

Engineering Guide & Product Catalogue



Reliable Performance.
Trusted Brands

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2017



World of Conveyor Solutions

Welcome to the World of Conveyor Solutions



DMNbelt is a modern engineering industry in netherlands.
Our three business areas consist of Engineering, Contract Manufacturing and Conveyor Solutions.
At Engineering our constructors develop from idea to a complete product including documentation.
Our Contract Manufacturing attend small to middle-sized series for the food, medical technical and engineering industry.
Conveyor Solutions offer complete solutions, from development to production, installation and service. Our products portfolio provide package conveyors, vertical conveyors, accumulators, elevators etc.
This catalogue contains our chains. Separate product overviews in the catalogue present basic information about the different products.
Please visit our website or contact us for more information regarding our products.

Introduction of DMNbelt ® company



DMN company ® is a global company supplying many industries with conveyor belts and conveying components. We are one of the leading manufacturers and developers of innovative conveyor belt technology such as plastic chains, modular plastic belt and conveyor belt.

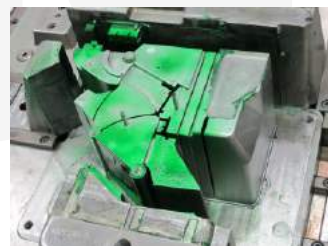
As a supplier of complete solution with location in close proximity to our customers around the world, DMN ® head office is based in Netherlands with several divisions in all over the world. All plastic chains and modular belts are licenced in Netherlands and produced in China. DMN ® are well-known in China, Russia, Japan, Turkey, Australia, Germany, Netherlands, Italy, Argentina, Brazil, South Africa and some of other countries.

DMN ® fully committed to meet customer's expectations. The main target of DMNbelt ® is:

- focusing on perfect product development
- quality _ oriented engineering
- maximization of production
- satisfy customers with reasonable price
- reliable quality
- timely delivery

A variety range of products are offered for detergent, food, beverage ,packing industries and etc. our products are used in well-known companies such as KRONES, TETRA PACK, SIDEL , COMBIBLOC, KHS .

This is just a small collection of the samples in which DMN ® products are being used. Among others they have also found their way into pharmaceutical production lines, battery manufacture, paper and cardboard production.



Licence and Certificates

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. The quality assurance system of DMNbelt is certified according to ISO 9001:2000.



From standard low friction to specialized high-tech materials for very specific applications, the DMNbelt plastic TableTop range is capable of delivering a wide range of solutions for conveyor applications for virtually any industry.

FEATURES

- High strength materials

For dry running and lubricated beverage applications and also for abrasive applications in glass works, special materials are available, offering high PV resistance or very low friction.

- Sliding properties

To ensure superior sliding properties, DMNbelt uses a number of high quality chain materials. In many cases these materials are especially defined for conveyor applications. All different materials have friction coefficients tailored to the intended application.

- Flatness

The design of the mould and the control of the production process take care of flatness values meeting the highest standards. Together with the optimum sliding properties, this will prevent tipping of the products conveyed.

- Standardization

In case handling a number of different chains are used. Standard chains (XL, LF, HP) are used for general conveying of cases, trays or crates. High friction versions (Rubber Top, SuperGrip) are used for inclines and declines or on stopper belts. Version with rollers (LBP) are used in lines feeding palletizers in order to reduce the backline pressure and noise. The wide product range allows standardization of case handling conveyors, as a result of the same sprockets, track width, return rollers, return design, wearstrips and hinge width, also in co-operation with stainless steel (60 M 75 and 60 S 75). If plastic modular belts are used for straight running, sideflexing chainbelts are ideal for conveyors with 85 mm pitch; FGM 1050, FT 1050 and FTM 1060 match with 1000- and 8500-series, FTM 1055 and FT 1055 with 1005- and 7700-series. These chains feature a maximum support area and excellent transfers, even in small radii. For demanding applications FGM/FTM Magnetflex versions are recommended, whilst the FT tab versions are intended for less critical circumstances.

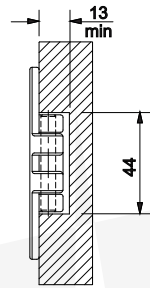
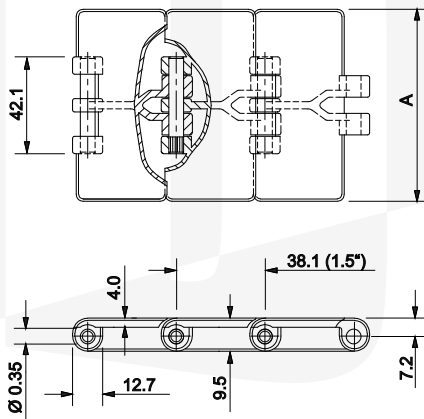
- 84 mm wide chains

DMNbelt offers a complete range of both plastic and steel chains with 84 mm width, intended for the global beverage standard 85 mm pitch between the lanes of multi-lane conveyors. In plastic chains the straight running SHP84 and the sideflexing RHMP84 are companions, running on the same sprockets. The gap between the different tracks/lanes is minimized compared to the traditional 3.25" chains as well as the gap between the links of the chains, to offer superior product handling and minimize the risks of products falling.

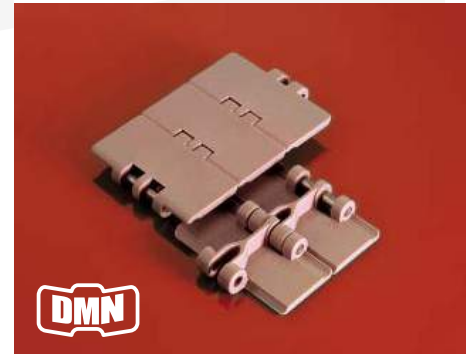
- D-pins

SHP, RHMP, 1060, 1055, 879, 880 and 882 chains have D-style pins. Once assembled, the pin retention is done by means of geometrical fit instead of mechanical tension on the hinge eyes. This makes the chain less sensitive for attack by chemicals; it also allows (dis)assembly from both sides of the chains, reducing the chance of error.

STRAIGHT RUN SINGLE HINGE

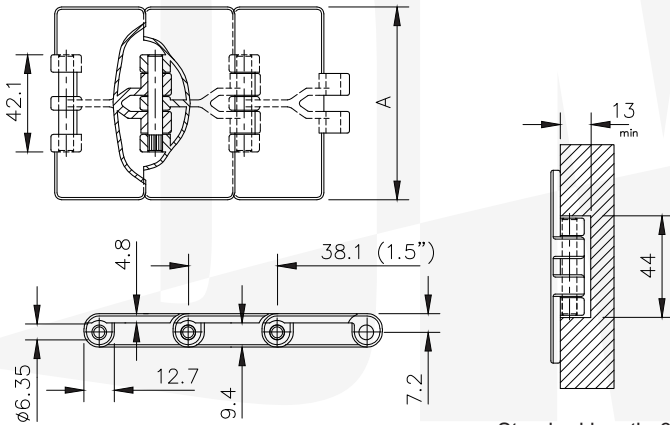


Pins made of black reinforced polyamide
for non-magnetic or chemical applications.
Ask costumer service for minimum order
quantity. Standard length:
3.048 m - 10 feet (80 links)

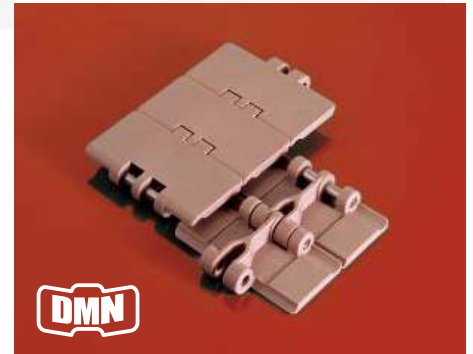


Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XL-ACETAL							
SH 250 XL	750.42.22	63.5	2.50	0.69	1230	50	4.0
SH 325 XL	750.42.31	82.5	3.25	0.82			
SH 84 XL	750.42.35	83.8	3.30	0.82			
SH 350 XL	750.42.32	88.9	3.50	0.87			
SH 400 XL	750.42.40	101.6	4.00	0.95			
SH 450 XL	750.42.42	114.3	4.50	1.00			
SH 600 XL	750.42.60	152.4	6.00	1.20			
SH 750 XL	750.42.72	190.5	7.50	1.44			
LF-ACETAL							
LF 820-K250	L0820667731	63.5	2.50	0.73	1230	50	4.0
LF 820-K325	L0820603761	82.5	3.25	0.83	1200		
LF 820-K325 plastic pin*	L0820613711	82.5	3.25	0.63			
LF 820-K343	L0820666361	87.0	3.43	0.85	1230		
LF 820-K350	L0820603771	88.9	3.50	0.87			
LF 820-K400	L0820603781	101.6	4.00	0.95			
LF 820-K450	L0820603791	114.3	4.50	1.03			
LF 820-K450 plastic pin*	L0820645211	114.3	4.50	0.83	1200		
LF 820-K600	L0820603801	152.4	6.00	1.25	1230		
LF 820-K750	L0820603811	190.5	7.50	1.47			
HP-ACETAL							
HP 820-K325	L0820613041	82.5	3.25	0.83	1230	50	4.0
HP 820-K343	L0820670561	87.0	3.43	0.85			
HP 820-K350	L0820669071	88.9	3.50	0.87			
HP 820-K400	L0820649231	101.6	4.00	0.95			
HP 820-K450	L0820613051	114.3	4.50	1.03			
HP 820-K600	L0820613061	152.4	6.00	1.25			
HP 820-K750	L0820613071	190.5	7.50	1.47			
PS-ACETAL							
SH 325 PS	750.10.03	82.5	3.25	0.82	1230	50	4.0
PS 820-K325	L0820605513	82.5	3.25	0.82			
SH 84 PS	750.10.04	83.8	3.30	0.82			
SH 450 PS	750.10.11	114.3	4.50	1.00			
PS 820-K450	L0820605523	114.3	4.50	1.00			
SH 750 PS	750.10.09	190.5	7.50	1.44			

STRAIGHT RUN SINGLE HINGE WITH THICK TOP PLATE

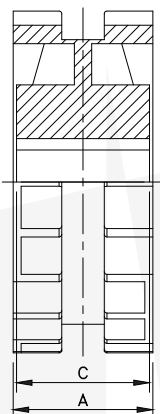
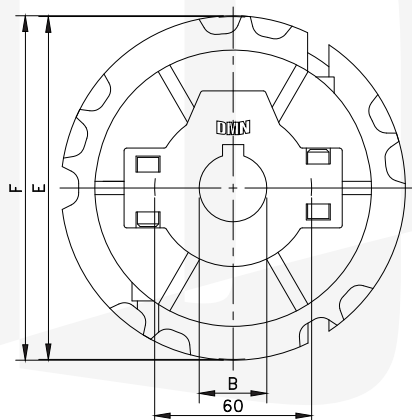


Standard length: 3.048 m - 10 feet (80 links).



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XL-ACETAL							
SHD 325 XL	750.92.31	82.5	3.25	0.87	1230	50	4.8
SHD 450 XL	750.92.42	114.3	4.50	1.06			
SHD 750 XL	750.92.72	190.5	7.50	1.53			
LF-ACETAL							
LF 831-K325	L0831603821	82.5	3.25	0.83	1230	50	4.8
LF 831-K450	L0831603831	114.3	4.50	1.03			
LF 831-K750	L0831603841	190.5	7.50	1.47			
HP-ACETAL							
HP 831-K325	L0831613261	82.5	3.25	0.83	1230	50	4.8
HP 831-K450	L0831613271	114.3	4.50	1.03			
HP 831-K750	L0831613281	190.5	7.50	1.47			
PS-ACETAL							
SHD 325 PS	750.10.02	82.5	3.25	0.87	1230	50	4.8
WX-POLYAMIDE COMPOSITE							
WX 831-K325	L0831603533	82.5	3.25	0.87	1230	50	4.8
WX 831-K450	L0831676362	114.3	4.50	1.06			





Sprockets For 820 Series

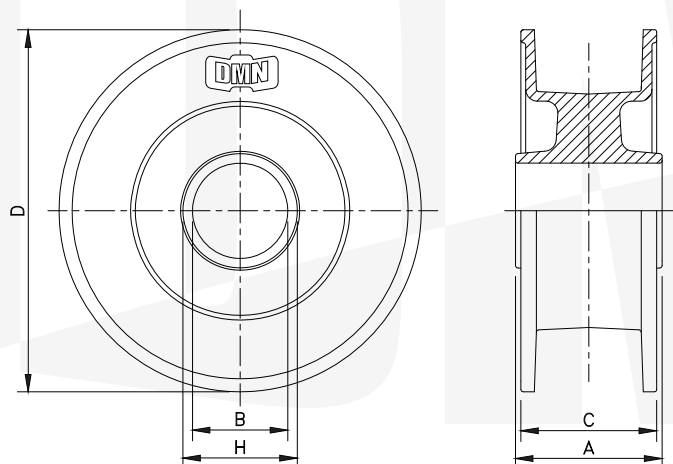


Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter E	Outside diameter F	Width (Teeth) C	Hub width A	Hub diameter H
			B					
			mm/inch	mm	mm	mm	mm	mm
METRIC BORES								
NS820 21-25	L0820664341	21	25	129.3	129.5	52.0	51.0	60
NS820 21-30	L0820664351	21	30	129.3	129.5	52.0	51.0	
NS820 21-35	L0820664361	21	35	129.3	129.5	52.0	51.0	
NS820 21-40	L0820664371	21	40	129.3	129.5	52.0	51.0	
NS820 21-45	L0820664381	21	45	129.3	129.5	52.0	51.0	
NS820 23-25	L0820662531	23	25	141.2	142.0	52.0	51.0	
NS820 23-30	L0820662541	23	30	141.2	142.0	52.0	51.0	
NS820 23-35	L0820662551	23	35	141.2	142.0	52.0	51.0	
NS820 23-40	L0820662561	23	40	141.2	142.0	52.0	51.0	
NS820 23-45	L0820662571	23	45	141.2	142.0	52.0	51.0	
NS820 25-25	L0820665361	25	25	153.2	154.2	54.0	58.5	
NS820 25-30	L0820665371	25	30	153.2	154.2	54.0	58.5	
NS820 25-35	L0820665381	25	35	153.2	154.2	54.0	58.5	
NS820 25-40	L0820665391	25	40	153.2	154.2	54.0	58.5	
NS820 25-45	L0820665401	25	45	153.2	154.2	54.0	58.5	
INCH BORES								
NS820 21-1	L0820664391	21	1.00"	129.3	129.5	52.0	51.0	60
NS820 21-1/4	L0820664411	21	1.25"	129.3	129.5	52.0	51.0	
NS820 23-1	L0820662741	23	1.00"	141.2	142.0	52.0	51.0	
NS820 23-1/4	L0820662761	23	1.25"	141.2	142.0	52.0	51.0	
NS820 25-1	L0820665611	25	1.00"	153.2	154.2	54.0	58.5	
NS820 25-1/4	L0820665631	25	1.25"	153.2	154.2	54.0	58.5	

For steel chain series (optional): 812 (except TAB and mini hinge), 815 single hinge straight run, single hinge Magnetflex

For plastic chain series: 820, SH; Note: not suitable for 831 and SHD.

Ask Customer service for minimum order quantity of sprockets with inch bores.

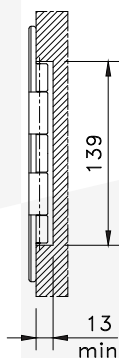
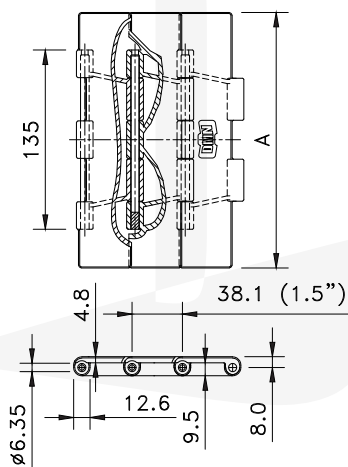

Idler For 820 Series


Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter E	Outside diameter F	Width (Teeth) C	Hub width A	Hub diameter H
			B					
			mm/inch	mm	mm	mm	mm	mm
METRIC BORES								
NXT820 15-25	L0820662461	15	25	--	95.5	55.0	92.0	40
NXT820 15-30	L0820662471	15	30	--	95.5	55.0	92.0	40
NXT820 17-25	L0820661701	17	25	--	106.5	53.0	57.0	42
NXT820 17-30	L0820661711	17	30	--	106.5	53.0	57.0	42
NXT820 18-25	L0820661801	18	25	--	113.0	57.0	92.0	40
NXT820 18-30	L0820661811	18	30	--	113.0	57.0	92.0	40
NXT820 19-25	L0820661471	19	25	--	118.0	57.0	57.0	42
NXT820 19-30	L0820661481	19	30	--	118.0	57.0	57.0	42
NXT820 19-40	L0820661491	19	40	--	118.0	57.0	57.0	51
NXT820 21-25	L0820662091	21	25	--	130.0	60.0	61.5	35
NXT820 21-30	L0820662101	21	30	--	130.0	60.0	61.5	40
NXT820 21-35	L0820662121	21	35	--	130.0	60.0	61.5	45
NXT820 21-40	L0820662111	21	40	--	130.0	60.0	61.5	50
NXT820 23-25	L0820661821	23	25	--	142.5	59.5	61.5	35
NXT820 23-30	L0820661831	23	30	--	142.5	59.5	61.5	40
NXT820 23-35	L0820661861	23	35	--	142.5	59.5	61.5	45
NXT820 23-40	L0820661841	23	40	--	142.5	59.5	61.5	50
NXT820 25-25	L0820661721	25	25	--	154.5	59.0	61.5	35
NXT820 25-30	L0820661731	25	30	--	154.5	59.0	61.5	40
NXT820 25-35	L0820661741	25	35	--	154.5	59.0	61.5	45
NXT820 25-40	L0820661751	25	40	--	154.5	59.0	61.5	50
INCH BORES								
NXT820 21-1	L0820619132	21	1.00"	--	130.0	60.0	61.5	35
NXT820 21-1/4	L0820688801	21	1.25"	--	130.0	60.0	61.5	40
NXT820 21-1/2	L0820688811	21	1.50"	--	130.0	60.0	61.5	45
NXT820 23-1/4	L0820661891	23	1.25"	--	142.5	59.5	61.5	40
NXT820 23-1/2	L0820661881	23	1.50"	--	142.5	59.5	61.5	45
NXT820 25-1	L0820619142	25	1.00"	--	154.5	59.0	61.5	35
NXT820 25-1/4	L0820661761	25	1.25"	--	154.5	59.0	61.5	40
NXT820 25-1/2	L0820661771	25	1.50"	--	154.5	59.0	61.5	45

For steel chain series : 812 (mini hinge), 815, 881 (except TAB), 8811 (except TAB)

For plastic chain series: 879-Bevel, 880-Bevel, 820, 831, SH, SHD, RHM, RHMD, RHMP, RHMDP, SHP

STRAIGHT RUN DOUBLE HINGE

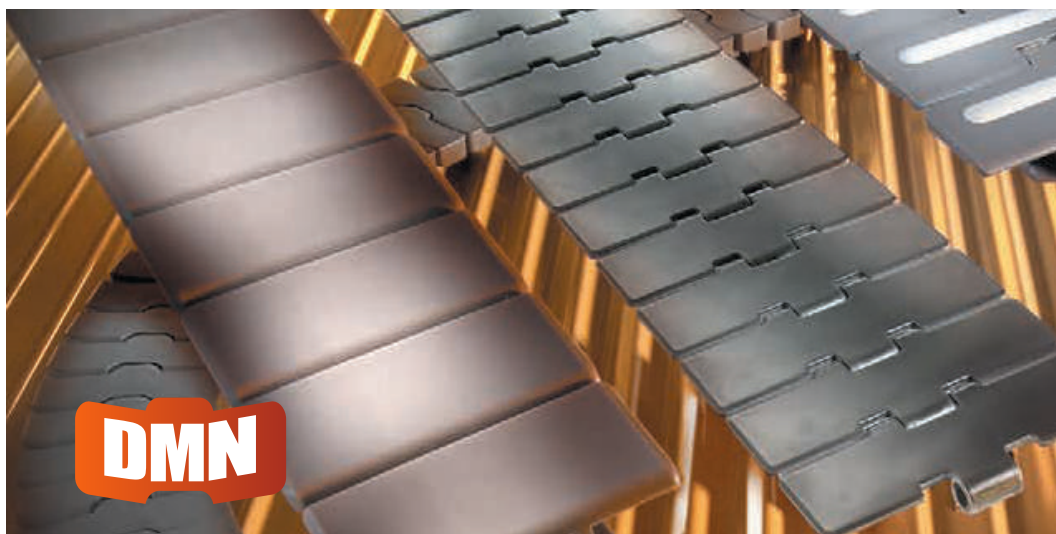


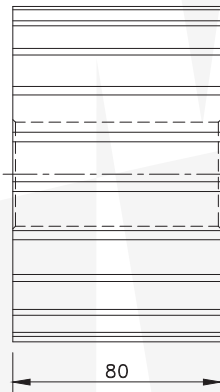
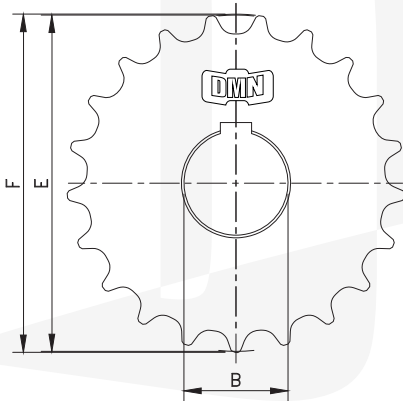
Standard length: 3.048 m - 10 feet (80 links).

Ask customer service for minimum order quantity.



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XL-ACETAL							
SWH 750 XL	750.72.77	190.5	7.50	2.48	2680	50	4.8
SWH 1000 XL	750.72.91	254.0	10.00	2.82			
SWH 1200 XL	750.72.92	304.8	12.00	3.12			
LF-ACETAL							
LF 821-K750	L0821603931	190.5	7.50	2.50	2680	50	4.8
LF 821-K1000	L0821603941	254.0	10.00	2.95			
LF 821-K1200	L0821603951	304.8	12.00	3.25			
HP-ACETAL							
HP 821-K750	L0821613161	190.5	7.50	2.50	2680	50	4.8
HP 821-K1000	L0821613171	254.0	10.00	2.95			
HP 821-K1200	L0821613181	304.8	12.00	3.25			
PS-ACETAL							
SWH 750 PS	750.10.08	190.5	7.50	2.48	2680	50	4.8
WX-POLYAMIDE COMPOSITE							
WX 821-K750	L0821602503*	190.5	7.50	2.50	2680	50	4.8

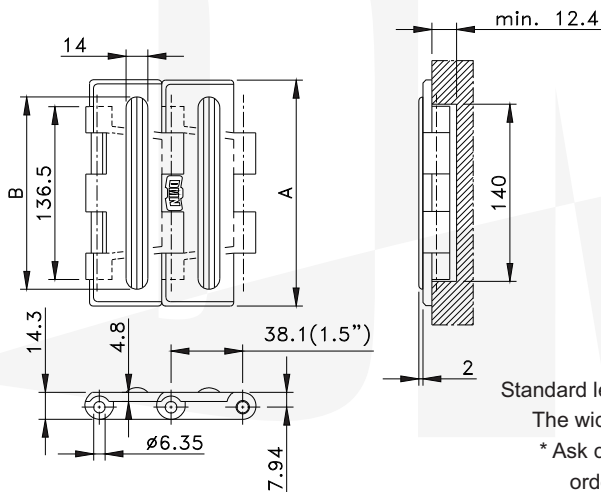


Sprocket for 821 Series


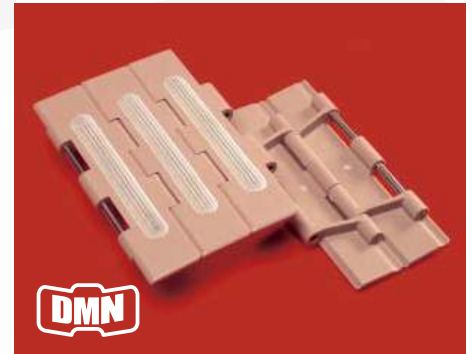
Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter E	Outside diameter F	Width (Teeth) C	Hub width A	Hub diameter H	
			B						
			mm	mm	mm	mm	mm	mm	
CLASSIC SPROCKETS AND IDLERS, MACHINED - KU 821									
SPROCKETS, METRIC BORES									
KU821 19-25	753.94.07	19	25	117.3	116.3	80.0	-	-	
KU821 19-30	753.94.08	19	30						
KU821 19-35	753.94.09	19	35						
KU821 19-40	753.94.10	19	40						
KU821 19-50	753.94.11	19	50						
KU821 21-25	753.94.13	21	25	129.3	130.0				
KU821 21-30	753.94.14	21	30						
KU821 21-35	753.94.15	21	35						
KU821 21-40	753.94.16	21	40						
KU821 21-50	753.94.17	21	50						
KU821 23-25	753.94.19	23	25	141.2	141.9				
KU821 23-30	753.94.20	23	30						
KU821 23-35	753.94.21	23	35						
KU821 23-40	753.94.22	23	40						
KU821 23-50	753.94.23	23	50						
KU821 25-25	753.94.25	25	25	153.2	153.9				
KU821 25-30	753.94.26	25	30						
KU821 25-35	753.94.27	25	35						
KU821 25-40	753.94.28	25	40						
KU821 25-50	753.94.29	25	50						
KU821 27-25	753.94.31	27	25	165.2	165.9				
KU821 27-30	753.94.32	27	30						
KU821 27-35	753.94.33	27	35						
KU821 27-40	753.94.34	27	40						
KU821 27-50	753.94.35	27	50						
KU821 29-25	753.94.37	29	25	177.2	178.0				
KU821 29-30	753.94.38	29	30						
KU821 29-35	753.94.39	29	35						
KU821 29-40	753.94.40	29	40						
KU821 29-50	753.94.41	29	50						

Standard length: 3.048 m - 10 feet (80 links) The width (B) of the rubber varies per chain type: 132, 195 and 245 mm for respectively HFP 821-K750, HFP 821-K1000 and HFP 821-K1200.

* Ask customer service for minimum order quantity of HFP chains.



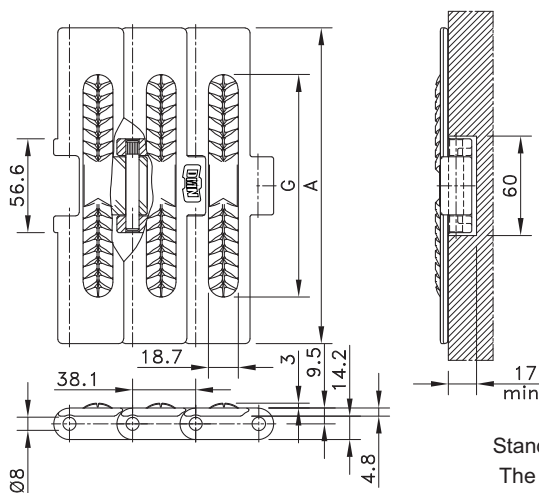
STRAIGHT RUN DOUBLE HINGE



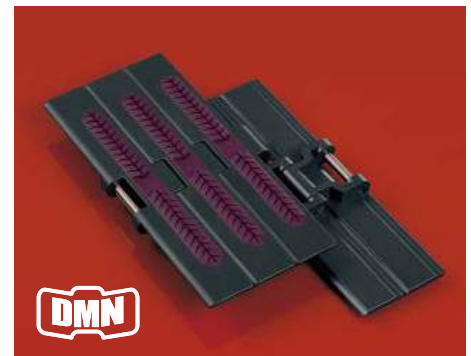
Standard length: 3.048 m - 10 feet (80 links)
The width (B) of the rubber varies per
* Ask customer service for minimum
order quantity of HFP chains.

Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
LF-ACETAL							
HFP 821-K750	L0821683171*	190.5	7.50	2.50	2680	40	4.8
HFP 821-K1000	L0821688301*	254.0	10.00	2.95			
HFP 821-K1200	L0821688511*	304.8	12.00	3.25			

PLASTIC TABLETOP CHAIN WITH RUBBER TOP



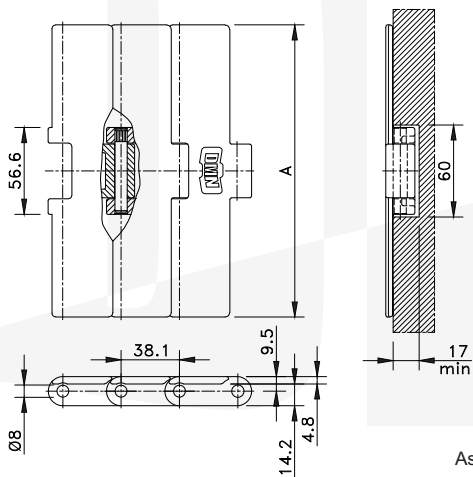
STRAIGHT RUN HEAVY DUTY SUPERGRIP



Standard length: 3.048 m - 10 feet (80 links)
The width (G) of the moulded-in rubber top
varies per chain type:

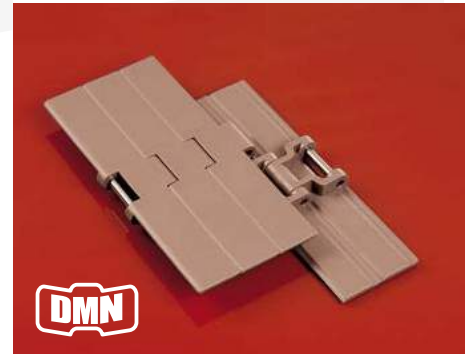
92, 134, 192 and 252.5 mm for respectively HDS 450 SG, HDS 750 SG, HDS 1000 SG and HDS 1200 SG.

Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
PBT							
SWH 750 SG	780.11.77	190.5	7.50	2.29	2680	50	4.8
SWH 1000 SG	780.11.90	254.0	10.00	2.67			
SWH 1200 SG	780.11.92	304.8	12.00	3.06			

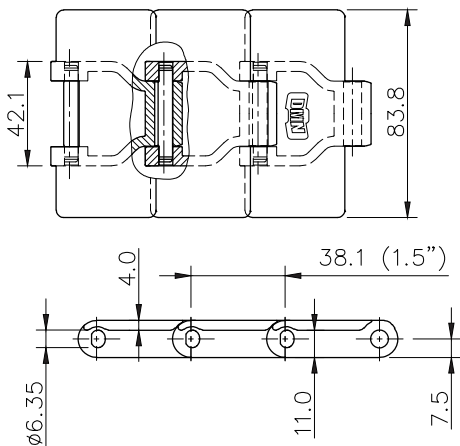
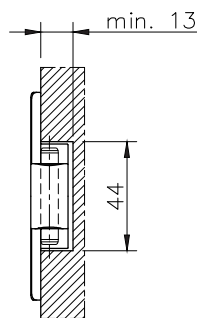


Standard length: 3.048 m - 10 feet (80 links).

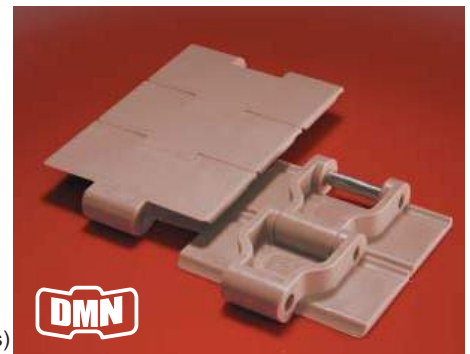
Ask customer service for minimum order quantity.

STRAIGHT RUN HEAVY DUTY


Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		mm	inch	kg/m	N (21°C)	mm	mm
XL-ACETAL							
HDS 750 XL	752.62.72	190.5	7.50	2.16	3830	50	4.8
HDS 1000 XL	752.62.90	254.0	10.00	2.42			
HDS 1200 XL	752.62.92	304.8	12.00	2.69			


STRAIGHT RUN SINGLE HINGE SIDEFLEX JOINT HINGE


Standard length: 3.048 m - 10 feet (80 links)



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XL-ACETAL							
SHP 325 XL	750.10.22	82.5	3.25	0.94	2100	50	4.0
SHP 84 XL	750.12.35	83.8	3.30	0.94			
PS-ACETAL							
SHP 325 PS	750.10.23	82.5	3.25	0.94	2100	50	4.0
SHP 84 PS	750.10.01	83.8	3.30	0.94			

Sprockets For 821 Series

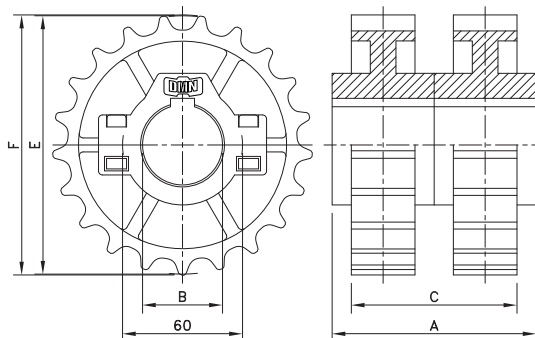
Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Width (Teeth)	Hub width	Hub diameter
			B mm	E mm	D mm	C mm	A mm	H mm

SPLIT SPROCKETS AND IDLERS, INJECTION MOULDED - NS/NSX 821

METRIC BORES

NSX821 25-30	L0821665721	25	30	153.2	154.2		117.0	60
NSX821 25-35	L0821665751	25	35					

For plastic chain series: 821, SWH



SPROCKETS

Sprockets For 879 - 880 Series

Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Width (Teeth)	Hub width	Hub diameter
			B mm	E mm	D mm	C mm	A mm	H mm

SPLIT SPROCKETS INJECTION MOULDED - NSH 880

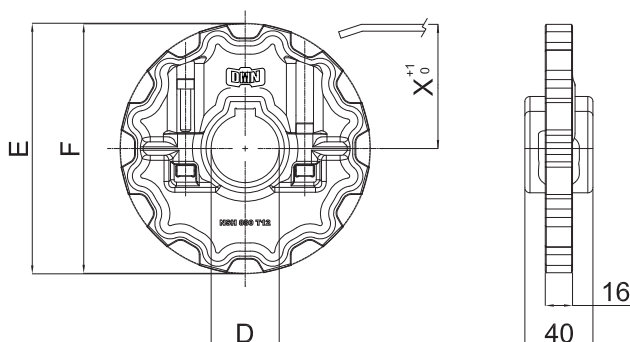
SPROCKETS, METRIC BORES

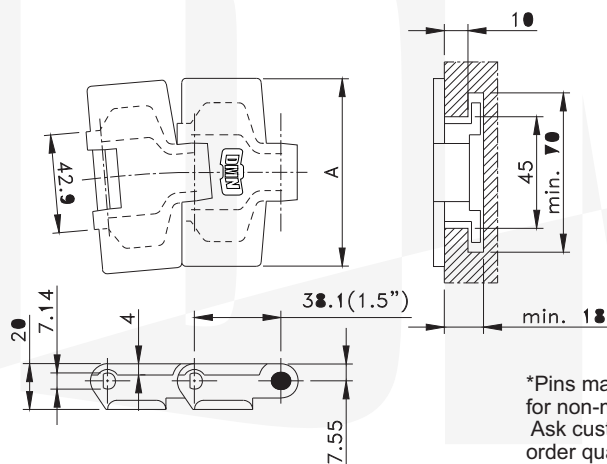
NSH880 12-40	751.90.02	12	40	147.2	147.4	15.9	58.5	60
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SPROCKETS, INCH BORES

NSH880 12-1/2"	751.90.05	12	1.5"	147.2	147.4	15.9	58.5	60
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For plastic chain series: 879, 880, RH, RHD, RHM, RHMD, RHMP, RHMDP, SHP

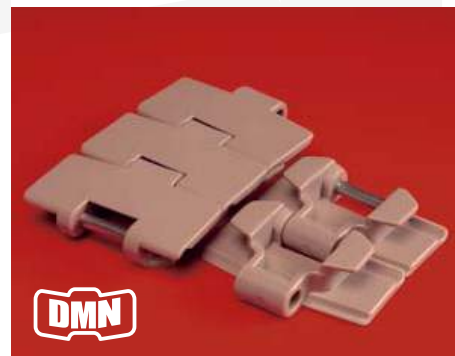


STANDARD RADIUS SINGLE HINGE TAB


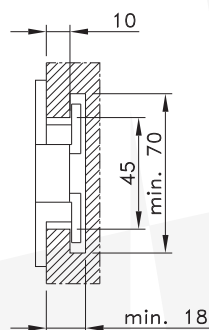
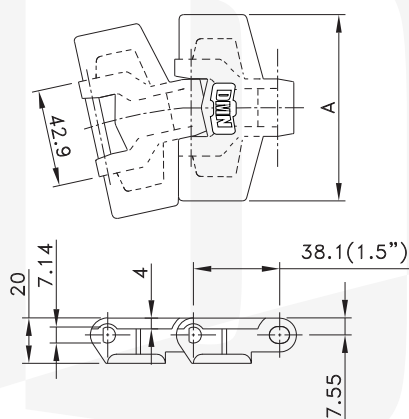
*Pins made of black reinforced polyamide for non-magnetic or chemical applications. Ask customer service for minimum order quantity.

** Pins made of stainless steel for non-magnetic applications.

Standard length: 3.048 m - 10 feet (80 links)



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XL-ACETAL								
RH 325 XL	751.42.31	82.5	3.25	0.94	457	2100	50	4.0
RH 450 XL	751.42.42	114.3	4.50	1.08				
LF-ACETAL								
LF 880 TAB-K325	L0880604031	82.5	3.25	0.94	457	2100	40	4.0
LF 880 TAB-K325 plastic pin*	L0880632221	82.5	3.25	0.74		1050		
LF 880 TAB-K325 non-magnetic pin**	L0880683712	82.5	3.25	0.94		2100		
LF 880 TAB-K343	L0880667941	87.0	3.43	1.01				
LF 880 TAB-K350	L0880641151	88.9	3.50	1.01	500			
LF 880 TAB-K450	L0880604041	114.3	4.50	1.08				
LF 880 TAB-K450 plastic pin*	L0880648371	114.3	4.50	0.91		1050		
LF 880 TAB-K450 non-magnetic pin**	L0880605273	114.3	4.50	1.08	2100			
PS-ACETAL								
RH 325 PS	751.10.03	82.5	3.25	0.94	457	2100	40	4.0
PS 880 TAB-K325	L0880606723	82.5	3.25	0.94				
PS 880 TAB-K325 non-magnetic pin**	L0880612863	82.5	3.25	0.94				
PS 880 TAB-K343	L0880616043	87.0	3.43	1.01	500			
PS 880 TAB-K450	L0880608503	114.3	4.50	1.08				
PS 880 TAB-K450 non-magnetic pin**	L0880620573	114.3	4.50	1.08				
WX-POLYAMIDE COMPOSITE								
WX 880 TAB-K325	L0880613512	82.5	3.25	0.94	457	2100	40	4.0
WX 880 TAB-K450	L0880639662	114.3	4.50	1.08	500			
HP-ACETAL								
HP 880 TAB-K325	L0880613141	82.5	3.25	0.94	457	2100	40	4.0
HP 880 TAB-K325 non-magnetic pin**	L0880613093	82.5	3.25	0.94				
HP 880 TAB-K450	L0880613151	114.3	4.50	1.08	500			
HP 880 TAB-K450 non-magnetic pin**	L0880620563	114.3	4.50	1.08				

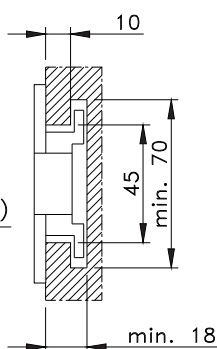
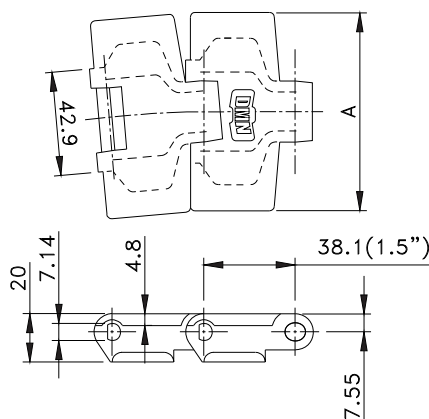


Standard length: 3.048 m - 10 feet (80 links)

* Ask customer service for minimum order quantity.

SMALL RADIUS SINGLE HINGE TAB

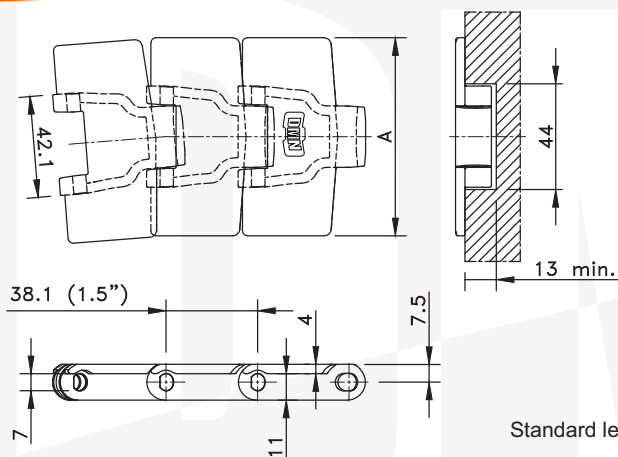
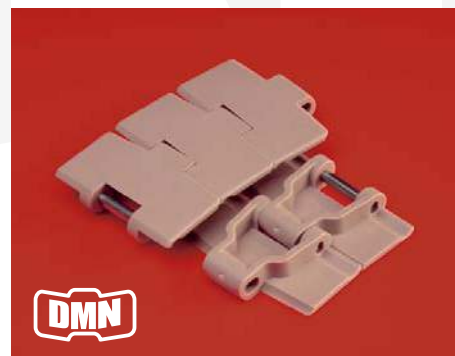

Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		mm	inch					
LF-ACETAL								
LF 880 TAB BO-K325	L0880604061	82.5	3.25	0.96	190	1680	40	4.0
LF 880 TAB BO-K450	L0880688981	114.3	4.50	1.11				
HP-ACETAL								
HP 880 TAB BO-K325	L0880649241	82.5	3.25	0.96	190	1680	40	4.0
HP 880 TAB BO-K450	81410922	114.3	4.50	1.11				
WX-POLYAMIDE COMPOSITE								
WX 880 TAB BO-K325	L0880699072*	82.5	3.25	0.96	190	1680	40	4.0

PLASTIC TABLETOP CHAIN


Standard length: 3.048 m - 10 feet (80 links)

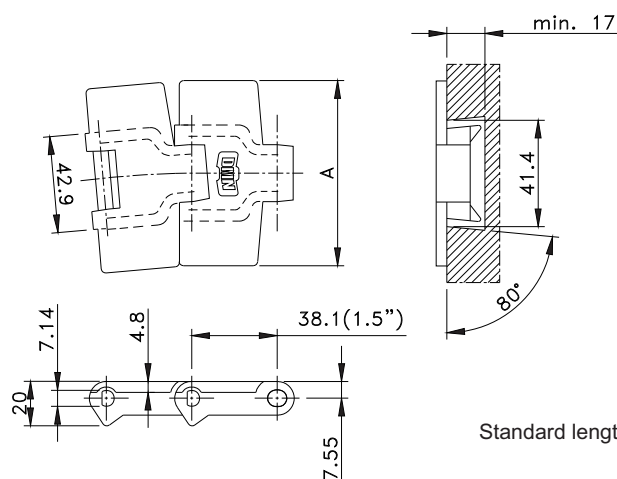
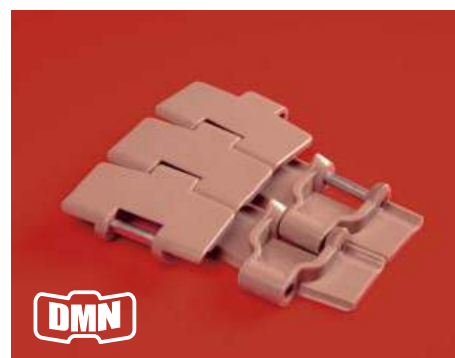
**STANDARD RADIUS SINGLE HINGE
TAB WITH THICK TOP PLATE**


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XL-ACETAL								
RHD 325 XL	751.62.31	82.5	3.25	0.98	457	2100	50	4.8
RHD 450 XL	751.62.42	114.3	4.50	1.14	610			
LF-ACETAL								
LF 879 TAB-K325	L0879604071	82.5	3.25	0.98	457	2100	40	4.8
LF 879 TAB-K450	L0879604081	114.3	4.50	1.14	610			
WX-POLYAMIDE COMPOSITE								
WX 879 TAB-K450	L0879676002	114.3	4.50	1.14	610	2100	40	4.8


MAGNETFLEX®


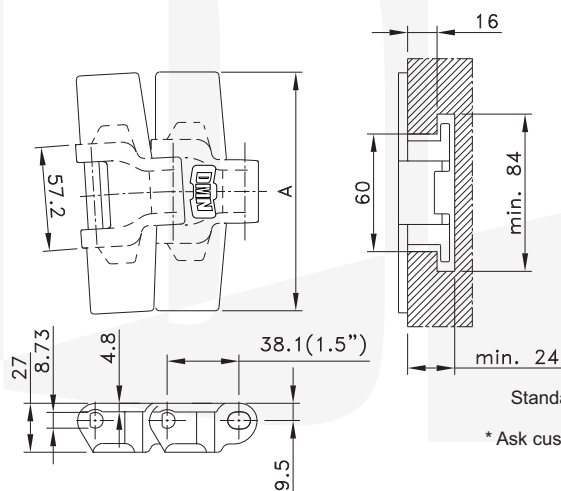
Standard length: 3.048 m - 10 feet (80 links)

Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch					
XL-ACETAL								
RHMP 325 XL	781.10.07	82.5	3.25	0.82	500	2100	50	4.0
RHMP 84 XL	781.10.13	83.8	3.30	0.82				
RHM 350 XL	781.12.32	88.9	3.50	1.10	457			
RHM 450 XL	781.12.42	114.3	4.50	1.16				
PS-ACETAL								
RHMP 325 PS	781.10.08	82.5	3.25	0.82	500	2100	50	4.0
RHMP 84 PS	781.10.14	83.8	3.30	0.82				
WX-POLYAMIDE COMPOSITE								
RHMP 84 WX	781.10.15	83.8	3.30	0.82	500	2100	50	4.0
HP-ACETAL								
RHMP 325 HP	781.10.20	82.5	3.25	0.82	500	2100	50	4.0

PLASTIC TABLETOP CHAIN

**STANDARD RADIUS SINGLE HINGE BEVEL
WITH THICK TOP PLATE**


Standard length: 3.048 m - 10 feet (80 links)

Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		mm	inch					
		mm	inch	kg/m	mm	N (21°C)	mm	mm
LF-ACETAL								
LF 879-K325	LF879K3-1/4	82.5	3.25	0.89	457	2100	40	4.8
LF 879-K450	LF879K4-1/2	114.3	4.50	1.04				
WX-POLYAMIDE COMPOSITE								
WX 879-K450	81428412	114.3	4.50	1.04	457	2100	40	4.8

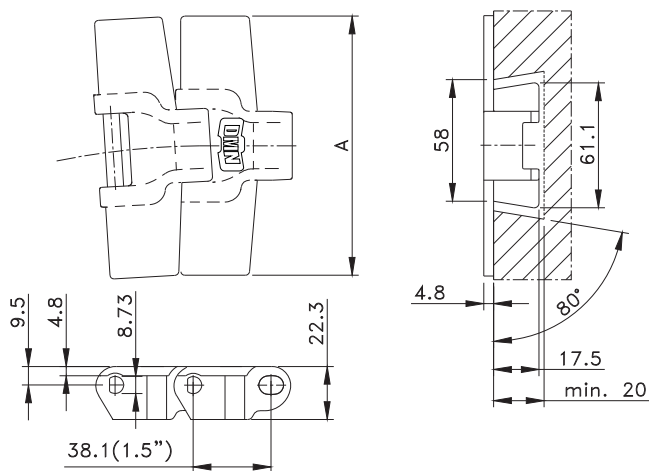
SIDEFLEX TAB HEAVY DUTY


Standard length: 3.048 m – 10 feet (80 links)

* Ask customer service for minimum order quantity.



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
LF-ACETAL								
LF 882 TAB-K325	81402575*	82.5	3.25	1.86	610	3830	40	4.8
LF 882 TAB-K450	L0882604141	114.3	4.50	1.98				
LF 882 TAB-K750	L0882604151	190.5	7.50	2.43				
LF 882 TAB-K1000	L0882604161	254.0	10.00	2.87				
LF 882 TAB-K1200	L0882604171	304.8	12.00	3.41				

PLASTIC TABLETOP CHAIN
SIDEFLEX BEVEL HEAVY DUTY


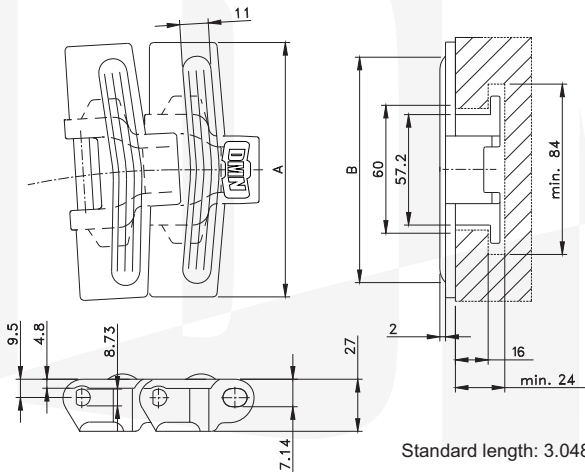
Standard length: 3.048 m - 10 feet (80 links)

* Ask customer service for minimum order quantity.



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
LF-ACETAL								
LF 882-K450	LF882K4-1/2*	114.3	4.50	1.94	610	3830	40	4.8
LF 882-K750	LF882K7-1/2*	190.5	7.50	2.38				
LF 882-K1000	LF882K10	254.0	10.00	2.83				

STANDARD RADIUS HEAVY DUTY SINGLE HINGE TAB



Standard length: 3.048 m - 10 feet (80 links) The width (B) of the rubber varies per chain type: 132, 195 and 246 mm for respectively HFP 882 TAB-K750, HFP 882 TAB-K1000 and HFP 882 TAB-K1200.

