POM/PP		POM/PP/PA6		POM	PP	POM		PP			mm	kg/m²
				Diam 4.6mm		10500	3500	-30℃ to 90℃		+1℃ to 90℃		38%	50	6
	Width	170	220.8	322.4	373.2	474.8	525.6	627.2	678	779.6	830.4	170+8.466*N		

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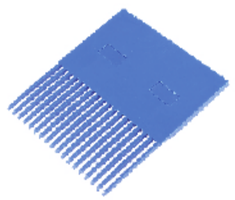
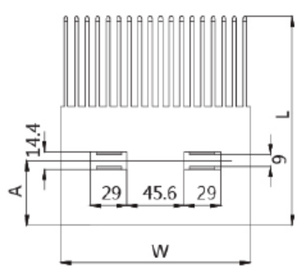
2720T Comb

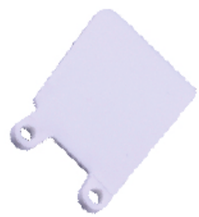


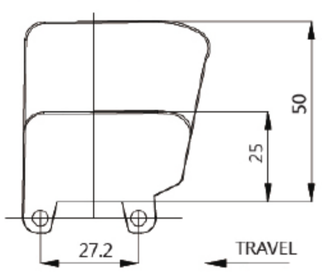


■ CHARACTERISTICS

Modular Type		Belt Material	W	L	A
2720T	Comb	POM/PP	150	165	51

2720S Side Wall



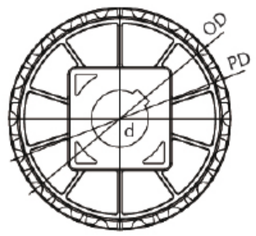


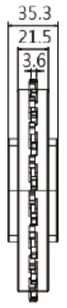
■ CHARACTERISTICS

Modular Type		Belt Material	Hight Size
2720S	Side Wall	POM/PP	25 50 75 102

2720 Sprockets

Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$

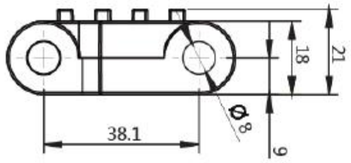


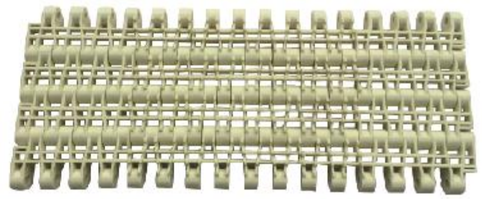


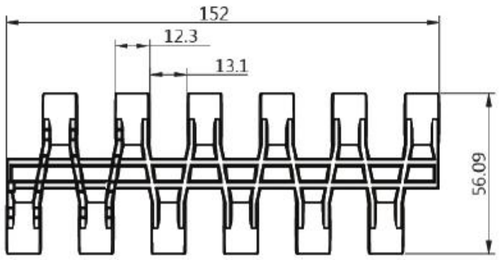
■ CHARACTERISTICS

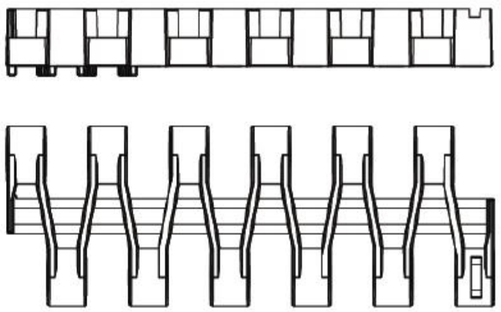
Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
3-2720-9T	9	79.5	3.12	81	3.18	40*40	Available
3-2720-12T	12	105	4.13	107	4.21	30 40*40	on Request
3-2720-18T	18	156.6	6.16	160	6.29	30 40 60	By Machined

3811 Flush Grid









Standard Width : 152.4mmxN
Non-standard Width : W=152.4mm+9.54xn

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
3811	Flush Grid	PP	PP	PP	PP	25%	mm	kg/m²
				25700	1℃ to 90℃		—	8kg/Sq
	Width	152.4	304.8	457.2	609.6	762	914.4	152.4xN

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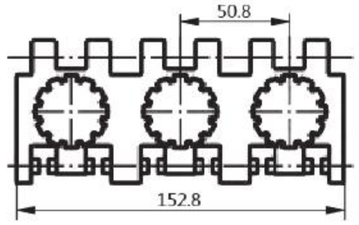
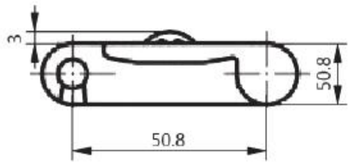
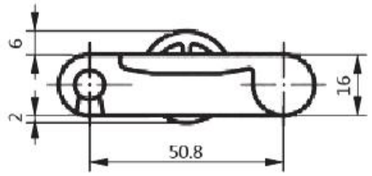
5080 Flush Grid



H1 | H2



H1



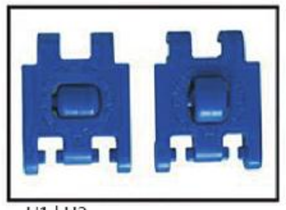
H2

Standard Width : 152.4mmxN
Non-standard Width : W=152.4mm+9.54xn

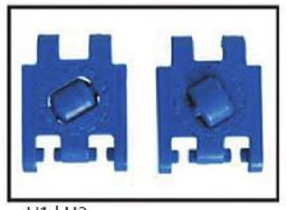
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

