



BELTS & COMPONENTS





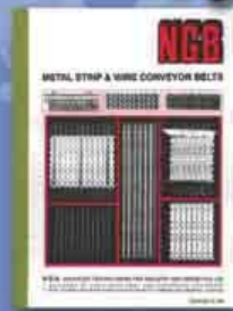
First Factory 1962



Samuel Navon



Lev Nusenbaum



70's



80's

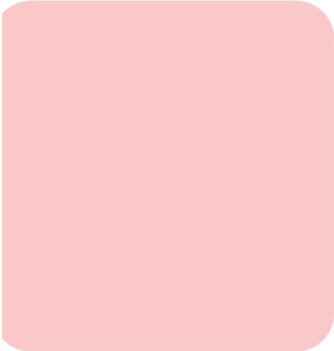
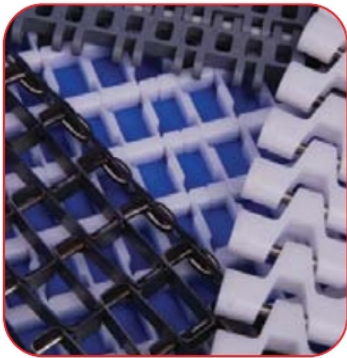
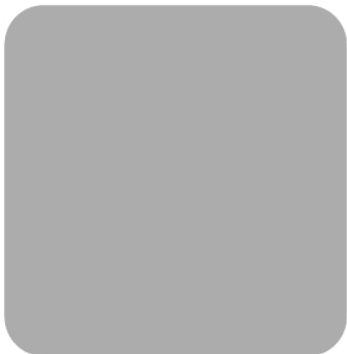
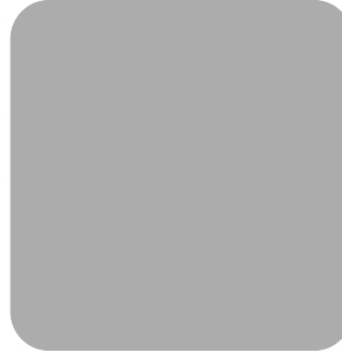


90's

2000's









NGB GROUP PROFILE



NGB Ltd. Was established in 1962 for the purpose of technically serving the food and canning industries.

From a modest start, NGB grew into a modern enterprise with about 80 employees on an area of 5000 square meters.

As well, over the years the company deviated from the food industry and branched out into other areas as well.





Today, NGB Group consists of 4 subsidiaries companies:



NGB Technologies for industry & Conveying Ltd. Specializes in manufacturing and marketing conveying equipment and other technical products made of plastic, steel and stainless steel. At the start, NGB began to manufacture conveyor components for its internal use. But as the demand grew, NGB expanded its production and today, 95% of the components are intended for the national and international market.

All manufacturing processes are monitored by high quality control, which ensures the reliability of the products. The metal conveying products are made of excellent steel, including Stainless Steel according to the customer's requirements. Metal part go through thermal treatments, which endowed them strength and long life service. The metal production includes: Conveyor chains, Metal Strip and Wire Conveyor Chains, Agriculture Chains, Slat Conveyor belts. The high grade thermoplastic raw material crown the final products with a collection



of properties which make them very successful and sought products in the food and chemical industry. Their main properties are high strength, low friction, high wear and shock resistance, high chemical resistance and anti-rust. The plastic production line contains: Slat conveyor chains, Serpentine chains, Plastic belts and thermoplastic bearing housing. NGB employs a large engineering team which enables it to recommend different solutions of high engineering standards.



NGB Engineering Ltd. Specializes in manufacture & processing Lay-out & machinery, Robotic & Automation Equipment, Conveying & Storage Systems, R.P.V Launching & Recovery Systems, Ground Equipment for aircraft & R.P.V and unique projects requiring unusual & unconventional solutions generally under time pressure. The job is executed according to the client's specific & unique requirements or demands, in close cooperation during all stages from preliminary design & ideas throughout final design, manufacturing, testing & running-in, up to the delivery of final products. The achievement of the goal is reached by integration of mechanical, electrical & control engineering with latest "Hi-Tech" developments.