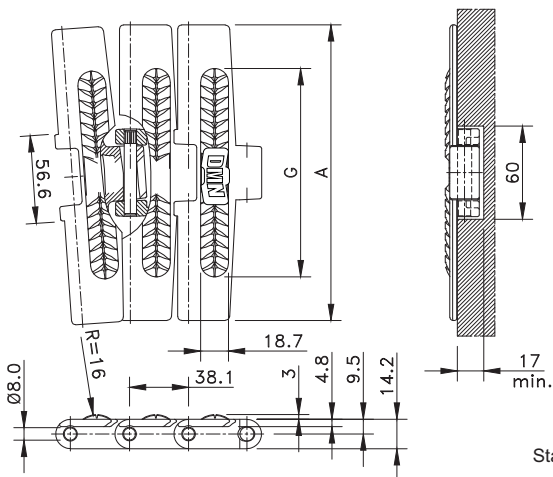
Other rubber patterns and materials are possible.



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
LF-ACETAL								
HFP 882 TAB-K750	L0882691681	190.5	7.50	2.43	610	3830	40	4.8
HFP 882 TAB-K1000	L0882692981	254.0	10.00	2.87				
HFP 882 TAB-K1200	L0882691811	304.8	12.00	3.41				

PLASTIC TABLETOP CHAIN WITH RUBBER TOP

MAGNETFLEX® HEAVY DUTY SUPERGRIP



Standard length: 3.048 m - 10 feet (80 links)



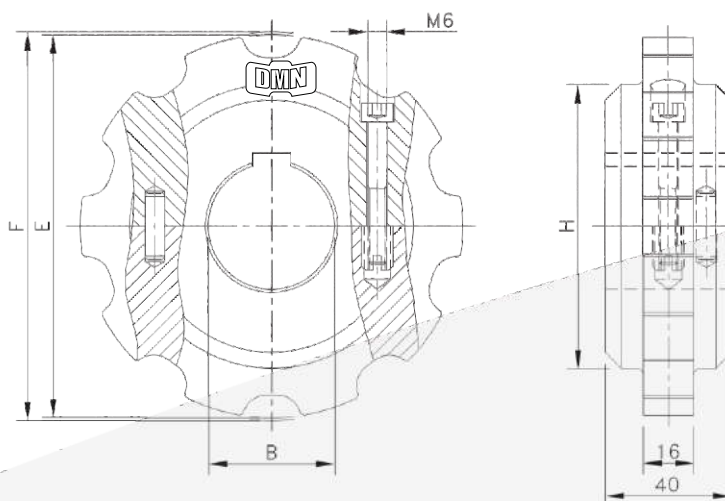
Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
PBT								
HDFM 750 SG	780.21.72	190.5	7.50	2.10	610	2700	50	4.8
HDFM 1000 SG	780.21.90	254.0	10.00	2.42				
HDFM 1200 SG	780.21.92	304.8	12.00	2.69				

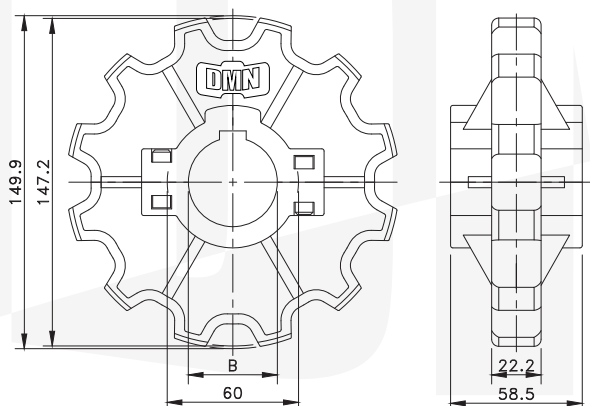
Sprockets For 879 - 880 Series

Sprocket type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter D	Width (Teeth) C	Hub width A	Hub diameter H							
SPLIT SPROCKETS AND IDLERS, MACHINED - SS/SI RH															
SPROCKETS, METRIC BORES															
SS RH 9-25	754.60.51	9	25	111.4	109.0	16.0	40.0	75							
SS RH 9-30	754.60.52	9	30												
SS RH 9-35	754.60.53	9	35												
SS RH 9-40	754.60.54	9	40												
SS RH 10-25	754.60.61	10	25	123.3	121.4			16.0	40.0	90					
SS RH 10-30	754.60.62	10	30												
SS RH 10-35	754.60.63	10	35												
SS RH 10-40	754.60.64	10	40												
SS RH 11-25	754.60.71	11	25	135.2	133.9						16.0	40.0	90		
SS RH 11-30	754.60.72	11	30												
SS RH 11-35	754.60.73	11	35												
SS RH 11-40	754.60.74	11	40												
SS RH 12-25	754.60.81	12	25	147.2	145.8					16.0				40.0	90
SS RH 12-30	754.60.82	12	30												
SS RH 12-35	754.60.83	12	35												
SS RH 12-40	754.60.84	12	40												
IDLERS, METRIC BORES															
SI RH 9-25	754.60.01	9	25	111.4	109.0	16.0	40.0						75		
SI RH 9-30	754.60.02	9	30												
SI RH 9-35	754.60.03	9	35												
SI RH 9-40	754.60.04	9	40												
SI RH 10-25	754.60.11	10	25	123.3	121.4			16.0	40.0				90		
SI RH 10-30	754.60.12	10	30												
SI RH 10-35	754.60.13	10	35												
SI RH 10-40	754.60.14	10	40												
SI RH 11-25	754.60.21	11	25	135.2	133.9						16.0	40.0			90
SI RH 11-30	754.60.22	11	30												
SI RH 11-35	754.60.23	11	35												
SI RH 11-40	754.60.24	11	40												
SI RH 12-25	754.60.31	12	25	147.2	145.8					16.0			40.0	90	
SI RH 12-30	754.60.32	12	30												
SI RH 12-35	754.60.33	12	35												
SI RH 12-40	754.60.34	12	40												



For plastic chain series: 879, 880, RH, RHD, RHM, RHMD, RHMP, RHMDP, SHP

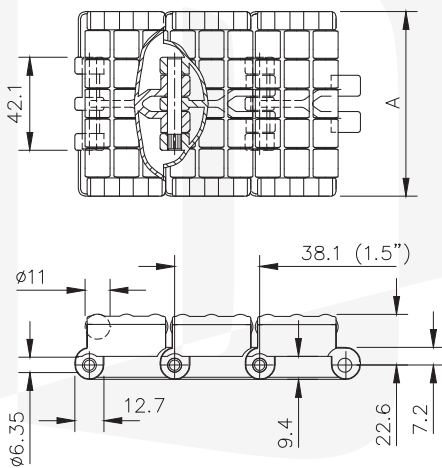


SPROCKETS for chain series: 882, 883, HDF, HDFM, HDS


Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Width (Teeth) mm	Hub width mm	Hub diameter H mm
SPLIT SPROCKETS AND IDLERS, INJECTION MOULDED - NS(X) 882								
SPROCKETS, METRIC BORES								
NS882 12-25	L0882663551	12	25	147.2	149.9	22.2	58.5	60
NS882 12-30	L0882663561	12	30					
NS882 12-35	L0882663571	12	35					
NS882 12-40	L0882663581	12	40					
NS882 12-45	L0882663591	12	45					
SPROCKETS, INCH BORES								
NS882 12-1	L0882663601	12	1.000"	147.2	149.9	22.2	58.5	60
NS882 12-1¼	L0882619072	12	1.250"					
NS882 12-1½	L0882619082	12	1.500"					
NSX882 12-25	L0882663641	12	25	147.2	149.9	22.2	58.5	60
NSX882 12-30	L0882663651	12	30					
NSX882 12-35	L0882663661	12	35					
NSX882 12-40	L0882663671	12	40					

For plastic chain series: 882, 883, HDF, HDFM, HDS

* Ask Customer service for minimum order quantity of NS882 sprockets with inch bores.

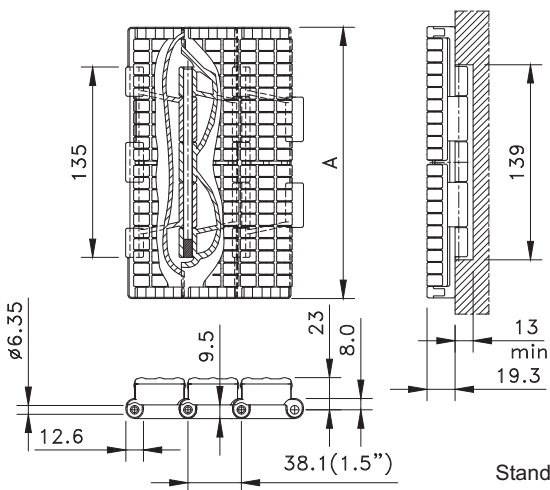


Standard length: 1.524 m - 5 feet (40 links)

STRAIGHT RUN SINGLE HINGE LBP



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XLA-ACETAL							
SHD 325 LBP	752.85.09	82.5	3.25	2.20	1230	400	4.8

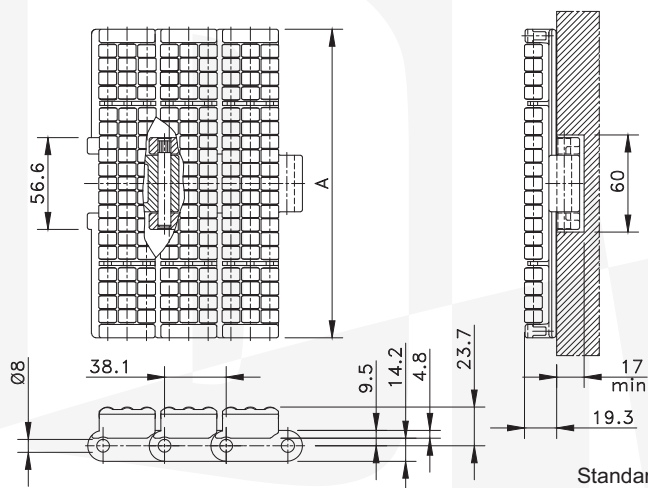


Standard length: 1.524 m - 5 feet (40 links)

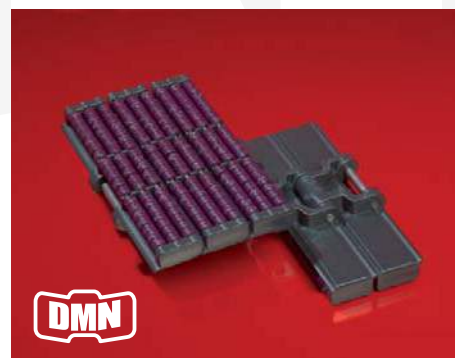
STRAIGHT RUN DOUBLE HINGE LBP



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XLA-ACETAL							
SWH 750 LBP	752.82.09	190.5	7.50	5.30	2680	300	4.8
SWH 1000 LBP	752.82.11	254.0	10.00	6.60			
SWH 1200 LBP	752.82.10	304.8	12.00	7.85			



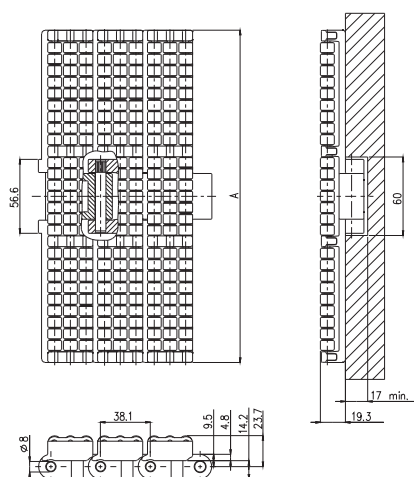
STRAIGHT RUN HEAVY DUTY LBP



Standard length: 1.524 m - 5 feet (40 links)

Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch				
kg/m							
N (21°C)							
mm							
mm							
XLA-ACETAL							
HDS 750 LBP	752.81.13	190.5	7.50	4.28	3830	200	4.8

PLASTIC TABLETOP CHAIN WITH LBP



STRAIGHT RUN HEAVY DUTY LBP

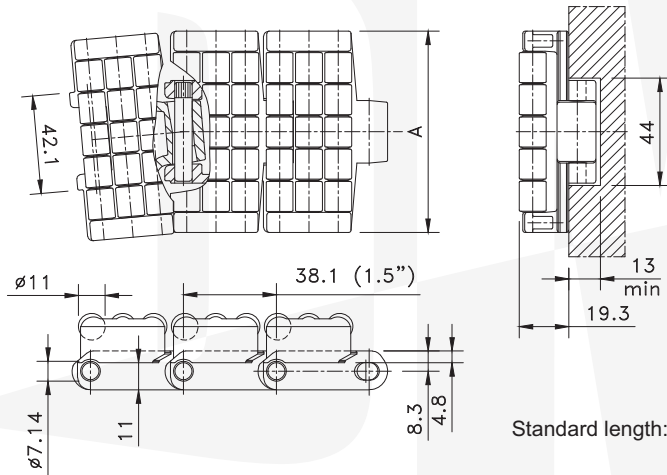


Standard length: 1.524 m – 5 feet (40 links)

* Ask customer service for minimum order quantity of sprockets with inch bores

Chain type	Code nr.	Plate width		Weight	Working load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch	kg/m	N (21°C)	mm	mm
XLA-ACETAL					3830	200	4.8
HDS 1000 LBP	752.81.19	254.0	10.00	5.23			
HDS 1200 LBP	752.81.20	304.8	12.00	5.83			

MAGNETFLEX® LBP



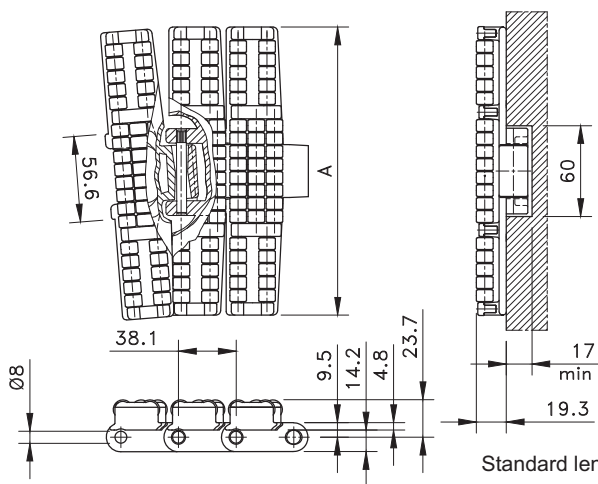
Standard length: 1.524 m - 5 feet (40 links)



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLA-ACETAL								
RHMD 325 LBP	752.87.09	82.5	3.25	2.29	500	2100	400	4.8

PLASTIC TABLETOP CHAIN WITH LBP

MAGNETFLEX® HEAVY DUTY LBP

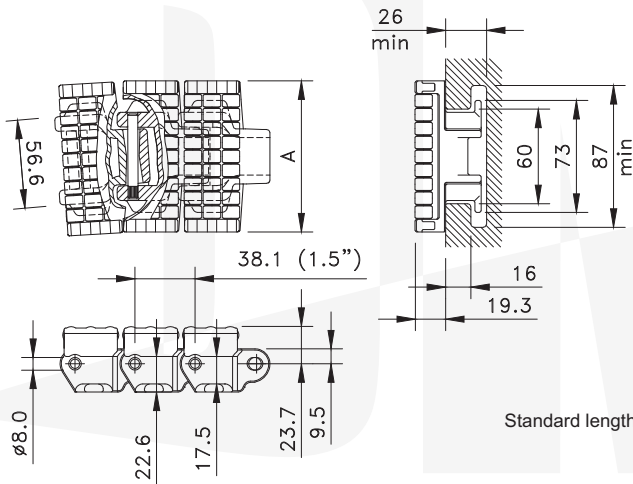


Standard length: 1.524 m - 5 feet (40 links)



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLA-ACETAL								
HDFM 750 LBP	752.88.13	190.5	7.50	4.28	610	3830	200	4.8
HDFM 1000 LBP	752.88.19	254.0	10.00	5.23				
HDFM 1200 LBP	752.88.20	304.8	12.00	5.83	680			

SIDEFLEX HEAVY DUTY TAB LBP



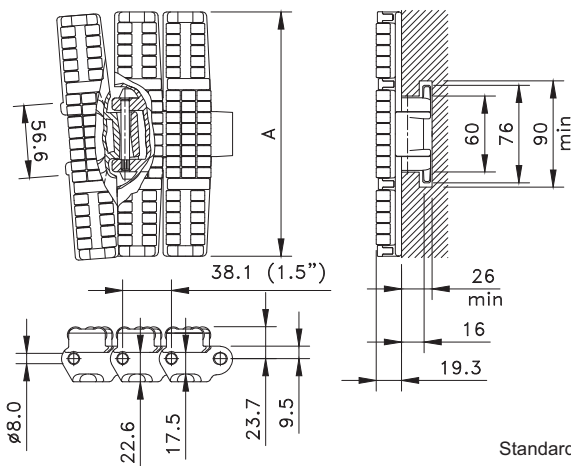
Standard length: 1.524 m - 5 feet (40 links)



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLA-ACETAL								
HDF 375 LBP	752.89.09	95.3	3.75	3.30	667	3830	200	4.8

PLASTIC TABLETOP CHAIN WITH LBP

SIDEFLEX HEAVY DUTY TAB LBP

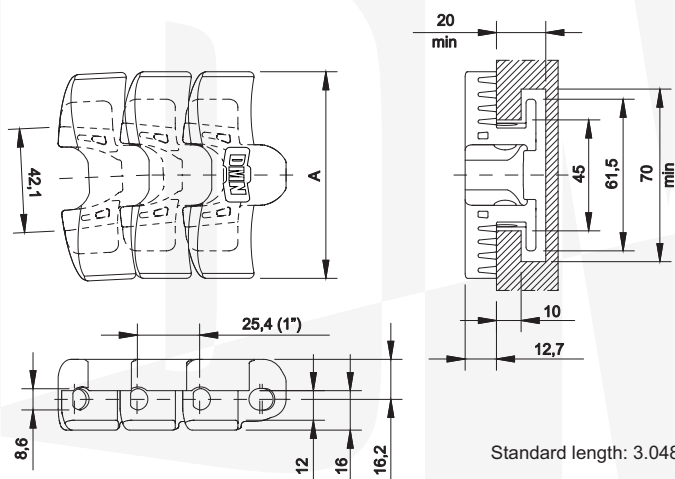


Standard length: 1.524 m - 5 feet (40 links)

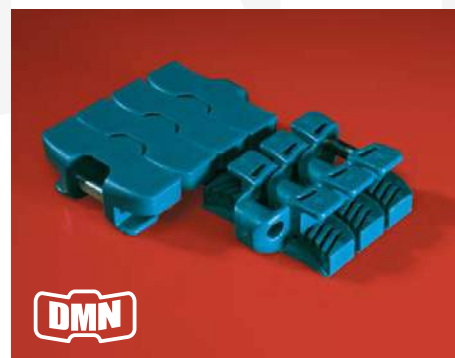


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLA-ACETAL								
HDF 750 LBP	752.89.13	190.5	7.50	4.50	610	3830	200	4.8
HDF 1000 LBP	752.89.19	254.0	10.00	5.71				
HDF 1200 LBP	752.89.20	304.8	12.00	6.38	680			

FLAT TOP 1055 TAB

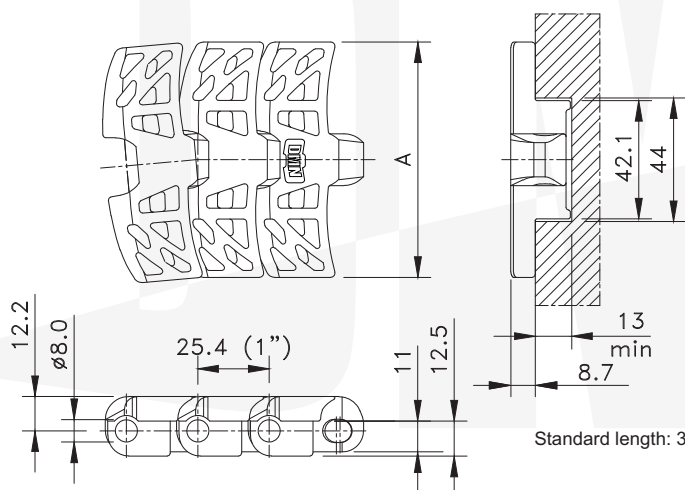


Standard length: 3.048 m - 10 feet (120 links).

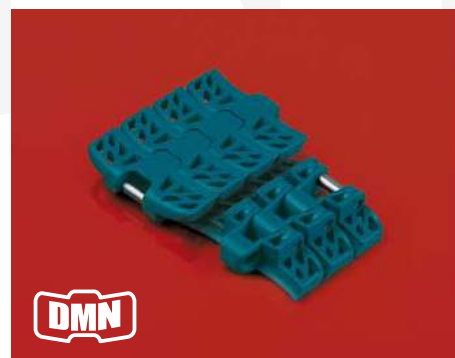


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLG-ACETAL								
FT 1055 XLG K330	749.71.31	83.8	3.30	2.13	500	2200	130	12.7
FT 1055 XLG K450	749.10.39	114.3	4.50	2.30	500	2200	130	12.7
WX-POLYAMIDE COMPOSITE								
FT 1055 WX K330	749.10.16	83.8	3.30	2.13	500	2200	130	12.7
FT 1055 WX K450	749.10.41	114.3	4.50	2.30	500	2200	130	12.7

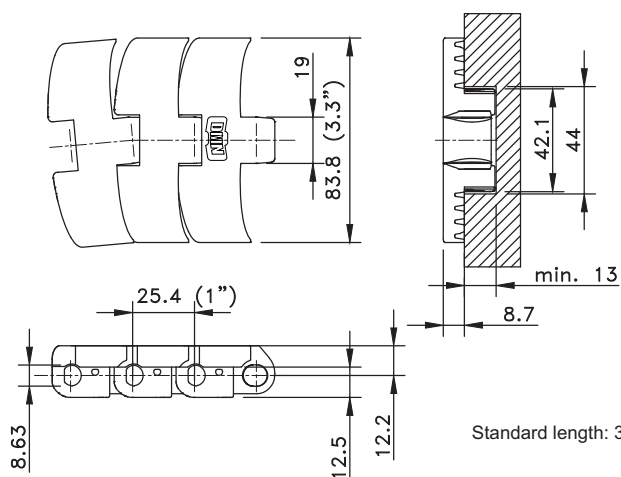


FLUSH GRID MAGNETFLEX® 1050


Standard length: 3.048 m - 10 feet (120 links).



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch					
		kg/m	mm	N (21°C)	mm			
XLG-ACETAL								
FGM 1050 XLG	749.11.31	83.8	3.30	1.54	500	1650	130	8.7
PS-ACETAL								
FGM 1050 PS	749.10.11	83.8	3.30	1.54	500	1650	130	8.7

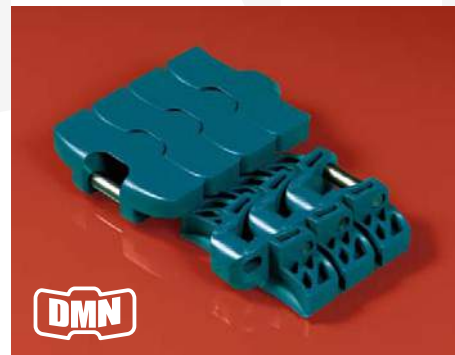
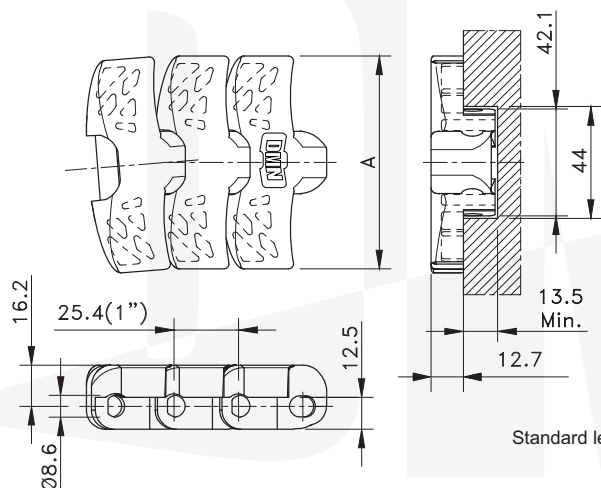
PLASTIC CHAIN
FLAT TOP MAGNETFLEX® 1060


Standard length: 3.048 m - 10 feet (120 links).



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch					
XLG-ACETAL								
FTM 1060 XLG	749.10.06	83.8	3.30	1.68	500	1900	130	8.7
PS-ACETAL								
FTM 1060 PS	749.10.07	83.8	3.30	1.68	500	1900	130	8.7
WX-POLYAMIDE COMPOSITE								
FTM 1060 WX	749.10.08	83.8	3.30	1.68	500	1900	130	8.7

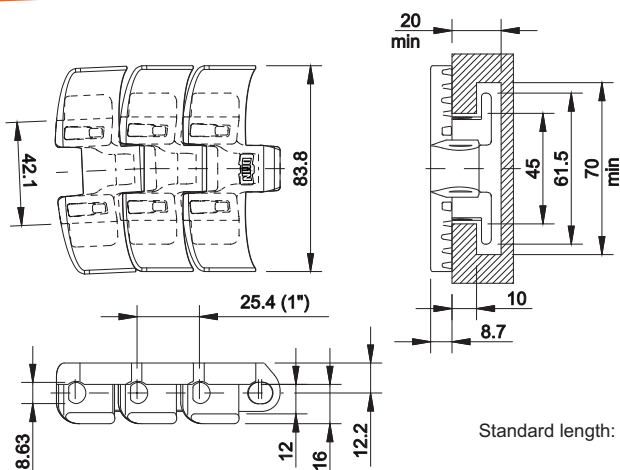
FLAT TOP MAGNETFLEX® 1055



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLG-ACETAL								
FTM 1055 XLG K330	749.41.31	83.8	3.30	1.90	500	2200	130	12.7
FTM 1055 XLG K450	749.41.42	114.3	4.50	2.20				
PS-ACETAL								
FTM 1055 PS K330	749.10.10	83.8	3.30	1.90	500	2200	130	12.7
WX-POLYAMIDE COMPOSITE								
FTM 1055 WX K330	749.49.31	83.8	3.30	1.90	500	2200	130	12.7
FTM 1055 WX K450	749.10.25	114.3	4.50	2.20				

PLASTIC CHAIN

FLAT TOP 1050 TAB

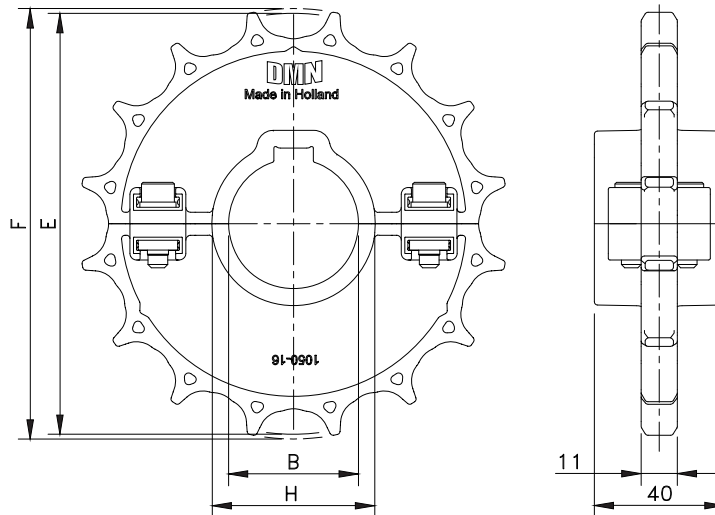


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch					
XLG-ACETAL								
FT 1050 XLG K330	749.61.31	83.8	3.30	1.93	500	1650	130	8.7
PS-ACETAL								
FT 1050 PS K330	749.10.12	83.8	3.30	1.93	500	1650	130	8.7
WX-POLYAMIDE COMPOSITE								
FT 1050 WX K330	749.10.30	83.8	3.30	1.93	500	1650	130	8.7

Sprockets For 1050-1055-1060 Series

Sprocket type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter D	Width (Teeth) C	Hub width A	Hub diameter H
SPROCKETS, METRIC BORES								
SSW 1050 16-30	749.82.23	16	30	131.2	130.9	11.0	40.0	40.0
SSW 1050 16-40	749.82.43	16	40	131.2	130.9	11.0	40.0	50.0
SSW 1050 18-30	749.82.25	18	30	147.2	146.8	11.0	40.0	40.0
SSW 1050 18-40	749.82.45	18	40	147.4	146.8	11.0	40.0	50.0
SPROCKETS, INCH BORES								
SSW 1050 16-1/2	749.82.23	16	1.500"	131.2	130.9	11.0	40.0	48.1
SSW 1050 18-1/2	749.82.25	18	1.500"	147.4	146.8	11.0	40.0	48.1
IDLERS, METRIC BORES								
SIW 1050-16-30	749.81.23	16	30	131.2	130.9	11.0	40.0	40.0
SIW 1050-16-40	749.81.43	16	40	131.2	130.9	11.0	40.0	50.0
SIW 1050-18-30	749.81.25	18	30	147.4	146.8	11.0	40.0	40.0
SIW 1050-18-40	749.81.45	18	40	147.4	146.8	11.0	40.0	50.0
IDLERS, INCH BORES								
SIW 1050-16-1/2	749.81.45	16	1.500"	131.2	130.9	11.0	40.0	48.1
SIW 1050-18-1/2	749.81.5	18	1.500"	147.4	146.8	11.0	40.0	48.1

For plastic chain series: 1050, 1055, 1060



In 2004 DMNbelt introduced the worlds best metal TableTop chain with integrated top plate and hinge eyes. Nowadays the DMN product lines of steel slatband chains offer many materials, types and grades, enabling a solution for any application. Metal slatband chains are ideal for handling glass bottles, PET containers, kegs, crates and many other products.

FEATURES

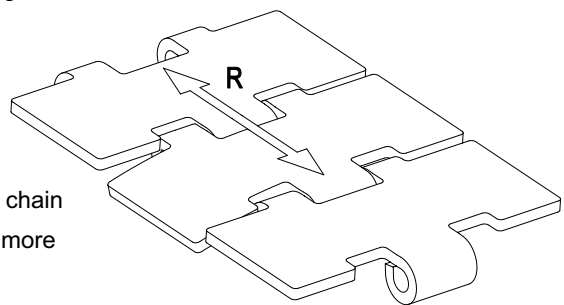


- Surface finish

When products are sliding on a chain, the bottom will affect the surface finish of the chain. DMNbelt tests have shown that during the first days after installation the initial surface finish is changing to a lower level that is maintained during the normal life of the chain. Surface finish is a valuable feature, although it is not the determining factor between good and great performance.

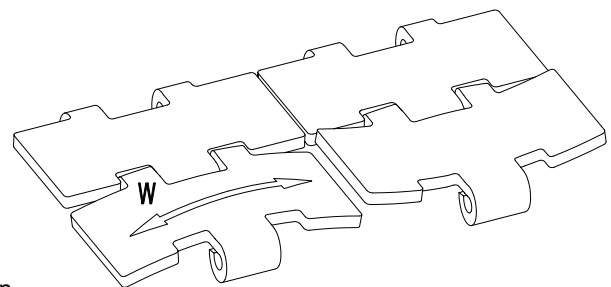
- Sliding properties

These depend on the base material and the treatments during the manufacturing process. To ensure superior sliding properties, DMNbelt uses chain materials, specifically designed for slatband chain applications. You can find more details on these materials on next page.



- Flatness

During the entire production process the flatness is measured in running direction (R) and in width direction (W). The flatness in width direction is important when products slide sideways from one chain to the other. For this reason the cross sections of all DMNbelt chains are convex instead of concave, to prevent products to fall. Due to the careful control in production, these chains offer superior lateral flatness values, which can be found in the tables on the page of each chain.



- Working load

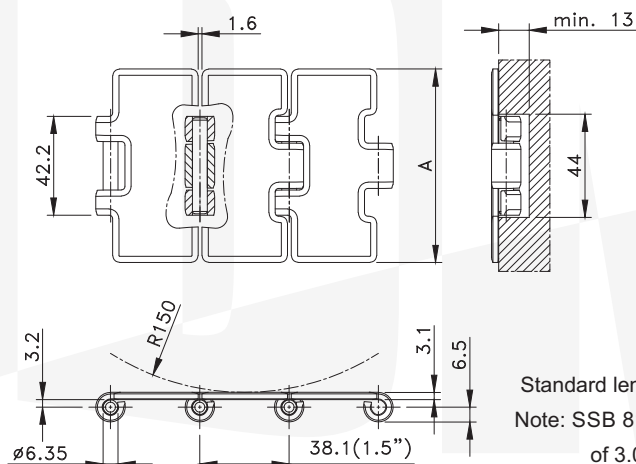
At which load a chain is actually breaking is not relevant to determine if a certain chain is suitable for your application. More important is the maximum working load a chain can handle before permanent deformation occurs. DMNbelt chain calculation program will assist in defining the right chain for specified applications, considering conveyor length, chain speed, accumulation level, lubrication, product type and weight.

- Polished hinge eyes

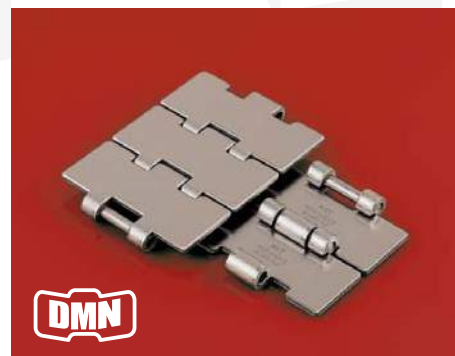
The performance of the chain on high-speed side-transfers, such as pressure-less combiners improves with polished hinge eyes, due to the smooth contact with the wearstrips. This prevents pulsating of the chain and improves product handling. Most DMNbelt sideflexing chains have polished hinge eyes, because these are always in contact with the curve. The specification table of each chain indicates whether a chain has polished hinge eyes.

- Hardened Pins

Hardened pin material reduces the chain elongation significantly. Special hardened pins will give the highest resistance to chain elongation over a long period of time. High quality 60-series HB metal TableTopR chain with Hardened Pins with improved wear resistance properties. Special 66-series XHB metal TableTop with special hardened pins to offer superior wear resistance properties.

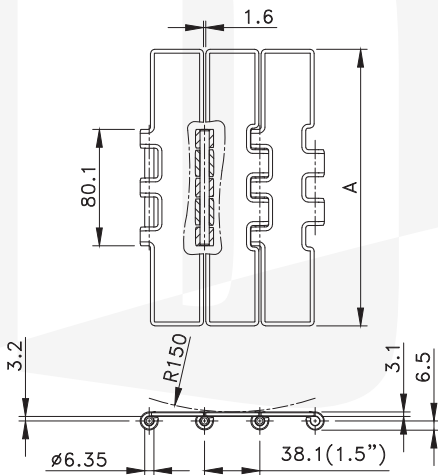


STRAIGHT RUN SINGLE HINGE



Standard length: 3.048 m - 10 feet (80 links)
Note: SSB 815 chains have a plate thickness of 3.0 mm instead of 3.1 mm.

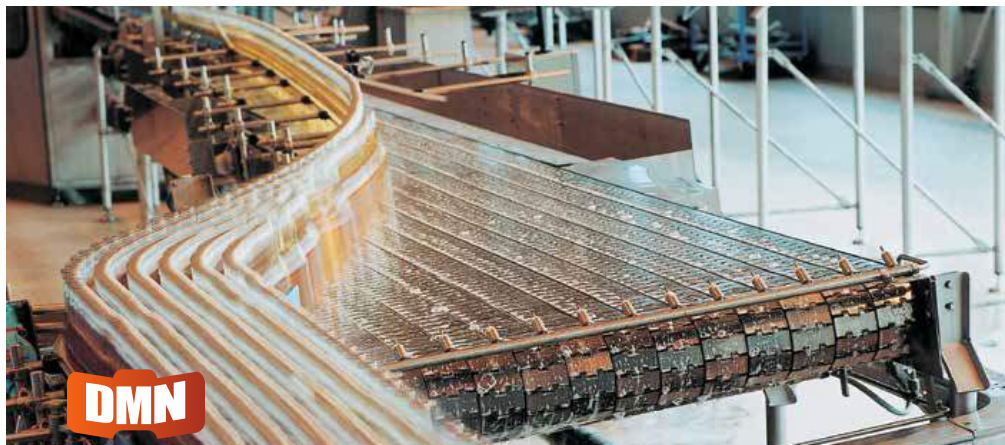
Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
60-SERIES HB							
60 S 31 XM HB	762.69.15	82.5	3.25	2.50	0.08	yes	6000
60 S 84 XM HB	762.69.14	83,8	3.30	2.52	0.08	yes	
66-SERIES XHB							
66 S 31 XM XHB	762.09.31	82.5	3.25	2.61	0.08	yes	6000
66 S 84 XM XHB	762.09.84	84.0	3.30	2.63	0.08	yes	
66 S 72 M	762.03.72	190.5	7.50	4.99	0.60	no	
OPTI-PLUS							
SSC 812-K250	10.006.21.05	63.5	2.50	2.14	0.18	no	6000
SSC 812-K263	10.006.21.08	66.7	2.63	2.27	0.18	no	
SSC 812-K300	10.006.21.10	76.2	3.00	2.43	0.18	no	
SSC 812-K325	10.006.21.11	82.5	3.25	2.61	0.18	no	
SSC 812-K330	10.006.21.20	84.0	3.30	2.63	0.18	no	
SSC 812-K350	10.006.21.12	88.9	3.50	2.71	0.18	no	
SSC 812-K400	10.006.21.13	101.6	4.00	3.17	0.25	no	
SSC 812-K450	10.006.21.14	114.3	4.50	3.28	0.25	no	
SSC 812-K600	10.006.21.15	152.4	6.00	4.14	0.40	no	
SSC 812-K750	10.006.21.16	190.5	7.50	4.99	0.60	no	
CARBON STEEL							
S 815-K225	762.93.21	57.2	2.25	2.12	0.40	no	8350
S 815-K250	762.93.22	63.5	2.50	2.14	0.40	no	
S 815-K263	762.93.25	66.7	2.63	2.27	0.40	no	
S 815-K325	762.93.31	82.5	3.25	2.61	0.40	no	
S 815-K400	762.93.40	101.6	4.00	3.17	0.50	no	
S 815-K450	762.93.42	114.3	4.50	3.28	0.60	no	
S 815-K600	762.93.60	152.4	6.00	4.14	0.80	no	
S 815-K750	762.93.72	190.5	7.50	4.99	0.90	no	
AUSTENITIC CHROME NICKEL							
SS 815-K225	762.33.21	57.2	2.25	2.12	0.18	no	3500
SS 815-K250	762.33.22	63.5	2.50	2.14	0.18	no	
SS 815-K263	762.33.25	66.7	2.63	2.27	0.18	no	
SS 815-K325	762.33.31	82.5	3.25	2.61	0.18	no	
SS 815-K350	762.33.32	88.9	3.50	2.71	0.18	no	
SS 815-K400	762.33.40	101.6	4.00	3.17	0.25	no	
SS 815-K450	762.33.42	114.3	4.50	3.28	0.25	no	
SS 815-K600	762.33.60	152.4	6.00	4.14	0.40	no	
SS 815-K750	762.33.72	190.5	7.50	4.99	0.60	no	

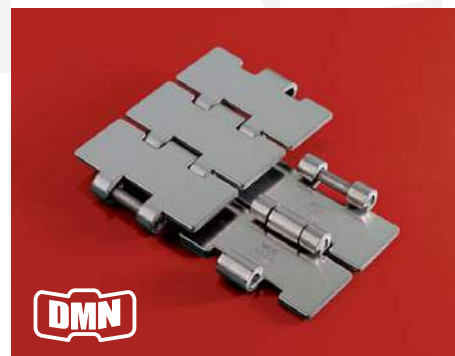
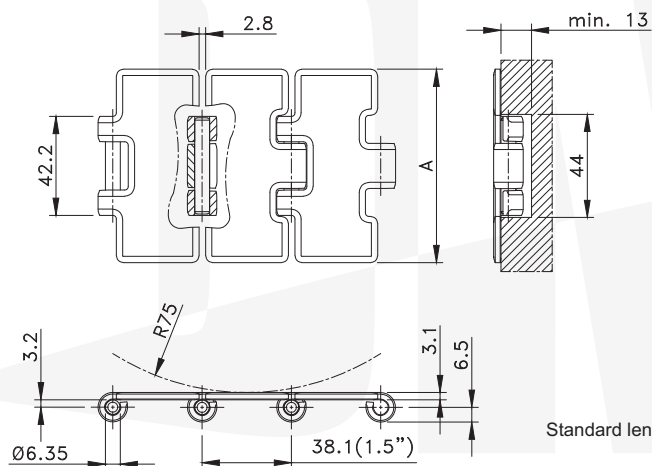
STRAIGHT RUN DOUBLE HINGE MAX-LINE


Standard length: 3.048 m - 10 feet (80 links)

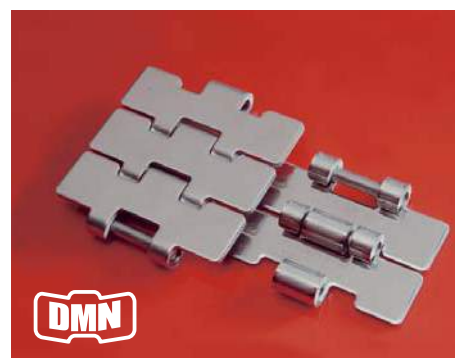
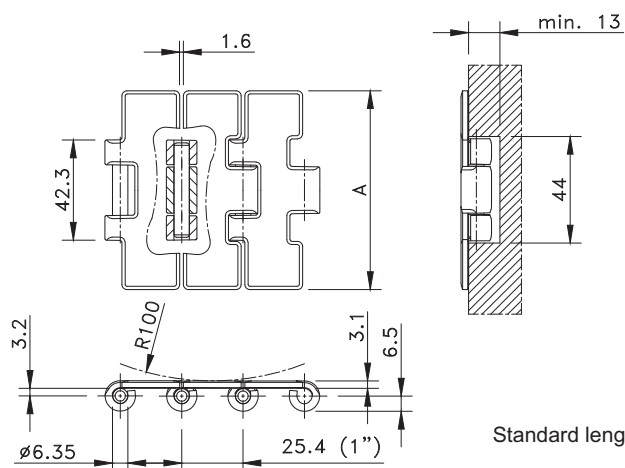


Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
10-SERIES							
10 S 77 M	762.13.77	190.5	7.50	5.64	0.60	no	7000
60-SERIES							
60 S 77 M	762.53.77	190.5	7.50	5.64	0.60	no	8900
66-SERIES							
66 S 77 M	762.03.77	190.5	7.50	5.64	0.60	no	8900
FERRITIC STAINLESS STEEL							
SS 802-K750	10.008.11.16	190.5	7.50	5.64	0.60	no	7000
OPTI-PLUS							
SSC 802-K450	10.008.21.14	114.3	4.50	4.00	0.25	no	8900
SSC 802-K750	10.008.21.16	190.5	7.50	5.64	0.60	no	
CARBON STEEL							
SC 800-K750	10.008.73.16	190.5	7.50	5.64	0.90	no	15000
AUSTENITIC CHROME NICKEL							
SS 805-K750	10.008.94.160	190.5	7.50	5.64	0.60	no	5000

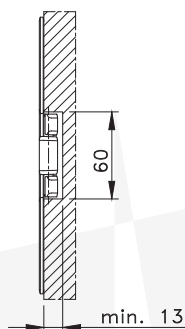
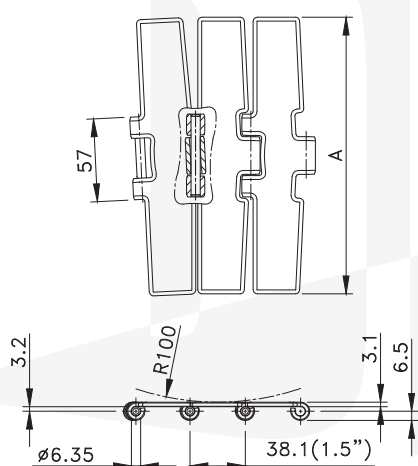


STRAIGHT RUN SINGLE HINGE


Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
10-SERIES							
10 S 31	762.10.31	82.5	3.25	2.55	0.18	no	4950
10 S 31 S	762.12.31	82.5	3.25	2.55	0.18	yes	
FERRITIC STAINLESS STEEL							
SS 812-K325	10.001.11.11	82.5	3.25	2.55	0.18	no	4950

METAL TABLETOP CHAIN
STRAIGHT RUN SINGLE HINGE MAX-LINE 1"


Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
OPTI-PLUS							
SSC 512-K217	10.011.61.04	55.1	2.17	2.29	0.18	no	5000
SSC 512-K236	10.011.61.07	59.9	2.36	2.41	0.18	no	
SSC 512-K250	10.011.61.05	63.5	2.50	2.49	0.18	no	
SSC 512-K283	10.011.61.09	71.9	2.83	2.65	0.18	no	
SSC 512-K325	10.011.61.11	82.5	3.25	2.86	0.18	no	
SSC 512-K350	10.011.61.12	88.9	3.50	3.01	0.18	no	
SSC 512-K400	10.011.61.13	101.6	4.00	3.26	0.25	no	

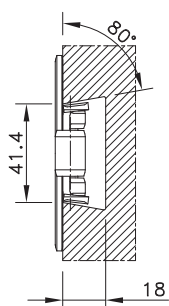
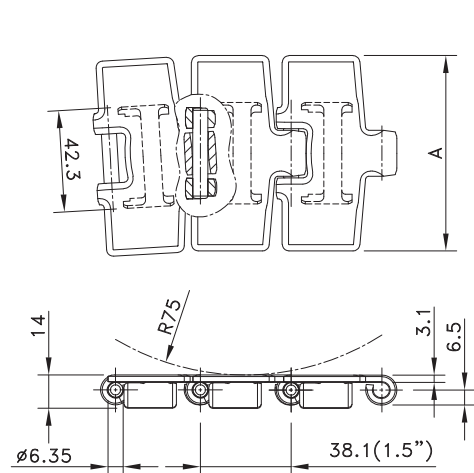


Standard length: 3.048 m - 10 feet (80 links) Sideflex radius min. 860 mm.

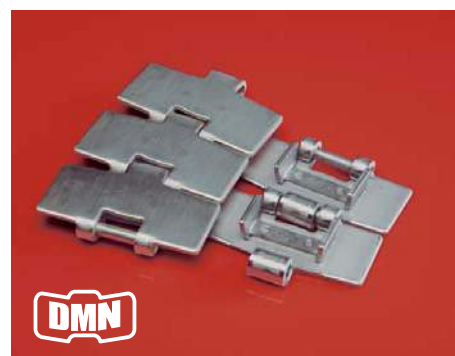
NOTE: 60 M 75 M is recommended for medium duty applications, 66 M 75 M is recommended for heavy duty applications

MAGNETFLEX® HEAVY DUTY MAX-LINE

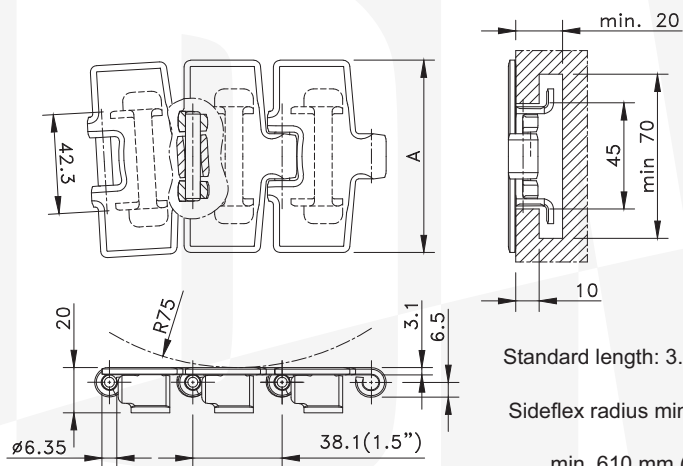
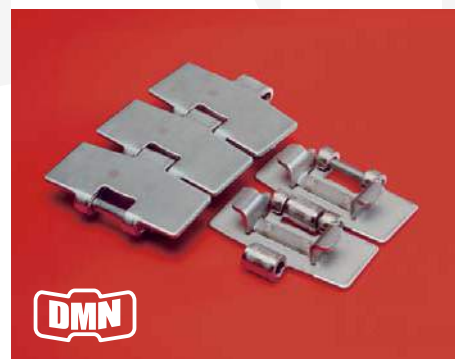

Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
60-SERIES							
60 M 75 M	767.53.75	190.5	7.50	5.03	0.60	yes	7000
66-SERIES							
66 M 75 M	767.03.75	190.5	7.50	5.03	0.60	yes	7000

METAL TABLETOP CHAIN


Standard length: 3.048 m - 10 feet (80 links)
Sideflex radius min. 500 mm (for K325)
and min. 610 mm (for K450 and K750).

SIDEFLEX SINGLE HINGE BEVEL


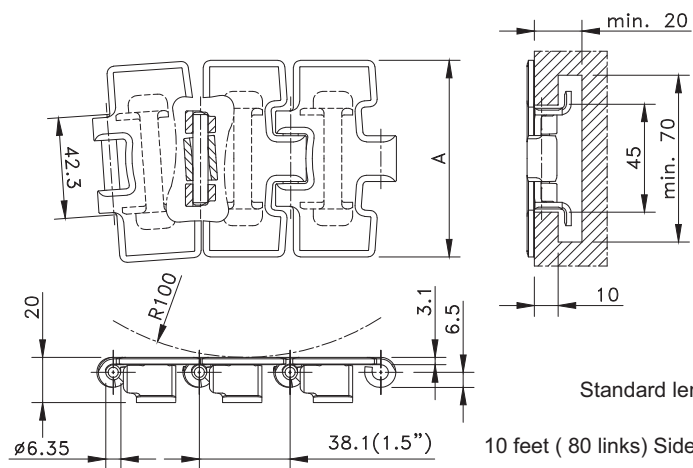
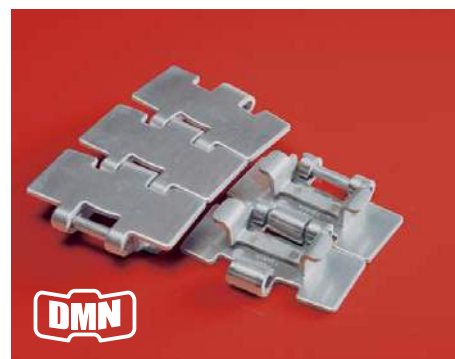
Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
AUSTENITIC CHROME NICKEL							
SS 881-K325	765.32.31	82.5	3.25	2.97	0.18	no	3500
SS 881-K450	765.32.42	114.3	4.50	3.71	0.25	no	
SS 881-K750	765.32.72	190.5	7.50	5.49	0.60	no	
CARBON STEEL							
S 881-K325	765.92.31	82.5	3.25	2.97	0.40	no	8350
S 881-K450	765.92.42	114.3	4.50	3.71	0.60	no	
S 881-K750	765.92.72	190.5	7.50	5.49	0.90	no	


SIDEFLEX SINGLE HINGE TAB


Standard length: 3.048 m - 10 feet (80 links)

Sideflex radius min. 500 mm (for K325) and
min. 610 mm (for K450 and K750).