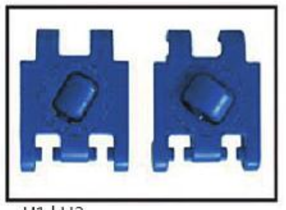
Modular Type		Belt Material	Pin Material	Work Load	Temperature		Open Area	Backflex Radius	Belt Weight
5080	M1	POM	POM	27500	DRY	WET		mm	kg/m²
Roller Belt	M2				4℃ to 80℃	5℃ to 105℃	0%	65	15
RTB									



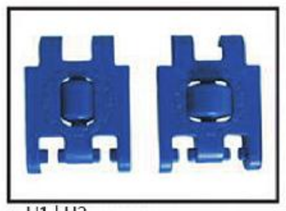
H1 | H2
000°



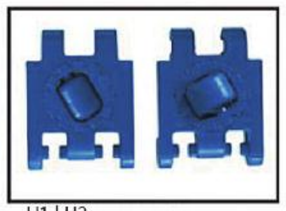
H1 | H2
030°



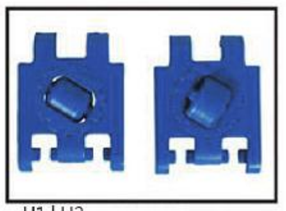
H1 | H2
060°



H1 | H2
090°

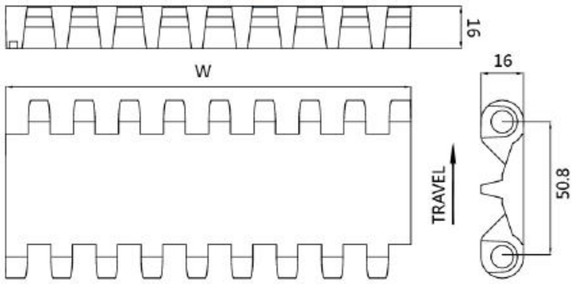


H1 | H2
120°



H1 | H2
150°

5081A Flat Top



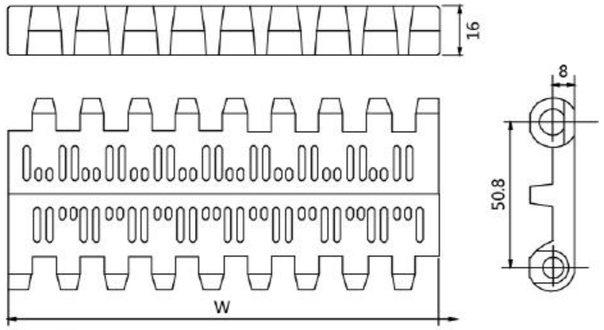
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature			Open Area	Backflex Radius	Belt Weight
5081A Flat Top MPB-FT	POM/PP	POM/PP/PA6	POM	PP	POM		PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃		+1℃ to 90℃	0%	65	11
Width	152.4 304.8	457.2 609.6	381	457.2	533.4	609.6 685.8	762	152.4N		

5081B Flush Grid



Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature			Open Area	Backflex Radius	Belt Weight
5081B Flush Grid MPB-FG	POM/PP	POM/PP/PA6	POM	PP	POM		PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃		+1℃ to 90℃	18%	65	11
Width	152.4 304.8	457.2 609.6	381	457.2	533.4	609.6 685.8	762	152.4N		

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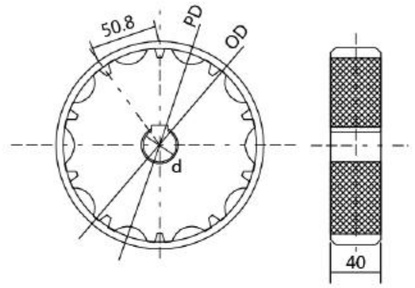
5081 Sprockets

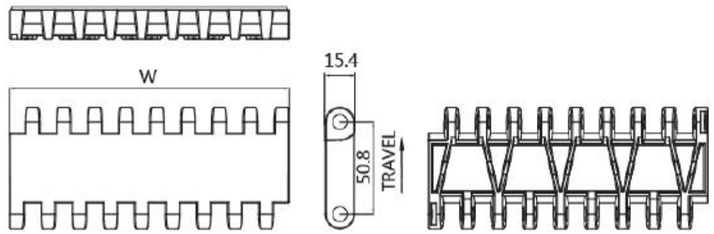
Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$



■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-5081-6-25	6	101.6	4.00	88.4	3.48	25 30 35 40	Available
1-5081-8-25	8	132.8	5.23	123.4	4.86	25 30 35 40	on Request
1-5081-10-25	10	164.4	6.47	157	6.18	25 30 35 40	By Machined

5082A Flat Top



Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

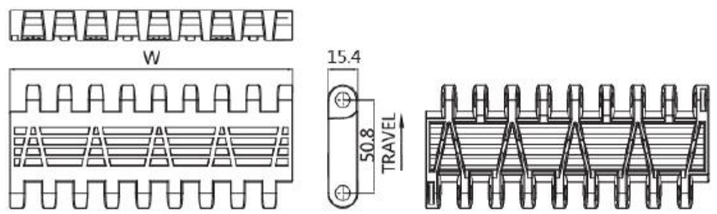
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