ANB Bearings Ltd. is an international marketing company specializes in mounted ball bearing units. ANB is a joint venture between NGB Technologies, AMI Bearings Inc. (U.S.A) and ASAHI SEIKO Co. (Japan). ANB Is the outcome of over 70 years of technology, knowledge, experience and service in the bearing business.

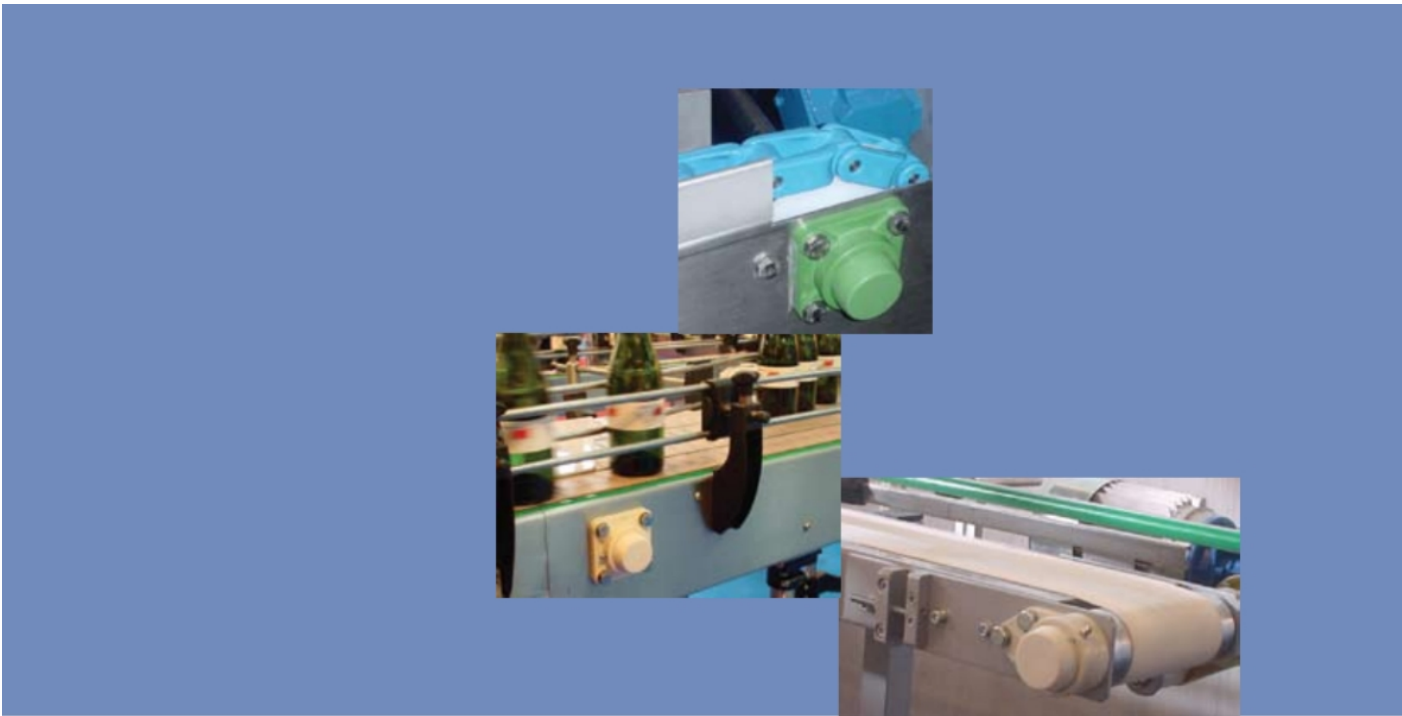
NGB's quality combined with the service of AMI and the international reputation of ASAHI makes ANB one of the leader in the Corrosion Protection Range all over the world. ANB propose a complete range of products for the corrossions protection applications., which include Stainless Steel Bearing Inserts, Thermoplastic Housings and also Stainless Steel & Aluminum housings & Black Oxide Inserts.