Chain type	Code nr.	Plate width		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		A					
		mm	inch	kg/m	mm		N
AUSTENITIC CHROME NICKEL							
SS 881 TAB-K325	765.31.31	82.5	3.25	2.97	0.18	no	3500
SS 881 TAB-K450	765.31.42	114.3	4.50	3.71	0.25	no	
SS 881 TAB-K750	765.31.72	190.5	7.50	5.49	0.60	no	
CARBON STEEL							
S 881 TAB-K325	765.91.31	82.5	3.25	2.97	0.40	no	8350
S 881 TAB-K450	765.91.42	114.3	4.50	3.71	0.60	no	
S 881 TAB-K750	765.91.72	190.5	7.50	5.49	0.90	no	

METAL TABLETOP CHAIN

SIDEFLEX SINGLE HINGE TAB MAX-LINE


Standard length: 3.048 m -

10 feet (80 links) Sideflex radius min. 500 mm.

Chain type	Code nr.	Plate width A		Weight	Surface flatness (max.)	Polished hinge eyes	Working load (max.)
		mm	inch	kg/m	mm		N (21°C)
10-SERIES							
10 T 31 M	768.13.01	82.5	3.25	3.10	0.18	no	4950
OPTI-PLUS							
SSC 8811 TAB-K325	10.114.21.11	82.5	3.25	3.10	0.18	no	6000
SSC 8811 TAB-K325	10.114.21.12	88.9	3.50	3.30	0.18	no	
SSC 8811 TAB-K450	10.114.21.14	114.3	4.50	3.80	0.25	no	
SSC 8811 TAB-K750	10.114.21.16	190.5	7.50	5.50	0.60	no	

DMNbelt has a wide variety of Plate Top and Gripper chains. The roller chain based Plate Top is developed for greater loading capacity and permits even higher speeds and longer runs than slatband chains. The roller based Gripper is perfect for product elevating, lowering, rinsing, sterilizing and inverting, by means of soft rubber gripper elements. The base chain is made of steel or stainless steel.

FEATURES



Plate Top chains

These chains permit a huge loading capacity, higher speeds and longer runs with a single drive. The straight running 843- and the 1843-series have a roller base chain ANSI 40. The 12.7 mm small pitch reduces the sagging effect and permits the use of smaller sprockets. They are recommended for step by step positioning.

The straight running 1864- and 963-series have a roller base chain ANSI 60. The sideflexing 1874-, 1873-, and 3873-series have a roller base chain Side Bow ANSI 63 SB. They also very suitable for step by step positioning.

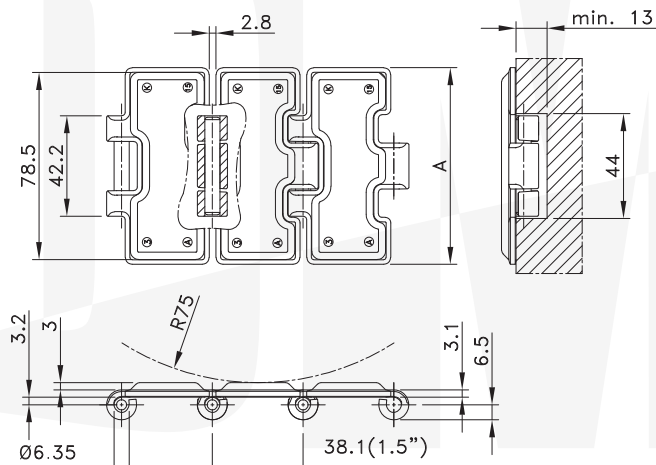
Plate Top chains fitted with steel top plates are designed for abrasive and heavy duty or hightemperature conditions. 963-, 1873-, and 3873- series, with "snap-on" plastic top plates combine the benefits of a plastic conveying surface with those of a precision roller base chain: less slip-stick, high working load and accurate positioning; the replaceable top plates are clipped on to the protruding pins.

- Gripper chains

Main applications of Plate Top Gripper chains can be found in glass works. However, they can be used in various other situations, such as crate handling and can manufacturing. Typical Gripper solutions are omegas for easy crossing of production lines, all lifting and lowering with Gripper chain elevators.

The grippers are provided in 2- or 3-finger grippers for smaller products and in D-type Grippers for other applications.



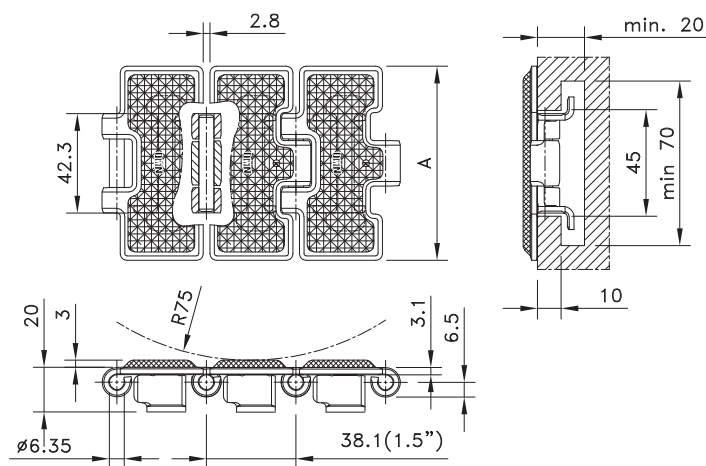


STRAIGHT RUN SINGLE HINGE

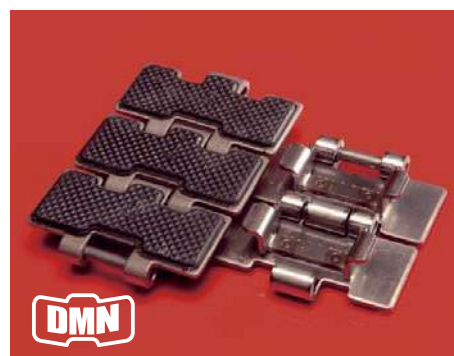


Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 S 31 R	762.04.31	82.5	3.25	2.80	no	6000

Standard length: 3.048 m - 10 feet (80 links)

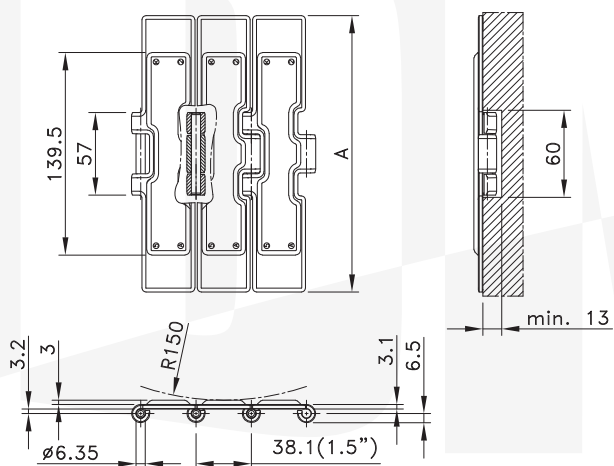
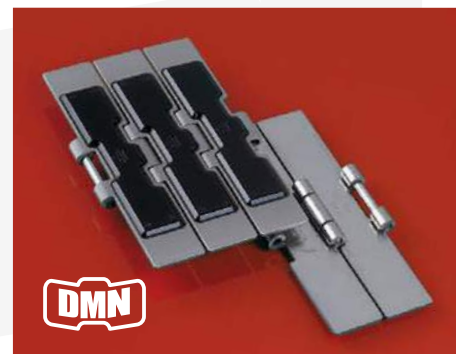


STRAIGHT RUN SINGLE HINGE TAB



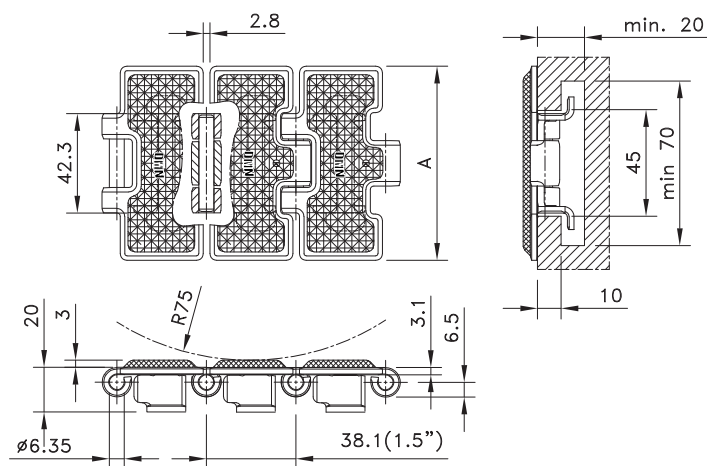
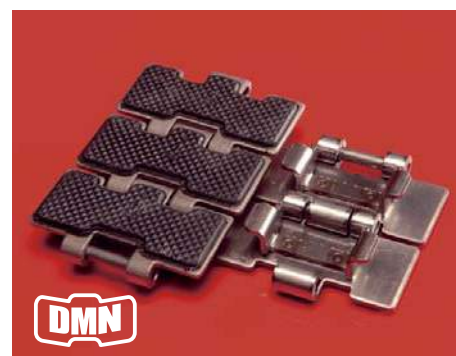
Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
OPTI-PLUS						
SSR 812 TAB-K325 RT	10.105.21.11	82.5	3.25	3.40	no	6000

Standard length: 3.048 m - 10 feet (80 links)


STRAIGHT RUN HEAVY DUTY MAX-LINE


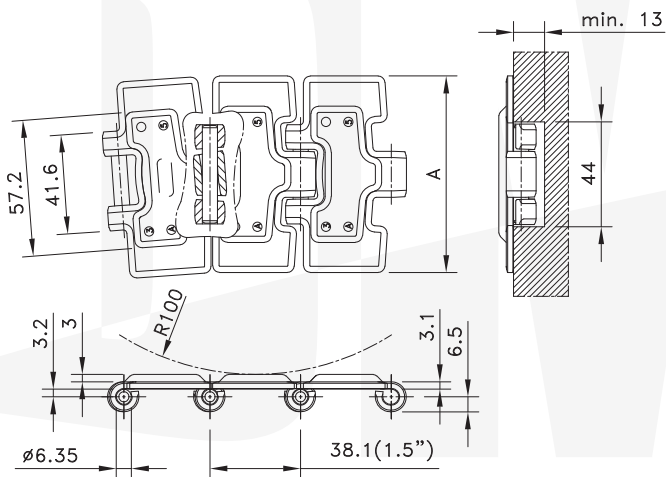
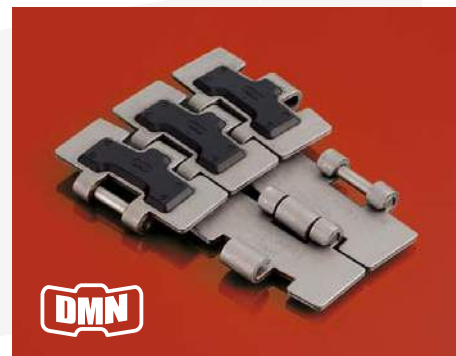
Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 S 75 RM	752.64.75	190.5	7.50	5.21	no	7000

Standard length: 3.048 m - 10 feet (80 links)


STRAIGHT RUN SINGLE HINGE TAB


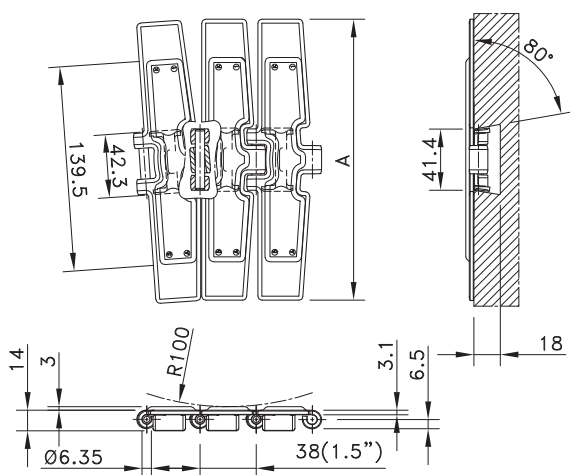
Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
OPTI-PLUS						
SSR 812 TAB-K325 RT	10.105.21.11	82.5	3.25	3.40	no	6000

Standard length: 3.048 m - 10 feet (80 links)


MAGNETFLEX® SINGLE HINGE MAX-LINE


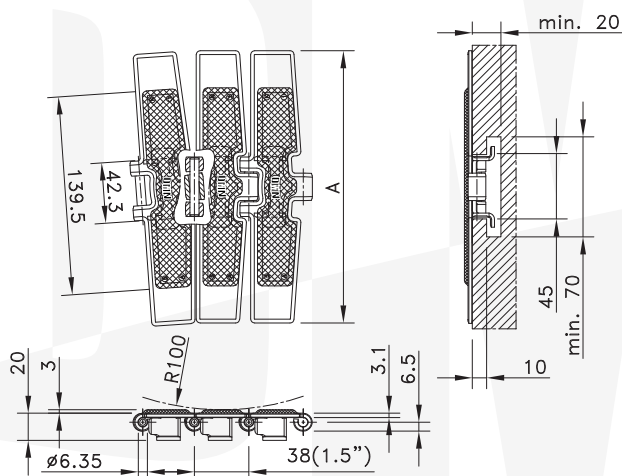
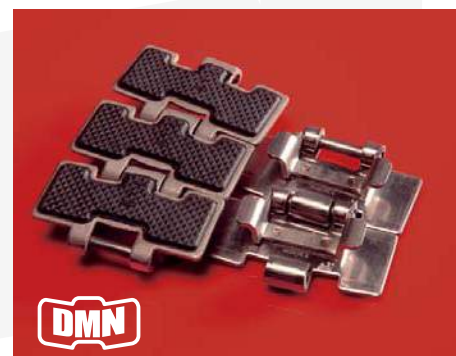
Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 M 31 RM	767.06.31	82.5	3.25	2.54	yes	6000
66 M 72 RM	767.06.72	190.5	7.50	4.70	yes	

Sideflex radius min. 500 mm.


SIDEFLEX SINGLE HINGE BEVEL MAX-LINE

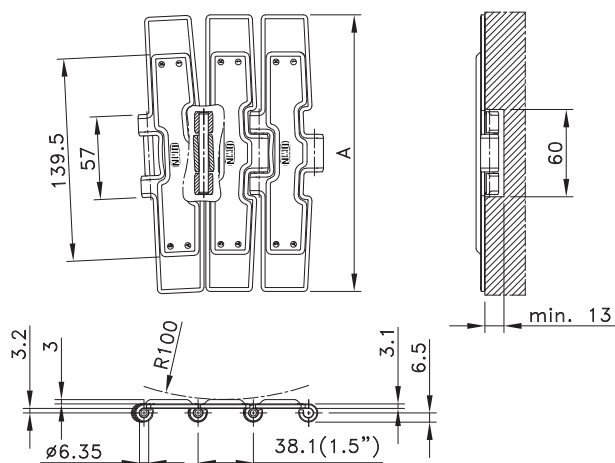

Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 B 72 RM	765.17.72	190.5	7.50	5.10	no	6000

Standard length: 3.048 m - 10 feet (80 links)


SIDEFLEX SINGLE HINGE TAB MAX-LINE


Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 T 72 RM	765.16.72	190.5	7.50	5.30	no	6000
OPTI-PLUS						
SSC 8811 TAB-K325 RT	10.117.21.11	82.5	3.25	3.30	no	6000

Sideflex radius min. 500 mm.

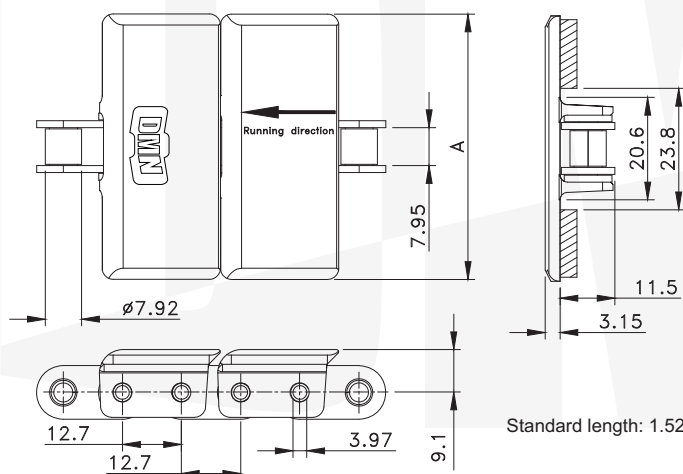

SIDEFLEX SINGLE HINGE BEVEL MAX-LINE


Chain type	Code nr.	Plate width		Weight	Polished hinge eyes	Working load (max.)
		A				
		mm	inch	kg/m		N
66-SERIES						
66 M 75 RM	767.04.75	190.5	7.50	5.14	yes	7000

Standard length: 3.048 m - 10 feet (80 links)

Sideflex radius min. 860 mm.

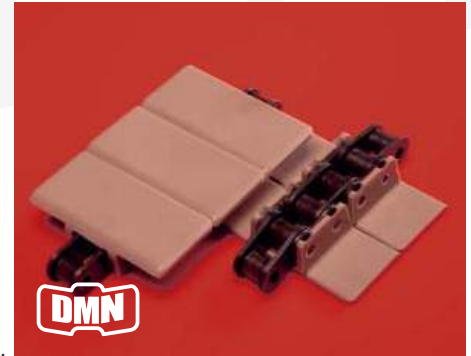
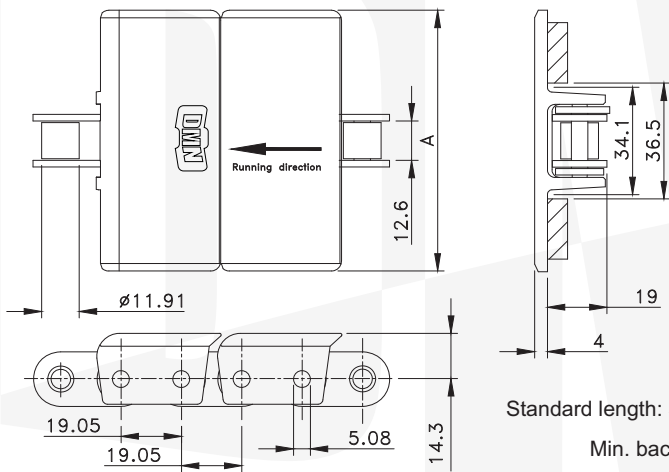
STRAIGHT RUN 1/2" PITCH PLASTIC TOP PLATE



Chain type	Code nr.	Plate width		Weight	Loose top plate	Working load (max.)	Connection link	
		A						
		mm	inch	kg/m	code nr.	N (21°C)	type	code nr.
LF-ACETAL TOP PLATE/STEEL BASE CHAIN								
LF 843-K138	L0843604271	34.9	1.38	0.83	L0843621601	2700	CL-843	36418
LF 843-K144	L0843604281	36.5	1.44	0.84	L0000601742			
LF 843-K200	L0843604291	50.8	2.00	0.89	L0000669391			
LF 843-K325	L0843604301	82.5	3.25	1.03	L0843623581			
LF-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN								
LF 843 SS-K138	L0843604311	34.9	1.38	0.83	L0843621601	1900	CL-843 SS	69479
LF 843 SS-K144	L0843604321	36.5	1.44	0.84	L0000601742			
LF 843 SS-K200	L0843604331	50.8	2.00	0.89	L0000669391			
LF 843 SS-K325	L0843604341	82.5	3.25	1.03	L0843623581			



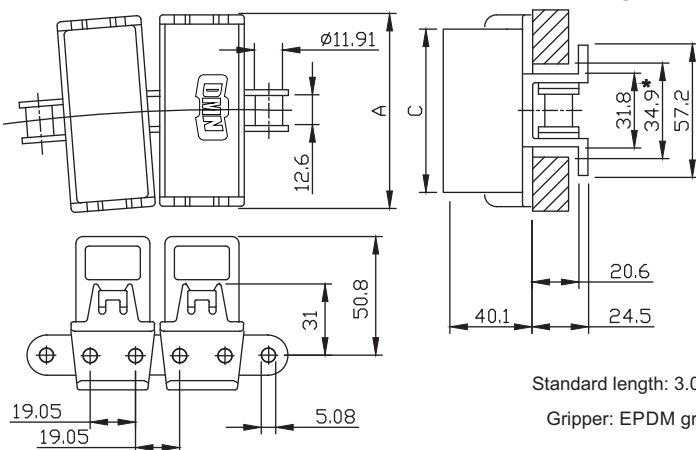
STRAIGHT RUN ½" PITCH PLASTIC TOP PLATE



Chain type	Code nr.	Plate width		Weight	Loose top plate	Working load (max.)	Connection link	
		A					type	code nr.
		mm	inch	kg/m	code nr.	N (21°C)		
LF-ACETAL TOP PLATE/STEEL BASE CHAIN								
LF 963-K325	L0963604431	82.5	3.25	2.10	114-139-5	2700	CL-63	36742
LF 963-K450	L0963604441	114.3	4.50	2.23	114-139-6			
LF 963-K600	L0963604451	152.4	6.00	2.53	114-139-7			
LF 963-K750	L0963604461	190.5	7.50	2.68	114-139-8			
LF-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN								
LF 963 SS-K325	L0963604471	82.5	3.25	2.10	114-139-5	1900	CL-63 SS	36747
LF 963 SS-K450	L0963604481	114.3	4.50	2.23	114-139-6			
LF 963 SS-K600	L0963604491	152.4	6.00	2.53	114-139-7			
LF 963 SS-K750	L0963604501	190.5	7.50	2.68	114-139-8			

PLATE TOP GRIPPER CHAINS

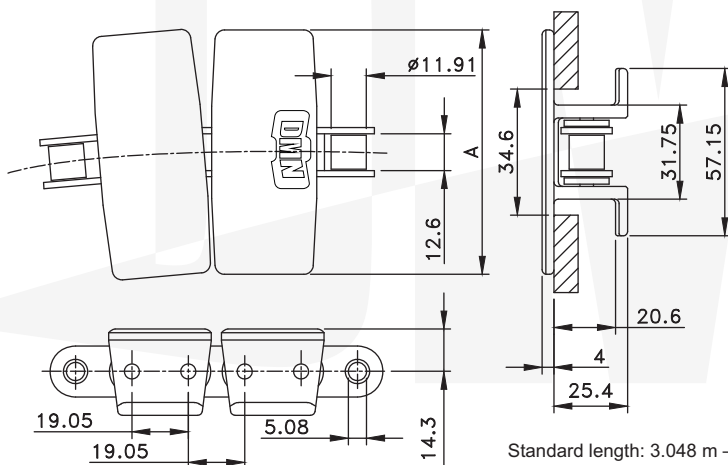
SNAP-ON CLOSED GRIPPER ¾" PITCH PLASTIC TAB



Standard length: 3.048 m – 10 feet (160 links).
Gripper: EPDM grey, 55 shore A hardness.

Chain type	Code nr.	Plate width A		Gripper width C	Weight	Working load (max.)	Sideflex radius (min.)	Connection link	
		mm	pollici	mm	kg/m	N (21°C)	mm	type	code nr.
HP-ACETAL TOP PLATE/STEEL BASE CHAIN									
HP 1873 TAB-K325 GSD	L1873628703	82,5	3.25	70	2.90	4500	381	CL-63	36742
HP 1873 TAB-K450 GSD	L1873631143	114,3	4.50	102	3.00				
HP-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN									
HP 1873 TABSS-K325 GSD	L1873628753	82,5	3.25	70	2.90	3400	381	CL-63 SS	36747
HP 1873 TABSS-K450 GSD	L1873631383	114.3	4.50	102	3.00				

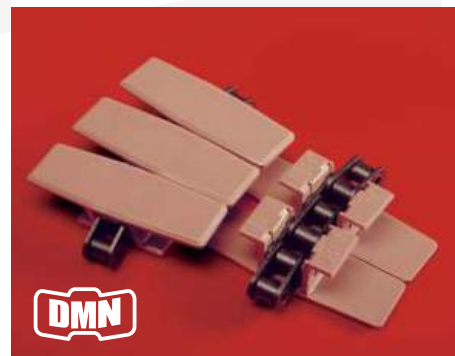
SIDEFLEX 3/4" PITCH TAB PLASTIC TOP PLATE



Standard length: 3.048 m – 10 feet (160 links).

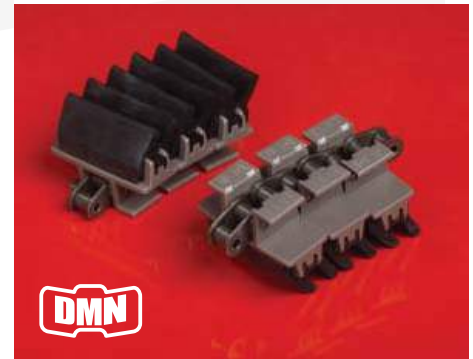
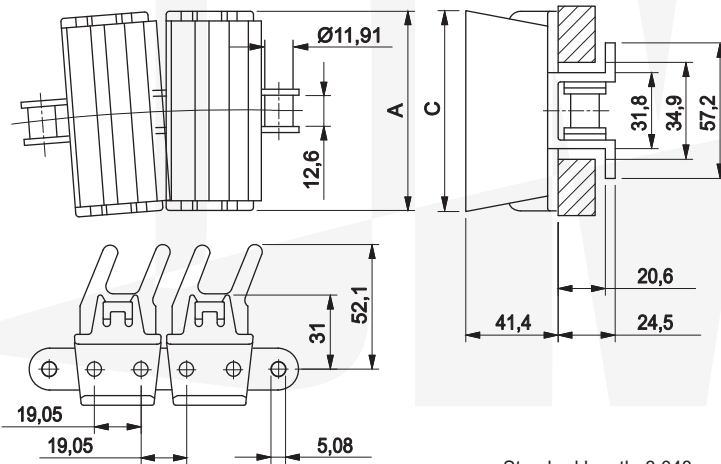
Min. backflex radius 305 mm.

* Ask customer service for minimum order quantity of WX 1873 chains.



Chain type	Code nr.	Plate width		Weight	Loose top plate	Working load (max.)	Sideflex radius (min.)	Connection link	
		A							
		mm	inch	kg/m	code nr.	N (21°C)	mm	type	code nr.
LF-ACETAL TOP PLATE/STEEL BASE CHAIN									
LF 1873 TAB-K325	L1873604731	82.5	3.25	2.10	L1873615621	4500	390	CL-63	36742
LF 1873 TAB-K450	L1873604741	114.3	4.50	2.30	L1873LF623621				
LF 1873 TAB-K600	L1873604751	152.4	6.00	2.40	L1873LF631801		457		
LF 1873 TAB-K750	L1873604761	190.5	7.50	2.60	L1873LF622011				
LF 1873 TAB-K1000	L1873604771	254.0	10.00	2.80	L1873LF610701				
LF 1873 TAB-K1200	L1873604781	304.8	12.00	3.00	L1873LF645071				
LF-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN									
LF 1873 TAB SS-K325	L1873604791	82.5	3.25	2.10	L1873615621	3400	390	CL-63 SS	36747
LF 1873 TAB SS-K450	L1873604801	114.3	4.50	2.30	L1873LF623621				
LF 1873 TAB SS-K600	L1873604811	152.4	6.00	2.40	L1873LF631801		457		
LF 1873 TAB SS-K750	L1873604821	190.5	7.50	2.60	L1873LF622011				
LF 1873 TAB SS-K1000	L1873604831	254.0	10.00	2.80	L1873LF610701				
LF 1873 TAB SS-K1200	L1873604841	304.8	12.00	3.00	L1873LF645071				
WX-POLYAMIDE COMPOSITE TOP PLATE/STEEL BASE CHAIN									
WX 1873 TAB-K450	L1873683652*	114.3	4.50	2.30	L1873610683	4500	390	CL-63 SS	36742

SNAP-ON 2-FINGER GRIPPER ¾" PITCH PLASTIC TAB



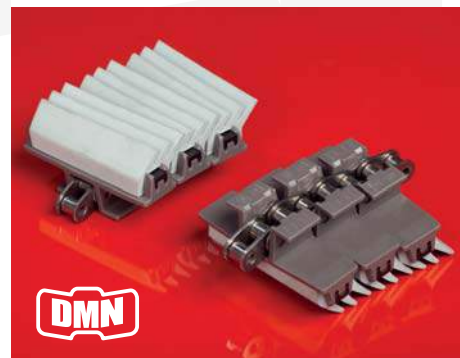
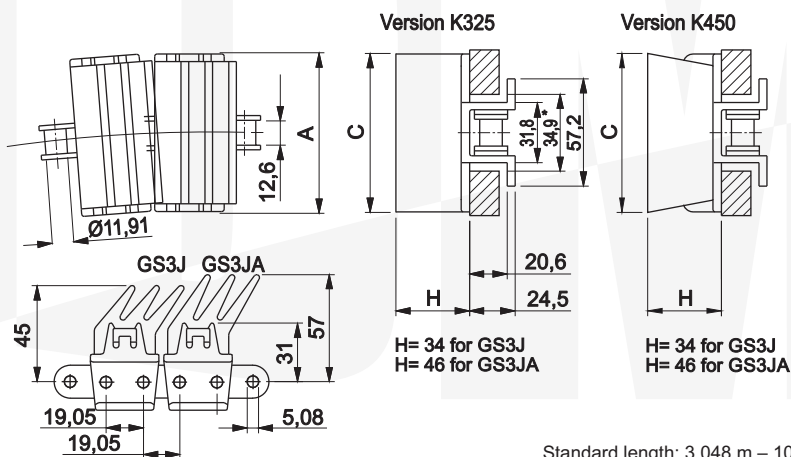
Standard length: 3.048 m – 10 feet (160 links).

Gripper EPDM black, 45 shore A hardness.

Chain type	Code nr.	Plate width A		Gripper width C	Weight	Working load (max.)	Sideflex radius (min.)	Connection link	
		mm	pollici					mm	kg/m
HP-ACETAL TOP PLATE /STEEL BASE CHAIN									
HP 1873 TAB-K325 GS2J	L1873628693	82.5	3.25	77	2.90	4500	381	CL-63	36742
HP 1873 TAB-K450 GS2J	L1873628713	114.3	4.50	108	3.00				
HP-ACETAL TOP PLATE /STAINLESS STEEL BASE CHAIN									
HP 1873 TABSS-K325 GS2J	L1873628743	82.5	3.25	77	2.90	3400	381	CL-63 SS	36747
HP 1873 TABSS-K450 GS2J	L1873628763	114.3	4.50	108	3.00				

GRIPPER CHAIN TYPE	APPLICATION						
	Small empty product elevator	Small full product elevator	Large empty product elevator	Large full product elevator	High load, abrasive application	Rinser application, ambient	Rinser application, high temperature
1874 TAB, stainless steel top plate							
1874 TAB HD, stainless steel top plate							
1843 TAB, LF top plate							
1873 TAB, HP top plate							

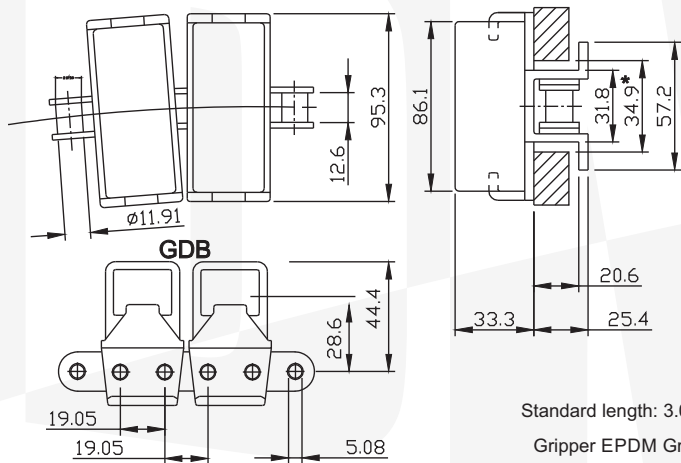
SNAP-ON 3-FINGER GRIPPER 3/4" PITCH PLASTIC TAB



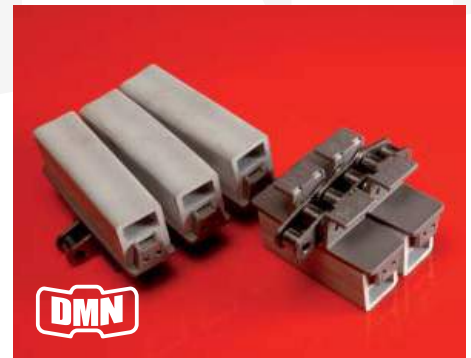
Standard length: 3.048 m – 10 feet (160 links).

Gripper EPDM grey 55 shore A hardness for
GS3J K325-K450, gripper black for GS3JA K450
45 shore A hardness.

Chain type	Code nr.	Plate width		Gripper width C	Weight	Working load (max.)	Sideflex radius (min.)	Connection link	
		A							
		mm	pollici	mm	kg/m	N (21°C)	mm	type	code nr.
HP-ACETAL TOP PLATE /STEEL BASE CHAIN									
HP 1873 TAB-K325 GS3J	L1873628673	82.5	3.25	82.5	2.90	4500	381	CL-63	36742
HP 1873 TAB-K450 GS3J	L1873631773	114.3	4.50	107	3.00				
HP-ACETAL TOP PLATE /STAINLESS STEEL BASE CHAIN									
HP 1873 TABSS-K325 GS3J	L1873628723	82.5	3.25	82.5	2.90	3400	381	CL-63 SS	36747
HP 1873 TABSS-K450 GS3J	L1873632733	114.3	4.50	107	3.00				
HP-ACETAL TOP PLATE /STEEL BASE CHAIN									
HP 1873 TAB-K325 GS3JA	L1873628683	82.5	3.25	82.5	2.90	4500	381	CL-63	36742
HP 1873 TAB-K450 GS3JA	L1873631863	114.3	4.50	109	3.00				
HP-ACETAL TOP PLATE /STAINLESS STEEL BASE CHAIN									
HP 1873 TABSS-K325 GS3JA	L1873628733	82.5	3.25	82.5	2.90	3400	381	CL-63 SS	36747
HP 1873 TABSS-K450 GS3JA	L1873631873	114.3	4.50	109	3.00				

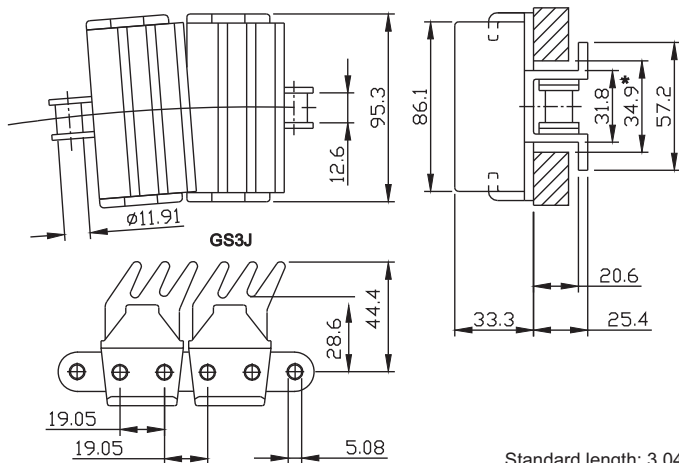


CLOSED GRIPPER ¾" PITCH PLASTIC TAB

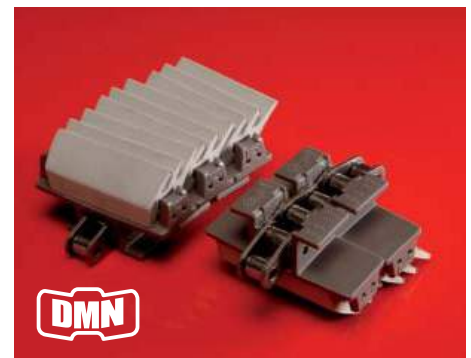


Chain type	Code nr.	Plate width		Weight	Working load (max.)	Sideflex radius (min.)	Connection link	
		A						
		mm	pollici	kg/m	N (21°C)	mm	type	code nr.
HP-ACETAL TOP PLATE/STEEL BASE CHAIN								
HP 1873 TAB-K375 GSD	L1873677162	95.3	3.75	2.80	4500	381	CL-63	36742
HP-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN								
HP 1873 TABSS-K375 GSD	L1873677172	95.3	3.75	2.80	3400	381	CL-63 SS	36747

PLATE TOP GRIPPER CHAINS



3-FINGER GRIPPER ¾" PITCH PLASTIC TAB



Chain type	Code nr.	Plate width		Weight	Working load (max.)	Sideflex radius (min.)	Connection link	
		A						
		mm	pollici	kg/m	N (21°C)	mm	type	code nr.
HP-ACETAL TOP PLATE/STEEL BASE CHAIN								
HP 1873 TAB-K375 GS3J	L1873677082	95.3	3.75	2.80	4500	381	CL-63	36742
HP-ACETAL TOP PLATE/STAINLESS STEEL BASE CHAIN								
HP 1873 TABSS-K375 GS3J	L1873677092	95.3	3.75	2.80	3400	381	CL-63 SS	36747

The product program offers a wide range of DMN multiflex chains and case conveyor chains. These chains are intended for single lane product handling in a variety of applications.

FEATURES

-Multiflex chains

These chains use a unique pivot to connect the hinge pin with the chain link. In standard sideflexing chains the pin and hinge have to deal with horizontal rotation, due to the sideflexing of the chain in the curve, and with vertical rotation of the hinge, when moving over the sprocket. The pivot uncouples these movements, as the hinge pin is only involved in the rotations because of the chain links moving over the sprocket. The pivot can rotate inside the chain link, allowing sideflexing in a curve. Due to the pivot, multiflex chains are ideally suitable for running through multiple curves.

-Armor Clad

The 1700 multiflex chains are also available with a hardened steel cover, the Armor Clad AC 1700 K.

Because of this cover the chain is very suitable to convey parts with a high temperature that could damage a plastic chain surface. The steel cover gives the chain an excellent wear life, to make it suitable for part handling in automotive and similar applications.

-Safety

The ZeroGap 1765 and 2565 multiflex chain have a top plate design. The chain surface always stays closed when the chain is running through a curve or over a sprocket. Both chains are commonly used in packaging and automotive industry.

The 1710 K and 1713 K multiflex chains also offer surfaces preventing people's fingers to be trapped if larger products have to be conveyed.

-Case conveyor chains

These chains have a very robust design, making them ideally suited for tough applications, such as case and crate handling. They are very open to deal with the often abrasive debris in these kinds of applications. The conveyor design for these chains can be very simple, resulting in a very economic solution for the sometimes very long distances empty or full crates and cases have to be conveyed in a production line.

-Pin design

Both Multiflex and Case Conveyor chains have chain links characterized by two legs. The pins have a special design to prevent opening up of these link legs. This results in a high allowable working load.

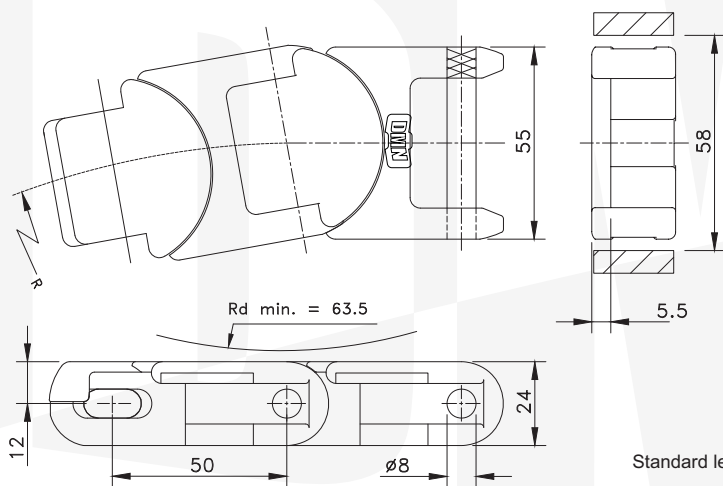
- Corner discs

For multiflex and some sideflexing slatband chains, corner discs can be used to reduce the friction in the curves, allowing a multitude of curves within one conveyor. The use of corner discs is mainly found in conveyors with low-speed part handling in dairy applications, automotive part handling, tobacco industry, etc.

The N880 drive corner disc with a toothed contour is used to drive the chain, integrating sprocket and curve function in the corner disc. This means that no return section for the chain is needed, making the conveyor design more simple and economic. In this kind of conveyor design however the amount of pitch elongation due to wear that can be absorbed is limited. The disc is mounted on the drive shafts by means of a clamping device, for which standard machine components can be used.

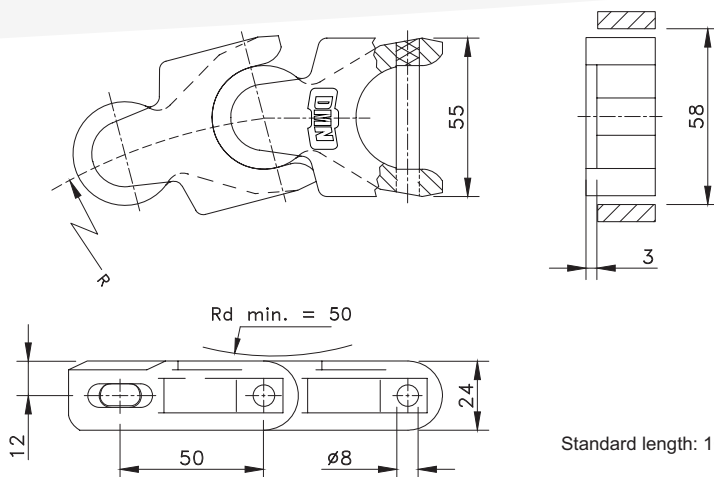
The carry disc is used in the upper part of the conveyor, contacting the chain in the normal position when it is conveying products. The return disc is used in the return part of the conveyor, contacting the chain when it is in the upside-down position. The ball bearing types of corner discs are recommended for highspeed and high-load applications; ball bearings are not included. In all other applications corner discs with thermoplastic bushings can be used.

An open corner disc is mounted on the shaft which needs to run through the disc. A closed corner disc is mounted on top of the shaft. Some closed versions, such as 880BO, offer the ability to break out a diaphragm in the closing cap


CLOSED GRIPPER ¾" PITCH PLASTIC TAB

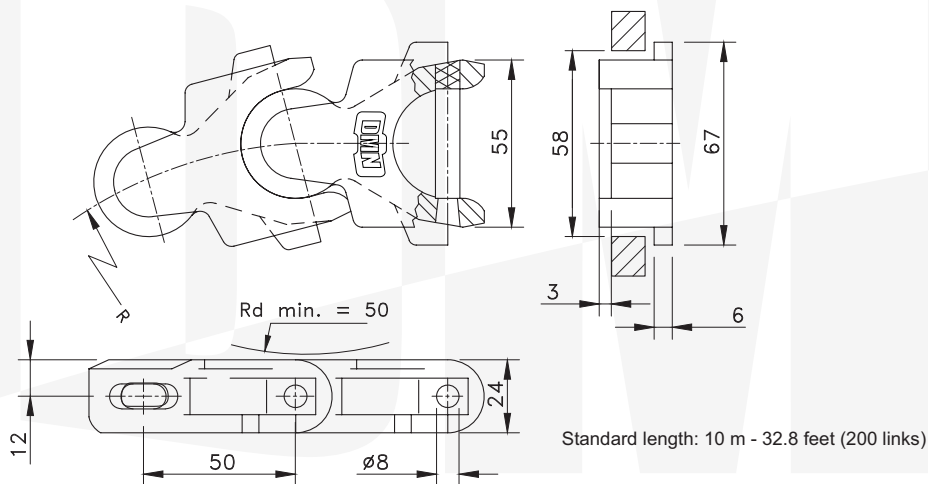

Standard length: 3.05 m - 10 feet (61 links)

Chain type	Code nr.	Link width A		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		mm	inch	kg/m	N (21°C)	mm	mm
HP-ACETAL							
HP 1765 ZeroGap	L1765604062N	55.0	2.17	1.46	2670	64	125
WX-POLYAMIDE COMPOSITE							
WX 1765 ZeroGap	L1765654842N1	55.0	2.17	1.46	2670	64	125

MULTIFLEX AND CASE CONVEYOR CHAINS
1702 - 1704


Standard length: 10 m - 32.8 feet (200 links)

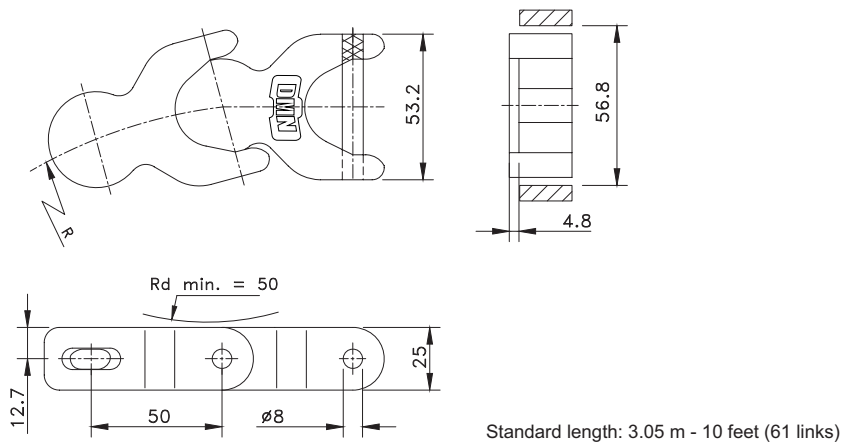
Chain type	Code nr.	Link width A		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		mm	inch	kg/m	N (21°C)	mm	mm
LF-ACETAL							
A 1700	L1700A	55.0	2.17	1.26	2670	38	140
WLF-ACETAL							
WLF 1700	L1700WLF	55.0	2.17	1.26	2670	38	140
HP-ACETAL							
HP 1700	L1700HP	55.0	2.17	1.26	2670	38	140
ACETAL WITH HARDENED STEEL TOP PLATES							
AC 1700 K	L1700ACK	55.0	2.17	60	2670	38	140



1700 TAB K



Chain type	Code nr.	Link width A		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		mm	inch	kg/m	N (21°C)	mm	mm
WLF-ACETAL							
WLF 1700 TAB K	L1700WLFTABK	55.0	2.17	1.30	2670	38	140

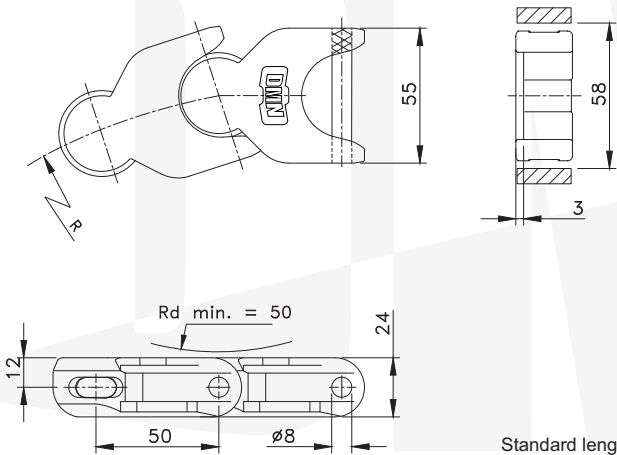


1702



Chain type	Code nr.	Link width A		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		mm	inch	kg/m	N (21°C)	mm	mm
WLF-ACETAL							
WLF 1702	L1702698592	53.1	2.09	1.43	2670	38	140

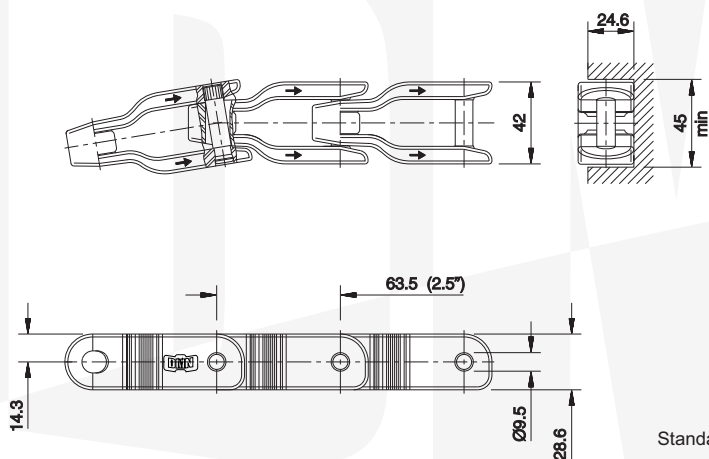
1720 K



Chain type	Code nr.	Link width A		Weight kg/m	Working load (max.) N (21°C)	Backflex radius (min.) mm	Sideflex radius (min.) mm
		mm	inch				
HP-ACETAL							
HP 1720	L1720HP	55.0	2.17	1.26	2600	50	140



STRAIGHT RUN WITHOUT TABS



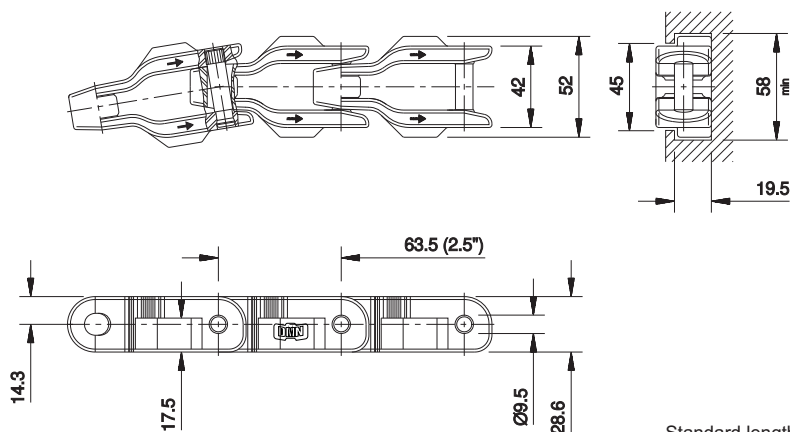
Standard length: 3.048 m - 10 feet (48 links)

*Ask customer service for minimum order quantity.