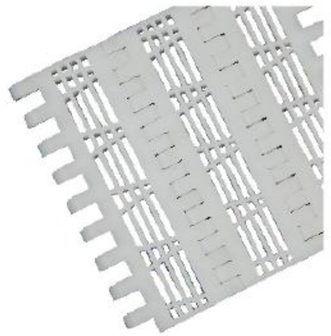
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5082A Flat Top OPB-FT	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃	+1℃ to 90℃	0%	75	11

Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

5082B Flush Grid





Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5082B Flush Grid OPB-FG	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃	+1℃ to 90℃	23%	75	10

Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

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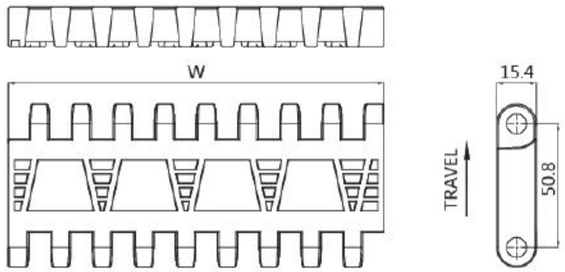
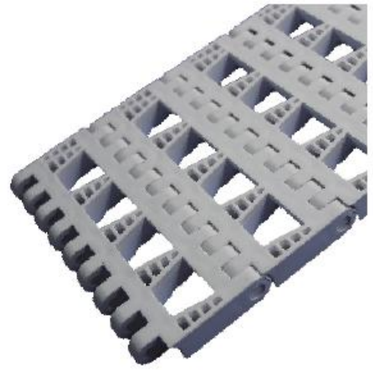
5082C Square Hole





Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

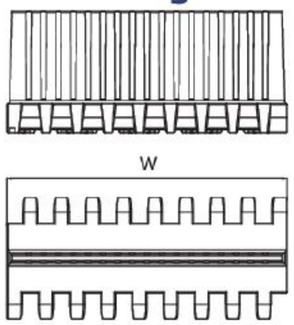
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

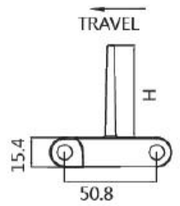
■ CHARACTERISTICS

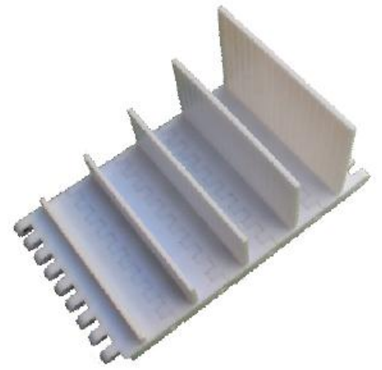
Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5082C Square Hole OPB	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃	+1℃ to 90℃	36%	75	9

Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

5082D Flight







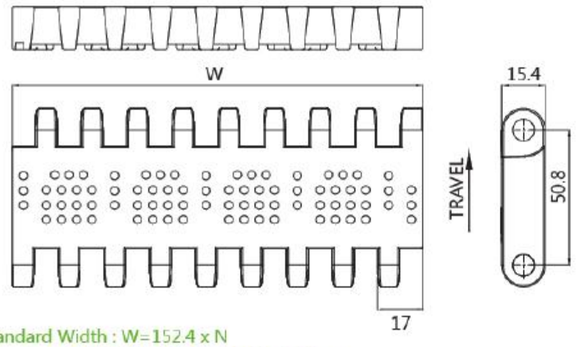
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	H
5082D Flight OPB	POM/PP	Rod Diam 8mm	POM	PP	POM	PP		
		POM/PP/PA6	22000	11000	-30℃ to 90℃	+1℃ to 90℃	0%	32 50 76 100

5082V Vacuum Top



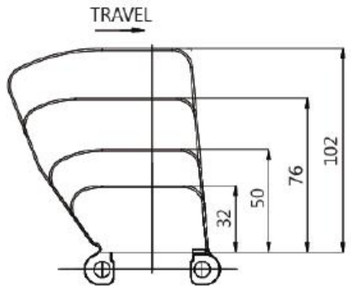
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+16.9 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5082V Vacuum Top OPB	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 8mm	22000	11000	-30℃ to 90℃	+1℃ to 90℃	12%	75	10.8
Width		152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

5082 Side Wall



Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material	Hight Size
5082	Side Wall	POM/PP	32 50 76 102

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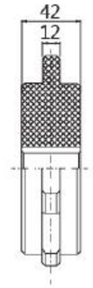
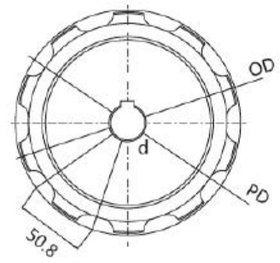
5082 Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