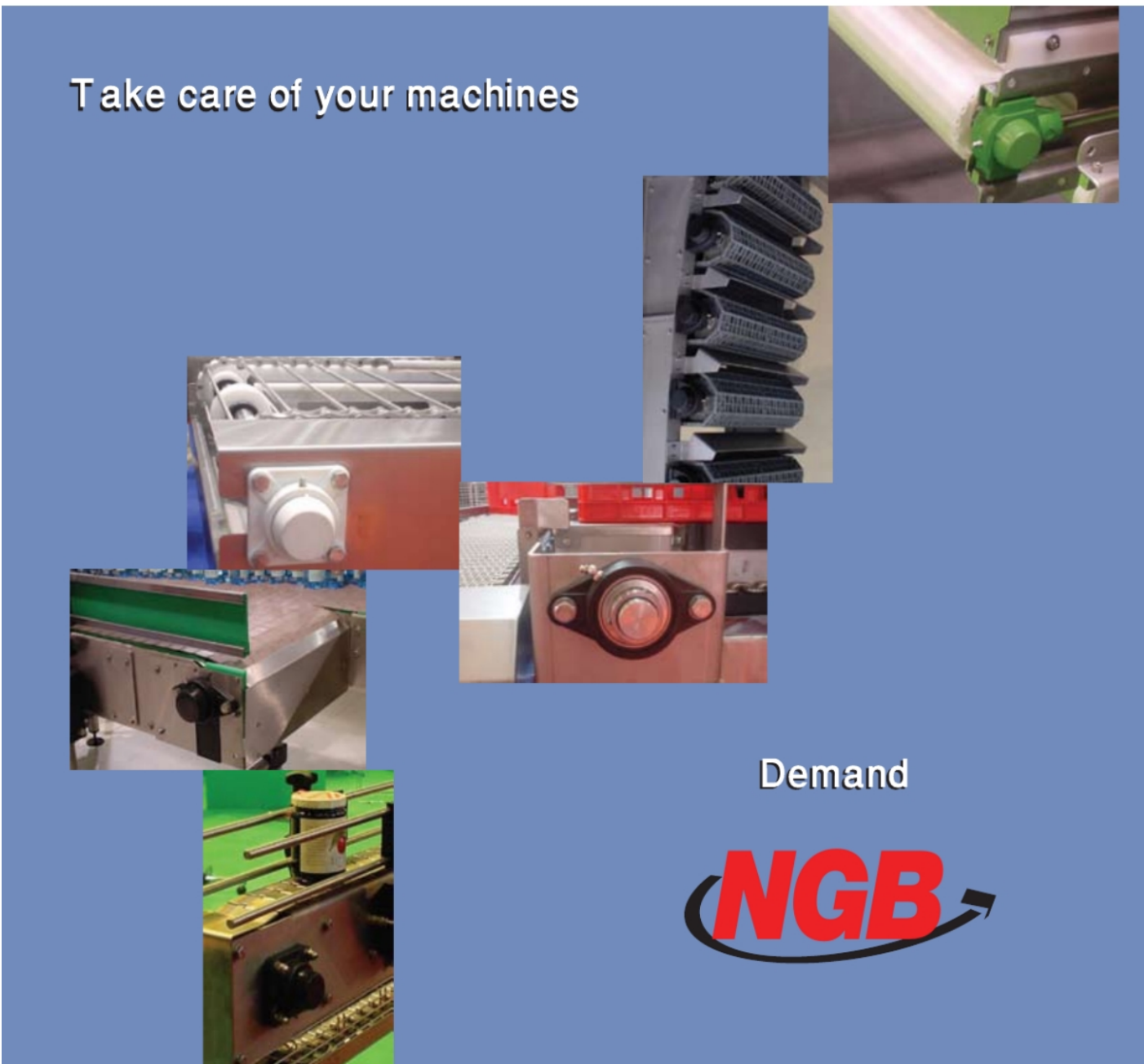
N.G.B Real Estate Ltd. includes investments and real estate.