Chain type	Code nr.	Link width		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		A					
		mm	inch				
XL-ACETAL							
CC 600 XL	752.72.05	42.0	1.66	1.20	3950	50	457
NC-ACETAL							
CC 600 NC	752.75.05	42.0	1.66	1.20	3950	50	457
WPP-POLYPROPYLENE							
CC 600 WPP	752.77.05*	42.0	1.66	1.00	1975	50	457

MULTIFLEX AND CASE CONVEYOR CHAINS

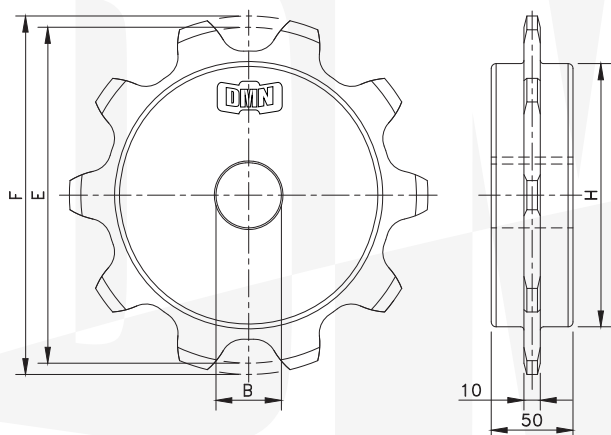
SIDEFLEX WITH TABS



Standard length: 3.048 m - 10 feet (48 links)

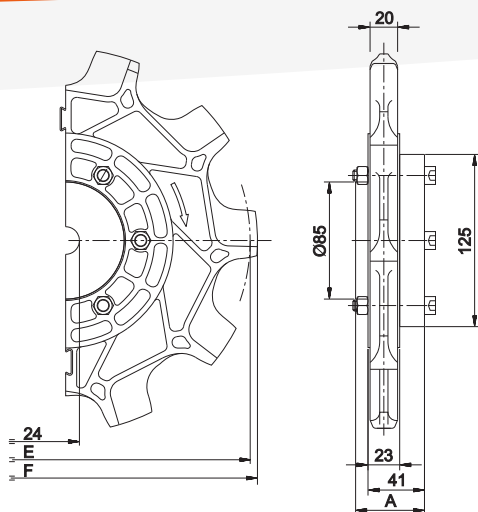
*Ask customer service for minimum order quantity.

Chain type	Code nr.	Link width		Weight	Working load (max.)	Backflex radius (min.)	Sideflex radius (min.)
		A					
		mm	inch				
XL-ACETAL							
CC 600 TXL	752.72.04	42.0	1.66	1.25	3950	50	457
NC-ACETAL							
CC 600 TNC	752.75.04	42.0	1.66	1.25	3950	50	457
WPP-POLYPROPYLENE							
CC 600 TWPP	752.77.04*	42.0	1.66	1.03	1975	50	457

CLASSIC SPROCKETS FOR CC600/631


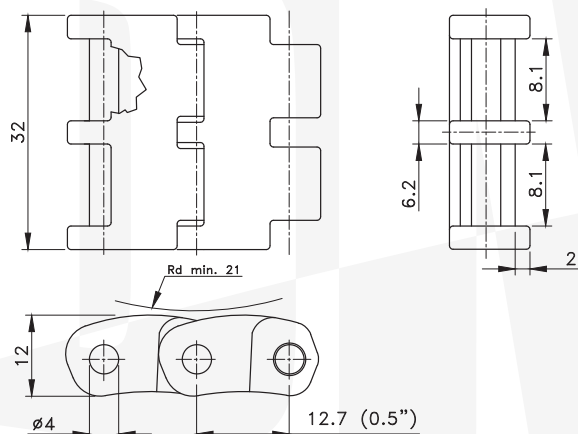
Type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A
			mm	mm	mm	mm
CLASSIC SPROCKETS FOR CC600/631						
METRIC BORES						
KU 600 06-20	L0600699111	6	20	127.0	128.0	50
KU 600 08-20	L0600604046	8	20	165.9	177.7	
KU 600 10-20	L0600605916	10	20	205.5	219.3	

The split sprocket rings and unsplit hubs are supplied separately, so that the hub doesn't need to be replaced in case of wear of the sprocket rings.

SPROCKETS
SEMI-SPLIT SPROCKETS FOR CC1400/1431


Type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A
			mm	mm	mm	mm
SEMI-SPLIT SPROCKETS FOR CC1400/1431						
SPROCKET RING SET						
SR CC1400 10	753.83.42	10	-	267.0	278.4	-
CARBON STEEL HUB						
CH CC-C 24	753.78.62	-	24	-	-	50
CH CC-S 24	753.78.61	-	24	-	-	50

The split sprocket rings and unsplit hubs are supplied separately, so that the hub doesn't need to be replaced in case of wear of the sprocket rings.


STRAIGHT RUN MINIATURE

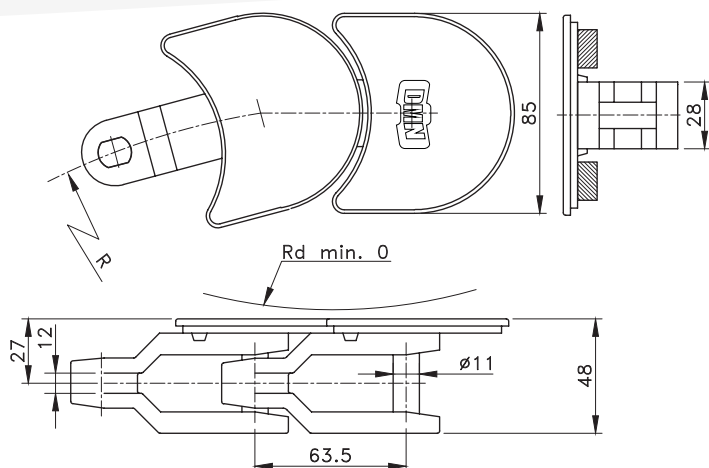

Chain type	Code nr.	Plate width		Weight	Working load load (max.)	Backflex radius (min.)	Plate thickness
		A					
		mm	inch				
D-ACETAL							
ZN 1108*	L1108WZN	32.0	1.26	0.51	800	21	12.0
SS 1108**	L1108WSS						

* With zinc plated pins

** With stainless steel pins

Standard length: 5 m - 16.4 feet (395 links).

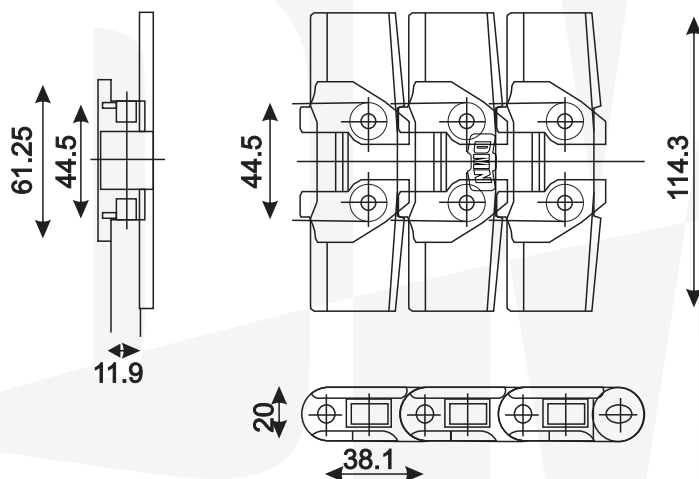
These chains are recommended for packaging machines of pharmaceutical, cosmetic and food products; if installed to the base chain, it facilitates product head transfers.

PLASTIC SPECIAL CHAINS

SIDEFLEX ARTICULATED WITH TOP PLATES


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
D-ACETAL								
W 1080 SS	L1080WSS	85.0	3.35	1.76	83	3950	–	5.9

Standard length: 8 m - 26.2 feet (128 links).

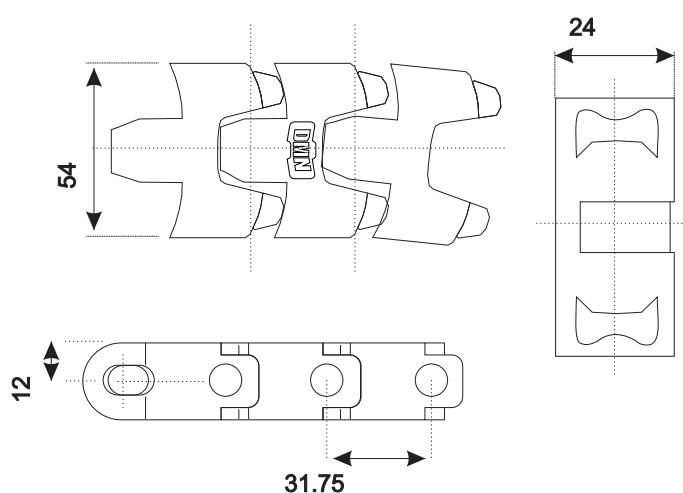
This chain is recommended for closed ring transport due to the lateral traction drive.



Plastic chain RT114



Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
LF-ACETAL								
RT 114 PL	114PLA255	114.3	4.50	1.6	610	2001	50	4

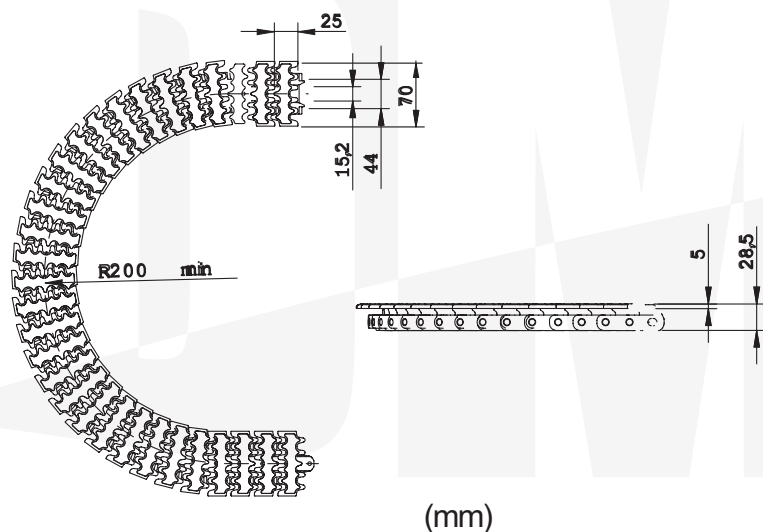


SIDEFLEX ARTICULATED WITH TOP PLATES

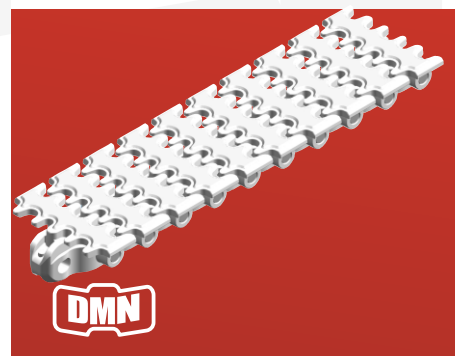


Chain type	Code nr.	Plate width		Weight	Sideflex radius (min.)	Working load (max.)	Backflex radius (min.)	Plate thickness
		A						
		mm	inch	kg/m	mm	N (21°C)	mm	mm
XLG-ACETAL								
F54	POMF540944	54	2.13	1.60	200	2000	50	24



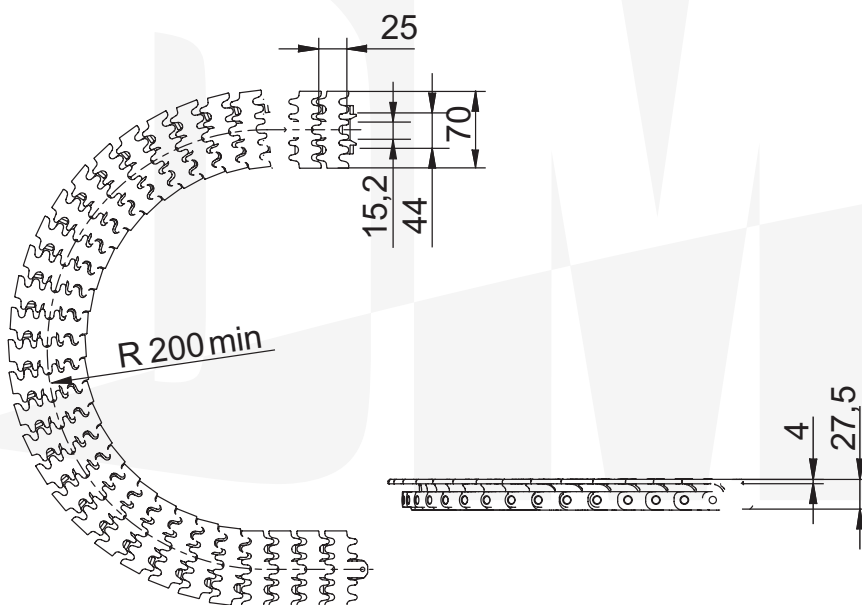
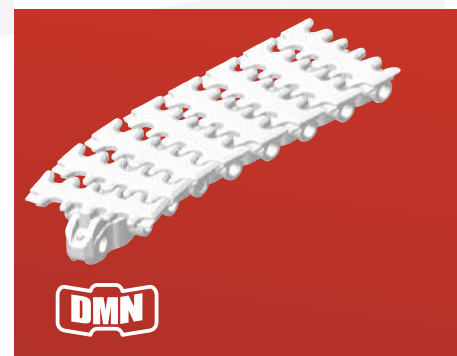


Plastic Chain DMN TF 70



Part number	Material	Length (L)	Weight	Width	Volume
F206604-101	POM Link: Low friction ACETAL Moisture pickup 0.2% Rivet: Stainless steel Friction surface: TPE	10 m per box	16 kg /10 m	70 mm	25.3 dm ³ /10 m




Plastic Chain DMN T 70


Partnumber	Material	Length (L)	Weight	Width	Volume	Colour
3019400-0101	POM Link: Low friction ACETAL Moisture pickup 0.2% Rivet: Stainless steel	10 m per box	16 kg /10 m	70 mm	25.3 dm ³ /10 m	White
3113504-0101	PBT Link: Low friction acid resis- tans Rivet: Stainless steel	10 m per box	16 kg /10 m	70 mm	25.3 dm ³ /10 m	Grey

A plastic chain developed according to safety regulations BS EN619 standard. The chain can be ordered with rubber pins or friction lining. Recommended surrounding temperature is -18 - +50 °C. Recommended maximum work load at 20° is 100 kp/1000N.



With a large variety of Modular belt executions and materials DMNbelt has got a conveying solution for virtually any application, especially in combination with the huge chain programme. The DMNbelt brand has set a standard for modular conveyor belts in beverage industry and now the cleanable designs and specific accessories make several DMNbelt Modular series very suitable for food industry as well. Also in many other industries, such as container making, pharmaceutical and automotive, lines are equipped with DMN Modular Belts.

Modular belts offer a reliable drive concept, using DMNbelt great experience in chain drive technology.

The design of both belt and sprocket make a perfect combination meeting high standards for tooth and belt engagement, belt release from the sprocket and allowable elongation. DMN modular belt are also known for their clever pin retention systems, which make them very easy to install and maintain.

FEATURES



- Modular Belt :

The range of Modular belt varies from ½-inch small pitch sideflexing executions to 2½-inch pitch straight running heavy duty solutions.

The different series are offered in many variations to suit any application:

• Solid Top/Flat Top

A fully closed surface is used if products require maximum support, due to their vulnerability or instability, and if small particles, such as broken glass, bolts and nuts, bones or the product itself, could get stuck in the surface of the belt, possibly damaging or jamming the product or the belt.

• Perforated Top/Flush Grid

An open area surface is used to allow water- or airflow through the belt and to remove debris, making sure the contact surface between the belt and the conveyed product stays clean. Pollution is washed out in a regular cleaning program. The open area varies per belt type.

• Raised Top/Raised Rib

If (unstable) products need to be conveyed onto or from a belt or chain, Raised Top belts and fingerplates are suitable. The fingers of the transfer plate reach into and below the surface of the ribs of the belt. Fingerplates are available with longer and shorter fingers; short fingers are normally used in case of a risk of broken glass.

• Vacuum Top

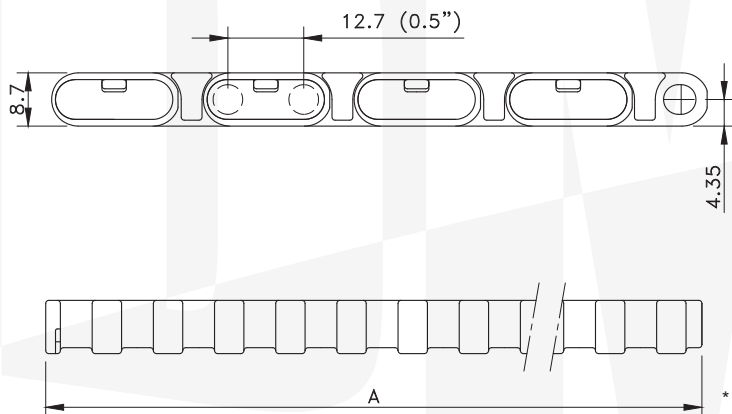
Vacuum conveyors are mainly used for can making or empty can handling in beverage plants. Small holes in a Solid Top belt enable to handle the empty cans by means of a vacuum underneath the belt.

• Rubber Top/SuperGrip

On inclined and declined conveyors packs or crates can be handled smoothly using surfaces with rubber, moulded on top of a specially prepared module using either over-moulding or 2-component technology, ensuring 100% secure bonding.

Rubber Top chains can be used up to an angle of 20 degrees, depending on the pack style and material.

FLUSH GRID 500

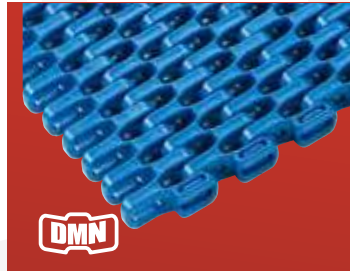
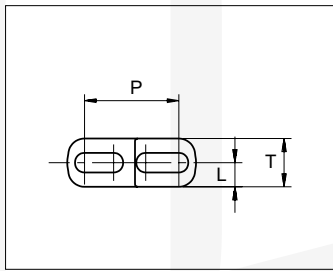


* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm. Cut to width options upon request.

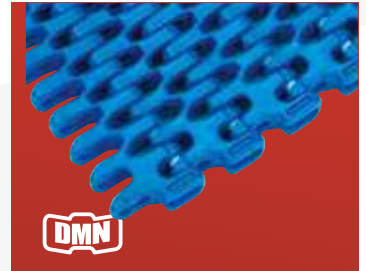
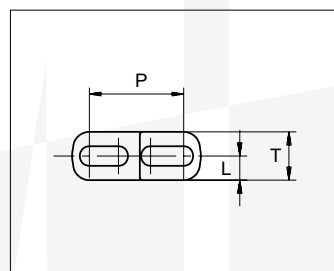
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FG 500 XLG	857.40.xx	4 to 80	4 to 65	13000	6.00	8
POSITRACK LEFT	FGP 500 XLG	874.05.xx					
POSITRACK RIGHT	FGP 500 XLG	874.06.xx					
POSITRACK TWO SIDES	FGP 500 XLG	874.04.xx					



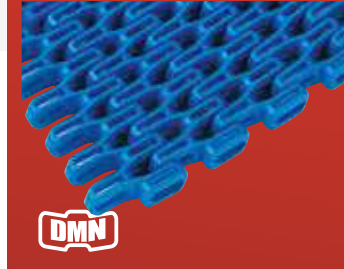
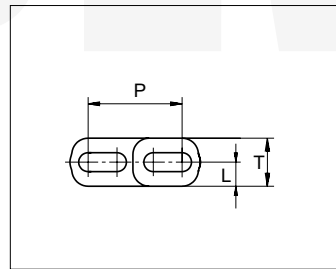
Plastic Modular Belt Flex SNB C R2.3



Plastic Modular Belt Flex SNB CR R1.6



Plastic Modular Belt Flex SNB L R2.3



Belt width		Permissible tensile force (Belt/pin material)												Belt weight (Belt/pin material)						*Min No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PBT				PP/PBT				PA6.6/PBT				POM-D /PBT		PP/PBT		PA6.6/PBT			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
153	6.0	4590	1032	600	135	2295	516	600	135	4590	1032	600	135	1.2	0.79	0.8	0.56	1.0	0.66	2	2	2
229	9.0	6870	1544	600	135	3435	772	600	135	6870	1544	600	135	1.8	1.19	1.2	0.83	1.5	0.98	2	2	2
305	12.0	9150	2057	600	135	4575	1028	600	135	9150	2057	600	135	2.3	1.58	1.6	1.11	2.0	1.31	3	3	2
381	15.0	11430	2569	600	135	5715	1285	600	135	11430	2569	600	135	2.9	1.97	2.1	1.38	2.4	1.64	3	3	2
457	18.0	13710	3082	600	135	6855	1541	600	135	13710	3082	600	135	3.5	2.36	2.5	1.66	2.9	1.97	5	4	2
534	21.0	16020	3601	600	135	8010	1801	600	135	16020	3601	600	135	4.1	2.76	2.9	1.94	3.4	2.30	5	4	2
610	24.0	18300	4114	600	135	9150	2057	600	135	18300	4114	600	135	4.7	3.16	3.3	2.21	3.9	2.62	5	5	3
686	27.0	20580	4626	600	135	10290	2313	600	135	20580	4626	600	135	5.3	3.55	3.7	2.49	4.4	2.95	5	5	3
762	30.0	22860	5139	600	135	11430	2569	600	135	22860	5139	600	135	5.9	3.94	4.1	2.77	4.9	3.28	7	6	3
838	33.0	25140	5651	600	135	12570	2826	600	135	25140	5651	600	135	6.5	4.34	4.5	3.04	5.4	3.60	7	6	3
914	36.0	27420	6164	600	135	13710	3082	600	135	27420	6164	600	135	7.0	4.73	4.9	3.32	5.8	3.93	7	7	4
990	39.0	29700	6677	600	135	14850	3338	600	135	29700	6677	600	135	7.6	5.12	5.3	3.59	6.3	4.26	7	7	4
1067	42.0	32010	7196	600	135	16005	3598	600	135	32010	7196	600	135	8.2	5.52	5.8	3.87	6.8	4.59	9	8	4
1143	45.0	34290	7708	600	135	17145	3854	600	135	34290	7708	600	135	8.8	5.91	6.2	4.15	7.3	4.92	9	8	4

Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

Flex SNB-CR locked with wearpart or O-tabs both sides are 6 mm wider than the dimensions in the table above.

*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).

**Max. Spacing between wear strips. Carry: 152 mm (6 in); Return: 304 mm (12 in).

Flex SNB C R2.3 / Flex SNB L R2.3

Belt width		Permissible tensile force (Belt/pin material)												Belt weight (Belt/pin material)						*Min No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PBT				PP/PBT				PA6.6/PBT						PP/PBT		PA6.6/PBT			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
76	3.0	2280	513	1000	225	1140	256	600	135	2280	513	1000	225	0.5	0.35	0.4	0.25	0.4	0.30	2	2	2
152	6.0	4561	1025	1000	225	2281	513	600	135	4561	1025	1000	225	1.0	0.71	0.7	0.49	0.9	0.59	2	2	2
228	9.0	6842	1538	1000	225	3421	769	600	135	6842	1538	1000	225	1.6	1.06	1.1	0.74	1.3	0.89	2	2	2
304	12.0	9124	2051	1000	225	4562	1025	600	135	9124	2051	1000	225	2.1	1.41	1.5	0.98	1.8	1.19	3	3	2
380	15.0	11405	2564	1000	225	5702	1282	600	135	11405	2564	1000	225	2.6	1.76	1.8	1.23	2.2	1.48	3	3	2
456	18.0	13686	3077	1000	225	6843	1538	600	135	13686	3077	1000	225	3.1	2.12	2.2	1.47	2.6	1.78	5	4	2
532	21.0	15967	3589	1000	225	7984	1795	600	135	15967	3589	1000	225	3.7	2.47	2.6	1.72	3.1	2.07	5	4	2
608	23.9	18248	4102	1000	225	9124	2051	600	135	18248	4102	1000	225	4.2	2.82	2.9	1.96	3.5	2.37	5	5	3
684	26.9	20530	4615	1000	225	10265	2308	600	135	20530	4615	1000	225	4.7	3.17	3.3	2.21	4.0	2.67	5	5	3
760	29.9	22811	5128	1000	225	11405	2564	600	135	22811	5128	1000	225	5.2	3.53	3.6	2.45	4.4	2.96	7	6	3
836	32.9	25092	5641	1000	225	12546	2820	600	135	25092	5641	1000	225	5.8	3.88	4.0	2.70	4.9	3.26	7	6	3
912	35.9	27373	6153	1000	225	13687	3077	600	135	27373	6153	1000	225	6.3	4.23	4.4	2.94	5.3	3.56	7	7	4
988	38.9	29654	6666	1000	225	14827	3333	600	135	29654	6666	1000	225	6.8	4.58	4.7	3.19	5.7	3.85	7	7	4

Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in)

1597	62.9	47910	10770	1000	225	23955	5385	600	135	47910	10770	1000	225	11.0	7.41	7.7	5.15	9.3	6.22	11	11	6
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Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in)

1977	77.8	59310	13333	1000	225	29655	6666	600	135	59310	13333	1000	225	13.6	9.17	9.5	6.38	11.5	7.71	15	14	7
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General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

Flex SNB-L locked with wearpart or O-tabs both sides are 6 mm wider than the dimensions in the table above.

*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf)

Flex SNB W R2.3 / Flex SNB WO R2.3

Belt width		Permissible tensile force (Belt/pin material)												Belt weight (Belt/pin material)						*Min No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/SS+ Reinforcement links				PP/SS+ Reinforcement links				PA6.6/SS+ Reinforcement links				POM-D/SS+ Reinforce- ment links	PP/SS+ Reinforce- ment links	PA6.6/SS+ Reinforce- ment links	**Carry (pcs)	**Return (pcs)				
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	3300	742	3525	792	3300	742	7050	1585	3300	742	2.8	1.91	2.4	1.58	2.6	1.74	2	2	2
311	12.2	9330	2097	3300	742	4665	1049	3300	742	9330	2097	3300	742	3.8	2.53	3.1	2.09	3.4	2.30	3	3	2
387	15.2	11610	2610	3300	742	5805	1305	3300	742	11610	2610	3300	742	4.7	3.15	3.9	2.60	4.3	2.86	3	3	2
463	18.2	13890	3122	3300	742	6945	1561	3300	742	13890	3122	3300	742	5.6	3.77	4.6	3.11	5.1	3.42	5	4	2
540	21.3	16200	3642	3300	742	8100	1821	3300	742	16200	3642	3300	742	6.5	4.39	5.4	3.63	5.9	3.99	5	4	2
616	24.3	18480	4154	3300	742	9240	2077	3300	742	18480	4154	3300	742	7.5	5.01	6.2	4.14	6.8	4.55	5	5	3
692	27.2	20760	4667	3300	742	10380	2333	3300	742	20760	4667	3300	742	8.4	5.63	6.9	4.65	7.6	5.12	5	5	3
768	30.2	23040	5179	3300	742	11520	2590	3300	742	23040	5179	3300	742	9.3	6.25	7.7	5.16	8.4	5.68	7	6	3
844	33.2	25320	5692	3300	742	12660	2846	3300	742	25320	5692	3300	742	10.2	6.86	8.4	5.67	9.3	6.24	7	6	3
920	36.2	27600	6204	3300	742	13800	3102	3300	742	27600	6204	3300	742	11.1	7.48	9.2	6.18	10.1	6.80	7	7	4
996	39.2	29880	6717	3300	742	14940	3359	3300	742	29880	6717	3300	742	12.1	8.10	10.0	6.69	11.0	7.36	7	7	4
1073	42.2	32190	7236	3300	742	16095	3618	3300	742	32190	7236	3300	742	13.0	8.73	10.7	7.21	11.8	7.93	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	4

Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in)

1606	63.2	48180	10831	3300	742	24090	5415	3300	742	48180	10831	3300	742	19.4	13.06	16.1	10.79	17.7	11.87	11	11	6
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Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in)

1986	78.2	59580	13394	3300	742	29790	6697	3300	742	59580	13394	3300	742	24.0	16.15	19.9	13.35	21.8	14.68	15	14	7
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General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).

Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.

Flex SNB WT R2.3 – PBT pins

Belt width		Permissible tensile force (Belt/pin material)												Belt weight (Belt/pin material)						*Min No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PBT				PP/PBT				PA6.6/PBT				POM-D/PBT		PP/PBT		PA6.6/PBT			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	1000	225	3525	792	1000	225	7050	1585	1000	225	1.6	1.09	1.1	0.76	1.4	0.92	2	2	2
311	12.2	9330	2097	1000	225	4665	1049	1000	225	9330	2097	1000	225	2.1	1.44	1.5	1.00	1.8	1.21	3	3	2
387	15.2	11610	2610	1000	225	5805	1305	1000	225	11610	2610	1000	225	2.7	1.79	1.9	1.25	2.2	1.51	3	3	2
463	18.2	13890	3122	1000	225	6945	1561	1000	225	13890	3122	1000	225	3.2	2.15	2.2	1.49	2.7	1.80	5	4	2
540	21.3	16200	3642	1000	225	8100	1821	1000	225	16200	3642	1000	225	3.7	2.50	2.6	1.74	3.1	2.10	5	4	2
616	24.3	18480	4154	1000	225	9240	2077	1000	225	18480	4154	1000	225	4.3	2.86	3.0	1.99	3.6	2.40	5	5	3
692	27.2	20760	4667	1000	225	10380	2333	1000	225	20760	4667	1000	225	4.8	3.21	3.3	2.23	4.0	2.70	5	5	3
768	30.2	23040	5179	1000	225	11520	2590	1000	225	23040	5179	1000	225	5.3	3.56	3.7	2.48	4.5	2.99	7	6	3
844	33.2	25320	5692	1000	225	12660	2846	1000	225	25320	5692	1000	225	5.8	3.91	4.1	2.72	4.9	3.29	7	6	3
920	36.2	27600	6204	1000	225	13800	3102	1000	225	27600	6204	1000	225	6.3	4.27	4.4	2.97	5.3	3.59	7	7	4
996	39.2	29880	6717	1000	225	14940	3359	1000	225	29880	6717	1000	225	6.9	4.62	4.8	3.21	5.8	3.88	7	7	4
1073	42.2	32190	7236	1000	225	16095	3618	1000	225	32190	7236	1000	225	7.4	4.98	5.2	3.46	6.2	4.18	9	8	4
1149	45.2	34470	7749	1000	225	17235	3874	1000	225	34470	7749	1000	225	7.9	5.33	5.5	3.71	6.7	4.48	9	8	4
1225	48.2	36750	8261	1000	225	18375	4131	1000	225	36750	8261	1000	225	8.5	5.68	5.9	3.95	7.1	4.77	9	9	5

Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1606	63.2	48180	10831	1000	225	24090	5415	1000	225	48180	10831	1000	225	11.1	7.45	7.7	5.18	9.3	6.26	11	11	6
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Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1986	78.2	59580	13394	1000	225	29790	6697	1000	225	59580	13394	1000	225	13.7	9.21	9.5	6.41	11.5	7.74	15	14	7
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General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).

Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.

*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).

Flex SNB WT R2.3 – SS pins

Belt width		Permissible tensile force (Belt/pin material)												Belt weight (Belt/pin material)						*Min No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/SS +Reinforcement links				PP/SS +Reinforcement links				PA6.6/SS +Reinforcement links				POM-D/SS+ Reinforce- ment links		PP/SS+ Reinforce- ment links		PA6.6/SS+ Reinforce- ment links			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	3300	742	3525	792	3300	742	7050	1585	3300	742	2.8	1.91	2.4	1.58	2.6	1.74	2	2	2
311	12.2	9330	2097	3300	742	4665	1049	3300	742	9330	2097	3300	742	3.8	2.53	3.1	2.09	3.4	2.30	3	3	2
387	15.2	11610	2610	3300	742	5805	1305	3300	742	11610	2610	3300	742	4.7	3.15	3.9	2.60	4.3	2.86	3	3	2
463	18.2	13890	3122	3300	742	6945	1561	3300	742	13890	3122	3300	742	5.6	3.77	4.6	3.11	5.1	3.42	5	4	2
540	21.3	16200	3642	3300	742	8100	1821	3300	742	16200	3642	3300	742	6.5	4.39	5.4	3.63	5.9	3.99	5	4	2
616	24.3	18480	4154	3300	742	9240	2077	3300	742	18480	4154	3300	742	7.5	5.01	6.2	4.14	6.8	4.55	5	5	3
692	27.2	20760	4667	3300	742	10380	2333	3300	742	20760	4667	3300	742	8.4	5.63	6.9	4.65	7.6	5.12	5	5	3
768	30.2	23040	5179	3300	742	11520	2590	3300	742	23040	5179	3300	742	9.3	6.25	7.7	5.16	8.4	5.68	7	6	3
844	33.2	25320	5692	3300	742	12660	2846	3300	742	25320	5692	3300	742	10.2	6.86	8.4	5.67	9.3	6.24	7	6	3
920	36.2	27600	6204	3300	742	13800	3102	3300	742	27600	6204	3300	742	11.1	7.48	9.2	6.18	10.1	6.80	7	7	4
996	39.2	29880	6717	3300	742	14940	3359	3300	742	29880	6717	3300	742	12.1	8.10	10.0	6.69	11.0	7.36	7	7	4
1073	42.2	32190	7236	3300	742	16095	3618	3300	742	32190	7236	3300	742	13.0	8.73	10.7	7.21	11.8	7.93	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	4
1225	48.2	36750	8261	3300	742	18375	4131	3300	742	36750	8261	3300	742	14.8	9.96	12.3	8.23	13.5	9.06	9	9	5

Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1606	63.2	48180	10831	3300	742	24090	5415	3300	742	48180	10831	3300	742	19.4	13.06	16.1	10.79	17.7	11.87	11	11	6
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Additional standard belt widths are available in steps of 76.0 mm (2.99 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1986	78.2	59580	13394	3300	742	29790	6697	3300	742	59580	13394	3300	742	24.0	16.15	19.9	13.35	21.8	14.68	15	14	7
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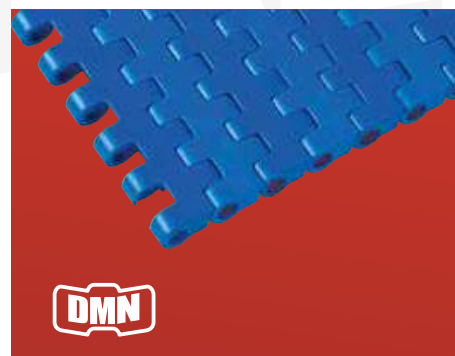
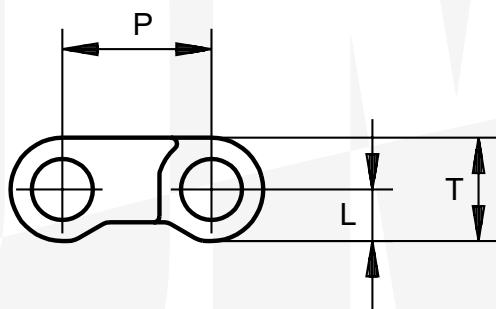
General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).

Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.

*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).

Plastic Modular Belt M QNB - C



Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-SFL/PP POM-EC/PP		PP/PP		PE/PE		POM-SFL/PP POM-EC/PP		PP/PP		PE/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
25	1.0	475	107	325	73	200	45	0.2	0.14	0.2	0.10	0.1	0.10	1	1	1
39	1.5	741	167	507	114	312	70	0.3	0.21	0.2	0.16	0.2	0.15	1	1	1
45	1.8	855	192	585	132	360	81	0.4	0.25	0.3	0.18	0.3	0.18	2	1	1
77	3.0	1463	329	1001	225	616	138	0.6	0.42	0.5	0.32	0.5	0.31	2	2	2
153	6.0	2907	653	1989	447	1224	275	1.3	0.84	0.9	0.63	0.9	0.61	2	2	2
229	9.0	4351	978	2977	669	1832	412	1.9	1.26	1.4	0.94	1.4	0.91	3	2	2
305	12.0	5795	1303	3965	891	2440	549	2.5	1.68	1.9	1.25	1.8	1.21	4	3	2
382	15.0	7258	1632	4966	1116	3056	687	3.1	2.11	2.3	1.57	2.3	1.51	4	3	2
458	18.0	8702	1956	5954	1338	3664	824	3.8	2.52	2.8	1.88	2.7	1.82	5	4	2
534	21.0	10146	2281	6942	1561	4272	960	4.4	2.94	3.3	2.19	3.2	2.12	6	4	2
610	24.0	11590	2605	7930	1783	4880	1097	5.0	3.36	3.7	2.50	3.6	2.42	7	5	3
687	27.0	13053	2934	8931	2008	5496	1236	5.6	3.79	4.2	2.82	4.1	2.72	7	5	3
763	30.0	14497	3259	9919	2230	6104	1372	6.3	4.20	4.7	3.13	4.5	3.03	8	6	3

Additional standard belt widths are available in steps of 76.3 mm (3.00 in.) Additional non-standard belt widths are available in steps of 38.1 mm (1.50 in.)

1983	78.1	37677	8470	25779	5795	15864	3566	16.3	10.93	12.1	8.13	11.7	7.86	20	14	7
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Additional standard belt widths are available in steps of 76.3 mm (3.00 in.) Additional non-standard belt widths are available in steps of 38.1 mm (1.50 in.)

2974	117.1	56506	12703	38662	8691	23792	5348	24.4	16.39	18.1	12.19	17.5	11.79	30	20	10
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General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

The belt width in PE is 0.3 % wider than the belt width in the table.

*Max. Load per Drive Sprocket. Belt material: POM-SLF 1000 N (225 lbf), PP 800 N (180 lbf), PE 800 N (180 lbf), POM-EC 1000 N (225 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

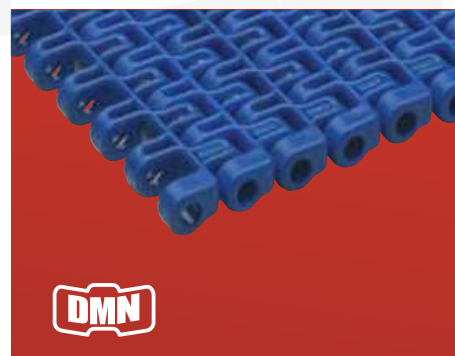
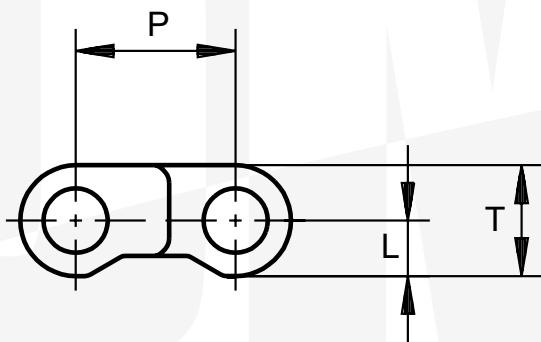
Straight running belt Nominal pitch: 12.7 mm (0.50 in) Surface type: Flat Surface opening: Closed
Backflex radius: 20.0 mm (0.80 in) Pin diameter: 5 mm (0.20 in)



Rubber Top



Plastic Modular Belt SNB M2 14%



Belt width		Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PP		POM-D/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
77	3.0	1155	260	0.5	0.33	2	2	2
153	6.0	2295	516	1.0	0.65	2	2	2
229	9.0	3435	772	1.4	0.97	2	2	2
305	12.0	4575	1028	1.9	1.29	3	3	2
381	15.0	5715	1285	2.4	1.61	3	3	2
458	18.0	6870	1544	2.9	1.94	4	4	2
534	21.0	8010	1801	3.4	2.26	4	4	2
610	24.0	9150	2057	3.8	2.58	5	5	3
686	27.0	10290	2313	4.3	2.90	5	5	3
762	30.0	11430	2569	4.8	3.23	6	6	3
839	33.0	12585	2829	5.3	3.55	6	6	3
915	36.0	13725	3085	5.8	3.87	7	7	4

Additional standard belt widths are available in steps of 76.2 mm (3.00 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1982	78.0	29730	6683	12.5	8.39	14	14	7
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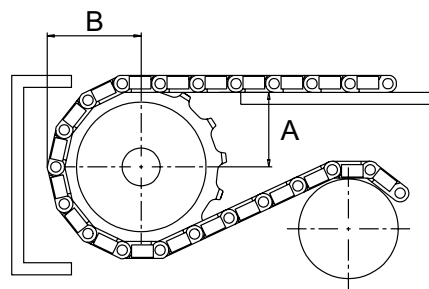
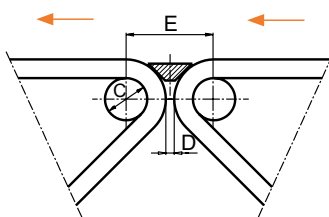
Additional standard belt widths are available in steps of 76.2 mm (3.00 in) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

2972	117.0	44580	10022	18.7	12.58	20	20	10
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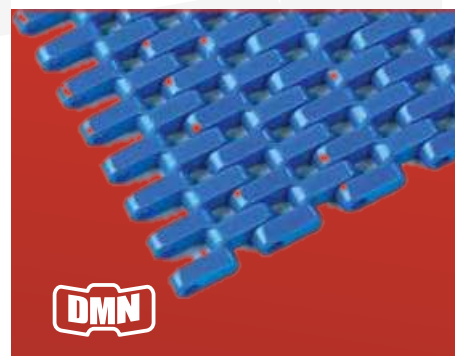
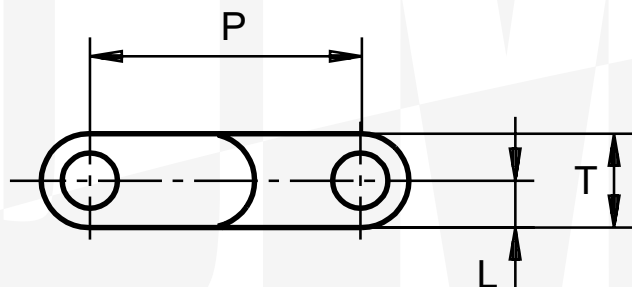
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf)

**Max. Spacing between wear strips. Carry: 152 mm (6 in); Return: 304 mm (12 in)

Straight running belt Nominal pitch: 12.7 mm (0.50 in) Surface type: Flat Surface opening: 14%
Backflex radius: 20.0 mm (0.80 in) Pin diameter: 5 mm (0.20 in)



Plastic Modular Belt SNB M2 20%



Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PA6.6		PP/PA6.6		PE/PA6.6		POM-D/PA6.6		PP/PA6.6		PE/PA6.6			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
77	3.0	1810	407	1155	260	770	173	0.5	0.33	0.3	0.22	0.3	0.23	2	2	2
153	6.0	3596	808	2295	516	1530	344	1.0	0.65	0.7	0.44	0.7	0.45	2	2	2
191	7.5	4489	1009	2865	644	1910	429	1.2	0.81	0.8	0.55	0.8	0.56	2	2	2
229	9.0	5382	1210	3435	772	2290	515	1.4	0.97	1.0	0.66	1.0	0.68	2	2	2
305	12.0	7168	1611	4575	1028	3050	686	1.9	1.29	1.3	0.88	1.3	0.90	3	3	2
381	15.0	8954	2013	5715	1285	3810	856	2.4	1.61	1.6	1.10	1.7	1.13	3	3	2
457	18.0	10740	2414	6855	1541	4570	1027	2.9	1.93	2.0	1.32	2.0	1.35	4	4	2
533	21.0	12526	2816	7995	1797	5330	1198	3.4	2.26	2.3	1.54	2.3	1.58	4	4	2
609	24.0	14312	3217	9135	2054	6090	1369	3.8	2.58	2.6	1.76	2.7	1.80	5	5	3
685	27.0	16098	3619	10275	2310	6850	1540	4.3	2.90	2.9	1.98	3.0	2.03	5	5	3
761	30.0	17884	4020	11415	2566	7610	1711	4.8	3.22	3.3	2.20	3.3	2.25	6	6	3
837	33.0	19670	4422	12555	2822	8370	1882	5.3	3.54	3.6	2.42	3.7	2.48	6	6	3
913	35.9	21456	4823	13695	3079	9130	2052	5.8	3.87	3.9	2.64	4.0	2.70	7	7	4

Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1978	77.9	46483	10449	29670	6670	19780	4447	12.5	8.37	8.5	5.72	8.7	5.85	14	14	7
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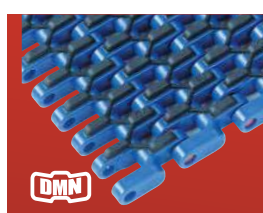
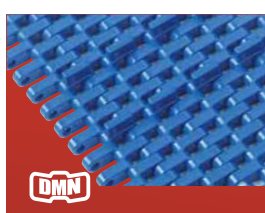
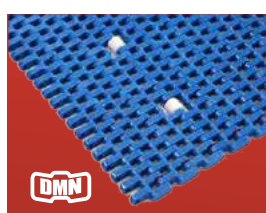
Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

2967	116.8	69725	15674	44505	10005	29670	6670	18.7	12.56	12.8	8.57	13.1	8.77	20	20	10
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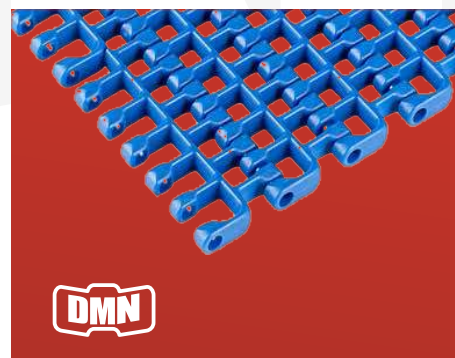
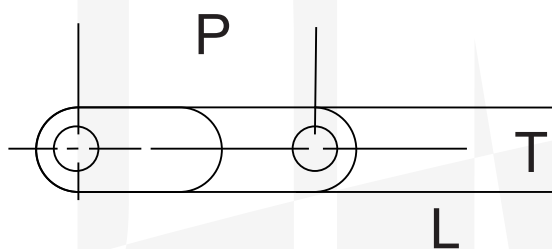
*Max. Load per Drive Sprocket. Belt material: POM-D 1400 N (315 lbf), PP 1100 N (247 lbf), PE 1100 N (247 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in.) ; Return: 304 mm (12 in.).

Straight running belt Nominal pitch: 25.4 mm (1.00 in) Surface type: Flat Surface opening: 20%
Backflex radius: 30.0 mm (1.20 in) Pin diameter: 5.0 mm (0.20 in)



Plastic Modular Belt SNB M2 50%



Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		PP/PP		PA6.6/PP		PP/PP		PA6.6/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
153	6.0	1836	413	3060	688	0.5	0.31	0.6	0.38	2	2	2
229	9.0	2748	618	4580	1030	0.7	0.47	0.8	0.56	2	2	2
305	12.0	3660	823	6100	1371	0.9	0.62	1.1	0.75	3	3	2
381	15.0	4572	1028	7620	1713	1.2	0.78	1.4	0.94	3	3	2
457	18.0	5484	1233	9140	2055	1.4	0.93	1.7	1.13	4	4	2
533	21.0	6396	1438	10660	2396	1.6	1.09	2.0	1.31	4	4	2
609	24.0	7308	1643	12180	2738	1.8	1.24	2.2	1.50	5	5	3
685	27.0	8220	1848	13700	3080	2.1	1.39	2.5	1.69	5	5	3
761	30.0	9132	2053	15220	3421	2.3	1.55	2.8	1.88	6	6	3
837	33.0	10044	2258	16740	3763	2.5	1.70	3.1	2.06	6	6	3
913	35.9	10956	2463	18260	4105	2.8	1.86	3.4	2.25	7	7	4
989	38.9	11868	2668	19780	4447	3.0	2.01	3.6	2.44	7	7	4
1065	41.9	12780	2873	21300	4788	3.2	2.17	3.9	2.63	8	8	4

Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1977	77.8	23724	5333	39540	8889	6.0	4.03	7.3	4.88	14	14	7
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Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

2965	116.7	35580	7998	59300	13331	9.0	6.04	10.9	7.31	20	20	10
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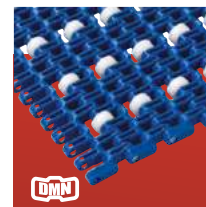
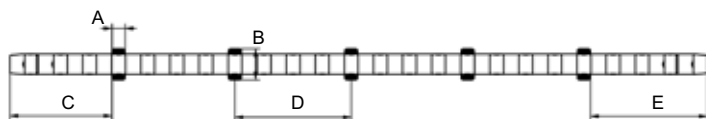
Straight running belt Nominal pitch: 25.4 mm (1.00 in) Surface type: Flat Surface opening: 50% Backflex radius: 30.0 mm (1.20 in)

Pin diameter: 5.0 mm (0.20 in)

Belt widths in PA66 is 0,2 % wider than the belt widths in the table above.

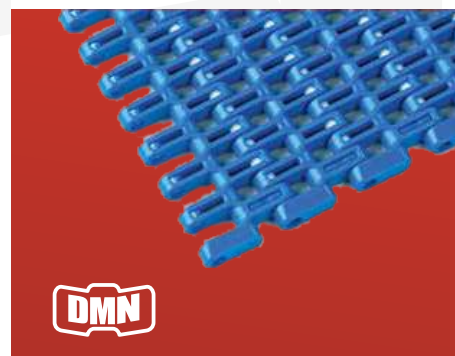
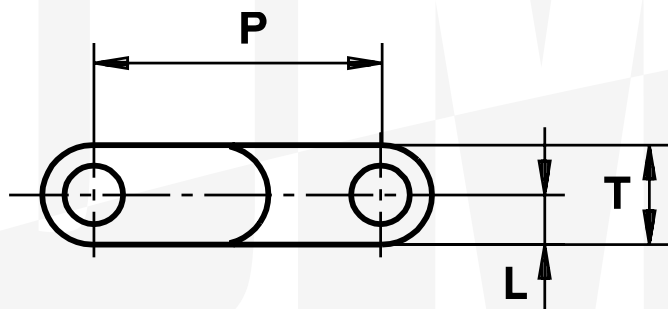
*Max. Load per Drive Sprocket. Belt material: PP 1100 N (247 lbf); PA66 1400 N (315 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).