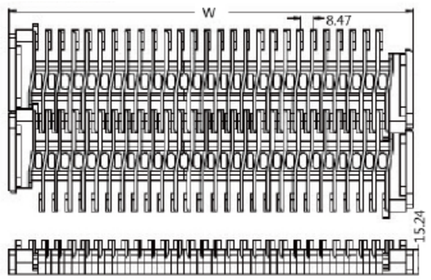


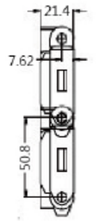


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1- 5082-10T	10	164.4	6.47	161.7	6.36	25 30 40	Available
1- 5082-12T	12	196.3	7.72	193.6	7.62	25 30 35 40	on Request
1- 5082-14T	14	228.3	8.98	225.9	8.89	25 30 35 40	By Machined

5083 Raised Rib





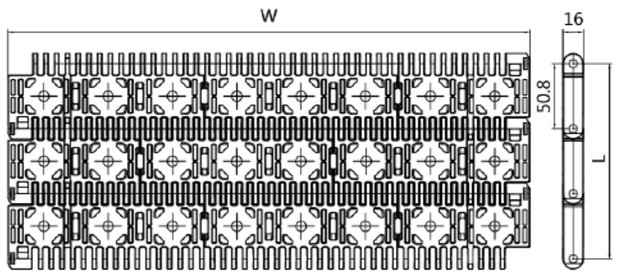
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+76.2 x n

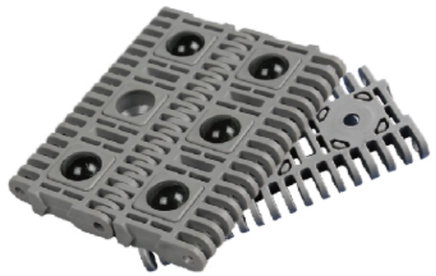
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5083 Raised Rib 400	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 6.3mm	19200	14000	-30℃ to 90℃	+1℃ to 90℃	26%	51	10
Width	152.4 304.8	457.2 609.6	381	457.2	533.4 609.6	685.8 762	152.4N		

5083 Universal Ball Belt





Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+76.2 x n

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5083 Universal ball Belt 400	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 6mm	32000	21000	-5℃ to +80℃	+1℃ to +90℃	18%	51	15
Width	152.4 304.8	457.2 609.6	381	457.2	533.4 609.6	685.8 762	152.4N		

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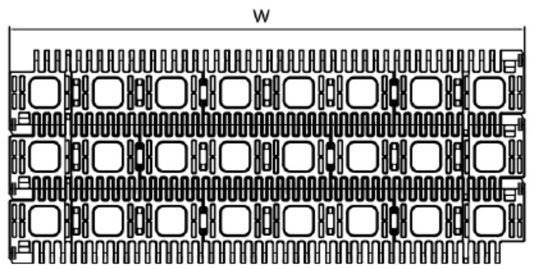
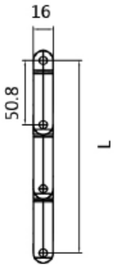
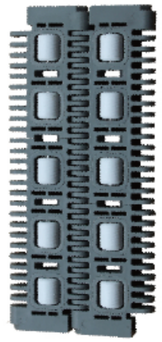
5083 Direct Belt







Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+76.2 x n

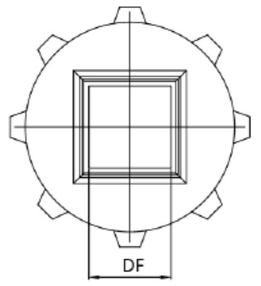
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

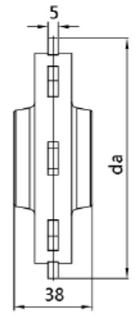
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5083 Universal ball Belt 400	POM/PP	POM/PP/PA6	POM	PP	POM	PP		mm	kg/m²
		Diam 6.3mm	32000	21000	-5℃ to 80℃	+1℃ to 90℃	18%	51	15
Width	152.4 304.8	457.2 609.6	381	457.2	533.4 609.6	685.8 762	152.4N		

5083 Sprockets

Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$

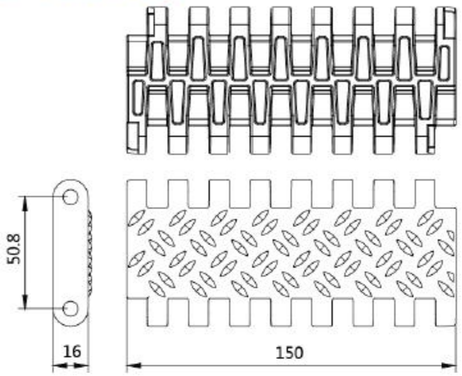


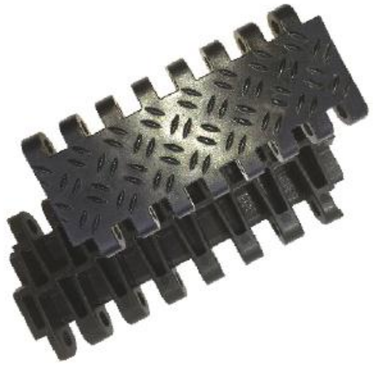


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-5083-8T	8	132	5.19	127	5.00	25 30 35 40	Available
1-5083-10T	10	163	4.68	160	6.29	25 30 35 40	on Request
1-5083-16T	16	257	10.11	259	10.19	25 30 35 40	By Machined