All applications require reliable components.





Take care of your machines



Demand





Wherever Quality is Needed



BELTS & COMPONENTS



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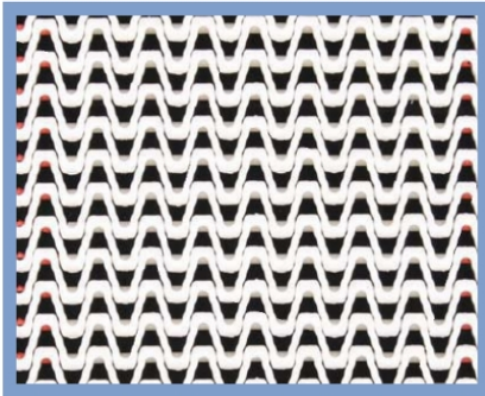


BELTS





12-400



- Belt surface: Open belt with a smooth surface.
- Open area: 40% Biggest opening 6x8 mm.
- Strength: Ideal choice for light transportation.
- Material: PE, PP, POM.
- Application: Cooling belt for small nose bar/transfer.



HUB SPECIFICATION

	Number of teeth			
	10Z	19Z	24Z	28Z
Round bore (mm)	20ø	20ø	20ø	
		25ø	25ø	25ø
		30ø	30ø	30ø
		40ø	40ø	40ø
Square bore (mm)			25x25	25x25
			40x40	40x40

bore available in inch size

BELT DATA

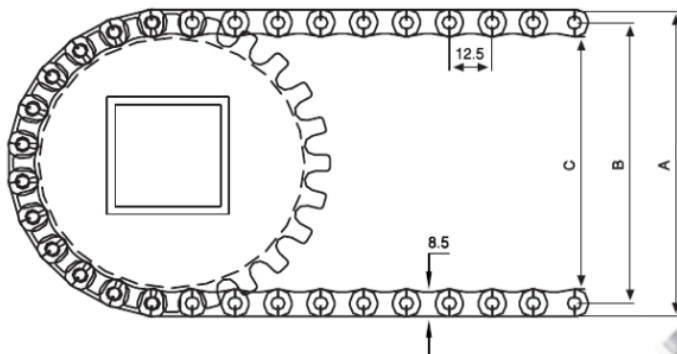
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	600	3.5
Polypropylene (PP)	800	3.5
Polyacetal (POM)	1450	4.8

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12

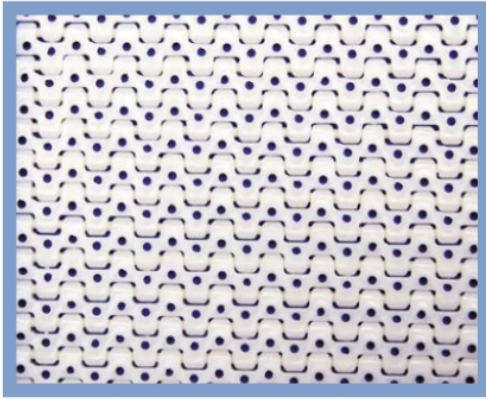


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12-406



- ➔ Belt surface: Open belt with a smooth surface.
- ➔ Open area: 8%. Biggest opening 4x2.5 mm
- ➔ Strength: Ideal choice for light transportation.
- ➔ Material: PE, PP, POM.
- ➔ Application: Cooling belt for small nose bar/transfer



HUB SPECIFICATION

	Number of teeth			
	10Z	19Z	24Z	28Z
Round bore (mm)	20ø	20ø	20ø	25ø
		25ø	25ø	30ø
		30ø	30ø	40ø
		40ø	40ø	40ø
Square bore (mm)			25x25	25x25
			40x40	40x40