Type	Roller material & color	A		B		C		D		E	
		mm	in	mm	in	mm	in	mm	in	mm	in
Plastic	POM-D W	5.7	0.22	13.5	0.53	44.6	1.75	50.8	2.00	51.0	2.01

Plastic Modular Belt SNB M2 34%



Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-D/PP		PP/PP		PE/PE		POM-D/PP		PP/PP		PE/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
45	1.8	1034	232	660	148	440	99	0.3	0.19	0.2	0.13	0.2	0.13	2	1	1
77	3.0	1810	407	1155	260	770	173	0.5	0.33	0.3	0.22	0.3	0.23	2	2	2
153	6.0	3596	808	2295	516	1530	344	1.0	0.65	0.7	0.44	0.7	0.45	2	2	2
229	9.0	5382	1210	3435	772	2290	515	1.4	0.97	1.0	0.66	1.0	0.68	2	2	2
305	12.0	7168	1611	4575	1028	3050	686	1.9	1.29	1.3	0.88	1.3	0.90	3	3	2
381	15.0	8954	2013	5715	1285	3810	856	2.4	1.61	1.6	1.10	1.7	1.13	3	3	2
457	18.0	10740	2414	6855	1541	4570	1027	2.9	1.93	2.0	1.32	2.0	1.35	4	4	2
533	21.0	12526	2816	7995	1797	5330	1198	3.4	2.26	2.3	1.54	2.3	1.58	4	4	2
609	24.0	14312	3217	9135	2054	6090	1369	3.8	2.58	2.6	1.76	2.7	1.80	5	5	3
686	27.0	16121	3624	10290	2313	6860	1542	4.3	2.90	2.9	1.98	3.0	2.03	5	5	3
762	30.0	17907	4025	11430	2569	7620	1713	4.8	3.23	3.3	2.20	3.4	2.25	6	6	3
838	33.0	19693	4427	12570	2826	8380	1884	5.3	3.55	3.6	2.42	3.7	2.48	6	6	3
914	36.0	21479	4828	13710	3082	9140	2055	5.8	3.87	3.9	2.64	4.0	2.70	7	7	4

Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1799	77.9	46507	10455	29685	6673	19790	4449	12.5	8.38	8.5	5.72	8.7	5.85	14	14	7
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Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

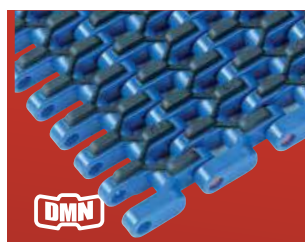
2969	116.9	69772	15685	44535	10011	29690	6674	18.7	12.57	12.8	8.58	13.1	8.78	20	20	10
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Straight running belt Nominal pitch: 25.4 mm (1.00 in) Surface type: Flat Surface opening: 34%
Backflex radius: 30.0 mm (1.20 in) Pin diameter: 5 mm (0.20 in)

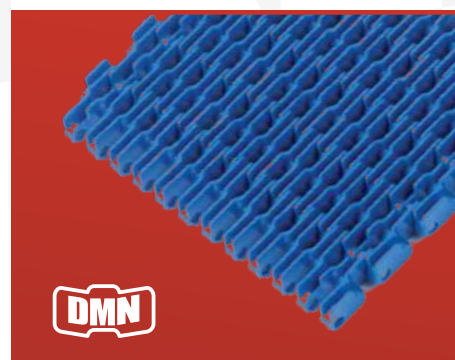
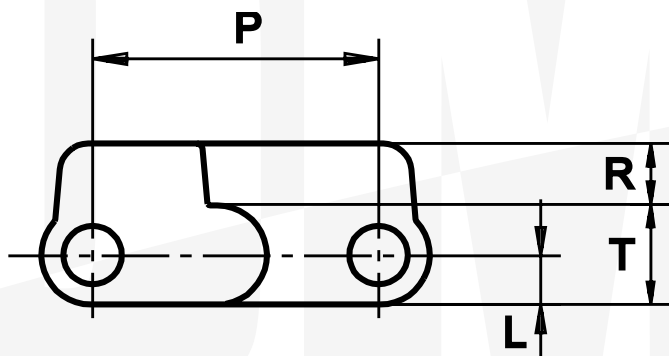
General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-D 1400 N (315 lbf). PP 1100 N (247 lbf). PE 1100 N (247 lbf).

**Max. Spacing between wear strips. Carry: 152 mm (6 in); Return: 304 mm (12 in).



Plastic Modular Belt SNB M2 34% RIB



Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-SLF/PP		PP/PP		POM-SLF/PP		PP/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	Kg/m	lb/ft	Kg/m	lb/ft			
77	3.0	1810	407	1155	260	0.5	0.33	0.3	0.22	2	2	2
153	6.0	3596	808	2295	516	1.0	0.65	0.7	0.44	2	2	2
229	9.0	5382	1210	3435	772	1.4	0.97	1.0	0.66	2	2	2
305	12.0	7168	1611	4575	1028	1.9	1.29	1.3	0.88	3	3	2
381	15.0	8954	2013	5715	1285	2.4	1.61	1.6	1.10	3	3	2
457	18.0	10740	2414	6855	1541	2.9	1.93	2.0	1.32	4	4	2
533	21.0	12526	2816	7995	1797	3.4	2.26	2.3	1.54	4	4	2
609	24.0	14312	3217	9135	2054	3.8	2.58	2.6	1.76	5	5	3
685	27.0	16098	3619	10275	2310	4.3	2.90	2.9	1.98	5	5	3
761	30.0	17884	4020	11415	2566	4.8	3.22	3.3	2.20	6	6	3
837	33.0	19670	4422	12555	2822	5.3	3.54	3.6	2.42	6	6	3
913	35.9	21456	4823	13695	3079	5.8	3.87	3.9	2.64	7	7	4
989	38.9	23242	5225	14835	3335	6.2	4.19	4.3	2.86	7	7	4

Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1979	77.9	46507	10455	29685	6673	12.5	8.38	8.5	5.72	14	14	7
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Additional standard belt widths are available in steps of 76.1 mm (3.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

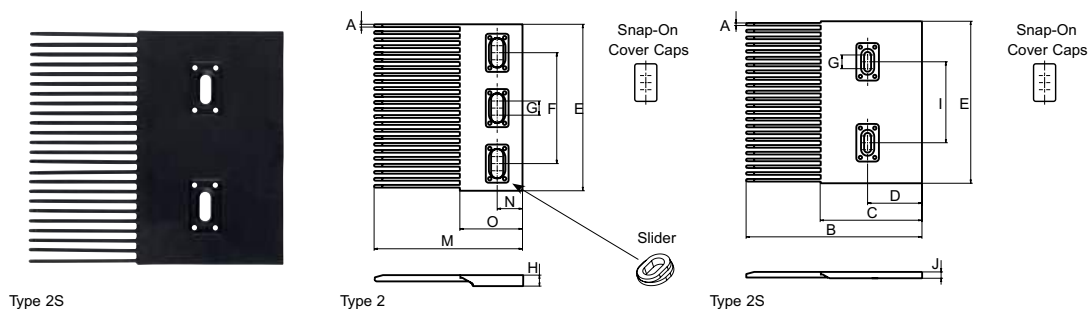
2969	116.9	69772	15685	44535	10011	18.7	12.57	12.8	8.58	20	20	10
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Straight running belt Nominal pitch: 25.4 mm (1.00 in) Surface type: Rib Top Surface opening: 34%

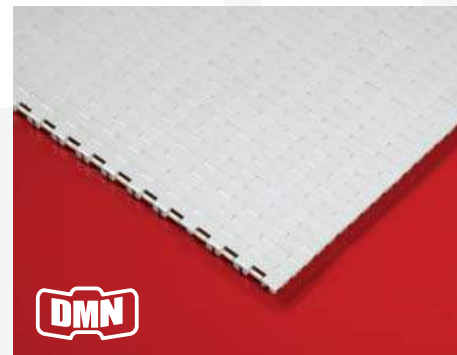
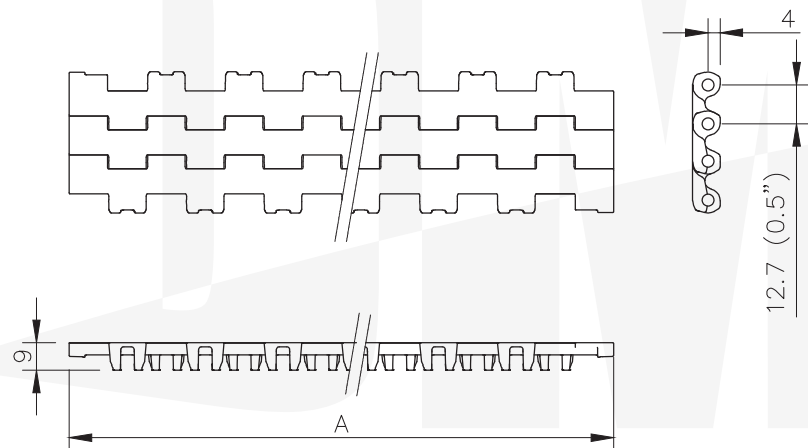
Backflex radius: 30.0 mm (1.20 in) Pin diameter: 5 mm (0.20 in)

*Max. Load per Drive Sprocket. Belt material: POM-D 1400 N (315 lbf), PP 1100 N (247 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).



FLAT TOP 515



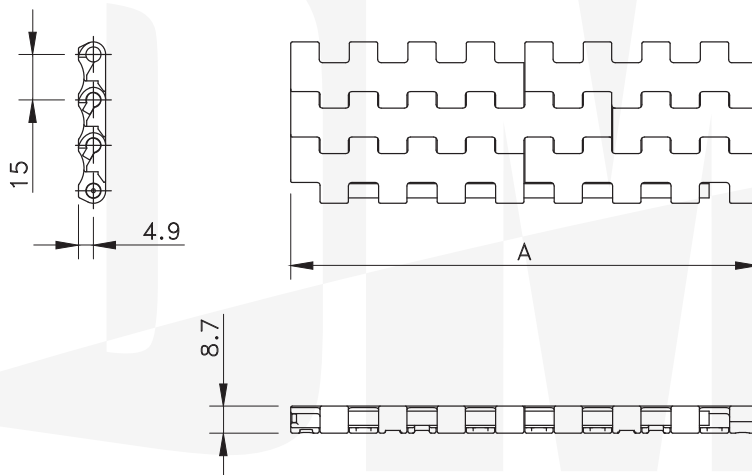
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WLT-POLYETHYLENE WITH POLYESTER PINS							
STANDARD	WLT 515	846.42.02	-40 to +35	-40 to +35	3000	4.40	15
BLT-POLYETHYLENE WITH POLYESTER PINS							
STANDARD	BLT 515	846.42.52	-40 to +35	-40 to +35	3000	4.40	15
WHT-POLYPROPYLENE WITH POLYESTER PINS							
STANDARD	WHT 515	849.42.02	4 to 80	4 to 65	5000	4.20	15
BHT-POLYPROPYLENE WITH POLYESTER PINS							
STANDARD	BHT 515	849.42.52	4 to 80	4 to 65	5000	4.20	15
WSM-ACETAL WITH POLYESTER PINS							
STANDARD	WSM 515	844.42.02	-40 to +80	-40 to +65	7500	6.10	15
SMB-ACETAL WITH POLYESTER PINS							
STANDARD	SMB 515	844.42.52	-40 to +80	-40 to +65	7500	6.10	15

* In code numbers xx corresponds with the belt width (A), for White belts (WLT, WHT, WSM) starting with 02 for 4, 03 for 5", for Blue belts (BLT, BHT, SMB) starting with 52 for 4", 53 for 5", and so on in steps of 1", up to 44";

FEATURES



- When turning over a small roller and/or nose bar (suitable for up to 20mm) the hinges open, exposing a large pin surface, offering excellent cleaning possibilities. The hinge design is extremely open and accessible, so a large surface of the pin and the inside of the hinge can be cleaned directly.
- The bottom of the module is rounded, improving drainage and reducing drying time of the belt after cleaning.
- The belt is supplied mould-to-width up to 12 inch, avoiding adjacent surfaces between the modules. The hinges are ½ inch wide, reducing the number of adjacent surfaces in-between.
- Smooth running at high speeds (up to 2 m/s) and low noise operation. Bi-directional; virtual no chordal action due to the specific hinge design and therefore smooth handling of most vulnerable.
- Double teeth rows fully closed machine sprockets, ideal for cleaning. Sprocket well positioned and retained sideways. Sprockets drive on the pin (roller chain principle).
- Small transfers, total centre to centre distance 43 mm only.
- Moulded pin with T-shaped pin retention. Minimum of pin coverage by eyes (front and bottom) and easy pin retention without loose parts.



FLAT TOP 1505 IMPERIAL SIZES



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH PBT PINS							
STANDARD	HP 1505	I1505HPKxx	-40 to +80	-40 to +65	13200	6.24	16
DTS LEFT	HP 1505 DTS SX	81413971					
DTS RIGHT	HP 1505 DTS DX	81414111					
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 1505	I1505HTKxx	5 to 105	5 to 105	7300	4.52	16
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1505	I1505WLTKxx	-70 to +35	-70 to +35	2800	4.80	16
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1505	I1505BLTKxx	-70 to +35	-70 to +35	2800	4.80	16
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	WHT 1505	I1505WHTKxx	4 to 80	4 to 65	7300	4.50	16
BHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	BHT 1505	I1505BHTKxx	4 to 80	4 to 65	7300	4.50	16
WSM-ACETAL WITH PBT PINS							
STANDARD	WSM 1505	I1505WSMKxx	-40 to +80	-40 to +65	13200	6.20	16
SMB-ACETAL WITH PBT PINS							
STANDARD	SMB 1505	I1505SMBKxx	-40 to +80	-40 to +65	13200	6.20	16

In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 3" with 3" increments, or optionally ¾" up to 96". NOTE: ¾" is impossible. Example: I1505HPK06.75 is a 6.75" wide belt. If you need flights or sideguards, describe the belt by choosing from the required options listed in the 2nd column of the table:

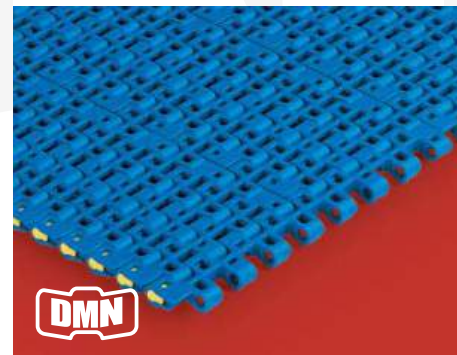
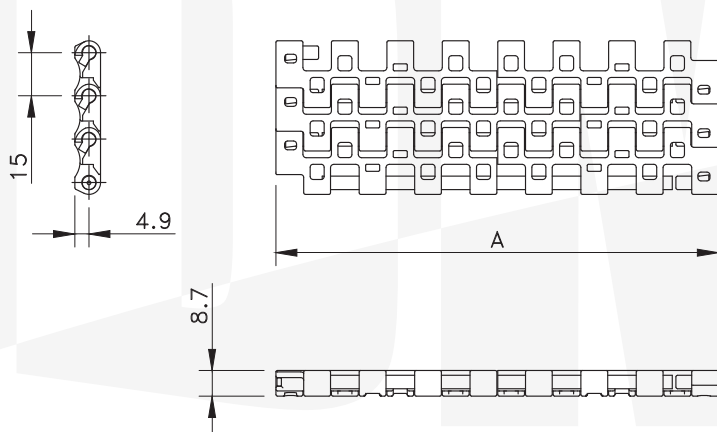


FEATURES



- The 15 mm pitch in combination with the curved underside of the belt reduces chordal action and permits the use of very short transfer plates or no transfer plates at all.
- The small pitch ensures perfect product handling, even for the most vulnerable products.
- Practical plug pin retention system allows easy installation and maintenance; metric executions have orange plugs, imperial versions have a yellow pin retention.
- Belt and sprocket design ensure optimum engagement and a reliable, bi-directional drive.

FLUSH GRID 1506 IMPERIAL SIZES

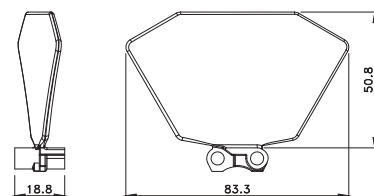
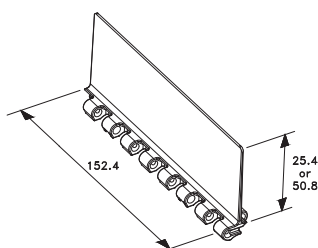


Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH PBT PINS							
STANDARD	HP 1506	I1506HPKxx	-40 to +80	-40 to +65	13200	6.24	16
DTS LEFT	HP 1505 DTS SX	81413971					
DTS RIGHT	HP 1505 DTS DX	81414111					
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 1506	I1506HTKxx	5 to 105	5 to 105	7300	4.52	16
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1506	I1506WLTkxx	-70 to +35	-70 to +35	2800	4.80	16
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1506	I1506BLTKxx	-70 to +35	-70 to +35	2800	4.80	16
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	WHT 1506	I1506WHTKxx	4 to 80	4 to 65	7300	4.50	16
BHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	BHT 1506	I1506BHTKxx	4 to 80	4 to 65	7300	4.50	16
WSM-ACETAL WITH PBT PINS							
STANDARD	WSM 1506	I1506WSMKxx	-40 to +80	-40 to +65	13200	6.20	16
SMB-ACETAL WITH PBT PINS							
STANDARD	SMB 1506	I1506SMBKxx	-40 to +80	-40 to +65	13200	6.20	16

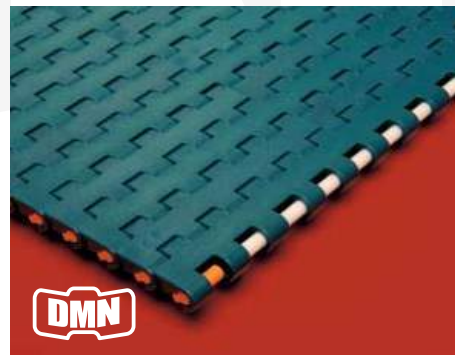
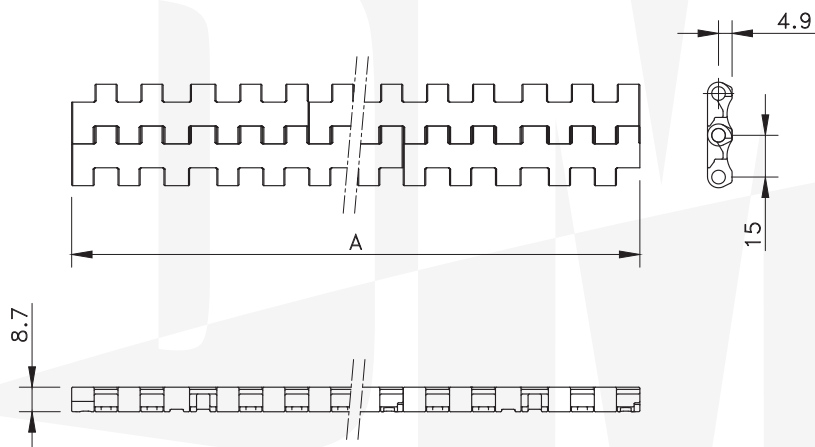
In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 3" (76.2 mm), with 3" increments, or optionally ¾" up to 120".

NOTE: ¾" is impossible. Example: I1506HPK06.75 is a 6.75" wide belt. If you need flights or sideguards, describe the belt by choosing from the required options listed in the 2nd column of the table

Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1506	
Width (A)	K.. (in inches)	
Flights	F1 or F2 or H..	Standard height of 1" (25.4 mm), 2" (50.8 mm) or special height in mm
Pitch between flights	T..P	Flights on every .. th row
Flight side-indent	N.. (in inches)	Minimal 1 7/8" (48 mm) with ¾" (19 mm) increments
Sideguards	SG2	Standard height of 2"

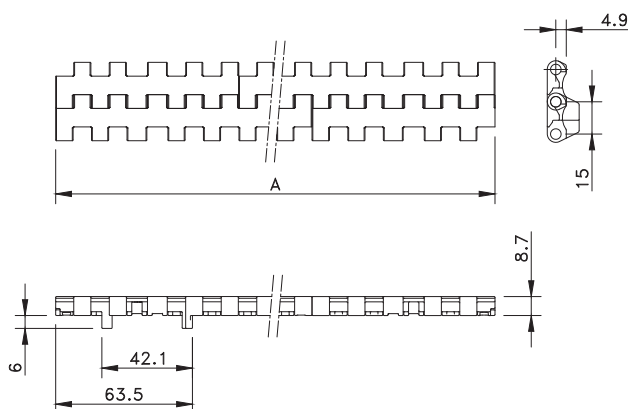


FLAT TOP 1505 METRIC SIZES

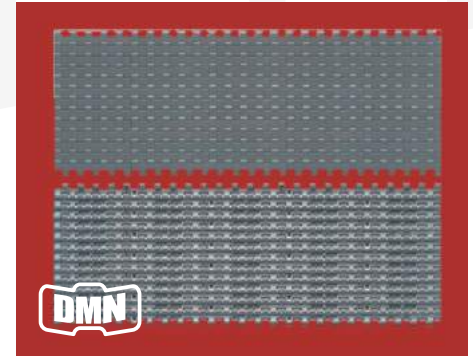
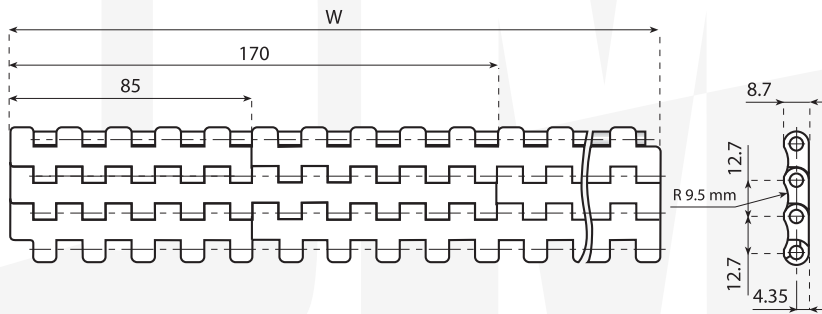


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	FT 1505 XLG	873.44.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	FTDP 1505 XLG	873.54.xx					
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FT 1505 XP	873.46.xx	4 to 104	4 to 104	7300	4.49	25
DOUBLE POSITRACK	FTDP 1505 XP	873.56.xx					
WSM-ACETAL WITH PBT PINS							
STANDARD	WSM 1505 FT	873.48.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	WSM 1505 FTDP	873.57.xx					
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	WHT 1505 FT	873.49.xx	4 to 104	4 to 104	7300	4.49	25
DOUBLE POSITRACK	WHT 1505 FTDP	873.58.xx					

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on in steps of 85 mm, up to 6120 mm; wider belts upon request. Cut to width options are possible.

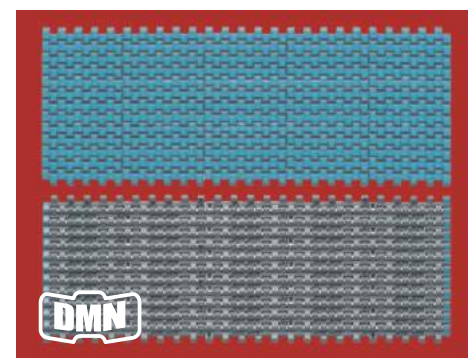
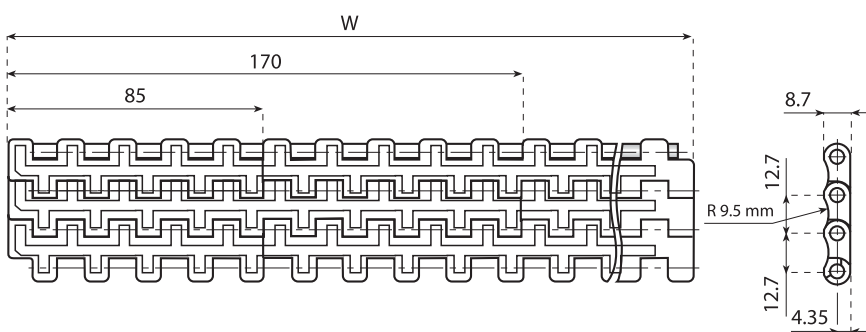


2120 FT

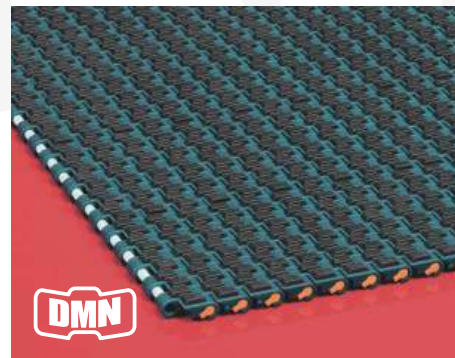
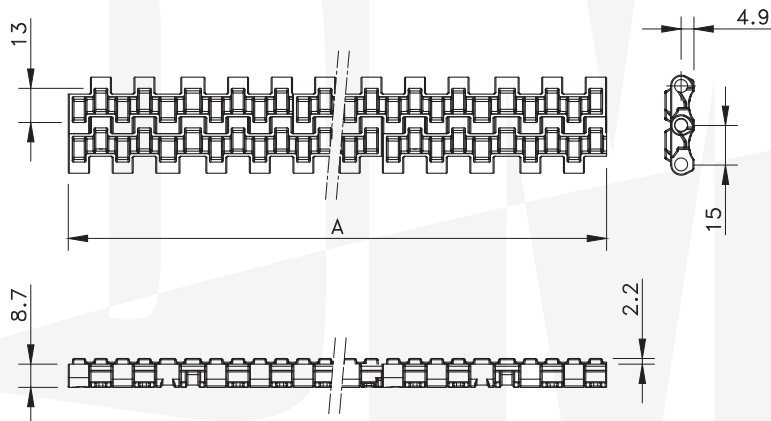


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL							
Rods	2120 H FT	2120SP2P	4 to 80	4 to 65	20000	8.8	10

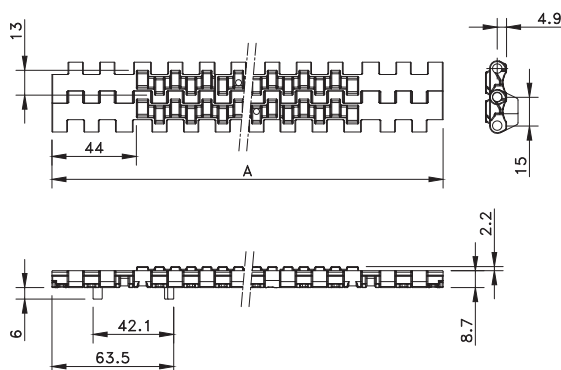
PLASTIC MODULAR BELT



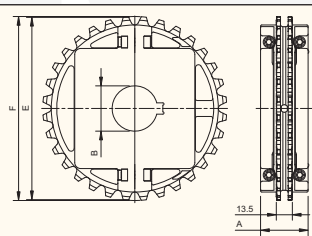
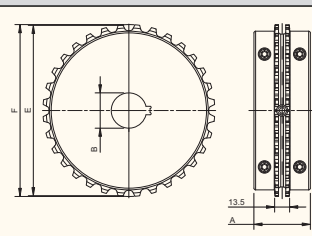
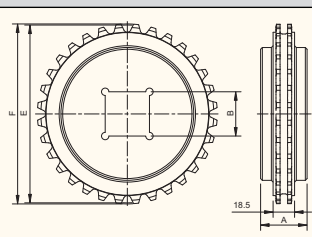
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLG-ACETAL							
Rods	2120 H FT	2120SP2P	4 to 80	4 to 65	20000	8.8	10

FLAT TOP 1505 SUPERGRIP


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	SG 1505 XLG	878.00.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	SGDP 1505 XLG	878.12.xx					
SIDE-INDENT	SGS 1505 XLG	878.01.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 XLG	878.13.xx					
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	SG 1505 XP	878.02.xx	4 to 80	4 to 65	7300	4.49	25
DOUBLE POSITRACK	SGDP 1505 XP	878.14.xx					
SIDE-INDENT	SGS 1505 XP	878.03.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 XP	878.15.xx					
WSM-ACETAL WITH PBT PINS							
STANDARD	SG 1505 WSM	878.06.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	SGDP 1505 WSM	878.16.xx					
SIDE-INDENT	SGS 1505 WSM	878.07.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 WSM	878.17.xx					
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD (P.T., B.H.T., S.M.B.) starting with 52 for 4", 53 for 5" and so on in steps of 1", up to 44".	SG 1505 WHT	878.04.xx	4 to 80	4 to 65	7300	4.49	25
DOUBLE POSITRACK	SGDP 1505 WHT	878.18.xx					
SIDE-INDENT	SGS 1505 WHT	878.05.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 WHT	878.19.xx					

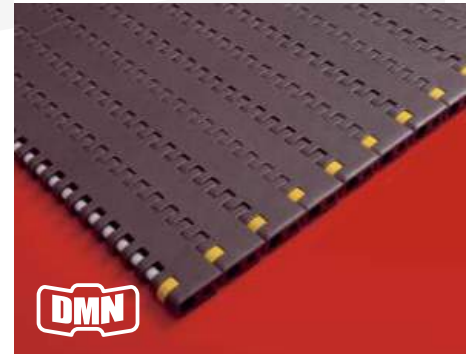
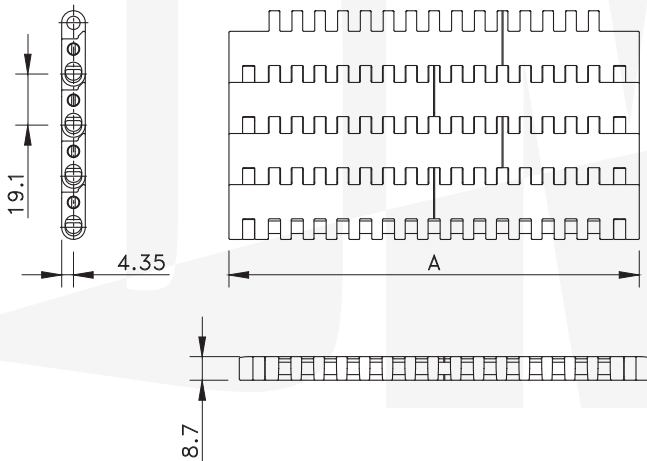


MODULAR SPROCKETS 1500 Series

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	
SPLIT SPROCKETS 1505 INJECTION MOULDED							
ROUND BORES							 
NS 1500 T24 R25	614-213-7	24	25	114.9	115.5	40.0	
NS 1500 T24 R30	614-213-1	24	30				
NS 1500 T24 R35	614-213-6	24	35				
NS 1500 T24 R40	614-213-4	24	40				
NS 1500 T32 R25	614-212-8	32	25	153.4	154.8		
NS 1500 T32 R30	614-212-1	32	30				
NS 1500 T32 R35	614-212-6	32	35				
NS 1500 T32 R40	614-212-2	32	40				
SQUARE BORES							
NS 1500 T24 S40	614-142-2	24	40	114.9	115.5	40.0	
NS 1500 T24 S60	614-142-1	24	60				
NS 1500 T32 S40	614-211-1	32	40	153.4	154.8		
NS 1500 T32 S60	614-211-2	32	60				
SPLIT SPROCKETS 1505 MACHINED							
ROUND BORES							 
KUS 1500 T24 R25	614-284-5	24	25	114.9	115.5	50.8	
KUS 1500 T24 R30	614-284-1	24	30				
KUS 1500 T24 R35	614-284-6	24	35				
KUS 1500 T24 R40	614-284-2	24	40				
CLASSIC SPROCKETS 1505 MACHINED							
ROUND BORES							 
KU 1500 T12 R30	114-3625-22	12	30	58.1	58.2	24.1	
KU 1500 T16 R30	114-3756-28	16	30	77.1	77.7	31.8	
KU 1500 T24 R30	114-2727-7	24	30	114.9	115.5	40.0	
KU 1500 T24 R40	114-2727-8	24	40				
KU 1500 T32 R30	114-2812-6	32	30	153.4	154.8	40.0	
KU 1500 T32 R40	114-2812-12	32	40				
SQUARE BORES							 
KU 1500 T24 S25	114-4518-4	24	25	114.9	115.5	40.0	
KU 1500 T32 S40	114-2813-10	32	40	153.4	154.8	40.0	



SOLID TOP 8505



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 8505	I8505HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS LEFT/POSITRACK	HP 8505 K450 DTS-SX	81415811					
DTS RIGHT/POSITRACK	HP 8505 K450 DTS-DX	81415791					
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 8505	I8505HTKxx	5 to 105	5 to 105	16000	5.96	25

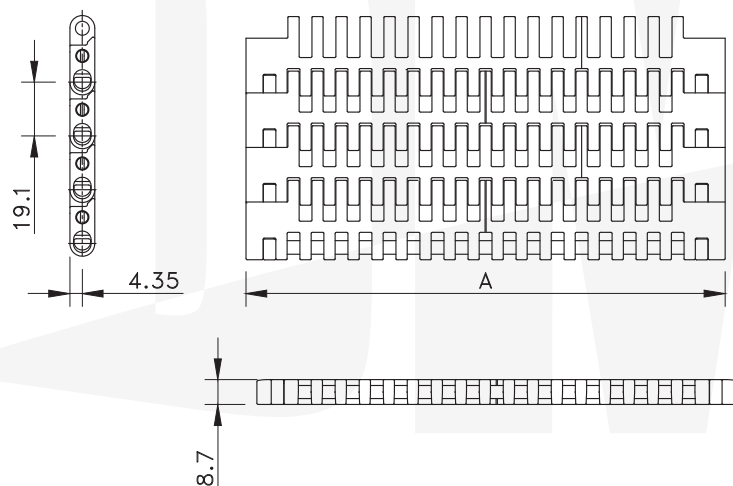
In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6", with 6" increments up to 120"; special widths begin at 21 1/3" with 1/3" increment

Material	HP or WHT	
Belt type	8505	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 6"
Flights	F3 or F2 or F1 or H..	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T..P	Flights on every .. th row; with sideguards it must correspond to an even number of rows
Flight side-indent	N.. (in inches)	Minimal 1 1/3" with 1/3" increments; in case of sideguards indents 1 1/2" or 2 1/4" only
Sideguards	SG2 or SG1	Standard height of 2" or 1"
Tab guides	TAB1 or TAB2	TAB1 is only one row; TAB2 is two rows
Distance between Tabs	D..	Minimal 3" with increments of 2/3"
Pitch between Tabs	D..P	Must correspond to an even number of rows

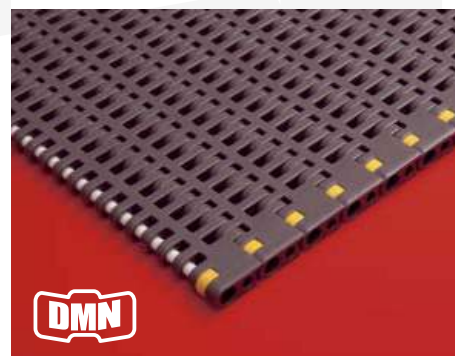
FEATURES



- Perfect product handling due to the small pitch and superior low friction HP material. The stiffness of the modules results in an optimum belt flatness.
- The small 19.05 mm pitch reduces the chordal action and permits the use of short transfer plates.
- Rounded outside edges for better side transfers and improved product handling.
- Twist-lockTM pin retention by means of a hinged plug prevents plug loss and allows easy pin access for installation and maintenance.
- 8500-Series belt is companioned by FTM 1060, FGM 1050 or FT 1050 chainbelts, to make a perfect match between straight running and sideflexing conveyors.



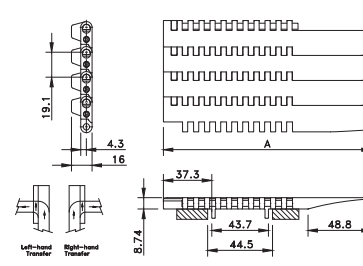
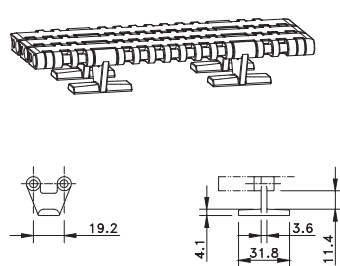
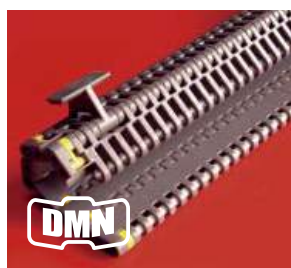
PERFORATED TOP 8506



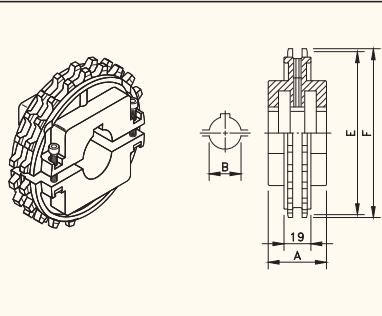
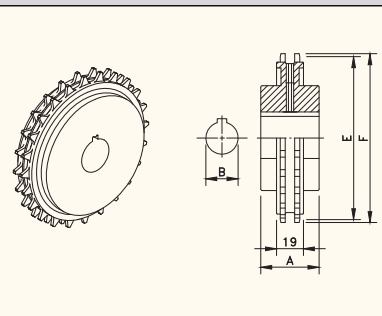
Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 8506	I8506HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS LEFT/POSITRACK	HP 8505 K450 DTS-SX	81415811					
DTS RIGHT/POSITRACK	HP 8505 K450 DTS-DX	81415791					
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 8506	I8506WHTKxx	5 to 105	5 to 105	16000	5.96	25

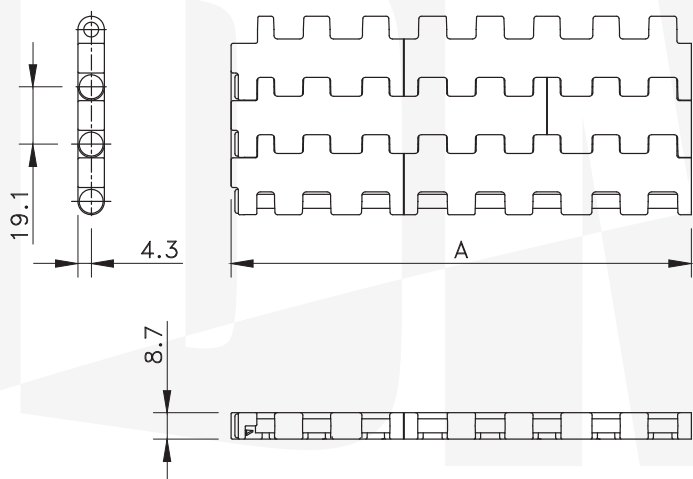
In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6", with 6" increments up to 120"; special widths begin at 21/3" with 1/3" increments

Material	HP or WHT	
Belt type	8506	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 6"
Flights	F3 or F2 or F1 or H..	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T..P	Flights on every ..th row; with sideguards it must correspond to an even number of rows
Flight side-indent	N.. (in inches)	Minimal 1 1/3" with 1/3" increments; in case of sideguards indents 1 1/2" or 2 1/4" only
Sideguards	SG2 or SG1	Standard height of 2" or 1"
Tab guides	TAB1 or TAB2	TAB1 is only one row; TAB2 is two rows
Distance between Tabs	D..	Minimal 3" with increments of 2/3"
Pitch between Tabs	D..P	Must correspond to an even number of rows

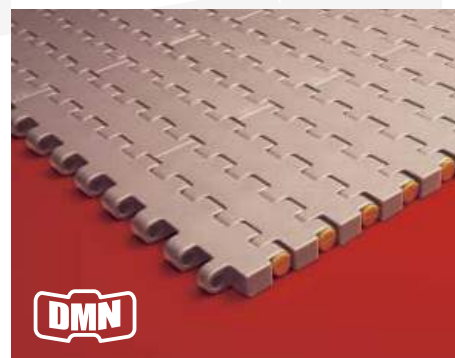


SPROCKETS FOR 8500 SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A					
			mm	mm	mm	mm					
SPLIT SPROCKETS											
ROUND BORES											
NS 8500 T17 R25	614-176-25	17	25	104.7	105.4	39					
NS 8500 T17 R30	614-176-30	17	30								
NS 8500 T17 R35	614-176-35	17	35								
NS 8500 T21 R25	614-239-1	21	25	129.0	130.0						
NS 8500 T21 R30	614-239-2	21	30								
NS 8500 T21 R35	614-239-3	21	35								
NS 8500 T21 R40	614-239-4	21	40	147.3	148.3						
NS 8500 T24 R25	614-188-25	24	25								
NS 8500 T24 R30	614-188-30	24	30								
NS 8500 T24 R35	614-188-35	24	35	153.4	154.7						
NS 8500 T25 R25	614-192-25	25	25								
NS 8500 T25 R30	614-192-30	25	30								
NS 8500 T25 R35	614-192-35	25	35								
SQUARE BORES											
NS 8500 T17 S25	614-177-1	17	25	104.7	105.4	39					
NS 8500 T17 S30	614-177-2	17	30								
NS 8500 T17 S35	614-177-3	17	35								
NS 8500 T21 S25	614-240-1	21	25	129.0	130.0						
NS 8500 T21 S40	614-240-2	21	40								
NS 8500 T21 S60	614-240-3	21	60								
NS 8500 T24 S25	614-189-1	24	25	147.3	148.3						
NS 8500 T24 S30	614-189-5	24	30								
NS 8500 T24 S35	614-189-4	24	35								
NS 8500 T25 S25	614-193-1	25	25	153.4	154.7						
NS 8500 T25 S30	614-193-6	25	30								
NS 8500 T25 S35	614-193-5	25	35								
CLASSIC SPROCKETS											
ROUND BORES											
KU 8500 T24 R30	114-3046-8	24	30	147.3	148.3	39					
KU 8500 T25 R50	114-3266-2	25	50	153.4	154.7						
SQUARE BORES											
KU 8500 T17 S40	114-3215-2	17	40	104.7	105.4					39	
KU 8500 T25 S40	114-3216-2	25	40	153.4	154.7						



SOLID TOP 5935



Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 5935	I5935HTKxx	5 to 105	5 to 105	7000	4.92	25
LF-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	LF 5935	I5935LFKxx	-40 to +80	-40 to +65	13000	6.35	25

* In code numbers xx corresponds with the belt width (A).

Standard widths of these belts begin at 9" with 3" increments up to 120"; special widths begin at 3" with ¾" increments

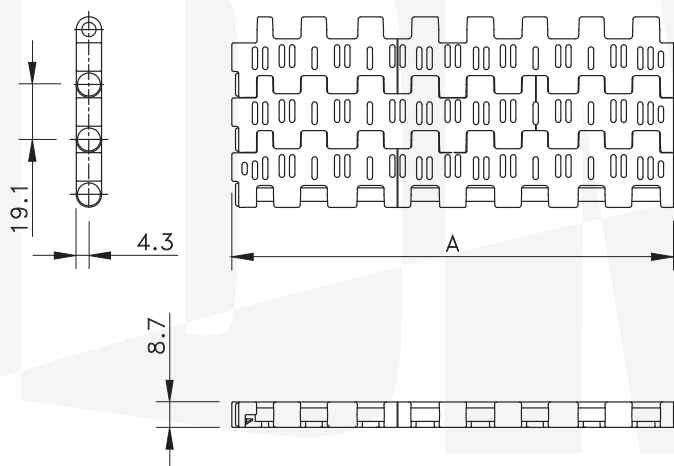
FEATURES (5930)

The 5930-series ¾-inch pitch belt is intended for light to medium loads in can manufacturing, can handling and food industry applications. The belts ensure a smooth operation. 5930-Series is available in a closed and an open execution.

As a standard the belts are supplied in polypropylene and acetal.

- The 19.05 mm pitch reduces chordal action.
- The small pitch permits the use of short transfer plates.
- Smooth edges and closed hinges ensure perfect product handling.
- Pin retention by means of one plugged end module and one blind end module.
- 5930-Series belts with flights, sideguards and hold-down tabs have been replaced by 8500-series; this series is identical in pitch, thickness and standard widths.





PERFORATED TOP 5936

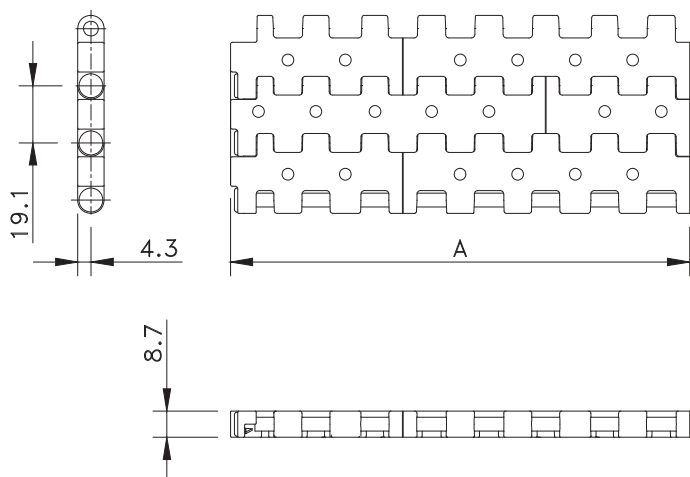


Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 5936	I5936HTKxx	5 to 105	5 to 105	7000	4.49	25
LF-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	LF 5936	I5936LFKxx	-40 to +80	-40 to +65	13000	5.90	25

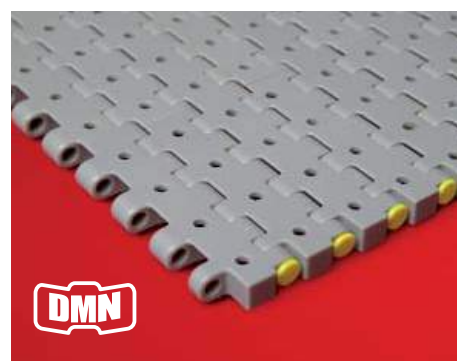
In code numbers xx corresponds with the belt 'width (A).

Standard widths of these belts begin at 9" with 3" increments up to 120"; special widths begin at 3" with ¼" increments

PLASTIC MODULAR BELT



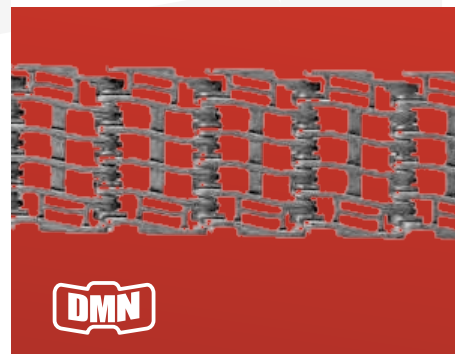
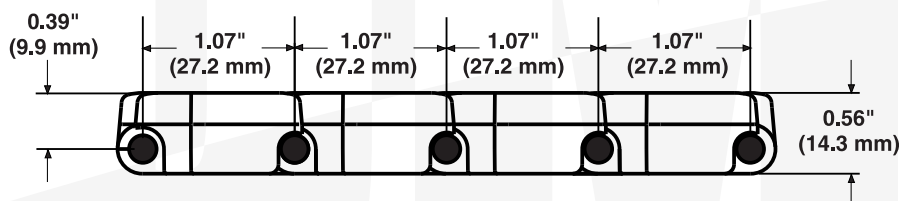
VACUUM TOP 5935



Assembly	Belt type	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
		dry	wet	N/m (21°C)	kg/m²	mm
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS						
STANDARD	HT 5935 VAC	5 to 105	5 to 105	7000	4.92	25
LF-ACETAL WITH POLYPROPYLENE PINS						
STANDARD	LF 5935 VAC	-40 to +80	-40 to +65	13000	6.35	25

As the patterns of the holes will be made to order, these belts will be supplied upon request.

Plastic Belt Mold to Width Raised Rib 900



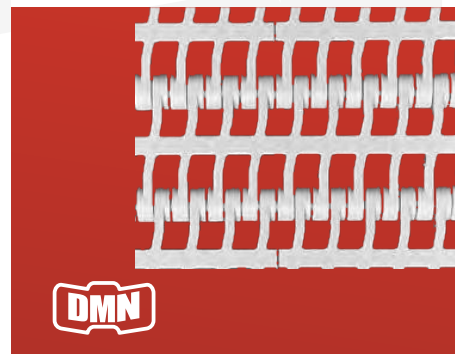
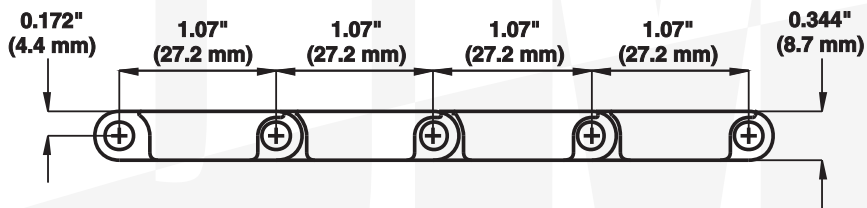
- Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.
- Series 900 Mold To Width belts are boxed in 10 ft (3.05 m) increments.
- Container stability is increased since the raised ribs span the entire belt width.
- Uses headed rods.
- These belts support both small and larger products, allowing easy change of product type.
- The 1.8 in (46 mm) belt is also molded in grey polypropylene for applications where higher friction is needed.
- All belts come with nylon rodlets standard, providing longer service life.



Belt Data									
Belt Width		Belt Material	Standard Rod Material Ø 0.18 in. (4.6 mm)	BS Belt Strength		Temperature Range (continuous)		W Belt Weight	
inch	(mm)			lb	kg	°F	°C	lb/ft	kg/m
1.1	29	Acetal	Nylon	140	64	-50 to 200	-46 to 93	0.19	0.29
1.5	37	Acetal	Nylon	200	91	-50 to 200	-46 to 93	0.23	0.35
1.8	46	Acetal	Nylon	230	104	-50 to 200	-46 to 93	0.29	0.43
1.8	46	Polypropylene	Nylon	90	41	34 to 220	1 to 104	0.19	0.28
2.2	56	Acetal	Nylon	200 ^a	91 ^a	-50 to 200	-46 to 93	0.34	0.50

a. 270 lb (122 kg) for 2.2 in. (56 mm) with two (2) sprockets.

Plastic Belt Flush Grid 900



Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.

- Open pattern with smooth upper surface, fully flush edges.
- Uses headed rods.
- Offers excellent lateral movement of containers.
- Flights and sideguards are available.
- HR nylon belts use short rodlets to hold the main hinge rod in place. The rodlets are made from the same material as the main rod.



Belt Data							
Belt Material	Standard Rod Material Ø 0.18 in (4.6 mm)	BS		Temperature Range (continuous)		W	
		lb/ft	kg/m	°F	°C	lb/ft²	kg/m²
Polypropylene	Polypropylene	700	1040	34 to 220	1 to 104	0.76	3.70
Enduralox™ Polypropylene	Polypropylene	700	1040	34 to 220	1 to 104	0.76	3.70
Polyethylene	Polyethylene	350	520	-50 to 150	-46 to 66	0.81	3.96
Acetal	Polypropylene	1480	2200	34 to 200	1 to 93	1.15	5.62
EC Acetal	Polypropylene	800	1190	34 to 200	1 to 93	1.15	5.62
FR-TPES	Polypropylene	750	1120	40 to 150	4 to 66	1.19	5.81
HR Nylon ^a	HR Nylon	1200	1790	-50 to 240	-46 to 116	1.10	5.40
HHR Nylon	HHR Nylon	1200	1790	-50 to 310	-46 to 154	1.10	5.40
Acetal ^b	Polyethylene	1000	1490	-50 to 70	-46 to 21	1.15	5.62

a. This product cannot be used for food contact articles that will come in contact with food containing alcohol.

b. Polyethylene rods can be used in cold applications when impacts or sudden starts/stops occur. Please note lower rating.