5085 Flat Top





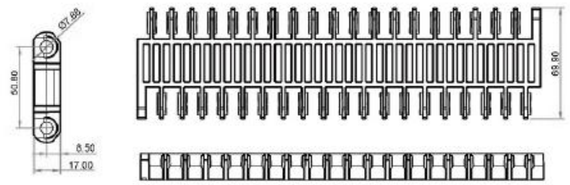
Standard Width : W=152.4 x N
Non-standard Width : W=152.4 x N+76.2 x n

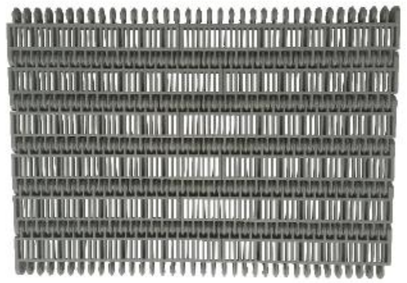
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature		Open Area	Backflex Radius	Belt Weight
5085	Flat Belt	POM/PP		POM/PP/PA6		POM	PP	POM		PP	mm	kg/m²
				Diam 5mm		35000	28000	+30℃ to 90℃	+1℃ to 90℃	0%	30	11
	Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N

5086 Flush Grid





Standard Width : W=152.4mmxN

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
5086	Flush Grid	PP	pp	PP	PP		mm	kg/m²
				25700	1℃ to 90℃	22.5%	51	8kg/Sq
	Width	457.2	914.4	457.2	1371.6	1828.8	2286	457.2xN

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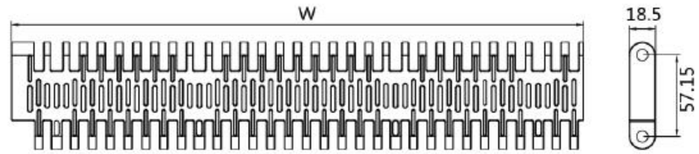
5711 Flush Grid



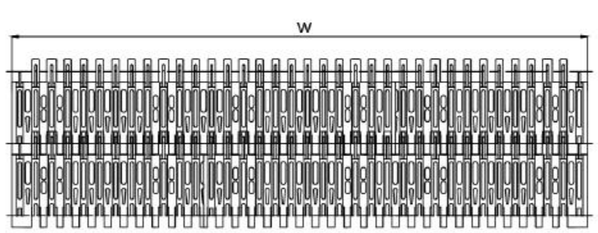
Standard Width : W=304.8+152.4 x N

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature	Open Area	Backflex Radius	Belt Weight
5711	Flush Grid	PP		PP/PA6/SS		PP		PP		mm	kg/m²
	5996			6.1mm		35000		+4℃ to 80℃	22%	38	11.5
	Width	152.4	304.8	609.6	914.4	1219.2	1524	1828.8	152.4N		

5712 Flush Grid



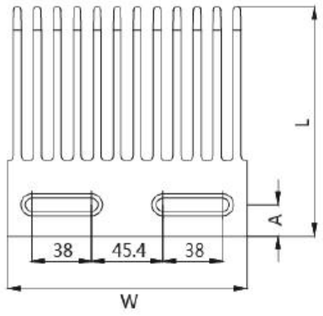
Standard Width : W=304.8+152.4 x N
Non-standard : On request

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature	Open Area	Backflex Radius	Belt Weight
5712	Flush Grid	PP		PP/SS		PP		PP		mm	kg/m²
	5997					35000		+1℃ to 90℃	22%	70	11
	Width	152.4	304.8	609.6	914.4	1219.2	1524	1828.8	152.4N		

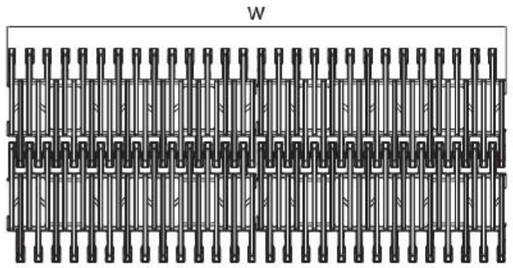
5712 Comb

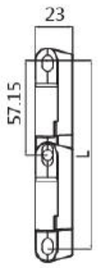


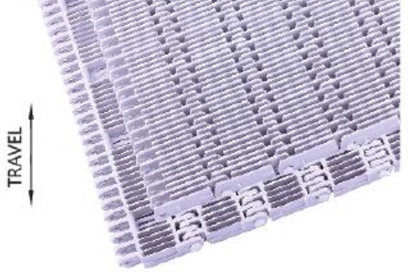
■ CHARACTERISTICS

Code		Teeth	Mat	W	L	A
5712	Comb	12	POM	152.3	146	20
				150	220	50

5713 Flush Grid







Standard Width : W=152.4 x N
Non-standard : On request

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material	Pin Material	Work Load	Temperature	Open Area	Backflex Radius	Belt Weight
5713	lush Grid 4809	PP	PP/SS	PP	PP		mm	kg/m²
				29000	+1℃ to 90℃	34%	70	12.7
	Width	152.4 304.8 609.6 914.4 1219.2 1524 1828.8 152.4N						

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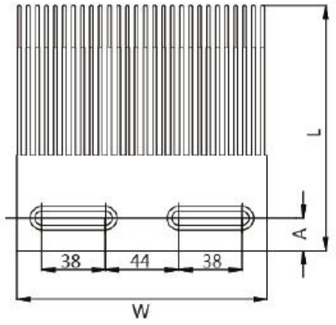
5713 Comb

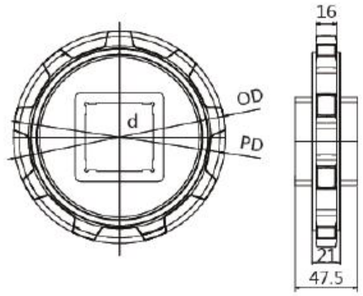


■ CHARACTERISTICS

Code		Teeth	Mat	W	L	A
5713	Comb	28	POM	151	147	19.5
				150	220	47.5

5711/5712/5713 Sprockets

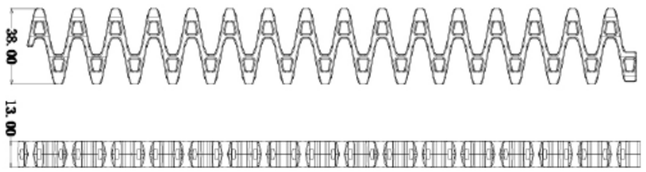
Mat: Reinforced PA, Plastic Moulding
Bore Tolerance: $d^{+0.08}_{+0.02}$

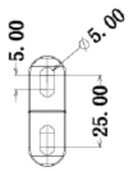


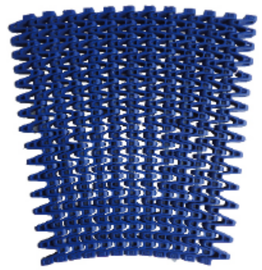
■ CHARACTERISTICS

Code	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
3-5711/5712/5713-7-30	7	133.58	5.26	131.6	5.18	30 35	Available on Request By Machined
3-5711/5712/5713-9-30	9	167.1	6.58	163	6.42	30 35 40 50*50	
3-5711/5712/5713-12-30	12	221	8.70	221	8.70	30 40*40	
3-5711/5712/5713-14-30	14	256.8	10.11	257	10.12	40 50 60 80*80	

S2501 Flush Grid







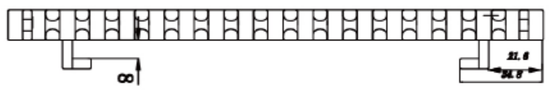
standard Width : W=152.4*N
Non-standard : On Request

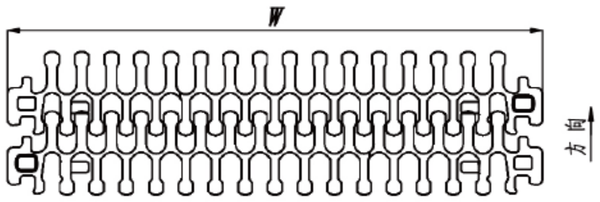
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

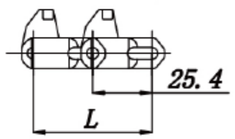
■ CHARACTERISTICS

Modular Type		Belt Material	Pin Material	Work Load		Temperature		Radius	Belt Weight	Open Area
				POM	PP	POM	PP		kg/m²	
S2501	Flush Grid 916	POM/PP	POM/PP	14700	14200	-30℃ to 80℃	1℃ to 90℃	2*Belt Width	6kg/Sq	60%
	Width	152.4	304.8	457.2		609.6	762	914.4	152.4 x N	

S2541 Flush Grid







Standard:W=228.5*N

Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type		Belt Material		Pin Material		Work Load		Temperature		Side Flex Radius	Backflex Radius	Belt Weight	Open Area
						Straight	In Curve	POM	PP	2.5*Belt Width	mm	kg/m²	
S2541	Flush Grid 2400	POM		POM/PP/PA6		24800	1100	-30℃ to 80℃	+1℃ to 90℃		25	8	42%
	Width	228.5	355.5	482.5	609.6	736.5	863.5	990.5	1117.5	228.5N			

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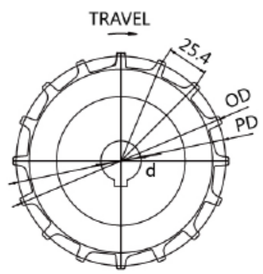
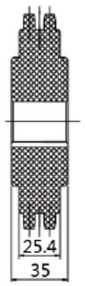
S2541 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

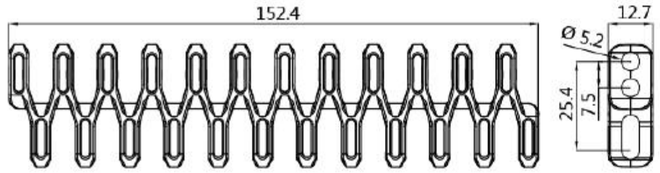




■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1- S2541-6-20	6	50.8	2.00	54.6	2.14	20 25 30	Available
1-S2541-12-20	12	98.1	3.86	102	4.01	20 25 30 35	on Request
1-S2541-16-25	16	130.2	5.12	134	5.27	25 30 40	By Machined
1-S2541-20-25	20	162.4	6.39	164.2	6.46	25 30 40	