SPROCKETS FOR 5930 SERIES

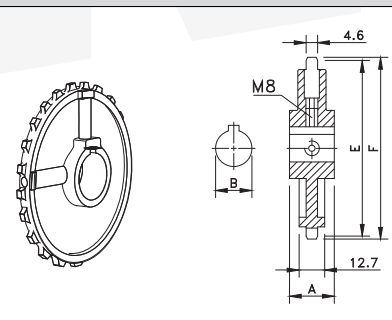
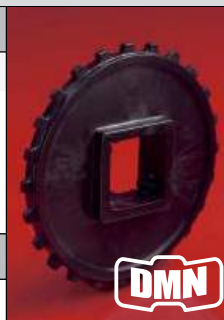
Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width	
			B	E	F	A	
			mm	mm	mm	mm	

CLASSIC SPROCKETS INJECTION MOULDED
ROUND BORES

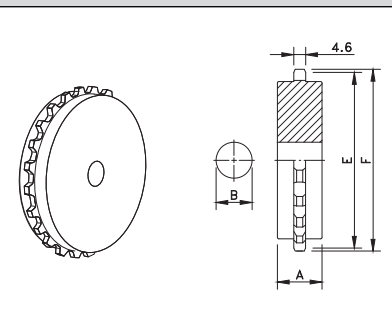
N 5936 T10 R25	114-811-8	10	25	62.2	63.5	25
N 5936 T24 R25	114-699-8	24	25	147.3	149.2	
N 5936 T24 R30	114-699-9	24	30			
N 5936 T24 R35	114-699-10	24	35			
N 5936 T24 R40	114-700-11	24	40			
N 5936 T24 R50	114-700-13	24	50			

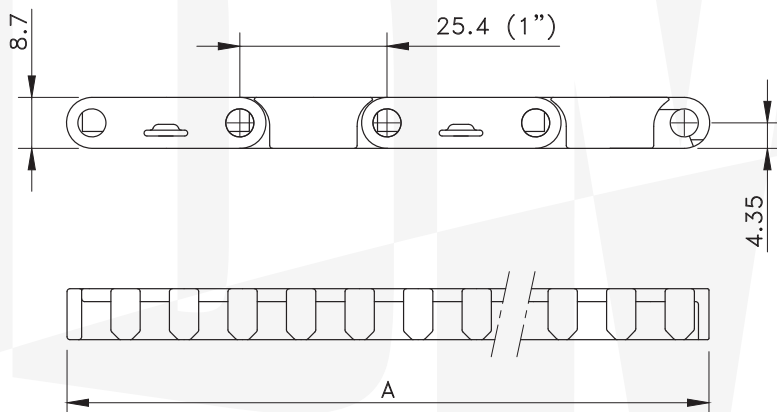
SQUARE BORES

N 5936 T24 S40	114-696-11	24	40	147.3	149.2	25
N 5936 T24 S50	114-697-13	24	50			
N 5936 T24 S65	114-698-16	24	65			
N 5936 T25 S40	114-692-11	25	40	153.4	156.2	25
N 5936 T25 S50	114-692-13	25	50			
N 5936 T25 S65	114-692-16	25	65			

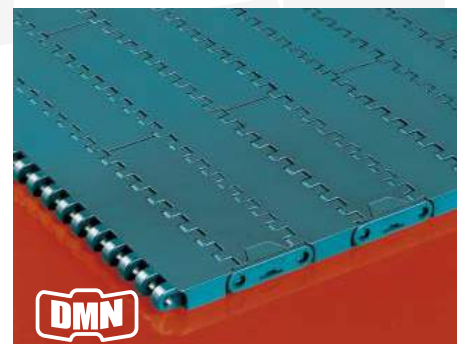

CLASSIC SPROCKETS MACHINED
ROUND BORE

KU 5936 T10 R20	I5936647701	10	20	63.2	63.5	25
KU 5936 T24 R20	I5936644081	24	20	147.3	149.2	
KU 5936 T31 R20	I5936600402	31	20	190.1	193.3	





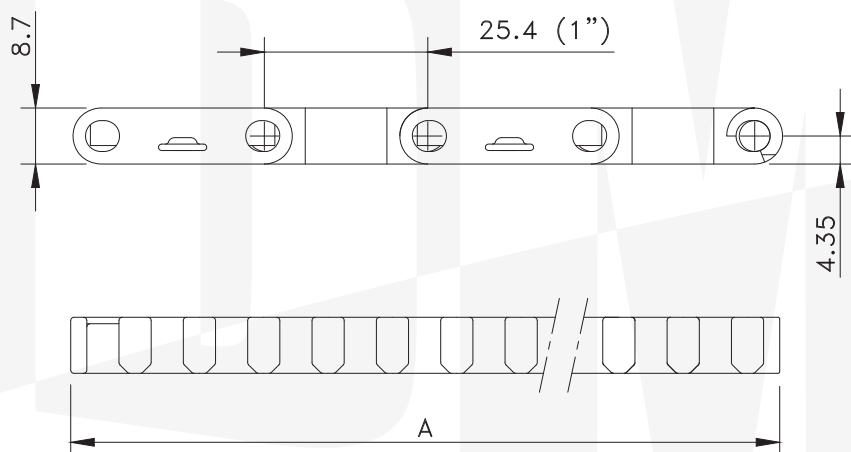
FLAT TOP 1000



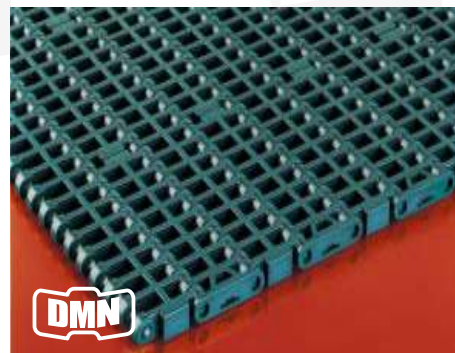
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
STANDARD	FT 1000 XLG	817.30.xx	4 to 80	4 to 65	22000	6.50	25
DOUBLE POSITRACK	FTDP 1000 XLG	873.27.xx					
POSITRACK 1 SIDE, FREEFLOW 1 SIDE	FFTP 1000 XLG	873.08.xx					
POSITRACK 2 SIDES, FREEFLOW 1 SIDE	FFTP 1000 XLG	873.07.xx					
DOUBLE POSITRACK 84	FTDP 1000 XLG 84	873.21.09	-30 to +80	up to 65			
PS-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
DOUBLE POSITRACK	FTDP 1000 PS	873.35.xx	4 to 80	4 to 65	22000	6.50	25
DOUBLE POSITRACK 84	FTDP 1000 PS 84	873.35.09	-30 to +80	up to 65			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FT 1000 XP	818.30.xx	4 to 104	4 to 104	11000	4.25	25
DOUBLE POSITRACK	FTDP 1000 XP	873.29.xx					
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FT 1000 AS	814.30.xx	4 to 80	–	13000	6.11	25
DOUBLE POSITRACK	FTDP 1000 AS	873.32.xx					
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1000 FT	812.60.xx	-70 to +35	-70 to +35	5000	4.60	25
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1000 FT	812.80.xx	-70 to +35	-70 to +35	5000	4.60	25
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 1000 FT	811.80.xx	4 to 104	4 to 104	11000	4.30	25
WSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 1000 FT	815.70.xx	4 to 80	4 to 65	22000	6.50	25
DOUBLE POSITRACK	WSM 1000 FTDP	873.28.xx					

In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm. If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table.

Material	WLT or BLT or WHT or WSM	
Belt type	1000 FT or 1000 FTDP	(Double) Positrack not possible for WLT, BLT and WHT
Width (A)	KM-.. (in mm)	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	F3 or F2 or F1 or H..	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T.P	Flights on every .. th row (must correspond to an even number of rows)
Flight side-indent	N.. (in mm)	Minimal 40 mm with 5 mm increments



FLUSH GRID 1000

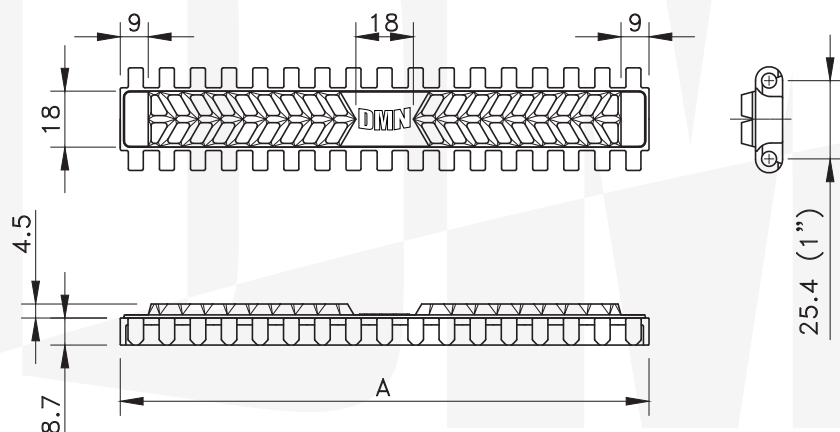


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
STANDARD	FG 1000 XLG	817.40.xx	4 to 80	4 to 65	22000	5.40	25
DOUBLE POSITRACK	FGDP 1000 XLG	874.43.xx					
POSITRACK 1 SIDE, FREEFLOW 1 SIDE	FFGP 1000 XLG	874.08.xx					
POSITRACK 2 SIDES, FREEFLOW 1 SIDE	FFGP 1000 XLG	874.07.xx					
DOUBLE POSITRACK 84	FGDP 1000 XLG 84	874.30.09	-30 to +80	up to 65			
PS-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
DOUBLE POSITRACK	FGDP 1000 PS	874.57.xx	4 to 80	4 to 65	22000	5.40	25
DOUBLE POSITRACK 84	FGDP 1000 PS 84	874.57.09	-30 to +80				
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FG 1000 XP	818.40.xx	4 to 104	4 to 104	11000	3.53	25
DOUBLE POSITRACK	FGDP 1000 XP	874.45.xx					
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FG 1000 AS	814.40.xx	4 to 80	–	13000	5.08	25
DOUBLE POSITRACK	FGDP 1000 AS	874.48.xx					
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1000 FG	812.70.xx	-70 to +35	-70 to +35	5000	3.70	25
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1000 FG	812.90.xx	-70 to +35	-70 to +35	5000	3.70	25
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 1000 FG	811.90.xx	4 to 104	4 to 104	11000	3.50	25
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 1000 FG	810.08.xx	4 to 104	4 to 104	11000	3.50	25
WSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 1000 FG	815.80.xx	4 to 80	4 to 65	22000	5.40	25
DOUBLE POSITRACK	WSM 1000 FGDP	874.44.xx					
SMB-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	SMB 1000 FG	810.07.xx	4 to 80	4 to 65	22000	5.40	25

In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm

If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1000 FG or 1000 FGDP	(Double) Positrack not possible for WLT, BLT, WHT, BHT and SMB
Width (A)	KM-.. (in mm)	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	F3 or F2 or F1 or H..	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T..P	Flights on every .. th row (must correspond to an even number of rows)
Flight side-indent	N.. (in mm)	Minimal 40 mm with 5 mm increments



SUPERGRIP 1000

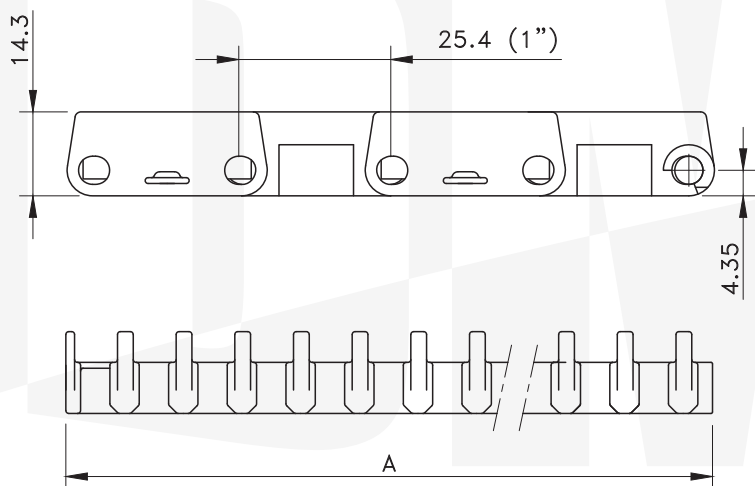


Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			A	dry	wet			
			mm					
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS								
STANDARD	SG 1000 XP 170	875.00.11	170	4 to 65	4 to 65	11000	5.00	30
	SG 1000 XP 255	875.00.12	255				5.33	
	SG 1000 XP 340	875.00.13	340				5.50	
	SG 1000 XP 425	875.00.14	425				5.60	
	SG 1000 XP 510	875.00.15	510				5.66	
	SG 1000 XP 595	875.00.16	595				5.71	
	SG 1000 XP 680	875.00.17	680				5.75	
DOUBLE POSITRACK	SGDP 1000 XP 170	875.54.11	170				5.00	
	SGDP 1000 XP 255	875.54.12	255				5.33	
	SGDP 1000 XP 340	875.54.13	340				5.50	
	SGDP 1000 XP 425	875.54.14	425				5.60	
	SGDP 1000 XP 510	875.54.15	510				5.66	
	SGDP 1000 XP 595	875.54.16	595				5.71	
	SGDP 1000 XP 680	875.54.17	680				5.75	
XLG-ACETAL WITH POLYPROPYLENE PINS								
STANDARD	SG 1000 XLG 170	875.30.11	170	4 to 65	4 to 65	19000	7.34	30
	SG 1000 XLG 255	875.30.12	255				7.70	
	SG 1000 XLG 340	875.30.13	340				7.88	
	SG 1000 XLG 425	875.30.14	425				7.99	
	SG 1000 XLG 510	875.30.15	510				8.06	
	SG 1000 XLG 595	875.30.16	595				8.12	
	SG 1000 XLG 680	875.30.17	680				8.16	
DOUBLE POSITRACK	SGDP 1000 XLG 170	875.59.11	170				7.34	
	SGDP 1000 XLG 255	875.59.12	255				7.70	
	SGDP 1000 XLG 340	875.59.13	340				7.88	
	SGDP 1000 XLG 425	875.59.14	425				7.99	
	SGDP 1000 XLG 510	875.59.15	510				8.06	
	SGDP 1000 XLG 595	875.59.16	595				8.12	
	SGDP 1000 XLG 680	875.59.17	680				8.16	
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS								
STANDARD	SG 1000 WHT 255	875.25.12	255	4 to 104	4 to 104	11000	5.33	30
	SG 1000 WHT 340	875.25.13	340				5.50	
	SG 1000 WHT 425	875.25.14	425				5.60	
	SG 1000 WHT 510	875.25.15	510				5.66	
	SG 1000 WHT 595	875.25.16	595				5.71	
	SG 1000 WHT 680	875.25.17	680				5.75	

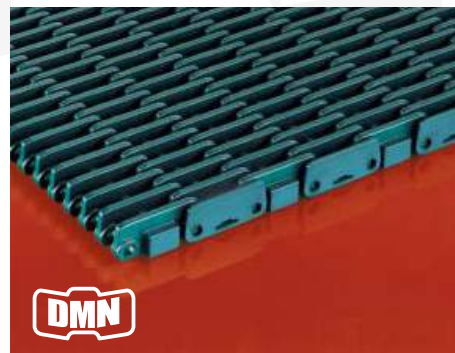
Special widths begin at 85 mm with 5 mm increments. Wider belts are available upon request.

Standard 100% rubber; other percentages can be supplied upon request.

Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) or 60 (WHT) shore A.



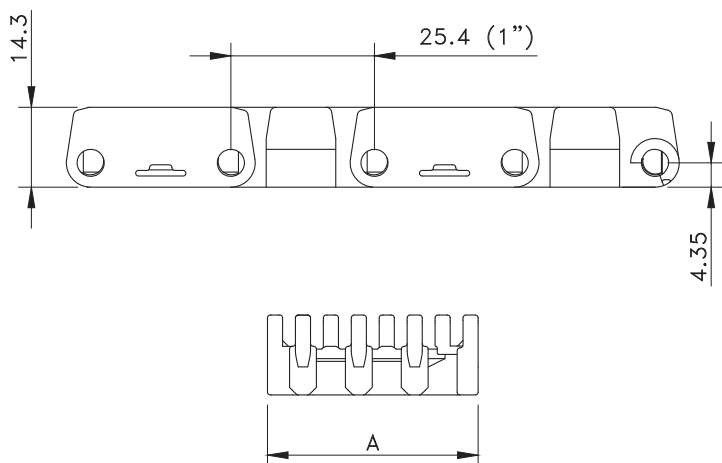
RAISED RIB 1000



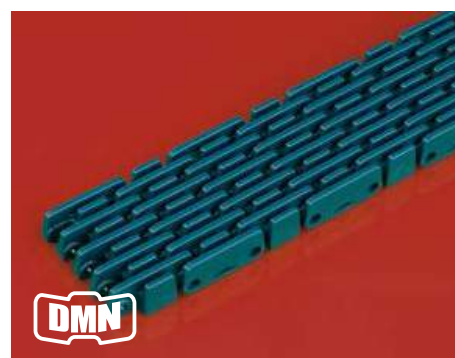
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	RR 1000 XLG	817.10.xx	4 to 80	4 to 65	22000	7.95	50
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	RR 1000 AS	814.10.xx	4 to 80	–	13000	7.47	50

In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, up to 6120 mm

PLASTIC MODULAR BELT

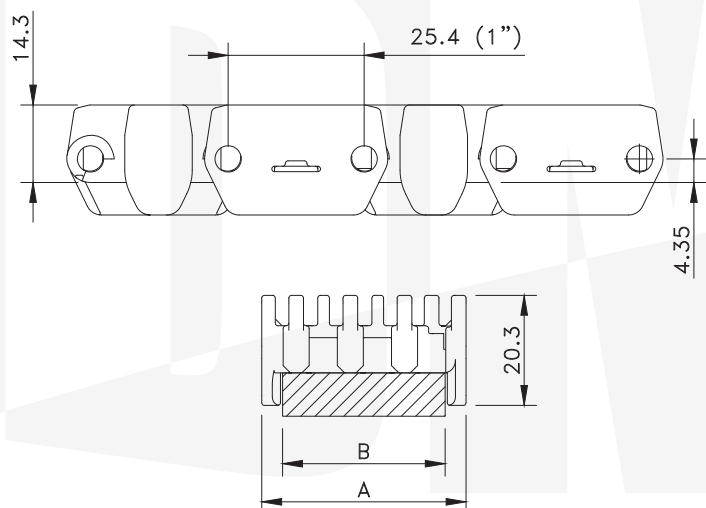


RAISED RIB 1000 NARROW

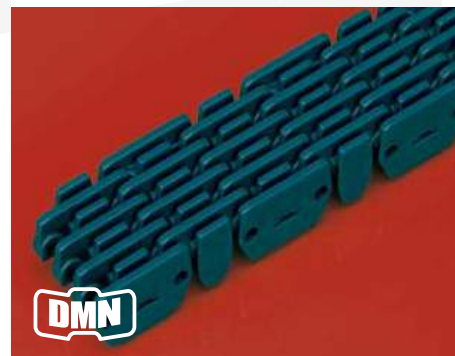


Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.) N (21°C)	Weight kg/m	Backflex radius (min.) mm
			A mm	dry	wet			
XLG-ACETAL WITH PBT PINS								
STANDARD	RR 1000-28 XLG	871.01.03	28	-30 to +80	up to 65	400	0.35	50
	RR 1000-38 XLG	871.01.00	38	-30 to +80	up to 65	400	0.39	
	RR 1000-48 XLG	871.01.01	48	-30 to +80	up to 65	600	0.48	
	RR 1000-58 XLG	871.01.02	58	-30 to +80	up to 65	800	0.59	

Standard length: 6.096 m - 20 feet.



RAISED RIB 1000 RAILTRACK NARROW

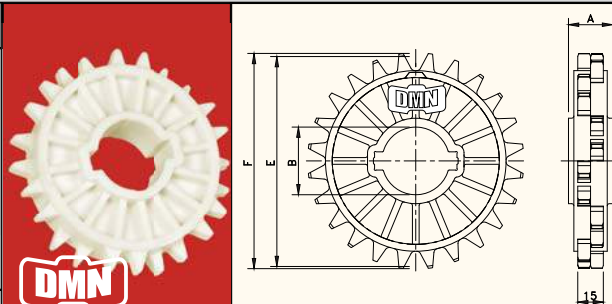
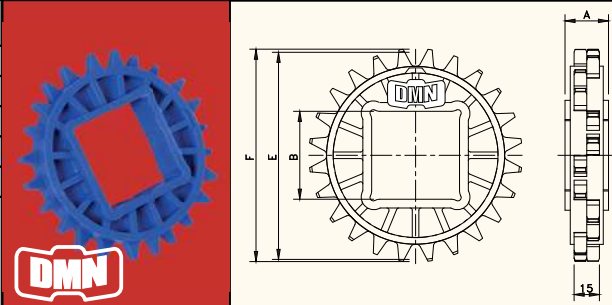


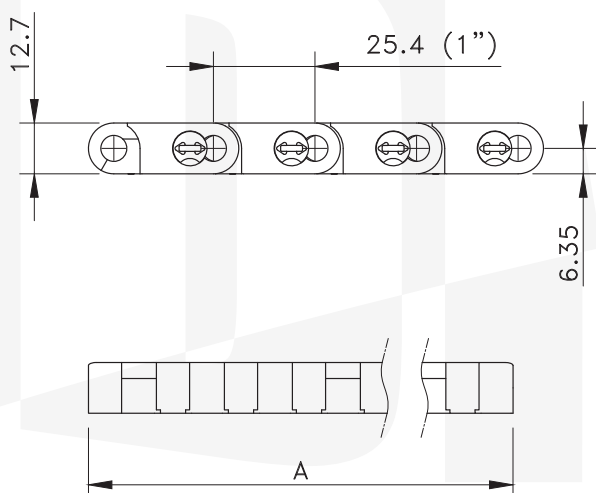
Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			A mm	dry	wet			
XLG-ACETAL WITH PBT PINS								
STANDARD	RRR 1000-28 XLG	871.00.03	28	-30 to +80	up to 65	200	0.33	50
	RRR 1000-38 XLG	871.00.00	38	-30 to +80	up to 65	400	0.43	
	RRR 1000-48 XLG	871.00.01	48	-30 to +80	up to 65	600	0.53	
	RRR 1000-58 XLG	871.00.02	58	-30 to +80	up to 65	800	0.62	

Standard length: 6.096 m - 20 feet.

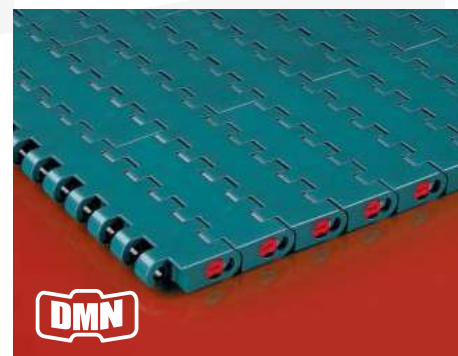


SPROCKETS FOR 1000 SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm				
CLASSIC SPROCKETS										
ROUND BORES										
CS 1000 12-30	895.02.17	12	30 mm	98.1	96.5	20				
CS 1000 12-40	895.02.11	12	40 mm							
CS 1000 12-50	895.02.12	12	50 mm							
CS 1000 18-30	895.08.17	18	30 mm	146.3	145.9				30	
CS 1000 18-35	895.08.10	18	35 mm							
CS 1000 18-40	895.08.11	18	40 mm							
CS 1000 18-45	895.08.15	18	45 mm							
CS 1000 18-50	895.08.12	18	50 mm							
CS 1000 18-65	895.08.13	18	65 mm							
CS 1000 20-35	895.09.10	20	35 mm	162.4	161.7	20				
CS 1000 20-40	895.09.11	20	40 mm							
CS 1000 20-50	895.09.12	20	50 mm							
CS 1000 12-1	895.02.46	12	1.0"	98.1	96.5					
CS 1000 18-1	895.08.46	18	1.0"	146.3	145.9					
CS 1000 18-1½	895.08.41	18	1.5"							
CS 1000 18-2	895.08.42	18	2.0"							
CS 1000 20-1	895.09.46	20	1.0"	162.4	161.7					
CS 1000 20-1½	895.09.41	20	1.5"							
SQUARE BORES										
CS 1000 18-40x40	895.08.21	18	40 mm	146.3	145.9	20				
CS 1000 18-60x60	895.08.28	18	60 mm			30				
CS 1000 18-65x65	895.08.23	18	65 mm							
CS 1000 20-40x40	895.09.21	20	40 mm	162.4	161.7	20				
CS 1000 20-60x60	895.09.28	20	60 mm			30				
CS 1000 20-65x65	895.09.23	20	65 mm							
CS 1000 12-1½x1½	895.02.51	12	1.5"	98.1	96.5	20				
CS 1000 18-1½x1½	895.08.51	18	1.5"	146.3	145.9					
CS 1000 20-1½x1½	895.09.51	20	1.5"	162.4	161.7					
CLASSIC SPROCKETS FOR HUMID, HOT APPLICATIONS LIKE PASTEURIZING										
SQUARE BORES										
CS 1000 12-40x40 POM	893.02.21	12	40 mm	98.1	96.5	20				
CS 1000 18-40x40 POM	893.08.21	18	40 mm	146.3	145.9 ^Y	30				
CS 1000 18-60x60 POM	893.08.28	18	60 mm							
CS 1000 20-40x40 POM	893.09.21	20	40 mm	162.4	161.7 ^Y	30				
CS 1000 20-60x60 POM	893.09.28	20	60 mm							

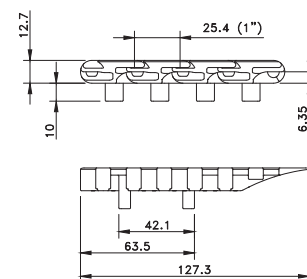
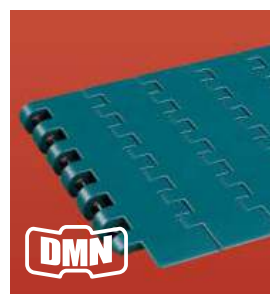
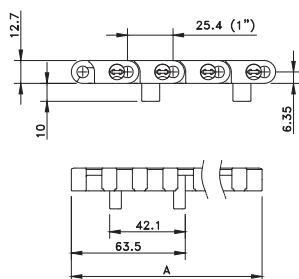
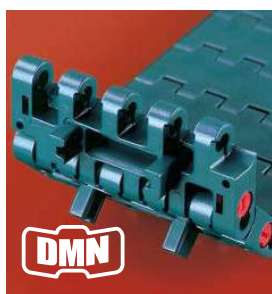


FLAT TOP 1005



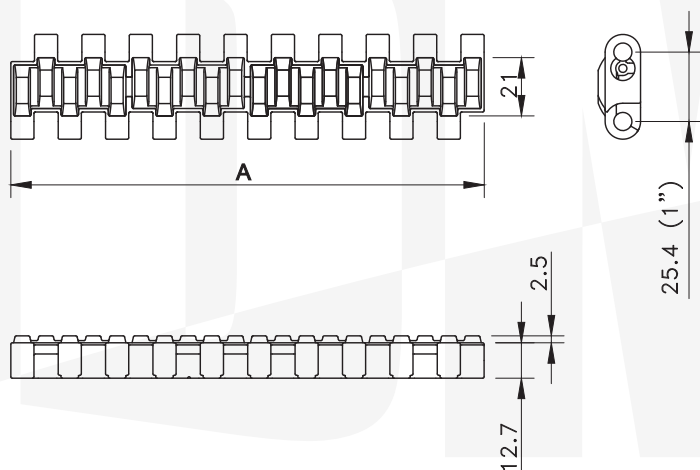
Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	FT 1005 XLG	877.00.xx	-40 to +80	up to 65	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 XLG	877.01.xx					
DOUBLE POSITRACK, FREEFLOW	FFDTP 1005 XLG	877.02.xx					
MOULD TO WIDTH (MTW)	FT 1005 XLG K450 MTW	877.00.00					
MTW DOUBLE POSITRACK	FTDP 1005 XLG K450 MTW	877.01.00					
PS-ACETAL WITH PBT PINS							
STANDARD	FT 1005 PS	877.16.xx	-40 to +80	up to 65	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 PS	877.13.xx					
WX-POLYAMIDE COMPOSITE WITH PBT PINS							
STANDARD	FT 1005 WX	877.14.xx	-40 to +80	not recommended	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 WX	877.15.xx					
MOULD TO WIDTH (MTW)	FT 1005 WX K450 MTW	877.14.00					
MTW DOUBLE POSITRACK	FTDP 1005 WX K450 MTW	877.15.00					
XP-POLYPROPYLENE WITH PBT PINS							
STANDARD	FT 1005 XP	877.05.xx	4 to 65	4 to 65	17500	9.00	25
DOUBLE POSITRACK	FTDP 1005 XP	877.06.xx					

In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request

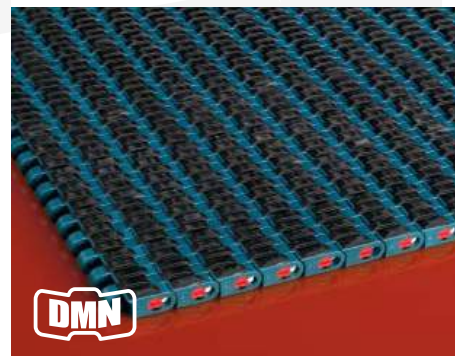


FEATURE

- Versatile 1-inch pitch and the rigid cross-rib design result in optimum flatness and therefore superior product handling.
- The clip pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.
- 1000-Series belt is companioned by FTM 1060 and FGM 1050 or FT 1050 chainbelts, to make a perfect match between straight running and sideflexing conveyors



SUPERGRIP 1005

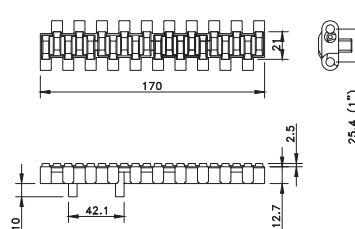
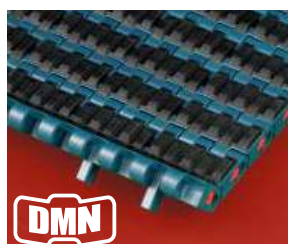


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	SG 1005 XLG	877.50.xx	-40 to +65	up to +65	35000	14.00	25
DOUBLE POSITRACK	SGDP 1005 XLG	877.51.xx					
XP-POLYPROPYLENE WITH PBT PINS							
STANDARD	SG 1005 XP	877.64.xx	4 to 65	4 to 65	17500	10.00	25
DOUBLE POSITRACK	SGDP 1005 XP	877.66.xx					
TCF-TOUGH COMPOSITE FRICTION MATERIAL WITH STAINLESS STEEL PINS							
STANDARD	SG 1005 TCF	877.71.xx	-18 to +82	-18 to + 60	32000	19.30	25
DOUBLE POSITRACK	SGDP 1005 TCF	877.72.xx					

In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm;

Standard 100% rubber; other percentages and sizes on request.

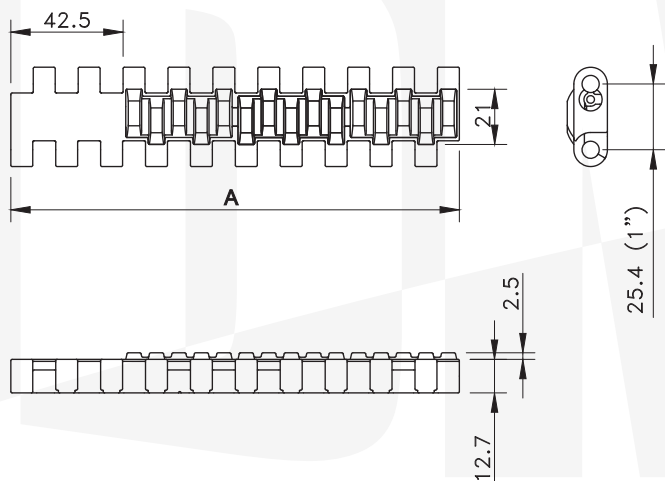
Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) or 55 (TCF) shore A.



FEATURES

- Robust belt design and high strength to meet the most demanding applications in beverage, glass making and packaging.
- The revolutionary Easy Lock pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.
- 85 mm pitched fixed sprocket positions improve the drive properties and contribute to standardization of the conveyor design.
- Equipped with wear resistant polyester (PBT) pins for the best long term performance.
- 1005-Series belts are companioned by FTM 1055 or FT 1055 Modular belt to make a perfect match between straight running and sideflexing conveyors.





SUPERGRIP SIDE-INDENT 1005

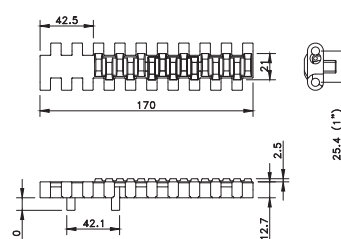
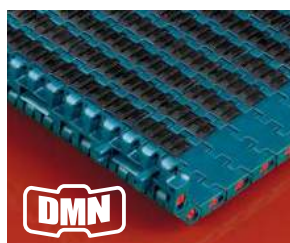


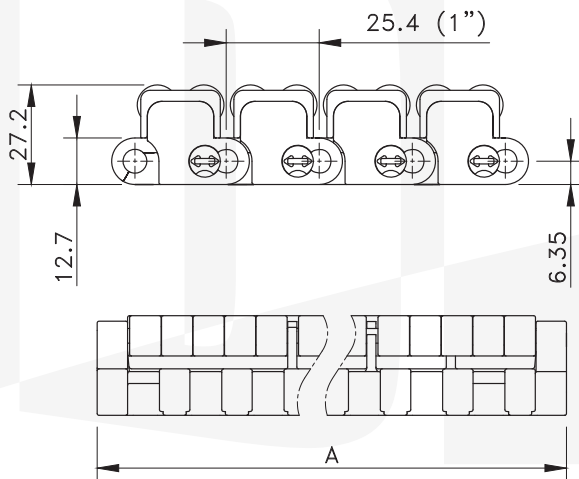
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	SGS 1005 XLG	877.52.xx	-40 to +65	up to 65	35000	14.00	25
DOUBLE POSITRACK	SGSDP 1005 XLG	877.53.xx					
XP-POLYPROPYLENE WITH PBT PINS							
STANDARD	SGS 1005 XP	877.65.xx	4 to 65	4 to 65	17500	10.00	25
DOUBLE POSITRACK	SGSDP 1005 XP	877.67.xx					

In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm and so on with 85 mm increments up to 6120 mm;

Standard 100% rubber; other percentages and sizes on request. Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) shore A.

A center indent of 85 mm is possible from 765 mm belt width, with steps of 170 mm.

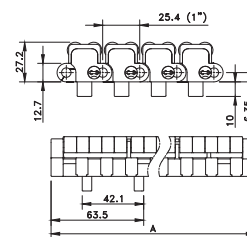
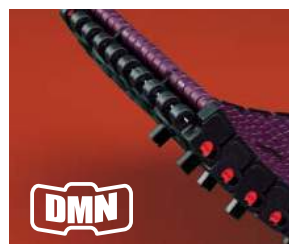




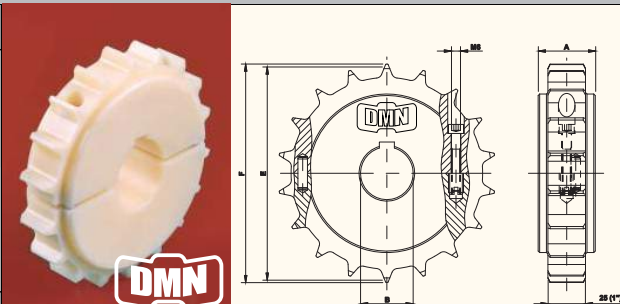
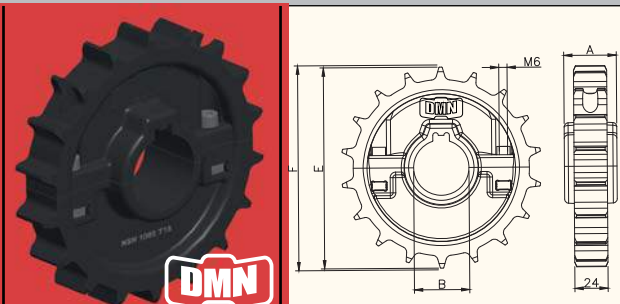
LBP 1005

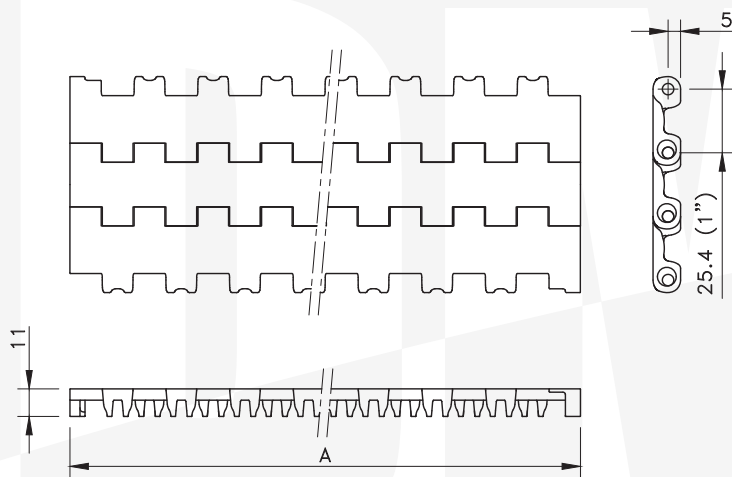


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLA-ACETAL WITH PBT PINS							
STANDARD	LBP 1005SR XLA	877.17.xx	-40 to +80	1 to 65	35000	30	120
DOUBLE POSITRACK	LBPDP 1005SR XLA	877.18.xx					

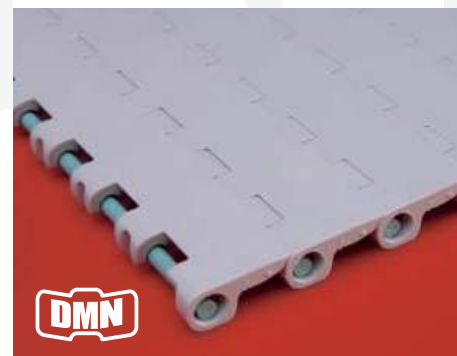


SPROCKETS FOR 1005 SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm		
SPLIT SPROCKETS AND IDLERS MACHINED								
SPROCKETS WITH ROUND BORES								
SS 1005 18-30	894.30.67	18	30 mm	146.3	145.3	38		
SS 1005 18-40	894.30.61	18	40 mm	170.4	169.7			
SS 1005 21-30	894.33.67	21	30 mm					
SS 1005 21-40	894.33.61	21	40 mm					
SS 1005 18-1	894.30.86	18	1.0"	146.3	145.3			
SS 1005 18-1½	894.30.81	18	1.5"					
SS 1005 21-1	894.33.86	21	1.0"	170.4	169.7			
SS 1005 21-1½	894.33.81	21	1.5"					
IDLERS								
SI 1005 18-30	894.30.77	18	30 mm	146.3	145.3	38	Split sprockets with keyways are 'tight fit' onto the shaft and can be used for belt widths up to 680 mm and temperature differences of max. 30°C. For wider belts or bigger temperature differences, square bores have to be used. Square sprockets can be used on the drive- and on the idler shaft. They 'float' freely on the shaft.	
SI 1005 18-40	894.30.71	18	40 mm					
SI 1005 21-30	894.33.77	21	30 mm	170.4	169.7			
SI 1005 21-40	894.33.71	21	40 mm					
SI 1005 18-1	894.30.96	18	1.0"	146.3	145.3			
SI 1005 18-1½	894.30.91	18	1.5"					
SI 1005 21-1	894.33.96	21	1.0"	170.4	169.7			
SI 1005 21-1½	894.33.91	21	1.5"					
SPROCKETS WITH SQUARE BORES								
SS 1005 18-40x40	894.30.21	18	40 mm	146.3	145.3	38		
SS 1005 21-40x40	894.33.21	21	40 mm	170.4	169.7			
SS 1005 18½x1½								
SS 1005 21½x1½								
SPLIT SPROCKETS AND IDLERS MOULDED								
SPROCKETS								
NSH 1005 13-40	899.20.61	13	40 mm	106,1	104,2	38		
NSH 1005 14-40	899.24.61	14	40 mm	114,1	112,5			
NSH 1005 15-40	899.21.61	15	40 mm	122,1	120,7			
NSH 1005 16-40	899.25.61	16	40 mm	130,2	128,9			
NSH 1005 18-40	899.22.61	18	40 mm	146,3	145,3			
NSH 1005 21-40	899.23.61	21	40 mm	170,4	169,7			
IDLERS								
NSH 1005 13-40	899.20.71	13	40 mm	106,1	104,2	38		
NSH 1005 14-40	899.24.71	14	40 mm	114,1	112,5			
NSH 1005 15-40	899.21.71	15	40 mm	122,1	120,7			
NSH 1005 16-40	899.25.71	16	40 mm	130,2	128,9			
NSH 1005 18-40	899.22.71	18	40 mm	146,3	145,3			
NSH 1005 21-40	899.23.71	21	40 mm	170,4				



SOLID TOP 1015

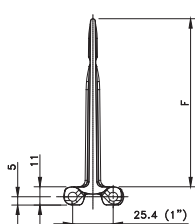


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1015	846.22.xx	-70 to +35	-70 to +35	5000	4.80	40
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1015	846.22.xx	-70 to +35	-70 to +35	5000	4.80	40
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 1015	849.22.xx	4 to 104	4 to 104	6000	4.40	40
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 1015	849.22.xx	4 to 104	4 to 104	6000	4.40	40
WSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 1015	844.22.xx	-40 to +80	-40 to +65	12000	7.00	40
SMB-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	SMB 1015	844.22.xx	-40 to +80	-40 to +65	12000	7.00	40

In code numbers xx corresponds with the belt width (A), for white belts (WLT, WHT, WSM) starting with 00 for 4", 01 for 5", for Blue belts

(BLT, BHT, SMB) starting with 50 for 4", 51 for 5" and so on in steps of 1", up to 44".

Optionally ½" increments are possible up to 24".



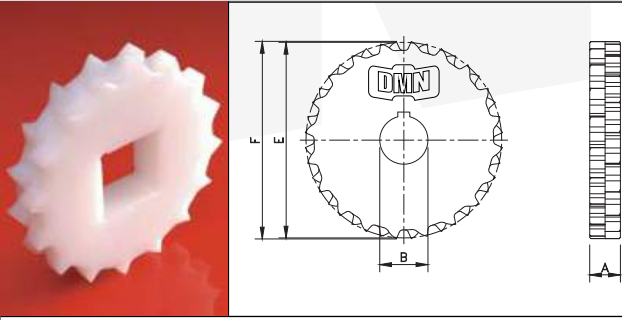
Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1015	
Width (A)	K.. (in inches)	Belts with flights have minimal width of 6"
Flights	RF3 or RF4 or RH..	Ribbed 3 to 4" high flight or special height in mm
Pitch between flights	T.P	Flight on every .. th row
Flight side-indent	N0 or N1 or N..	Standard 0 or 1"; non-standard increments of ½", starting with 1½"

FEATURES

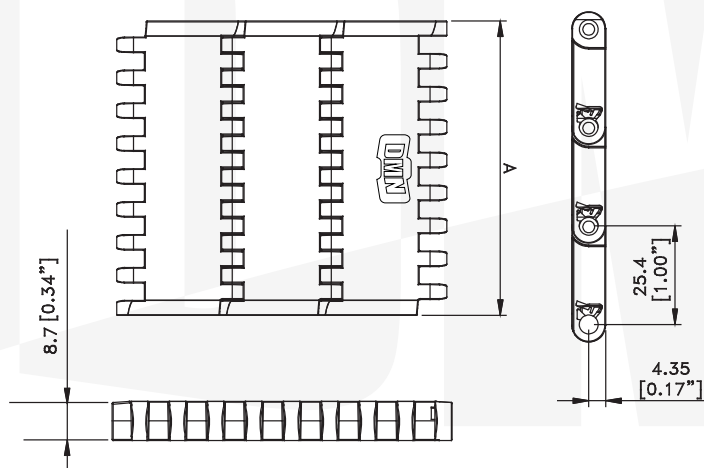
- When turning over a small roller the hinges open, exposing a large pin surface, offering excellent cleaning possibilities. The hinge design is extremely open and accessible, so a large surface of the pin and the inside of the hinge can be cleaned directly. The bottom of the module is curved, improving drainage and reducing drying time of the belt after cleaning.
- Using a moulded pin with T-shaped head keeps the pin in a specially designed eccentric outer hinge eye. This makes the belt easy to operate for maintenance and cleaning.
- The belt is supplied mould-to-width up to 24 inch, avoiding adjacent surfaces between the modules. The hinges are ½ inch wide, reducing the number of adjacent surfaces in-between.
- Fully closed machined sprockets, ideal for cleaning. Due to the double teeth rows the sprockets are bi-directional and easy to position.



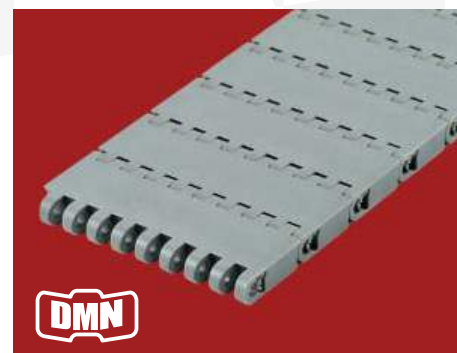
SPROCKETS FOR 1010 SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	
			mm	mm	mm	mm	
CLASSIC SPROCKETS							
ROUND BORES							
KU 1010 T10 R40	897.10.33	10	40	82.2	82.7	25	
KU 1010 T12 R40	897.10.42	12	40	98.1	98.9		
KU 1010 T16 R40	897.10.71	16	40	130.2	131.5		
KU 1010 T18 R40	897.10.86	18	40	146.3	147.8		
KU 1010 T20 R40	897.11.01	20	40	162.4	164.0		
SQUARE BORES							25
KU 1010 T10 S40	897.10.35	10	40	82.2	82.7		
KU 1010 T12 S40	897.10.44	12	40	98.1	98.9		
KU 1010 T16 S40	897.10.73	16	40	130.2	131.5		
KU 1010 T18 S40	897.10.88	18	40	146.3	147.8		
KU 1010 T20 S40	897.11.03	20	40	162.4	164.0		





SOLID TOP 1805



Assembly	Belt type	Code nr.	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
GREY GM-ACETAL WITH PBT PINS (FLAT BOTTOM)							
STANDARD	GM1805	I1805GMKxx	-30 to +80	up to 65	25000	6.95	20
3-inch MTW	GM1805-K3 MTW	I1805GMK3 MTW	-30 to +80	up to 65	20000	6.95	20
BLUE DBM-ACETAL WITH PBT PINS (FLAT BOTTOM)							
STANDARD	DBM1805	I1805DBMKxx	-30 to +80	up to 65	25000	6.95	20
3-inch MTW	DBM1805-K3 MTW	I1805DBMK3 MTW	-30 to +80	up to 65	25000	6.95	20

A row in a different color can be added to the chain as safety indication. On request the 1805 execution can also be supplied in blueacetal, minimum order quantities apply. Polyester (PBT) pins are standard, Polypropylene pins on request.

FEATURES

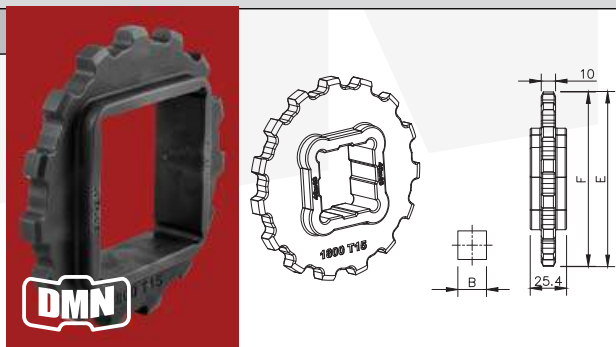


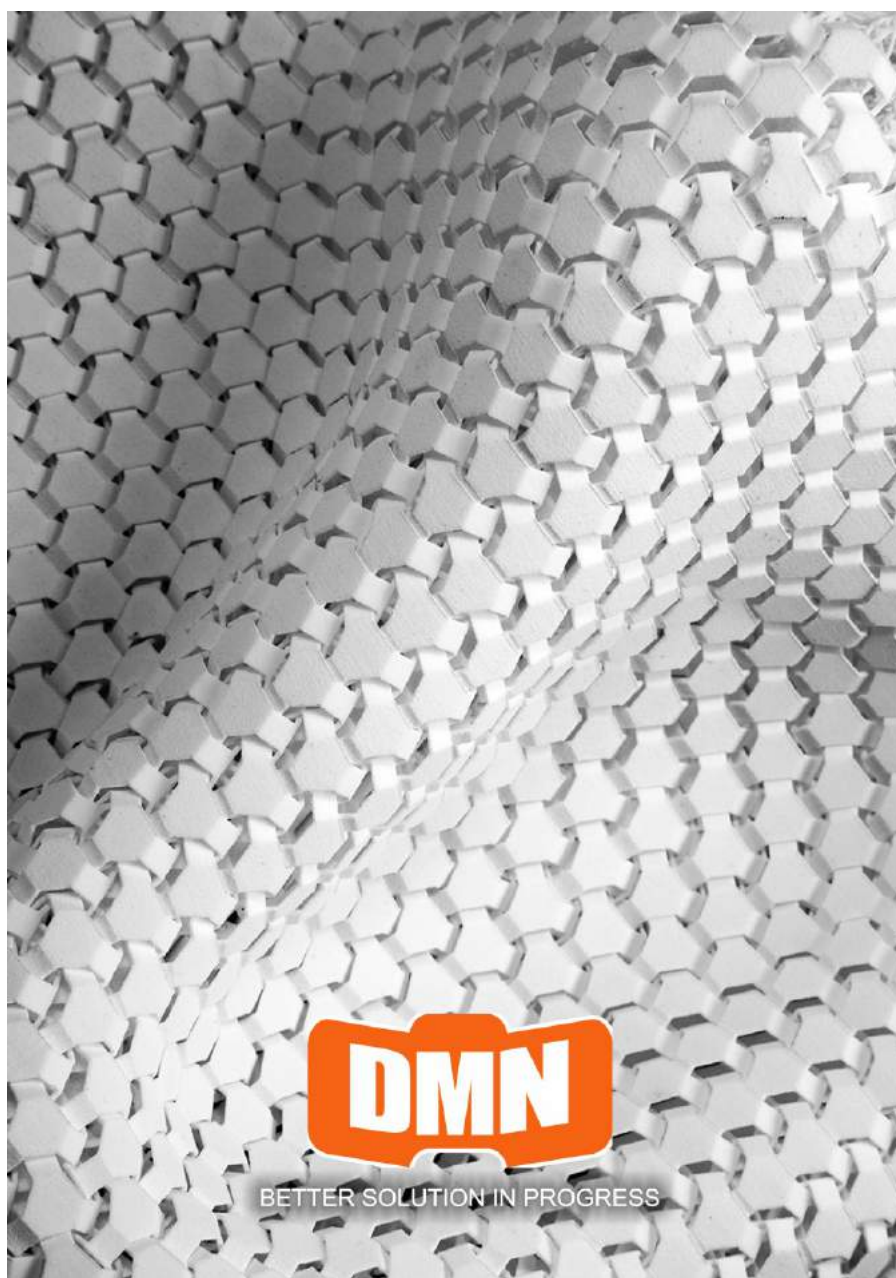
The 1800-series 1-inch pitch MatTop chain is designed for industrial product handling. The chain provides high stiffness and working load and therefore can handle high loads. The 1-inch pitch allows for small transfers between conveyors.