S2542 Flush Grid



Standard Width : W=152.4 x N
Non-standard Width : W=152.4+12.7 x n

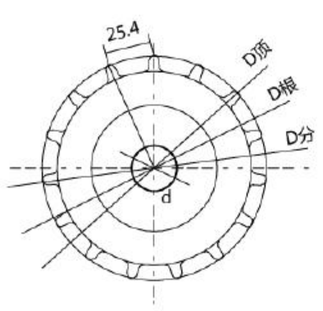
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

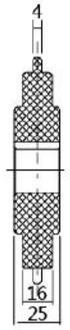
■ CHARACTERISTICS

Modular Type	Belt Material		Pin Material		Work Load		Temperature		Side Flex Radius	Backflex Radius	Belt Weight	Open Area
S2542 Flush Grid 7100	POM		POM/PP/PA6		Straight	In Curve	POM	PP	2.3*Belt Width	mm	kg/m²	
					30000	600	-30℃ to 80℃	+1℃ to 90℃		25	7	55%
Width	152.4	304.8	457.2	609.6	381	457.2	533.4	609.6	685.8	762	152.4N	

S2542 Machined Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-S2542-20T	9	74.3	2.92	73.8	2.90	20 25 35	Available
1-S2542-20T	10	82.2	3.23	82.2	3.23	20 25 35 40	on Request
1-S2542-25T	12	98.2	3.86	98.8	3.88	25 30 35 40	By Machined
1-S2542-25T	15	122.2	4.81	123.5	4.86	25 30 35 40	

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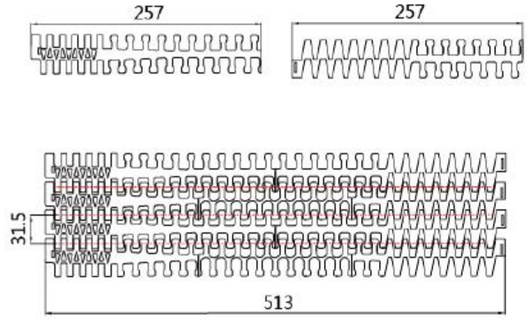
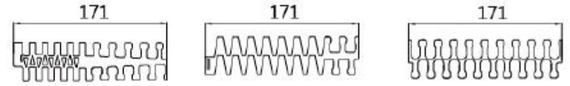
S3150 Flush Grid





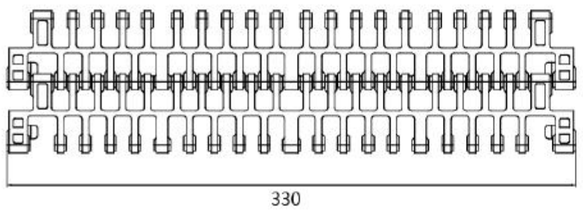
Non-standard Width : On Request

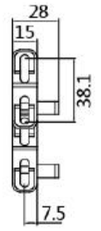
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material		Pin Material		Work Load		Temperature		Side Flex Radius	Backflex Radius	Belt Weight	Open Area
S3150 Flush Grid 1255 1265 1275	POM		POM/PP/PA6		Straight	In Curve	POM	PP	2.5*Belt Width	mm	kg/m²	
					22000	15000	-30℃ to 80℃	+1℃ to 90℃		25	8.5	39%
Width	255	340	425	510	595	680	765	850	935	1020		

S3810 Flush Grid





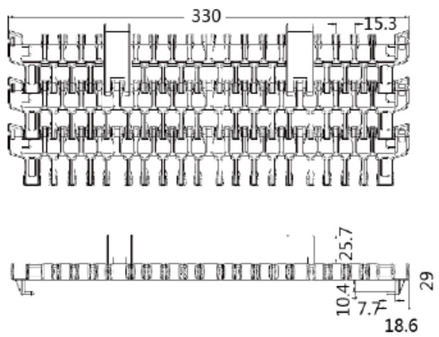
standard Width : W=330*N

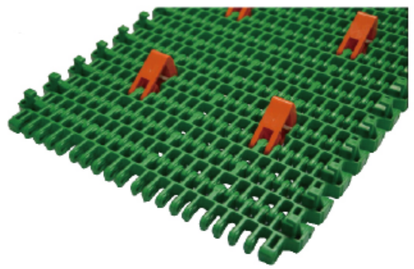
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		In Side Turning Radius	Backflex Radius	Belt Weigh	Open Area
S3810 Radius Flush Grid 7960	POM	POM/PP/PA6	Straight	In Curve	POM	PP	2.2*Belt Width < 610	mm	kg/m²	
		6mm	21000	15000	-30℃ to 80℃	+1℃ to 90℃	2.5*Belt Width > 610	20	8	58%
Width	330*N									

S3810 Pop-up Flight





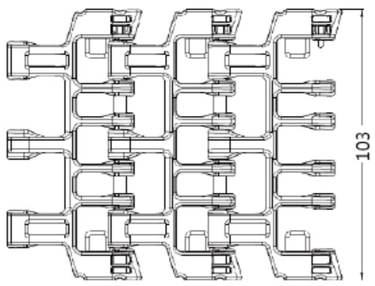
Standard Width : W=393.7+25.4 x N

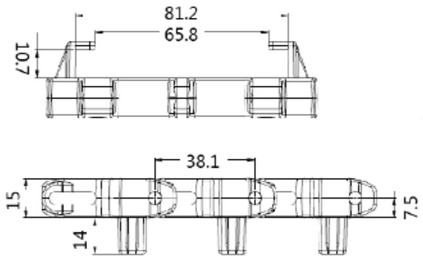
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		In Side Turning Radius	Backflex Radius	Belt Weight	Open Area
S3810 Pop-up Flight 7960	POM	POM/PP/PA6	Straight	In Curve	POM	PP	2.2*Belt Width < 610	mm	kg/m²	
			21000	15000	-30℃ to 80℃	+1℃ to 90℃		20	8	58%
Width	330*N									

S3810—103





■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		In Side Turning Radius	Backflex Radius	Belt Weight	Open Area
S3810-103 7960	POM	POM/PP/PA6	Straight	In Curve	POM	PP	2.2*Belt Width < 610	mm	kg/m²	
			5000	2800	-30℃ to 80℃	+1℃ to 90℃		20	1	60%
Width	103mm									

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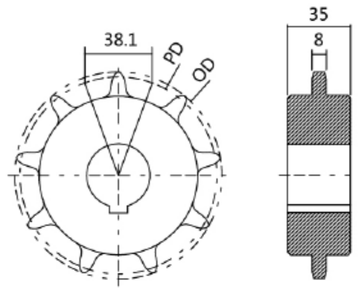
S3810 Machined Sprockets

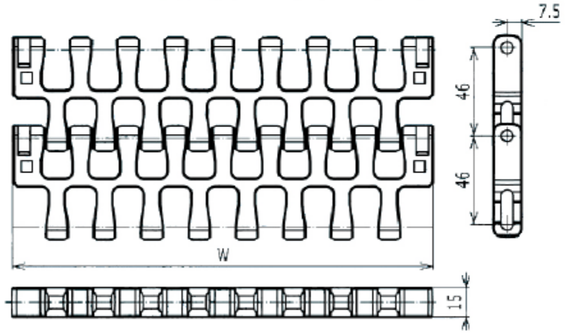
Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$

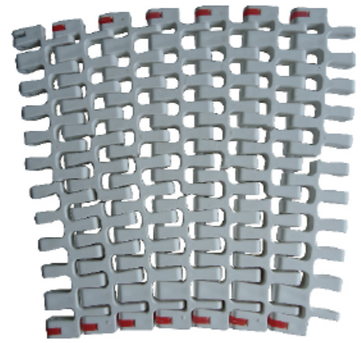


■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-3810-7	7	87.8	3.46	102	4.03	20 35	Available
1-3810-9	9	111.4	4.39	116	4.59	20 35	on Request
1-3810-12	12	147.2	5.79	155	6.11	20 45	By Machined

S4600 Radius Flush Grid

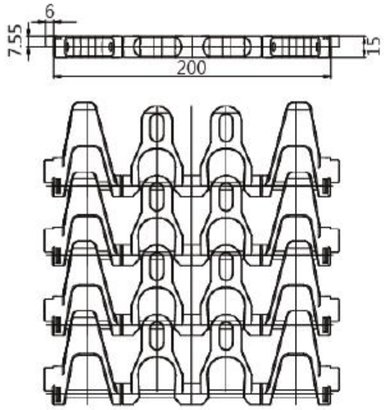




■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature		In Side Turning Radius	Backflex Radius	Belt Weight	Open Area
S4600 Flush Grid 300	PP/POM	PP/PA	Straight	In Curve	PP	POM	2.2*Belt Width	mm	kg/m²	
			23000	43000	+1℃ to 90℃	-30℃ to 80℃		50	7	38%

S5001 Flush Grid



Standard Width : W=200+100 x N

Non-standard: On Request

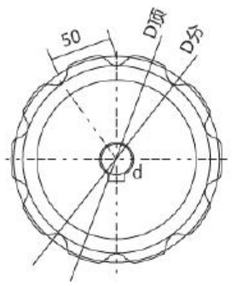
Note : N, n will increase as integer multiplication ;
due to different material shrinkage, actual will be lower than standard width.

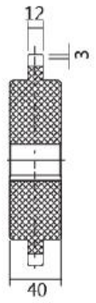
■ CHARACTERISTICS

Modular Type	Belt Material	Pin Material	Work Load		Temperature	In Side Turning Radius	Backflex Radius	Belt Weight	Open Area
			Straight	In Curve	PP			mm	kg/m²	
S5001 Flush Grid	PP	PP/SS	14000	7500	+1℃ to 90℃	2*Belt Width		30	8	43%
Width	200 300	400 600	800	1000	1200 1400	200+100*N				

S5001 Sprockets

Mat: Polyamide PA6
Bore Tolerance: $d^{+0.08}_{+0.02}$





■ CHARACTERISTICS

Machine Sprockets	Teeth	Pitch Diameter		Outside Diameter		Bore Size	Other Type
		mm	inch	mm	inch	mm	
1-S5001-8-30	8	132.75	5.22	136	5.35	25 30 35	Available
1-S5001-10-30	10	164.39	6.47	167.6	6.59	25 30 35 40	on Request
1-S5001-12-30	12	196.28	7.58	199.5	7.85	25 30 35 40	By Machined

PARTS

PARTS

Side Guide Brackets	P101-119
Guide	P120-126
Parts	P127-130
Bearing	P131-132
Wear Rib	P133-136

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