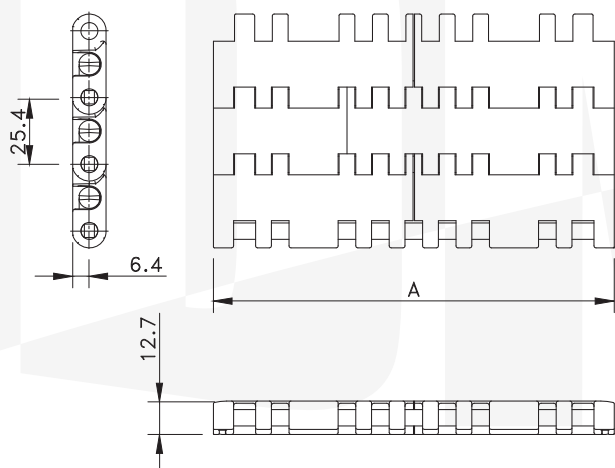
The 1800-series chain is available in closed SolidTop execution, providing excellent support to the conveyed product. The chamfered sides of the chain make it easy to move product sideways. This enables the chain to handle stags of corrugated board and paper as well as other critical products.

- SolidTop execution providing maximum product support.
- 1805 Flat Bottom and 1825 Scalloped Bottom execution to tailor and optimize inline transfers between conveyors.
- 1805-K3 MTW execution robust narrow chain for transfer conveyors.
- Integrated clip pin retention system and single module system enable easy and quick chain maintenance.
- Reinforced module sides to resist local high loading.
- Hinge and pin design create high strength and stiffness resulting in smooth chain operation.
- Robust sprocket and sprocket pocket design for optimum drive capabilities.
- Chain can be tailored to the application using either Polyester (PBT) pins (standard) or Polypropylene pins (on request).

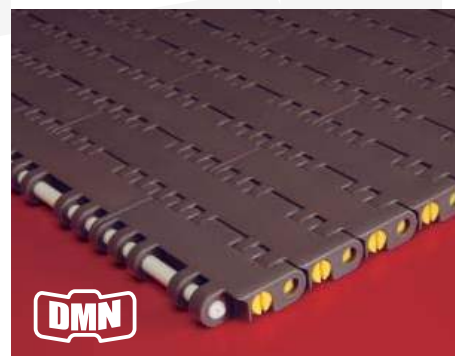
SPROCKETS FOR 1800 SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm		
CLASSIC SPROCKETS								
SQUARE BORES								
N1800 12-40X40	897.30.04	12	40 mm	98.1	96.5	25		
N1800 12-1								
N1800 15-40X40	897.30.03	15	40 mm	122.2	122.1			
N1800 15-60X60	897.30.02		60 mm					
N1800 15-1								
N1800 15-2								
N1800 18-40X40	897.30.01	18		146.3	147.0			
N1800 18-60X60	897.30.00		60 mm					
N1800 18-1½ x 1½	897.30.07		1 ½ in					
N1800 18-2½ x 2½	897.30.08		2 ½ in					





SOLID TOP 7705

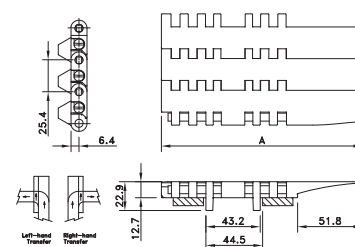
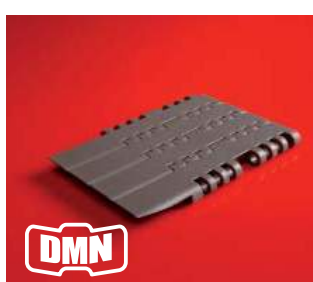
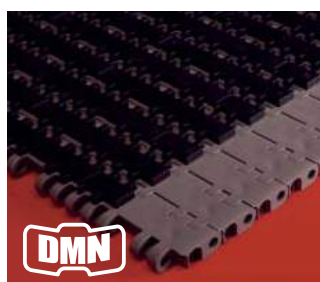


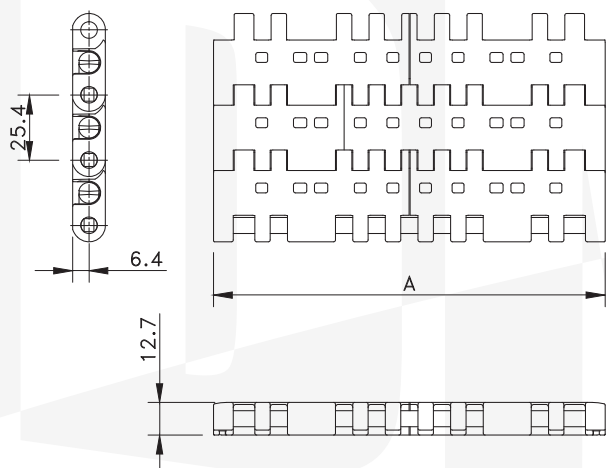
Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) (21°C)	Weight	Backflex radius (min.)
			dry	wet			mm
HP-ACETAL WITH PBT PINS							
STANDARD	HP 7705	I7705HPKxx	-40 to +80	-40 to +65	43000 N/m	13.47 kg/m²	25
DTS LEFT	HP 7705 K450 DTS-SX LEFT (PT)	81413921					
POSITRACK	HP 7705 K750 DTS-SX LEFT (PT)	81413922					
DTS RIGHT	HP 7705 K450 DTS-DX RIGHT (PT)	81413931					
POSITRACK	HP 7705 K750 DTS-DX RIGHT (PT)	81413932					
MOULD TO WIDTH POSITRACK	HP7705PTK325 (MTW-PT)	81415101					
	HP7705PTK450 (MTW-PT)	81415141					
	HP7705PTK750 (MTW-PT)	81415181					
WX-ACETAL WITH PBT PINS							
STANDARD	WX7705	WX7705-xx	-40 to +80	Not recommended	43000 N/m	13.47 kg/m2	25
MOULD TO WIDTH POSITRACK	WX7705PTK325 (MTW-PT)	81430031					
	WX7705PTK450 (MTW-PT)	WX7705-4.5					
	WX7705PTK750 (MTW-PT)	81430041					

In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120".

Special widths start from 5" with ½" increments Upon request 7705 belts can be supplied in metric versions. 7705 belts are also available with rubber top in HTF versions.

Please contact Customer Service for more details.





PERFORATED TOP 7706



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 7706	I7706HPKxx	-40 to +80	-40 to +65	43000	13.18	25

In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120".

Special widths start from 5" with 1/2" increments. 7706 belts can be supplied in metric versions upon request.

FEATURES



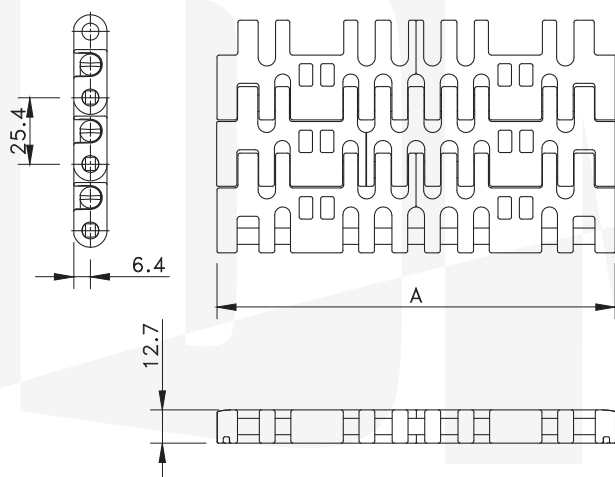
The 7700-series 1-inch pitch heavy-duty belt is used for a large variety of applications. Because of its robust design these belts are common for glass works and automotive industry.

7700-Series is available in a closed, two open, a rubber top and a LBP execution. For single lane conveying several mold-to-width executions with Tab Guides are available. For applications in glass works and beverage industry the Dynamic Transfer System is a proven solution.

As a standard the belts are supplied in high-performance acetal and polypropylene.

- Robust 1/2-inch thick module design means very high strength.
- HP acetal reduces friction, offers excellent wear resistance and creates dry-running possibilities.
- Rounded outside edges for better side transfers and improved product handling.
- Twist-lock™ pin retention by means of a hinged plug prevents plug loss and allows easy pin access for installation and maintenance.
- Dynamic Transfer System (DTS) creates smooth 90° transfers.
- Belt and sprocket design ensure an optimum engagement and a reliable drive.
- 7700-Series belts are companioned by FTM 1055 or FT 1055 Modular belts to make a perfect match between straight running and sideflexing conveyors; 1055 can also be driven by NS 7700 sprockets.





PERFORATED TOP 7708



Assembly	Belt type	Codenr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 7708	I7708HTKxx	4 to 100	4 to 100	26000	7.81	25
USP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	USP 7708	USP7708Kxx	4 to 100	4 to 100	26000	7.81	25

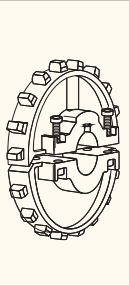
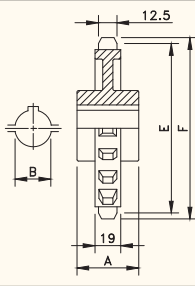
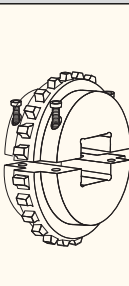
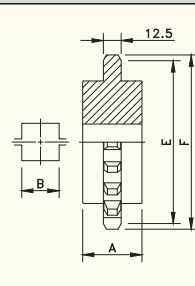
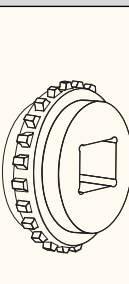
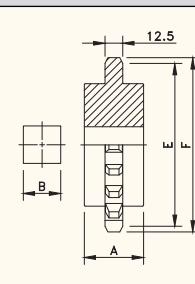
In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 3" increments up to 120".

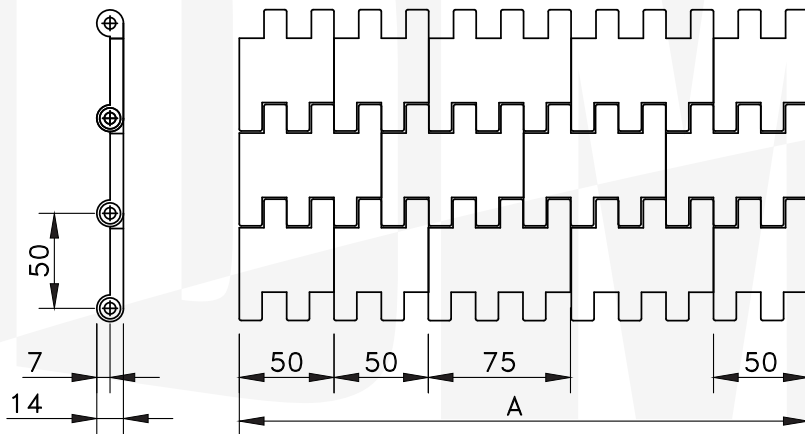
Special widths start from 5" with ½" increments.

PROGRAMME

PROGRAMME	
7705 Solid Top	Closed surface; for heavy-duty glass and PET applications metric version can optionally be equipped with Positrack
7706 Perforated Top	8% Open area; for amongst others can handling
7708 Perforated Top	20% Open area; for amongst others warmers and coolers
7705 Rubber Top	For inclined and declined conveyors up to 20°; available upon request
Positrack	Tabs for accurate guiding of the belt in the conveyor (metric execution and DTS only)
DTS	Single module Dynamic Transfer System for left- or right hand self-clearing transfers to avoid dead plates at 90° transfers; as a standard equipped with Positrack guiding

SPROCKETS FOR 7700 SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm			
SPLIT SPROCKETS INJECTION MOULDED									
ROUND BORES									
NS 7700 T16 R25	614-62-25	16	25	130.2	130.6	51			
NS 7700 T16 R30	614-62-30	16	30						
NS 7700 T16 R35	614-62-35	16	35						
NS 7700 T16 R40	614-62-40	16	40						
NS 7700 T18 R25	614-60-25	18	25	146.3	146.9				
NS 7700 T18 R30	614-60-30	18	30						
NS 7700 T18 R35	614-60-35	18	35						
NS 7700 T18 R40	614-60-40	18	40						
NS 7700 T21 R25	614-63-25	21	25	170.4	170.7				
NS 7700 T21 R30	614-63-30	21	30						
NS 7700 T21 R35	614-63-35	21	35						
NS 7700 T21 R40	614-63-40	21	40						
SPLIT SPROCKETS MACHINED									
SQUARE BORES									
KUS 7700 T16 S40	614-370-4	16	40	130.2	130.6	48			
KUS 7700 T18 S40	I7700604166	18	40	146.3	146.9				
KUS 7700 T18 S50	I7700604176	18	50						
KUS 7700 T21 S40	614-383-4	21	40	170.3	170.7				
KUS 7700 T21 S50	614-383-6	21	50						
KUS 7700 T21 S60	614-383-8	21	60						
CLASSIC SPROCKETS MACHINED									
SQUARE									
KU 7700 T18 S50	114-3926-10	18	50	146.3	146.9	48			
KU 7700 T18 S60	114-3926-12	18	60						
KU 7700 T21 S50	114-3925-12	21	50	170.3	170.7				
KU 7700 T21 S60	114-3925-14	21	60						
KU 7700 T21 S65	114-3925-15	21	65	202.7	204.2				
KU 7700 T25 S50	114-3927-13	25	50						



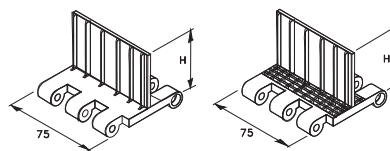
SOLID TOP 6390T



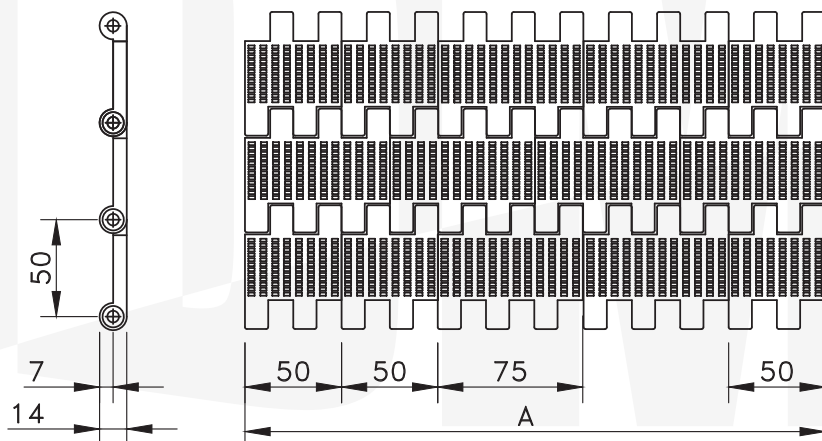
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6390T	I6390TWHTKxx	5 to 105		1500 per row tension plates	9.55	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6390T	I6390TBHTKxx	5 to 105		1500 per row tension plates	9.55	50

In code numbers xx corresponds with the belt width (A), starting with 225 mm with 75 mm increments up to 2475 mm.

Other sizes upon request.



Belt width mm	Standard number tension plates	Max. number tension plates without sideguards	Max. number tension plates with sideguards
225	1	$\frac{\text{Belt width} - 225}{75} + 1$	$\frac{\text{Belt width} - 225}{75}$
300 - 750	2		
825 - 1200	4		
1275 - 1500	6		
1575 - 1800	8		
1875 - 2475	10		



PERFORATED TOP 6391T



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6391T	I6391TWHTKxx	5 to 105		1500 per row tension plates	9.02	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6391T	I6391TBHTKxx	5 to 105		1500 per row tension plates	9.02	50
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 6391T	I6391TWLTxx	-70 to +25		1500 per row tension plates	9.02	50

In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 225 mm with 75 mm increments up to 2475 mm.

Other sizes upon request.

FEATURES

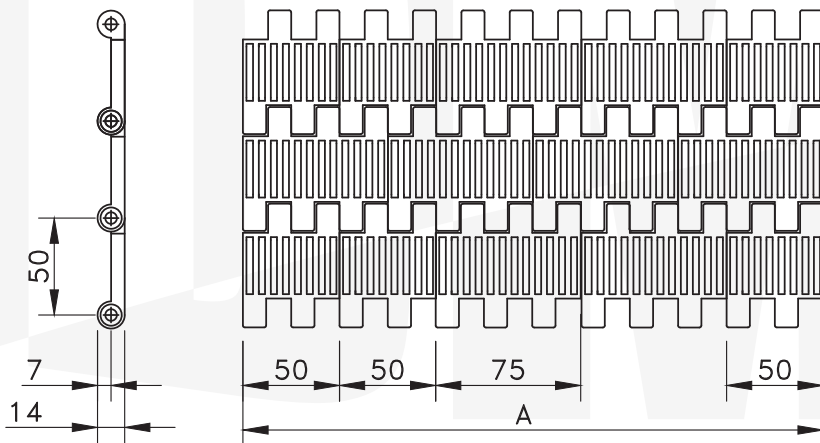


The 6300-series 50 mm pitch hybrid belt combines the features of steel and plastic components with the advantages of a real modular system. The new 6300T series offers a brick-layed pattern in combination with a reusable pin retention system.

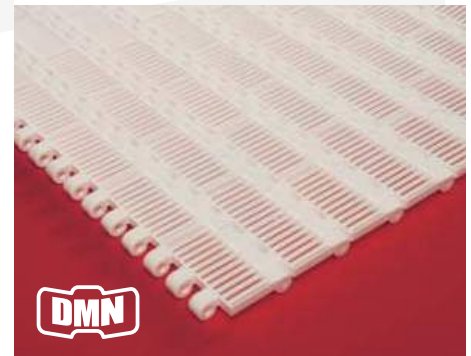
In combination with flights and sideguards this belt is a common choice for the food industry. As a standard the belts are supplied in polypropylene and polyethylene.

- Fully plastic product support surface due to the cleverly positioned tension plates underneath the belt surface.
- 6391 and 6392 belt modules are diamond-shaped, resulting in a minimum contact area with the product, with little risk of product sticking to the belt surface.
- Easy to operate pin retention system.
- 6300T-series is strongly recommended for high-temperature applications, such as cookers and blanchers.
- High strength and good dimensional stability due to stainless steel frame of tension plates and pins; no large pitch elongation occurs because of thermal expansion during operation.
- Completely flush modules and edges.
- Bricklayed pattern improves belt robustness and enables easy maintenance and assembly.
- 6300T-Series belts are a replacement for the original 6300-series offering important advantages with respect to pin retention and product handling. 6300T and 6300-series run on the same sprockets. For replacement purposes 6300-series can still be obtained.





PERFORATED TOP 6392T



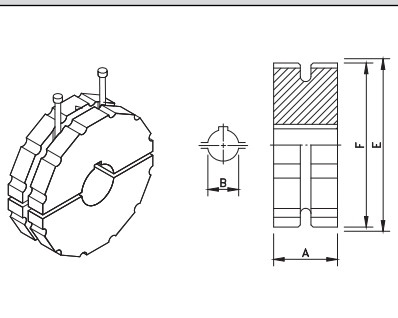
Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6392T	I6392TWH TKxx	5 to 105		1500 per row tension plates	8.75	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6392T	I6392TBHT Kxx	5 to 105		1500 per row tension plates	8.75	50
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 6392T	I6392TWLT xx	-70 to +25		1500 per row tension plates	8.75	50

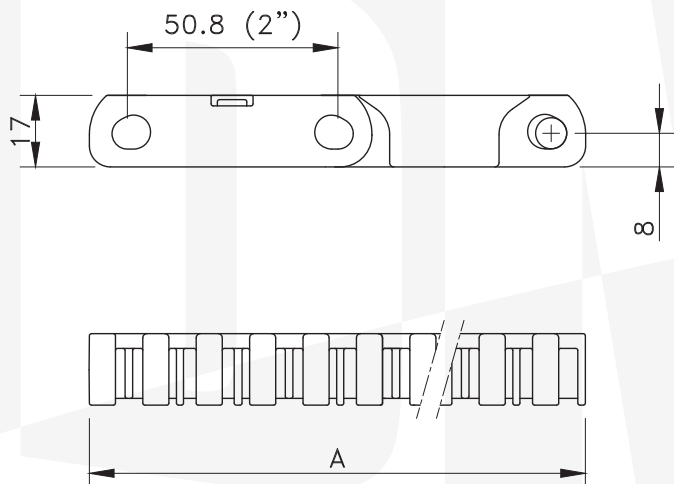
In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 225 mm with 75 mm increments up to 2475 mm.

Other sizes upon request.

SPROCKETS

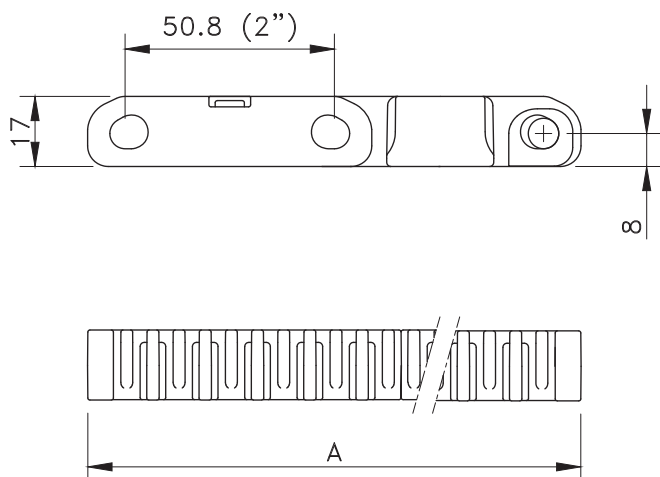
SPROCKETS FOR 6300 Series

Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width		
			B	E	F	A		
			mm	mm	mm	mm		
SPLIT SPROCKETS								
ROUND BORES								
KUS 6390 T08 R30	I6390630652	8	30	130.6	120.7	60	 	
KUS 6390 T08 R40	I6390630692	8	40					
KUS 6390 T10 R30	I6390631462	10	30					
KUS 6390 T10 R40	I6390631482	10	40					
KUS 6390 T12 R30	I6390631572	12	30					
KUS 6390 T12 R40	I6390631592	12	40					
KUS 6390 T16 R30	I6390631682	16	30					
KUS 6390 T16 R40	I6390631702	16	40					
KUS 6390 T08 S40	I6390603836	8	40	130.6	120.7	60		
KUS 6390 T10 S40	I6390630512	10	40	161.8	153.9			
KUS 6390 T12 S40	I6390630532	12	40	193.1	186.6			
KUS 6390 T16 S40	I6390630552	16	40	251.4	256.3			


FLAT TOP 2000

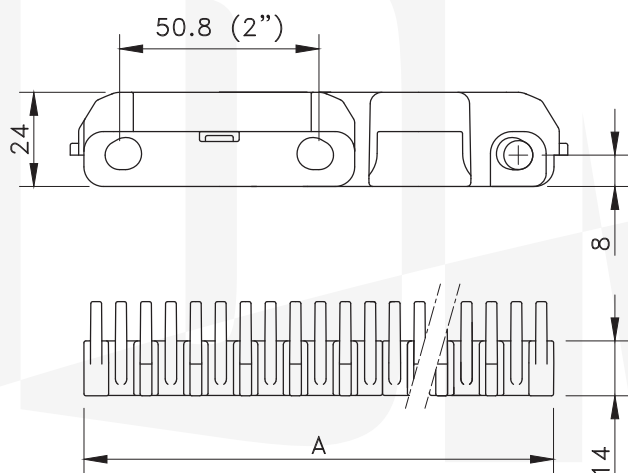

Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FT 2000 XP	838.30.xx	4 to 104	4 to 104	29500	8.20	45

In code numbers xx corresponds with the belt width (A), starting with 10 for 3" 11 for 6" and so on in steps of 3".


FLUSH GRID 2000

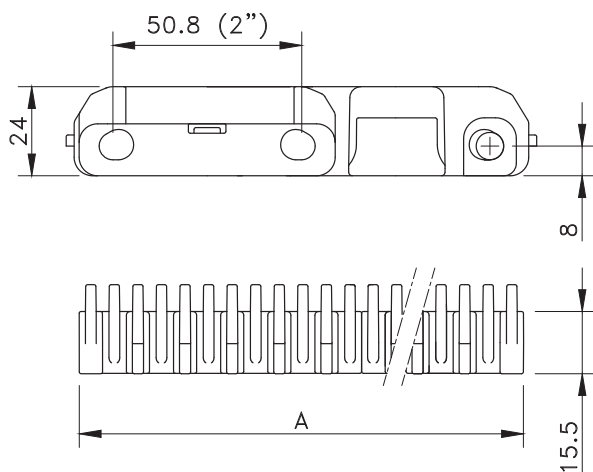

Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FG 2000 XP	838.40.xx	4 to 104	4 to 104	29500	7.55	35

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3".


RAISED RIB 2000

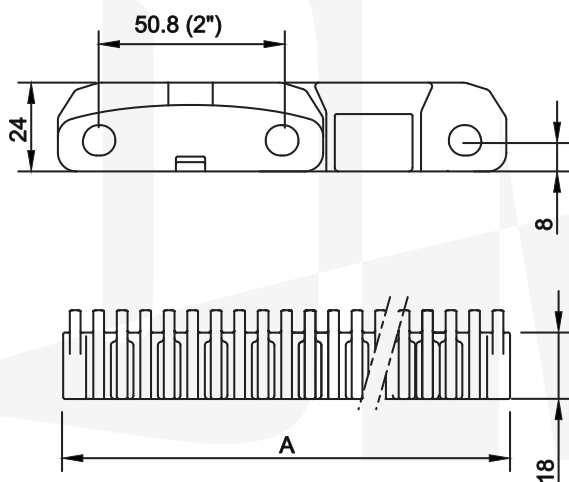

Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	RR 2000 XP	838.10.xx	4 to 104	4 to 104	29500	10.60	75
POSITRACK	RRP 2000 XP	838.90.xx					

In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9".


RAISED RIB 2000 HEAVY DUTY


Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
USP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	RRHD 2000 USP	881.60.xx	4 to 104	4 to 104	29500	11.20	75
POSITRACK	RRHDP 2000 USP	881.90.xx					

In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9".

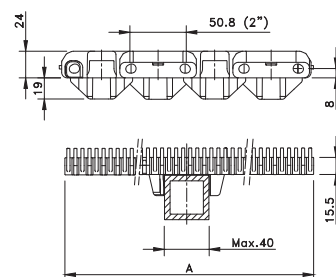
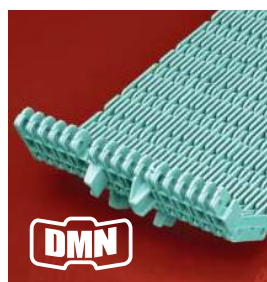


SUPER RIB 2000



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
USP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	SR 2000 USP	881.50.xx	4 to 104	4 to 104	29500	11.20	75
POSITRACK	SRP 2000 USP 881.80.xx						

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9".



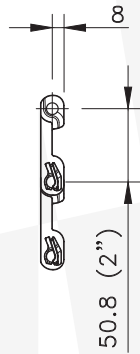
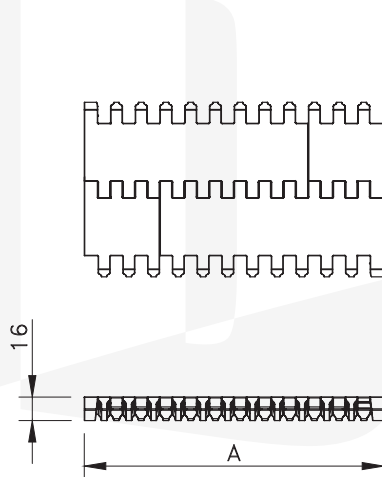
FEATURES

The 2000-series 2-inch pitch belt is typically used in heavy-duty applications, such as pasteurizers, palletizers and accumulation tables. The modules are designed with rigid cross ribs and the multi-angular sprockets support the modules optimally. As a standard the belts are supplied in high-temperature and chemical resistant polypropylene.

- Pin retention by means of clips for easy installation and maintenance.
- Cross rib design creating a high stiffness of the modules to handle huge product loads and taking care of a flat surface for optimum product handling.
- Superb product handling from and onto the belt by using DTS-C transfer system in combination with Raised Rib 2000.

This system consists of a static fingerplate combined with a moving DTS or FreeFlow belt. The belt is positioned in the surface of the DTS-C fingerplate, enabling self-clearing transfers; this is important if changing from one product batch to another in a filling/processing line and if "hot-filled" products should not stay on the infeed transfer of the cooler. The DTS-C transfer eliminates sweepers for better line efficiency. The DTS belt in the system and the chain or belt on the main infeed or outfeed conveyor are supported by the same central wearstrip on the fingerplate, saving installation time and avoiding conveyor height adjustments.





SOLID TOP 2015



Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 2015	846.04.10	-70 to +35	-70 to +35	7500	9.50	87
STANDARD	BLT 2015	846.05.10	-70 to +35	-70 to +35	7500	9.50	87
POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 2015	849.04.10	4 to 104	4 to 104	15000	8.90	87
STANDARD	BHT 2015	849.03.600	4 to 104	4 to 104	15000	8.90	87
ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 2015	844.03.10	4 to 80	4 to 65	20000	13.60	87
STANDARD	SMB 2015	844.02.510	4 to 80	4 to 65	20000	13.60	87

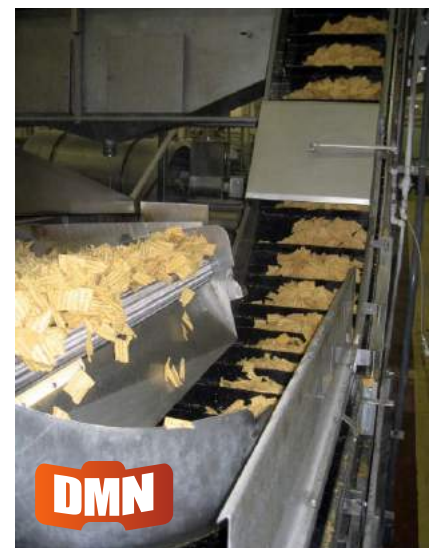
* Code numbers in the table correspond with 6" wide belts. Code numbers go up with 1 (e.g. 846.07.01, 846.07.02 etc.) for each standard 2" increment (8", 10" etc.) up to 120". Optionally 2/3" increments possible

FEATURES

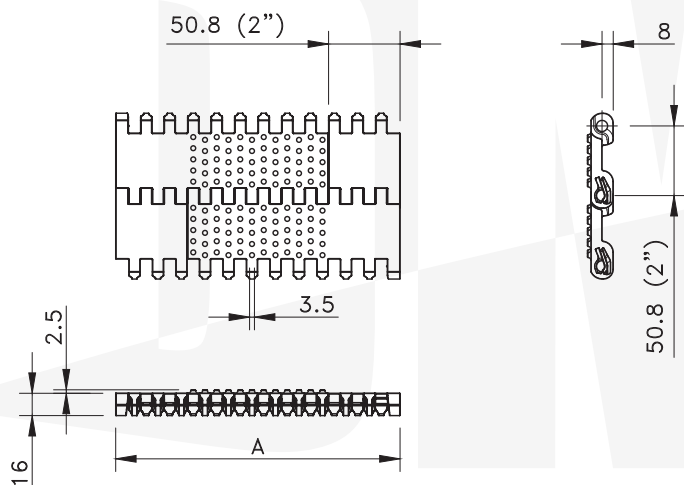


The 2010-series 2-inch pitch belts can be used in a large variety of food applications. These belts are used on deboning and trimming lines as well as medium- and heavy-duty elevators. Due to the various executions and the large range of accessories, a tailor-made solution for each food handling application is possible.

- The modules are flush all around and do not have closed or hidden pockets. Especially the large open area between the rows of hinge eyes underneath the belt offer very good accessibility for cleaning. The rod retention area is very easy to clean and because of the absence of rims or hidden areas there is no risk of dirt and debris accumulating.
- This belt is very easy to assemble or disassemble, due to the integrated locking system. With a screwdriver the rod retention finger can be positioned in either the 'locked' or the 'unlocked' position.
- The extended hinge eyes underneath the belt provide a large footprint, reducing contact pressure and wear. The connection of the hinge eyes with the top plate is very rigid, giving the belt excellent impact resistance. The large rod diameter also means less pressure and wear reduction in the hinges.
- The design of the sprocket and the belt has been optimised to ensure an excellent drive, up to the maximum working load of the belt during its whole life. The machined sprockets have excellent strength and cleanability.



TEXTURED TOP 2011

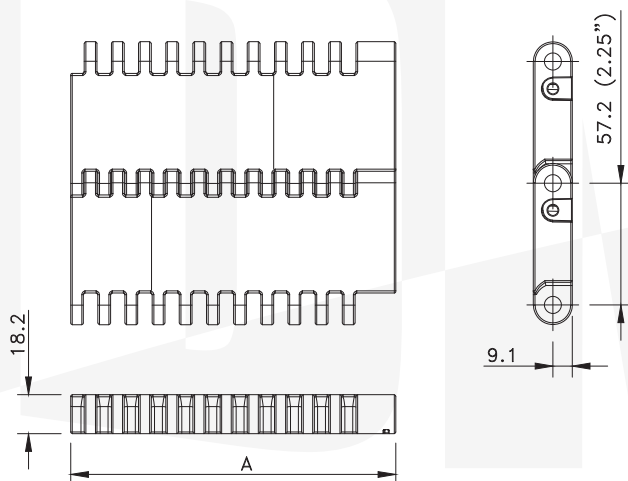


Assembly	Belt type	Codennr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 2011	846.07.51	-70 to +35	-70 to +35	7500	9.50	87
STANDARD	BLT 2011	846.09.51	-70 to +35	-70 to +35	7500	9.50	87
POLYPROPYLENE WITH POLYPROPYLENE PINS							
MOULD TO ORDER	WHT 2011	849.06.51	4 to 104	4 to 104	15000	8.90	87
MOULD TO ORDER	BHT 2011	849.02.60	4 to 104	4 to 104	15000	8.90	87
ACETAL WITH POLYPROPYLENE PINS							
MOULD TO ORDER	WSM 2011	844.04.51	4 to 80	4 to 65	20000	13.60	87
MOULD TO ORDER	SMB 2011	844.05.00	4 to 80	4 to 65	20000	13.60	87

* Code numbers in the table correspond with 6" wide belts. (e.g. 846.07.52, 846.07.53 etc.) for each standard 2" increment (8", 10" etc.) up to 120".

Optionally 23" increments possible. If you require flights or sideguards, please describe the belt by choosing from the options listed in the 2nd column of the table

Material	WLT or BLT or WHT or BHT	
Belt type	2016	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 8"; smaller upon request
Flights	F1 or F2 or F3 or F4 or H.. F5 or F6 C4 or C6 RF2 or RF3 or RF4 or RH.. RC4 or RC6 B4 or B6	Straight; standard height 1" to 4" or special in mm; all materials available Straight; standard height 5" or 6" Curved; height 4" or 6" Ribbed straight; height 2", 3" or 4" or special in mm Ribbed curved; height 4" or 6" or special in mm Bucket flight; height 4" or 6"
Pitch between flights	T..P	Flights on every .. th row
Flight side-indent	N.. (in inches)	Minimal 1 1/3" with 2/3" increments; sideguards are situated at 1/3" from the flight, reducing the indent by 2/3"; if side-indent is 1 1/3", sideguards are directly besides the flight, reducing the indent by 1/3"
Sideguards	SG2 or SG3 or SG4	Standard height of 2", 3" or 4"
Integrated Siderail	ISR4 or ISR6	Standard height of 4" or 6" Other sizes up on request. Side Indent in combination with ISR is always 2 2/3 " to the flight. Flights are positioned directly against the Integrated Siderail (ISR).



SOLID TOP 6995



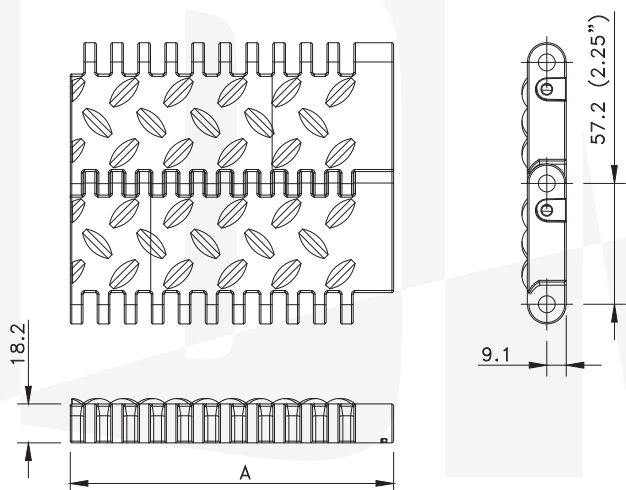
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
BSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BSM 6995	I6995BSMKxx	4 to +80	4 to +65	51000	14.65	38
BYSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BYSM 6995	I6995BYSMKxx	4 to +80	4 to +65	51000	14.65	38

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 6" increments up to 190"; special widths begin at 5" with ½" increments.

SPROCKETS

SPROCKETS FOR 2010 SERIES

Type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	
SQUARE BORES							
CS 2010-6-40x40	897.20.23	6	40	101.6	87.0	33	
CS 2010-8-40x40	897.20.04	8	40	132.8	121.0		
CS 2010-10-40x40	897.20.07	10	40	164.4	154.0		
CS 2010-10-60x60	897.20.10	10	60	196.3	188.0		
CS 2010-12-40x40	897.20.26	12	40	196.3	188.0		
CS 2010-12-60x60	897.20.29	12	60				
6 teeth sprockets are not recommended as drive sprockets.							



SAFETY TOP 6999



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
BSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BSM 6999	I6999BSMKxx	4 to +80	4 to +65	51000	14.65	38
BYSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BYSM 6999	I6999BYSMKxx	4 to +80	4 to +65	51000	14.65	38

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 6" increments up to 190"; special widths begin at 5" with ½" increments.

FEATURES

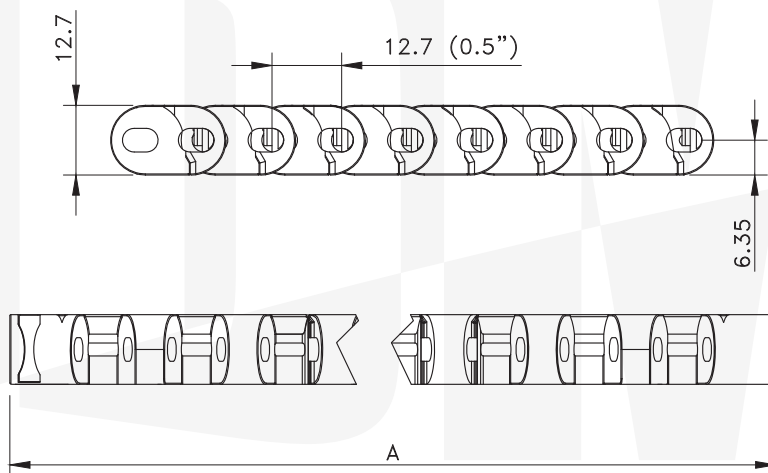
The 6990-series 2¼-inch pitch heavy-duty belt is mainly intended for long and wide conveyors in different segments of the automotive industry. The closed surface of the 6995, the non-skid surface of the 6999 execution and the high load capability of these belts allow the handling of people and cars in assembly lines, water and leak testing and car wash applications. As a standard the belts are supplied in high-performance acetal.

- High load capacity up to 50,000 N/m with standard pins and over 70,000 N/M with PBT Pins.
- Equally divided hinge eyes for higher chain stiffness.
- Long life chain design due to large pin diameter, optimum hinge eye width and proven wear resistant design of the chain underside.
- Easy installation and maintenance in combination with Twist-Lock® pin retention at both sides, which are easy to operate with just a screwdriver and prevent the loss of plugs; self-closing under influence of chain weight.
- Standard available in BSM Acetal and in BYSM with yellow sides for clear moving belt edge safety indication; upon request also available with red sides.
- Superior drive technology also under high loading, due to specific belt pocket and drive sprocket design.
- High strength indented pushers available for car wash and automotive applications.

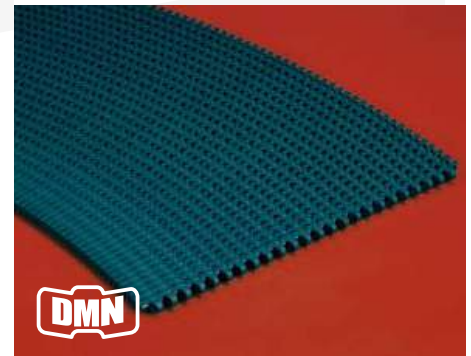


PROGRAMME

PROGRAMME	
6995 Solid Top	Closed surface; suitable for automotive and people moving applications
6999 Safety Top	Closed non-skid surface; prevents slipping in humid, greasy or wet environments
Belt accessories	T1-inch and T2-inch DIN style automotive pushers. These pushers meet the requirements of the DIN24446 standard. Pushers can be combined with 40mm high sideguards (sideguards are available exclusively through selected industry channels)



RADIUS 505



Assembly	Belt type	Code nr.*	Width	Sideflex radius inside	Working load (max.)		Temperature range °C		Weight	Backflex radius
			A	(min.)	straight	in curve				(min.)
			mm	mm	N/m	N	dry	wet	kg/m²	mm
WITH SPECIAL REINFORCED PLASTIC PINS										
FLAT	RB 505 XLG 255	867.20.12	255	510	15000 1300 -40 to +80 -40 to +65 9.0 15					
	RB 505 XLG 340	867.20.13	340	680						
	RB 505 XLG 425	867.20.14	425	850						
	RB 505 XLG 510	867.20.15	510	1020						
	RB 505 XLG 595	867.20.16	595	1190						
	RB 505 XLG 680	867.20.17	680	1360	15000 1300 -40 to +80 -40 to +65 9.0 15					
POSITRACK	RBP 505 XLG 255	867.30.12	255	510						
TWOSIDES	RBP 505 XLG 340	867.30.13	340	680						
	RBP 505 XLG 425	867.30.14	425	850						
	RBP 505 XLG 510	867.30.15	510	1020						
	RBP 505 XLG 595	867.30.16	595	1190						
	RBP 505 XLG 680	867.30.17	680	1360						
WSM-ACETAL WITH PBT PINS										
FLAT	WSM 505 RB	868.20.xx	255 to	2x belt width	15000	1300	-40 to +80	-40 to +65	9.0	15
680 POSITRACK	WSM 505 RBP	868.30.xx								

In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm,

13 for 340 mm and so on with 85 mm increments up to 680 mm; wider belts available upon request.

FEATURES



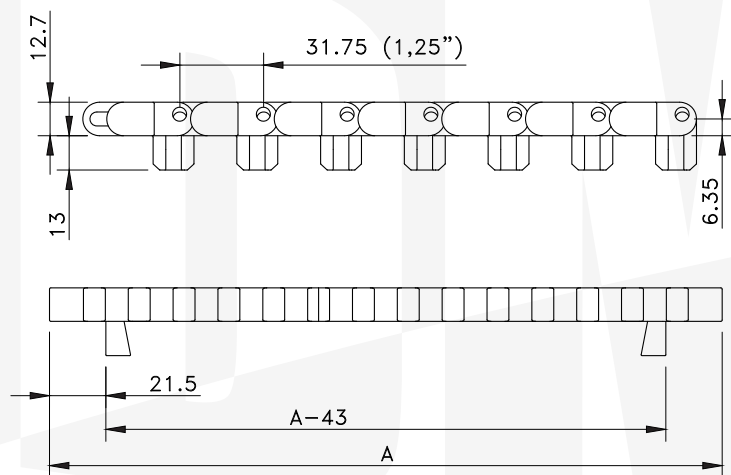
The sideflexing belts range exists of ½-inch pitch 505, 1¼-inch pitch 1200 and 1¼-inch pitch 7956 belts, offering a solution for almost any curved application. As a standard the belts are supplied in low friction acetal for beverage, in acetal or polypropylene.

- In compliance with the industry standards, three curve guiding systems are offered: RBP uses beveled Positrack lugs underneath the belt to guide the belt in the curve. The lugs run against a beveled strip, retaining the belt in the curve. This system enables easy removal of the belt from the conveyor for cleaning or maintenance. The conveyed product can be wider than the belt width as there is no wearstrip on top of the belt to hold it down.

RBT guiding uses Tabs underneath the belt to hold the belt down while running through the curve. Often the tabs can also be used to hang the belt in the return part of the conveyor. Depending on the construction chains MatTop with tabs are more difficult to remove from the conveyor for cleaning and maintenance.

RB (Flat belt without Tabs or Positrack) is suitable for the conventional guiding method, supporting the belt on its inner radius. The belt is held down in the curve by a wearstrip on top of the belt or by running through a U-channel. This method can also be applied in the return part. In this way it is difficult to remove the belt from the conveyor. The RB executions are also suitable for low-tension spiral applications.

- Belt and curve guiding materials have a PV (Pressure/Velocity)-limit determining the maximum speed or load in a specific application. Rexnords calculation software and engineering manuals will advise concerning the feasibility of a specific application. For spiral applications it is recommended to discuss with a qualified OEM retrofit or design details, to avoid overload issues or failures.



RADIUS 1255



Assembly	Belt type	Code nr.*	Sideflex radius (min.)	Temperature range °C		Working load (max.)		Weight kg/m²	Backflex radius (min.) mm
			mm	dry	wet	straight	in curve		
						N/m	N		
XLG-ACETAL WITH PBT PINS									
POSITRACK TWO SIDES	RBP 1255 XLG	867.40.xx	2 x belt width	-40 to +80	-40 to +65	22000	2000	8.00	25
FLAT	RB 1255 XLG	867.70.xx		-40 to +65					
SUPERGRIPPOSITRACK	SG 1255 XLG RBP	867.53.xx		-40 to +65					
WHT-POLYPROPYLENE WITH PBT PINS									
POSITRACK TWO SIDES	WHT 1255 RBP	869.40.xx	2 x belt width	4 to 80	4 to 65	11000	1200	5.20	25
FLAT	WHT 1255 RB	869.90.xx		4 to 65					
SUPERGRIPPOSITRACK	SG 1255 WHT RBP	869.53.xx		4 to 65					
BHT-POLYPROPYLENE WITH PBT PINS									
FLAT	BHT 1255 RB	869.80.xx	2x belt width	4 to 80	4 to 65	11000	1200	5.20	25
WSM-ACETAL WITH PBT PINS									
POSITRACK TWO SIDES	WSM 1255 RBP	868.40.xx	2x belt width	-40 to +80	up to 65	22000	2000	8.00	25
FLAT	WSM 1255 RB	869.00.xx		-40 to +65					
SUPERGRIPPOSITRACK	SG 1255 WSM RBP	868.63.xx		-40 to +65					
SMB-ACETAL WITH PBT PINS									
POSITRACK TWO SIDES	SMB 1255 RBP	868.70.xx	2x belt width	-40 to +80	up to 65	22000	2000	8.00	25
FLAT	SMB 1255 RB	869.10.xx							

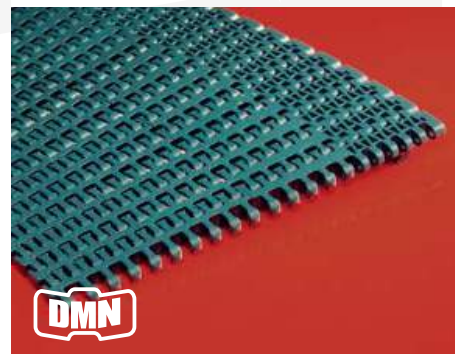
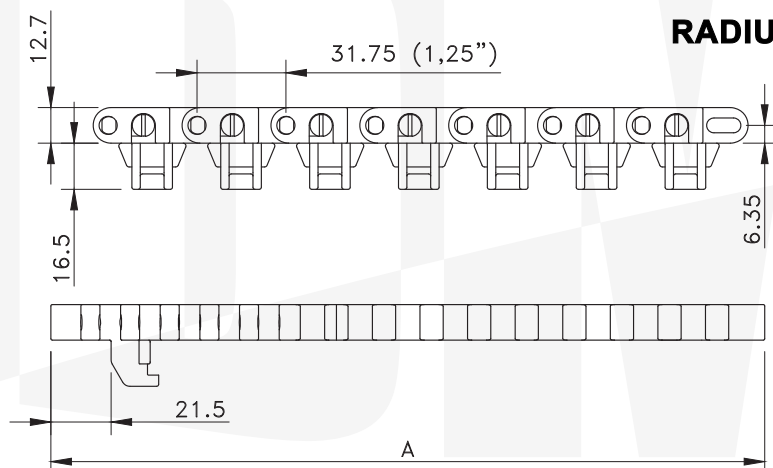
In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm.

If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table

Material	WHT or BHT or WSM or SMB	
Belt type	1255 RBP or 1255 RBT or 1255 RB	
	RBP for Positrack (only in WHT, WSM and SMB), RBT for Tabs (only in WSM and SMB), RB for Flat	
Width (A)	KM-.. (in mm)	
Flights	F3 or H..	
	Standard height of 3" (76.2 mm) or special height in mm	
Pitch between flights	T..P	
	Flights on every .. th row	
Flight side-indent	N.. (in mm)	
	Minimal 51 mm with 17 mm increments	



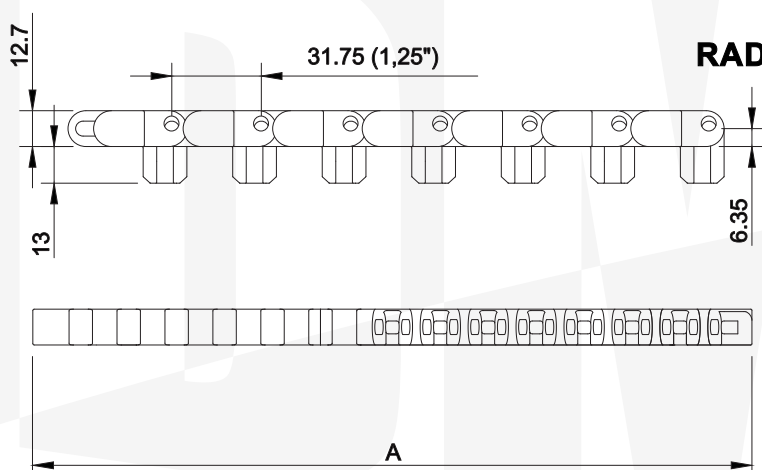
RADIUS 1265 REINFORCED OUTER MODULES



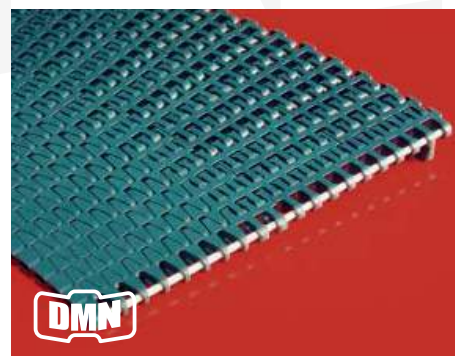
Assembly	Belt type	Code nr.	Width	Sideflex radius (min.)	Temperature range °C		Working load (max.)		Weight kg/m²	Backflex radius (min.) mm
			A				straight	in curve		
			mm	mm	dry	wet	N/m	N		
XLG-ACETAL WITH PBT PINS										
TABS/FLAT	RBT 1265 RB XLG/B 255	864.60.12	255	510	-40 to 80	-40 to +65	22000	3000	8.00	25
	RBT 1265 RB XLG/B 340	864.60.13	340	680						
	RBT 1265 RB XLG/B 425	864.60.14	425	850						
	RBT 1265 RB XLG/B 510	864.60.15	510	1020						
	RBT 1265 RB XLG/B 595	864.60.16	595	1190						
	RBT 1265 RB XLG/B 680	864.60.17	680	1360						
	RBT 1265 RB XLG/B 765	864.60.18	765	1530						
	RBT 1265 RB XLG/B 850	864.60.19	850	1700						
	RBT 1265 RB XLG/B 935	864.60.20	935	1870						
	RBT 1265 RB XLG/B 1020	864.60.21	1020	2040						
TABS/POSITRACK	RBT 1265 RBP XLG/B255	864.00.12	255	510	-40 to +80	-40 to +65	22000	3000	8.00	25
	RBT 1265 RBP XLG/B340	864.00.13	340	680						
	RBT 1265 RBP XLG/B425	864.00.14	425	850						
	RBT 1265 RBP XLG/B510	864.00.15	510	1020						
	RBT 1265 RBP XLG/B595	864.00.16	595	1190						
	RBT 1265 RBP XLG/B680	864.00.17	680	1360						
	RBT 1265 RBP XLG/B765	864.00.18	765	1530						
	RBT 1265 RBP XLG/B850	864.00.19	850	1700						
	RBT 1265 RBP XLG/B935	864.00.20	935	1870						
	RBT 1265 RBP XLG/B1020	864.00.21	1020	2040						
WSM-ACETAL WITH PBT PINS										
TABS/FLAT	WSM/B 1265 RBT RB 255	864.90.12	255	510	-40 to +80	-40 to +65	22000	3000	8.00	25
	WSM/B 1265 RBT RB 340	864.90.13	340	680						
	WSM/B 1265 RBT RB 425	864.90.14	425	850						
	WSM/B 1265 RBT RB 510	864.90.15	510	1020						
	WSM/B 1265 RBT RB 595	864.90.16	595	1190						
	WSM/B 1265 RBT RB 680	864.90.17	680	1360						
	WSM/B 1265 RBT RB 765	864.90.18	765	1530						
	WSM/B 1265 RBT RB 850	864.90.19	850	1700						
	WSM/B 1265 RBT RB 935	864.90.20	935	1870						
	WSM/B 1265 RBT RB 1020	864.90.21	1020	2040						

Other widths (17 mm increments from standard) available upon request.





RADIUS 1275 TIGHT RADIUS INNER MODULES



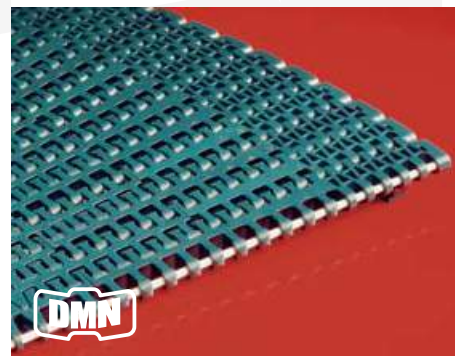
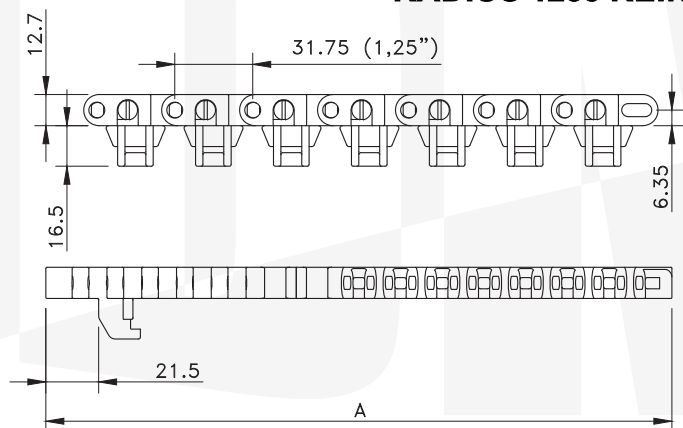
Assembly	Belt type	Code nr.	Width A mm	Sideflex radius (min.) mm	Temperature range °C		Working load (max.)		Weight kg/m²	Backflex radius (min.) mm
					dry	wet	straight N/m	in curve N		
XLG-ACETAL WITH PBT PINS										
FLAT	RB 1275 XLG 255	860.90.12	255	300						
	RB 1275 XLG 340	860.90.13	340	400						
	RB 1275 XLG 425	860.90.14	425	500						
	RB 1275 XLG 510	860.90.15	510	600	-40 to +80	-40 to +65	22000	2000	8.00	25
	RB 1275 XLG 595	860.90.16	595	720						
	RB 1275 XLG 680	860.90.17	680	880						
	RB 1275 XLG 765	860.90.18	765	1040						
WHT-POLYPROPYLENE WITH PBT PINS										
FLAT	WHT 1275 RB 255	860.70.12	255	300						
	WHT 1275 RB 340	860.70.13	340	400						
	WHT 1275 RB 425	860.70.14	425	500						
	WHT 1275 RB 510	860.70.15	510	600	4 to 80	4 to 65	11000	1200	5.20	25
	WHT 1275 RB 595	860.70.16	595	720						
	WHT 1275 RB 680	860.70.17	680	880						
	WHT 1275 RB 765	860.70.18	765	1040						
BHT-POLYPROPYLENE WITH PBT PINS										
FLAT	BHT 1275 RB 255	860.60.12	255	300						
	BHT 1275 RB 340	860.60.13	340	400						
	BHT 1275 RB 425	860.60.14	425	500						
	BHT 1275 RB 510	860.60.15	510	600	4 to 80	4 to 65	11000	1200	5.20	25
	BHT 1275 RB 595	860.60.16	595	720						
	BHT 1275 RB 680	860.60.17	680	880						
	BHT 1275 RB 765	860.60.18	765	1040						
WSM-ACETAL WITH PBT PINS										
FLAT	WSM 1275 RB 255	860.80.12	255	300						
	WSM 1275 RB 340	860.80.13	340	400						
	WSM 1275 RB 425	860.80.14	425	500						
	WSM 1275 RB 510	860.80.15	510	600	-40 to +80	-40 to +65	22000	2000	8.00	25
	WSM 1275 RB 595	860.80.16	595	720						
	WSM 1275 RB 680	860.80.17	680	880						
	WSM 1275 RB 765	860.80.18	765	1040						

Other widths (17 mm increments from standard) available upon request.

For 1275 belts with Positrack or tabs, please contact Customer Service.



RADIUS 1285 REINFORCED OUTER AND TIGHT FIT INNER MODULES

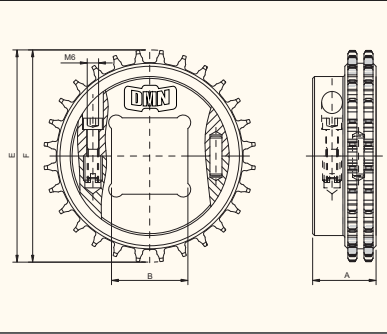
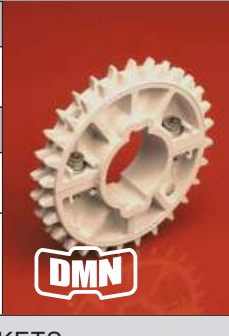
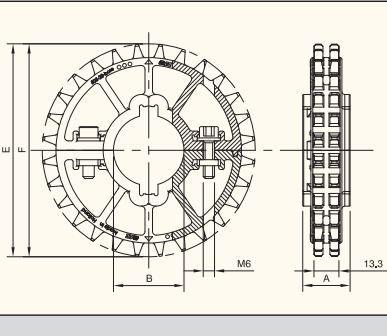
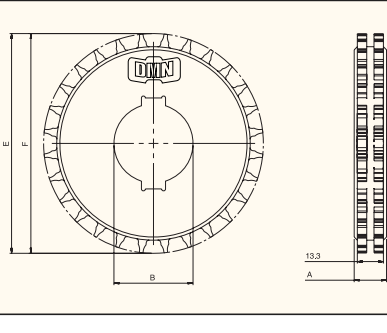
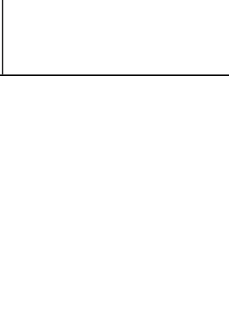


Assembly	Belt type	Code nr.	Width	Sideflex radius (min.)	Temperature range °C		Working load (max.)		Weight kg/m²	Backflex radius (min.) mm
			A				straight	in curve		
			mm	mm	dry	wet	N/m	N		
XLG-ACETAL WITH PBT PINS										
TABS/FLAT	RBT 1285 RB XLG/B 425	863.60.14	425	500	-40 to +80	-40 to +65	22000	3000	8.00	25
	RBT 1285 RB XLG/B 510	863.60.15	510	600						
	RBT 1285 RB XLG/B 595	863.60.16	595	720						
	RBT 1285 RB XLG/B 680	863.60.17	680	880						
	RBT 1285 RB XLG/B 765	863.60.18	765	1040						
	RBT 1285 RB XLG/B 850	863.60.19	850	1200						
	RBT 1285 RB XLG/B 935	863.60.20	935	1350						
	RBT 1285 RB XLG/B 1020	863.60.21	1020	1500						
WSM-ACETAL WITH PBT PINS										
TABS/FLAT	WSM/B 1285 RBT RB 425	865.10.14	425	500	-40 to +80	-40 to +65	22000	3000	8.00	25
	WSM/B 1285 RBT RB 510	865.10.15	510	600						
	WSM/B 1285 RBT RB 595	865.10.16	595	720						
	WSM/B 1285 RBT RB 680	865.10.17	680	880						
	WSM/B 1285 RBT RB 765	865.10.18	765	1040						
	WSM/B 1285 RBT RB 850	865.10.19	850	1200						
	WSM/B 1285 RBT RB 935	865.10.20	935	1350						
	WSM/B 1285 RBT RB 1020	865.10.21	1020	1500						

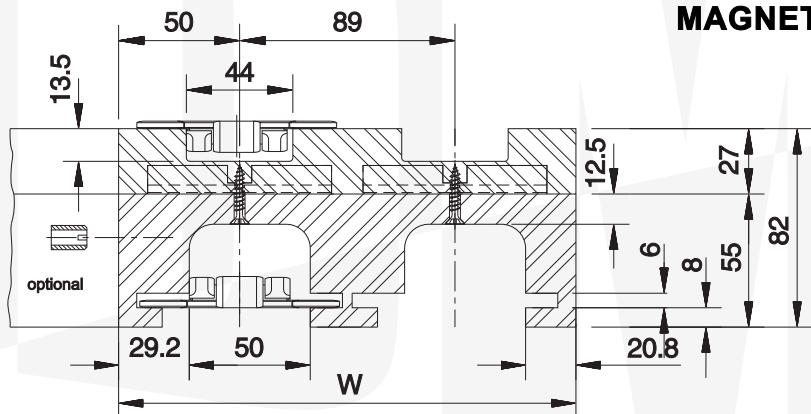
Other widths (17 mm increments from standard) available upon request For 1285 belts with Positrack, please contact Customer Service.



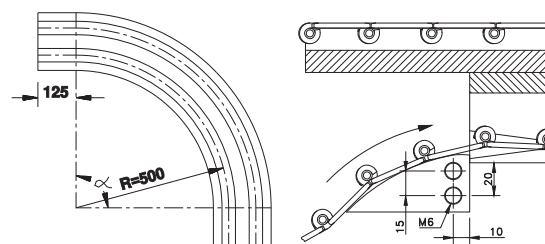
SPROCKETS FOR 505 SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm		
SPLIT SPROCKETS MACHINED								
ROUND BORES								
SS 505 28-25	894.26.16	28	25 mm					
SS 505 28-30	894.26.17	28	30 mm					
SS 505 28-35	894.26.10	28	35 mm					
SS 505 28-1	894.26.41	28	1.0"					
SQUARE BORES								
SS 505 28-25x25	894.26.26	28	25 mm					
SS 505 28-30x30	894.26.27	28	30 mm					
SS 505 28-35x35	894.26.20	28	35 mm					
SS 505 28-1x1	894.26.56	28	1.0"					
SPLIT SPROCKETS INJECTION MOULDED								
ROUND BORES								
SS 505 28-40	895.54.11	28	40 mm	113.4	113.4	25.5		
SS 505 28-1/2			1.5"					
SQUARE BORES								
SS 505 28-40x40	895.54.21	28	40 mm	113.4	113.4	25.5		
SS 505 28-1/2x1 1/2			1.5"					
CLASSIC SPROCKETS								
ROUND BORES								
CS 505 28-25	894.25.16	28	25 mm	113.4	113.4	16.5		
CS 505 28-30	894.25.17	28	30 mm					
CS 505 28-35	894.25.10	28	35 mm					
CS 505 28-40	894.25.11	28	40 mm					
CS 505 28-1	894.25.46	28	1.0"					
CS 505 28-1/2								
CS 505 28-25x25	894.25.26	28	25 mm	113.4	113.4	16.5		
CS 505 28-30x30	894.25.27	28	30 mm					
CS 505 28-35x35	894.26.20	28	35 mm					
CS 505 28-40x40	894.25.21	28	40 mm					
CS 505 28-1x1	894.25.56	28	1.0"					
CS 505 28-1/2x1 1/2								

MAGNETFLEX® COMBI-A VERSION C1



Nr. of tracks	1	2	3	4	5	6
Width W	100 mm	189 mm	278 mm	367 mm	456 mm	545 mm
VERSION C1						
15°	704.05.16	704.05.17	704.05.18	704.05.19	704.05.20	704.05.21
30°	704.05.31	704.05.32	704.05.33	704.05.34	704.05.35	704.05.36
45°	704.05.46	704.05.47	704.05.48	704.05.49	704.05.50	704.05.51
60°	704.05.61	704.05.62	704.05.63	704.05.64	704.05.65	704.05.66
75°	704.05.76	704.05.77	704.05.78	704.05.79	704.05.80	704.05.81
90°	704.05.01	704.05.02	704.05.03	704.05.04	704.05.05	704.05.06



More than 6 tracks on request For steel chains: 10/60/66 M 31 M, 60/66 M 31 XM, 66 M 31 RM, 60/66 M 84 XM For plastic chains: RHMP 325, RHMDP 325, RHMP 84

FEATURES

Magnetflex® curves are available in five different materials. The standard material, Combi-A, is a high grade of polyethylene. It is suitable for most lubricated applications with steel and plastic chains. In clean environment and with low chain speeds Combi-A can also be used in dry running applications. For dry running applications with plastic TableTop chains Combi-L and Combi-S are recommended. These materials are able to work with higher chain speeds.

Combi-S has the largest application field, where Combi-L offers better noise reduction. DMNbelt calculation program determines the PV (pressure-velocity) load on the curve in a specific application and will advise in which application load and speed require Combi-L or Combi-S curves. For lubricated, abrasive applications (filler discharge) or abrasive, dry running applications (glassworks) with (stainless) steel chains, Combi-G is most suitable. This ceramic reinforced polyethylene offers an extremely good wear resistance. New Generation Combi-X curves can be applied in high speed (dry running) applications.

Combi-C Non Marking Tubular Returnpart

With today's high speed conveyor applications and sometimes also abrasive conditions, it is required that the chain surface remains in optimum condition to avoid any unwanted product handling issues. DMNbelt has developed a special Non Marking return section to be combined with the standard Magnetflex® upper part. This new returnpart features a Stainless Steel tubular return which reduces abrasive wear of the chain topsurface. The result is that the chain surface will remain in perfect condition over a long period of time, and optimum product handling at high speeds can be achieved.

Tab and Bevel

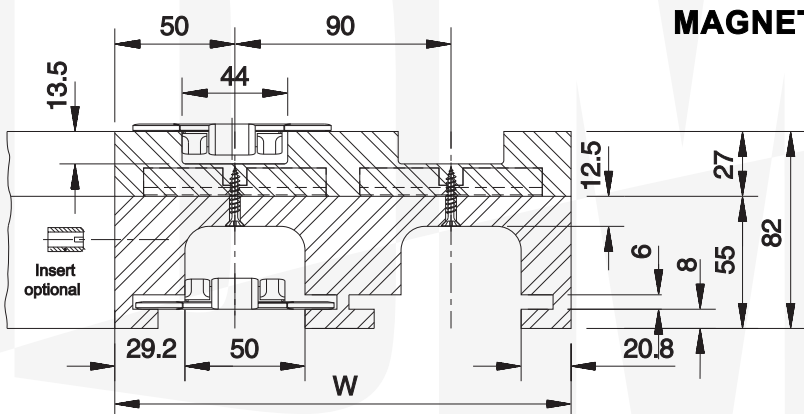
In many industry segments Tab and Bevel curves and straight tracks are an economic solution if stability of the product conveyed, cleanability and ease of installation are not the key areas of interest. They are available for TableTop®, Multiflex and Plate Top chains. Tab and Bevel machined profiles retain the chains in a mechanical way. For these tracks a high grade, wear resistant polyethylene is used.

Customized curves

If these standard versions do not meet specific conveyor needs, it is possible to order customized versions. Both standard and customer specific curves can be supplied in just several working days.

Magnetflex® Combi-X New Generation Hybrid Construction

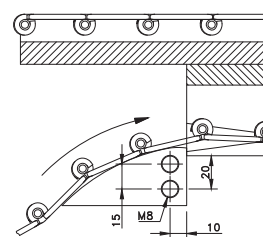
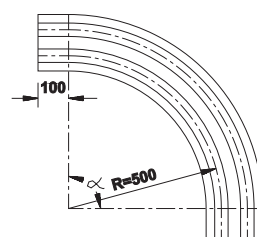
Combination of standard resin base material combined with high performance ULF (Ultra Low Friction) guiding strips makes optimum use of different materials. Guiding strips are permanently fixed to the basepart.



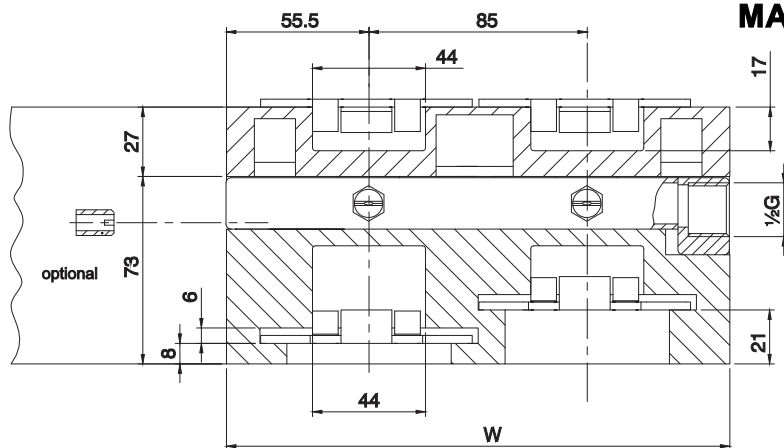
MAGNETFLEX® COMBI-A VERSION C2



Nr. of tracks	1	2	3	4	5	6
Width W	100 mm	190 mm	280 mm	370 mm	460 mm	550 mm
VERSION C2						
15°	704.06.16	704.06.17	704.06.18	704.06.19	704.06.20	704.06.21
30°	704.06.31	704.06.32	704.06.33	704.06.34	704.06.35	704.06.36
45°	704.06.46	704.06.47	704.06.48	704.06.49	704.06.50	704.06.51
60°	704.06.61	704.06.62	704.06.63	704.06.64	704.06.65	704.06.66
75°	704.06.76	704.06.77	704.06.78	704.06.79	704.06.80	704.06.81
90°	704.06.01	704.06.02	704.06.03	704.06.04	704.06.05	704.06.06



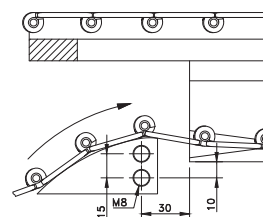
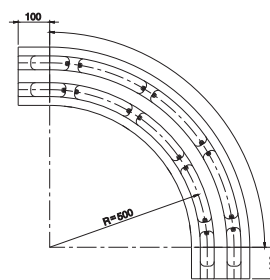
More than 6 tracks on request For steel chains: 10/60/66 M 31 M, 60/66 M 31 XM, 66 M 31 RM, 60/66 M 84 XM For plastic chains: RHMP 325, RHMDP 325, RHMP 84



MAGNETFLEX® VERSION CIP4

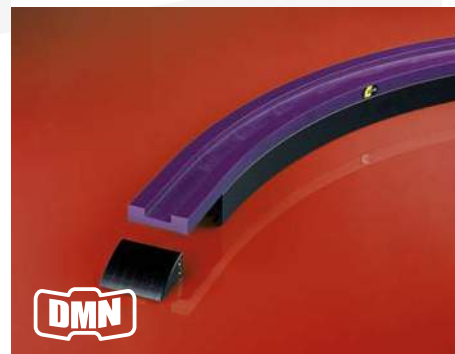


Nr. of tracks	1	2	3	4	5	6
Width W	111 mm	196 mm	281 mm	366 mm	451 mm	536 mm
VERSION CIP4						
15°	785.45.16	785.45.17	785.45.18	785.45.19	785.45.20	785.45.21
30°	785.45.31	785.45.32	785.45.33	785.45.34	785.45.35	785.45.36
45°	785.45.46	785.45.47	785.45.48	785.45.49	785.45.50	785.45.51
60°	785.45.61	785.45.62	785.45.63	785.45.64	785.45.65	785.45.66
75°	785.45.76	785.45.77	785.45.78	785.45.79	785.45.80	785.45.81
90°	785.45.01	785.45.02	785.45.03	785.45.04	785.45.05	785.45.06

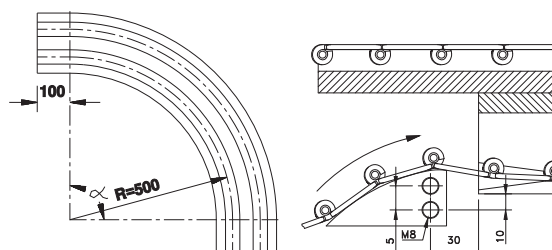


More than 6 tracks on request. • For steel chains: 10/60/66 M 31 M, 60/66 M 31 XM, 66 M 31 RM, 60/66 M 84 XM

Technical drawing of a magnet assembly. The drawing shows a cross-section of the assembly with various dimensions. Key dimensions include: 13.5, 50, 85, 44, 29.2, 50, 12.5, 27, 6, 23, 63, 90, 20.8, and W. The drawing also includes a label 'Insert optional' and a label 'MAGNET'.



Nr. of tracks	1	2	3	4	5	6
Width W	100 mm	185 mm	270 mm	355 mm	440 mm	525 mm
VERSION C6						
15°	704.14.16	704.14.17	704.14.18	704.14.19	704.14.20	704.14.21
30°	704.14.31	704.14.32	704.14.33	704.14.34	704.14.35	704.14.36
45°	704.14.46	704.14.47	704.14.48	704.14.49	704.14.50	704.14.51
60°	704.14.61	704.14.62	704.14.63	704.14.64	704.14.65	704.14.66
75°	704.14.76	704.14.77	704.14.78	704.14.79	704.14.80	704.14.81
90°	704.14.01	704.14.02	704.14.03	704.14.04	704.14.05	704.14.06



More than 6 tracks on request. • For steel chains: 10/60/66 M 31 M, 60/66 M 31 XM, 66 M 31 RM, 60/66 M 84 XM • For plastic chains: RHMP 325 RHMDP 325, RHMP 84

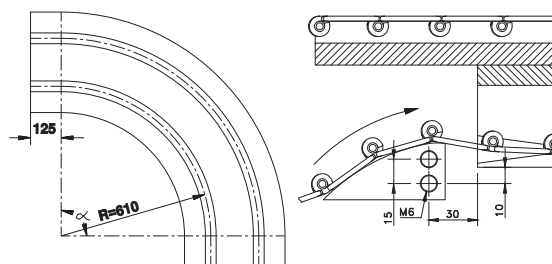
Technical drawing of the front view of a mechanical part. The drawing shows a cross-section of a component with various dimensions and features. Key dimensions include a total width of 196, a central section width of 107, and a total height of 90. The drawing also indicates an optional insert and a variable width 'W'.

Dimensions and features shown in the front view:

- Overall width: 196
- Overall height: 90
- Top left corner radius: 13.5
- Top left section width: 107
- Top center section width: 44
- Bottom left section width: 54
- Bottom center section width: 54
- Bottom right section width: 56
- Overall bottom width: W
- Right side section width: 75
- Right side section height: 12.5
- Right side section width: 27
- Right side section width: 6
- Right side section width: 23
- Right side section width: 63
- Optional insert: Insert optional

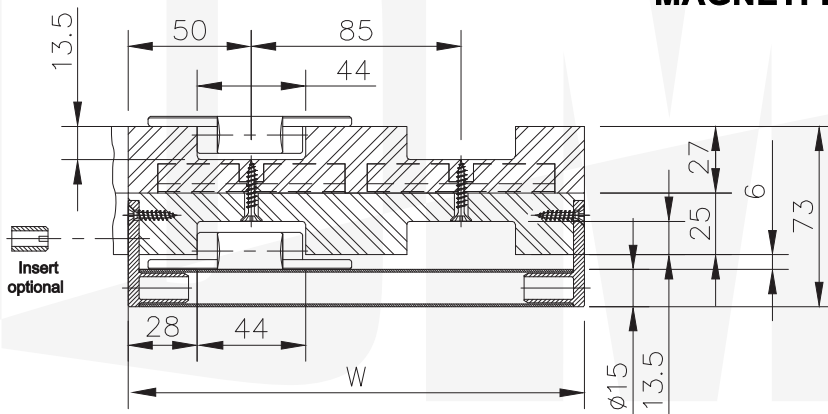


Nr. of tracks	1	2	3	4
Width W	129 mm	249 mm	369 mm	489 mm
VERSION C21A				
15°	714.08.16	714.08.17	714.08.18	714.08.19
30°	714.08.31	714.08.32	714.08.33	714.08.34
45°	714.08.46	714.08.47	714.08.48	714.08.49
60°	714.08.61	714.08.62	714.08.63	714.08.64
75°	714.08.76	714.08.77	714.08.78	714.08.79
90°	714.08.01	714.08.02	714.08.03	714.08.04

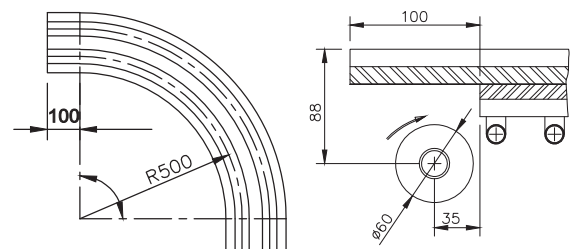


More than 4 tracks on request. • For steel chains: 10/60/66 M 72 M, 66 M 72 RM

MAGNETFLEX® COMBI-A VERSION C6T



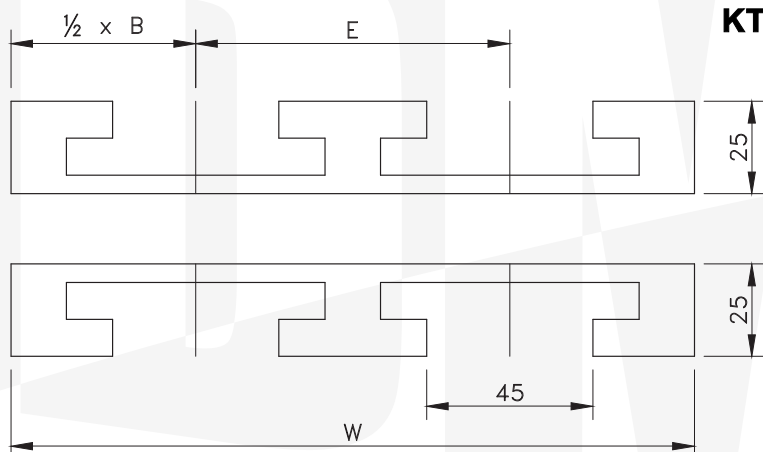
Nr. of tracks	1	2	3	4
Width W	129 mm	249 mm	369 mm	489 mm
VERSION C22A				
15°	714.09.16	714.09.17	714.09.18	714.09.19
30°	714.09.31	714.09.32	714.09.33	714.09.34
45°	714.09.46	714.09.47	714.09.48	714.09.49
60°	714.09.61	714.09.62	714.09.63	714.09.64
75°	714.09.76	714.09.77	714.09.78	714.09.79
90°	714.09.01	714.09.02	714.09.03	714.09.04



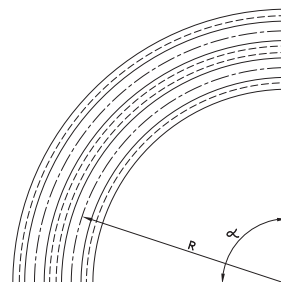
More than 4 tracks on request. • For steel chains: 10/60/66 M 72 M, 66 M 72 RM



KTU FOR SINGLE HINGE CHAINS



Nr. of tracks	1	2	3	Pitch E	Basic width B	Radius R
				mm	mm	mm
VERSION KTU 013						
Width W	100 mm	190 mm	280 mm	For 3.25" wide chains		
15°	787.02.77	787.08.24	787.08.25	90	100	500
30°	787.05.60	787.08.29	787.08.30			
45°	787.03.08	787.04.06	787.08.34			
60°	787.05.71	787.08.38	787.08.39			
75°	787.05.77	787.08.43	787.08.44			
90°	787.00.02	787.00.51	787.00.50			
VERSION KTU 018						
Width W	125 mm	245 mm	365 mm	For 4.50" wide chains		
15°	787.08.49	787.08.50	787.08.51	120	125	610
30°	787.08.55	787.08.56	787.08.57			
45°	787.07.37	787.08.61	787.08.62			
60°	787.08.66	787.08.67	787.08.68			
75°	787.08.72	787.08.73	787.08.74			
90°	787.01.09	787.00.87	787.01.10			
VERSION KTU 030						
Width W	200 mm	395 mm	590 mm	For 7.50" wide chains		
15°	787.08.80	787.08.81	787.08.82	195	200	610
30°	787.08.86	787.08.87	787.08.88			
45°	787.08.92	787.08.93	787.08.94			
60°	787.08.98	787.08.99	787.09.00			
75°	787.09.04	787.09.05	787.09.06			
90°	787.00.07	787.01.11	787.01.12			

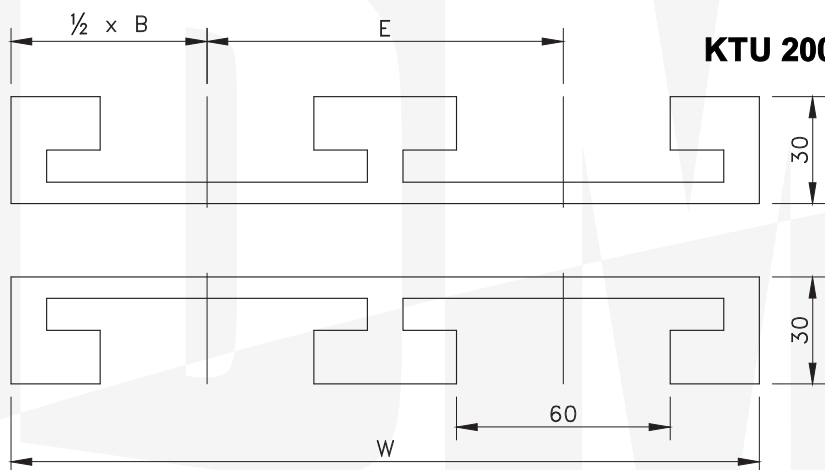


For steel chains:

8811 TAB
881 TAB
66 T 72 RM

For plastic chains:

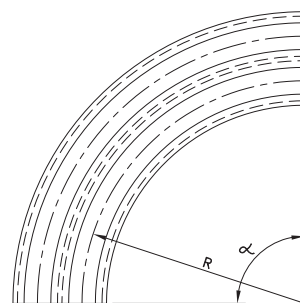
880 TAB
880 TAB BO
879 TAB
879 TAB BO
880 TAB BOT
RH
RHD
1050 TAB
1055 TAB



KTU 200 FOR HEAVY DUTY CHAINS

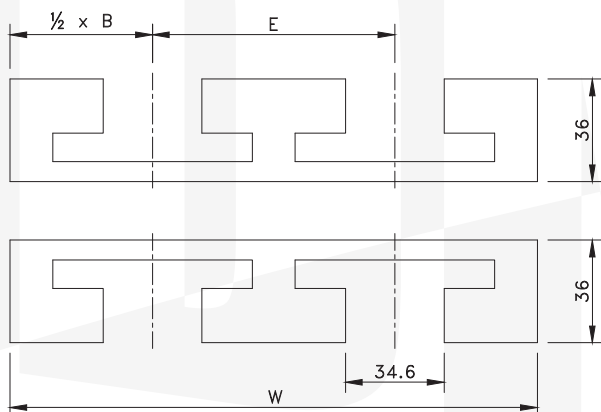


Nr. of tracks	1	2	3	Pitch E	Basic width B	Radius R
				mm	mm	mm
VERSION KTU 215						
Width W	110 mm	210 mm	310 mm	For 3.25" and 3.75" wide chains		
15°	787.12.09	787.12.10	787.12.11	100	110	700
30°	787.12.15	787.12.16	787.12.17			
45°	787.12.21	787.12.22	787.12.23			
60°	787.12.27	787.12.28	787.12.29			
75°	787.12.33	787.12.34	787.12.35			
90°	787.00.05	787.12.39	787.12.40			
VERSION KTU 218						
Width W	130 mm	250 mm	370 mm	For 4.50" wide chains		
15°	787.11.08	787.11.09	787.11.10	120	130	610
30°	787.11.14	787.11.15	787.11.16			
45°	787.04.69	787.11.20	787.11.21			
60°	787.04.07	787.11.25	787.11.26			
75°	787.11.30	787.11.31	787.11.32			
90°	787.02.80	787.07.80	787.11.36			
VERSION KTU 230						
Width W	210 mm	405 mm	600 mm	For 7.50" wide chains		
15°	787.11.40	787.11.41	787.11.42	195	210	610
30°	787.11.46	787.11.47	787.11.48			
45°	787.04.68	787.11.52	787.11.53			
60°	787.11.57	787.11.58	787.11.59			
75°	787.11.63	787.11.64	787.11.65			
90°	787.00.54	787.11.69	787.11.70			
VERSION KTU 240						
Width W	270 mm	530 mm	790 mm	For 10.00" wide chains		
15°	787.11.74	787.11.75	787.11.76	260	270	610
30°	787.11.80	787.11.81	787.11.82			
45°	787.11.86	787.11.87	787.11.88			
60°	787.11.92	787.11.93	787.11.94			
75°	787.11.98	787.11.99	787.12.00			
90°	787.00.06	787.03.26	787.12.04			
VERSION KTU 248						
Width W	320 mm	630 mm	940 mm	For 12.00" wide chains *		
15°	787.12.44	787.12.45	787.12.46	310	320	610
30°	787.12.50	787.12.51	787.12.52			
45°	787.12.56	787.12.57	787.12.58			
60°	787.12.62	787.12.63	787.12.64			
75°	787.12.68	787.12.69	787.12.70			
90°	787.00.21	787.12.74	787.12.75			

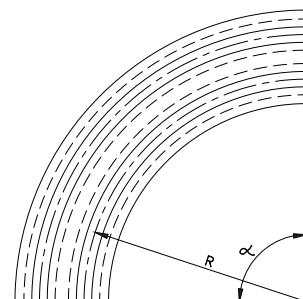


For plastic chains:
882 TAB
883 TAB
HDF

KTU 300 FOR PLATE TOP CHAINS



Nr. of tracks	1	2	3	Pitch E	Basic width B	Radius R
				mm	mm	mm
VERSION KTU 313						
Width W	100 mm	190 mm	280 mm	For 3.25" wide chains		
15°	787.09.13	787.09.14	787.09.15	90	100	500
30°	787.09.19	787.09.20	787.09.21			
45°	787.09.25	787.09.26	787.09.27			
60°	787.09.31	787.09.32	787.09.33			
75°	787.09.37	787.09.38	787.09.39			
90°	787.01.13	787.01.14	787.01.15			
VERSION KTU 318						
Width W	125 mm	245 mm	365 mm	For 4.50" wide chains		
15°	787.09.45	787.09.46	787.09.47	120	125	500
30°	787.09.51	787.09.52	787.09.53			
45°	787.07.50	787.09.57	787.09.58			
60°	787.09.62	787.09.63	787.09.64			
75°	787.09.68	787.09.69	787.09.70			
90°	787.01.16	787.01.17	787.01.18			
VERSION KTU 324						
Width W	160 mm	320 mm	480 mm	For 6.00" wide chains		
15°	787.09.77	787.09.78	787.09.79	160	160	610
30°	787.09.83	787.09.84	787.09.85			
45°	787.09.89	787.09.90	787.09.91			
60°	787.09.95	787.09.96	787.09.97			
75°	787.10.01	787.10.02	787.10.03			
90°	787.01.19	787.01.20	787.01.21			
VERSION KTU 330						
Width W	200 mm	395 mm	590 mm	For 7.50" wide chains		
15°	787.10.10	787.10.11	787.10.12	195	200	610
30°	787.10.16	787.10.17	787.10.18			
45°	787.10.22	787.10.23	787.10.24			
60°	787.10.28	787.10.29	787.10.30			
75°	787.10.34	787.10.35	787.10.36			
90°	787.01.22	787.01.23	787.01.24			
VERSION KTU 340						
Width W	260 mm	520 mm	780 mm	For 10.00" wide chains		
15°	787.10.43	787.10.44	787.10.45	260	260	610
30°	787.10.49	787.10.50	787.10.51			
45°	787.04.70	787.10.55	787.10.56			
60°	787.10.60	787.10.61	787.10.62			
75°	787.10.66	787.10.67	787.10.68			
90°	787.01.25	787.01.26	787.01.27			
VERSION KTU 348						



For plate top chains:
1873 TAB
1874 TAB
3873 TAB

Product	Material chain	Material pin
STEEL SLATBAND CHAINS		
10-series	AISI 430 (1.4016) special 17% chrome stainless steel for improved corrosion resistance, wearlife and strength	AISI 431 (1.4057)
60-series	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	AISI 431 (1.4057)
60-series HB	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	AISI 431 (1.4057) hardened
66-series XHB	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	Special alloy Process hardened
SSC SSR	OPTI-Plus patented alloy of ferritic chrome-nickel stainless steel, for high strength and great wear resistance	AISI 431 (1.4057)
SS 805/815/881	Austenitic chrome-nickel stainless steel with properties similar to 18/8 material, offering good chemical resistance	Austenitic stainless steel
SS 802/812	Ferritic chrome stainless steel for mix of good wear life and high strength	AISI 431 (1.4057)
S SC	Thorough hardened carbon steel, for glassworks and other dry, abrasive applications, offering extremely high working loads and superior wear resistance	Hardened carbon steel
SSB 815	Austenitic stainless steel with a very high chemical resistance for corrosive environments where strong acids or bases are present. As nearly non-magnetic it is used in applications where magnetism of the chain can cause malfunctioning of the system	Austenitic stainless steel
Rubbertop	Special elastomere with a hardness of 70 Shore A	
PLASTIC SLATBAND CHAINS		
XL	Internally lubricated, extra low friction acetal for improved wearlife and high strength. Colour: light brown	Stainless steel (1.4057)
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal; intended for high-output applications at moderate to high speeds. Colour: light brown	
HP	High Performance internally lubricated acetal (POM), for reduced wear up to 40% over plain acetal; intended for dry running or reduced lubrication and high-speed applications. Colour: grey	
PS	Internally lubricated polyacetal for high-speed applications, improving wear life. Colour: grey	
WX	Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal; to be used in dry running glass handling applications and when the chain is subjected to sand and dirt. Colour: light green	
D	Acetal with higher friction and wear resistance; economic alternative. Colour: grey	
LBP	Wear resistant, extra low friction XLA-acetal with special selflubricating additives. Colour: anthracite Rollers are made of special wear resistant and sound absorbing plastic; colour: aubergine. Roller shafts: stainless steel AISI 304 (1.4301)	
SuperGrip	Wear resistant polyester. Colour: anthracite. Rubber top material: special elastomere with a hardness of 70 Shore A. Colour: aubergine	
XLG	Internally lubricated, extra low friction acetal for improved wearlife and high strength; FDA approved. Colour: green-blue	
DKA	Aramid reinforced acetal (POM) for wet or dry abrasive conditions, offering enhanced wear properties over plain acetals in combination with the low friction of a lubricated material. This material is available on request for a selected range of TableTop products.	
MR	Melt resistant nylon PA. Formulated to be used in applications where conveying hot products may cause chain top surface to melt. Colour: black	
CRS	Polyester formulated to reduce or eliminate material degradation in application where chemicals such as chlorine and phosphorous are present at moderate concentrations. Colour: grey	
PLATE TOP CHAINS		
Base chain	Standard: Carbon steel SS: Stainless steel	
Plate Top	LF acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: light brown HP internally lubricated acetal (POM) for reduced wear up to 40% over plain acetal. Colour: grey WX Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal. Colour: loght green WPC Polycarbonate offering resistance to product dropped into the chain. Colour: white	

Product	Material belt	
	PLASTIC MODULAR CONVEYOR BELTS	
AS	Acetal with improved electrical conductive properties, reducing the build-up of static electricity. Colour: black	
WHT	Polypropylene for high temperature applications. Colour: white Colour: green	
BHT	Polypropylene for high temperature applications. FDA-approved. Colour: blue	
BLT	Polyethylene for low temperature applications; high impact resistance. Colour: blue	
SMB	Acetal for high pressure and high speed, due to the hard surface; good abrasion resistance. Colour: blue	
BSM	Acetal with high resistance against wear and superficial damage. Colour: black	
BYSM	Acetal with high resistance against wear and superficial damage. Colour: black with yellow end modules	
HP	High Performance internally lubricated acetal (POM), for reduced wear up to 40% over plain acetal; intended for dry running or reduced lubrication and high-speed applications. Colour: grey	
HT	Polypropylene for applications with high temperatures; good chemical resistance. Colour: beige	
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal; intended for high-output applications at moderate to high speeds. Colour: light brown	
PS	Internally lubricated acetal for high-speed applications, improving wear life. Colour: grey	
TCF	Tough Composite Friction material with high strength and excellent impact and chemical resistance for high-speed case incline or decline conveyors. Colour: light grey	
USP	Ultra Stabilized Polypropylene to increase reliability and prolong wear life in high temperature, chemically-aggressive pasteurizer, warmer and cooler applications. Colour: green	
GM	Gray wear resistant POM with low friction	
DBM	Blue wear resistant POM with low friction	
WLT	Polyethylene for low temperature applications; high impact resistance. Colour: white	
WSM	Acetal for high pressure and high speed, due to the hard surface; good abrasion resistance. Colour white	
WX	Polyamide composite for extended wear life up to five times compared to acetal materials; to be used in dry running glass handling applications where abrasive shards of glass can wear other materials rapidly; it can also be used in applications where the belt is subjected to sand and dirt. Colour: light green	
DKA	Aramid reinforced acetal (POM) for wet or dry abrasive conditions, offering enhanced wear properties over plain acetals in combination with the low friction of a lubricated material. This material is available on request for a selected range of TableTop products.	
XLA	Internally lubricated, extra low friction acetal for improved wearlife and high strength. Colour: anthracite	
XLG	Internally lubricated, extra low friction acetal for improved wearlife and high strength; FDA approved. Colour: green-blue	
XP	Wear resistant polypropylene with excellent long term heat stability – up to 104°C – and a very good chemical resistance; FDA approved. Colour: light green	
USP	Ultra Stabilized Polypropylene with Superior long term heat stability – up to 104°C – and excellent chemical resistance; FDA approved, Colour dark green	
YPR	Wear resistant reinforced polypropylene with excellent long term heat stability – up to 104°C – and a very good chemical resistance. Colour: yellow	
MR	Melt resistant nylon PA. Formulated to be used in applications where conveying hot products may cause chain top surface to melt. Colour: black	
CRS	Polyester formulated to reduce or eliminate material degradation in application where chemicals such as chlorine and phosphorous are present at moderate concentrations. Colour: grey	
DTS-C transfer	Super tough reinforced polyamide, wear and abrasion resistant, extra high strength. Colour: black	
Finger transfer 2500	Mounting block: DMN 1001; high grade mix of UHMWPE. Colour: black Fingers: Reinforced BPR-Polypropylene. Colour: green-blue	
Profile fingerplates 1000/2000	Stainless steel AISI 304 (1.4301)	
Wearstrip 3500	Special lubricated polyamide for superior PV-rating. Colour: grey-black	
Wearstrip 3600	Polyester based plastic for direct food contact; FDA-approved. Colour: white	
	MULTIFLEX AND CASE CONVEYOR CHAIN	
HP	High Performance internally lubricated acetal (POM) for reduced wear up to 40% over plain acetal. Colour: grey	Stainless steel
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: light brown	Stainless steel 1700 K: zinc plated stainless steel
WX	Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal. Colour: light green	Stainless steel
WLF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: white	Stainless steel 1700 K: zinc plated stainless steel
AC	Armor Clad acetal with hardened steel top plates	Zinc plated
BWX	Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal. Colour: black.	Stainless steel 1700 K: zinc plated stainless steel
Corne disc Hub	Reinforced Polyamide HP Low Friction acetal (ND 1700 FL/TR): brass (880)	
XL	Internally lubricated, extra Low Friction acetal for improved wearlife and high strength. Colour: light brown	AISI 431 (1.4057)
NC	Wear resistant, special acetal. Colour: white	AISI 301 (1.4310)
BL	Acetal. Colour: blue, RAL 5005	AISI 301 (1.4310)
WPP	Chemical resistant and high temperature water resistant polypropylene with glass fibers. Colour: white	

Part	Material
CURVES	
Upper part of Combi-A and CIP-curves	DMN 1200, ultra high molecular weight polyethylene, for optimum wear and abrasion resistance with a molecular weight exceeding 9 million g/mol. Colour: aubergine
Upper part of Combi-G curves	DMN 2000, ultra high molecular weight polyethylene, with specially integrated ceramic additives, for superior abrasion resistance with a molecular weight exceeding 9 million g/mol. Colour: green-yellow
Upper part of Combi-S curves	DMN 3500, special polyamide for optimum wear resistance in dry running lines where plastic chains run at high speeds. Colour: sulphite grey
Upper part of Combi-L curves	DMN 3000, ultra high molecular weight polyethylene, for noise reduction and high PV limits with a molecular weight exceeding 9 million g/mol. Colour: light blue
All return parts	DMN 1002, high grade mix of ultra high molecular weight polyethylene, for good wear and abrasion resistance with a molecular weight exceeding 3-7 million g/mol. Colour: black
Cover plates	Stainless steel AISI 430 (1.4016)
Screws	Stainless steel
Inserts (optional)	Brass
Return guide shoe	DMN 1200, ultra high molecular weight polyethylene, for good wear and abrasion resistance with a molecular weight exceeding 9 million g/mol. Colour: black
Tubes in CIP-curves	Stainless steel AISI 303 (1.4305)
Nozzles in CIP-curves	Stainless steel AISI 303 (1.4305)
Tab curves	DMN 1003, ultra high molecular weight polyethylene, for good wear and abrasion resistance with a molecular weight exceeding 1 million g/mol
- inserts (optional)	Brass

Sprocket	Material
SPROCKETS AND IDLERS FOR TABLETOP CHAINS	
N/NS/SSW/SIW	Super tough reinforced polyamide, wear and abrasion resistant
KU(S)/KXT/NSX(T)/NX(T)/SD/SS/SI	Polyamide
ST	Carbon steel
Bolts	Stainless steel AISI 304 (1.4301)
Inserts	Brass
SPROCKETS AND IDLERS FOR MULTIFLEX CHAINS	
KU/KUS/N/NX/NXT	Polyamide
ZN	Zinc plated steel
GG	Cast iron
SPROCKETS FOR CASE CONVEYOR CHAINS	
KU	Polyamide
SR	Super tough reinforced polyamide, wear and abrasion resistant
Hub	Carbon steel with black finish or stainless steel
SPROCKETS FOR MODULAR BELTS	
SSW 500/1000 NS 1500/5996/5700/7700/8500/7956 N 1500 SS 2500 RPA	Reinforced polyamide; extra high strength, wear and abrasion resistant
CS 500/1000/505/1255 KU 1500/3125/5936/7700/8500/7956 KUS 1500/7700/3125	Polyamide; super tough, wear and abrasion resistant
SS 1005/505/1255 SI 1005	Special plastic; super tough, wear and abrasion resistant
KU 1010 CS 2010 KUS 6390	Polyethylene
N 5996/4700/5936 CS/SS 2000 KU 510 KUS/KSXT 9200	POM Acetal; wear resistant
Bolts and nuts	Stainless steel AISI 304 (1.4301)
Inserts	Brass



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