bore available in inch size

BELT DATA

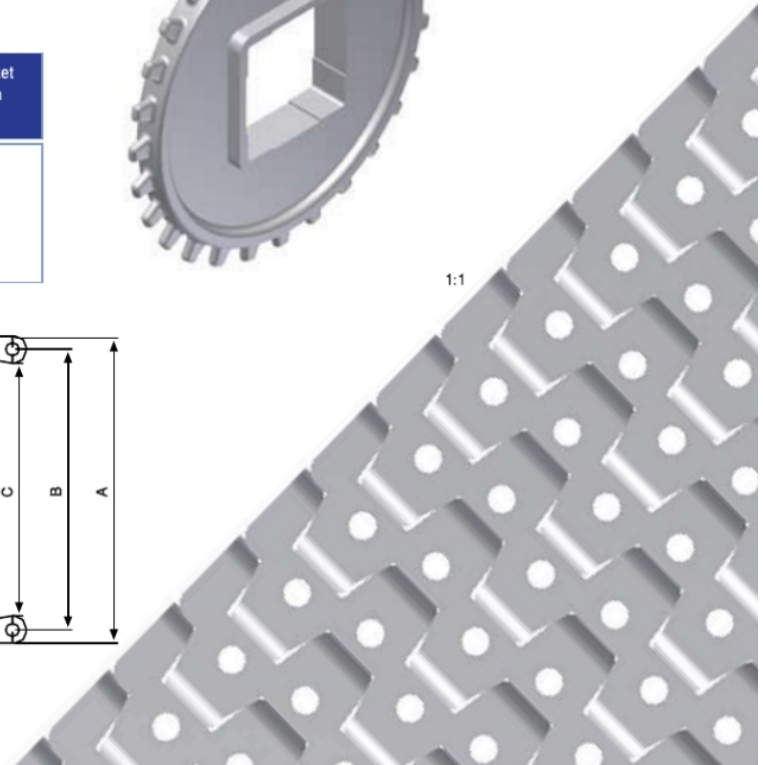
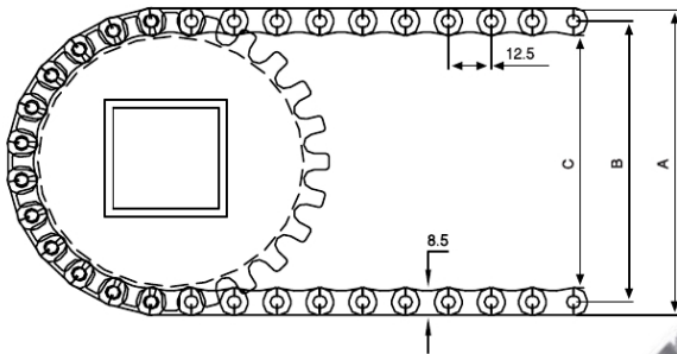
Materials	Max. belt pull kg/m of width	Belt weight kg/m
Polyethylene (PE)	600	4.5
Polypropylene (PP)	800	4.5
Polyacetal (POM)	1450	6

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12

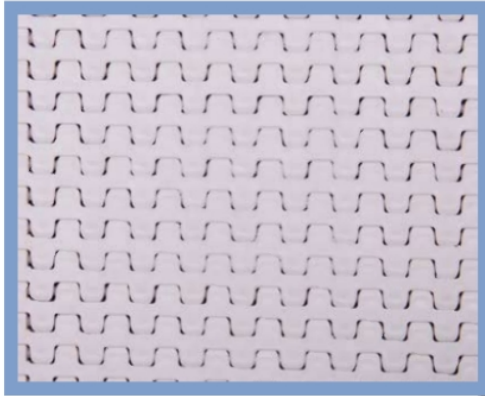


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12-408



- ➔ Belt surface: Close belt with a smooth surface.
- ➔ Open area: Closed
- ➔ Strength: Ideal choice for light transportation.
- ➔ Material: PE, PP, POM.
- ➔ Application: Cooling belt for small nose bar/transfer



HUB SPECIFICATION

	Number of teeth			
	10Z	19Z	24Z	28Z
Round bore (mm)	20ø	20ø 25ø 30ø 40ø	20ø 25ø 30ø 40ø	25ø 30ø 40ø
Square bore (mm)			25x25 40x40	25x25 40x40

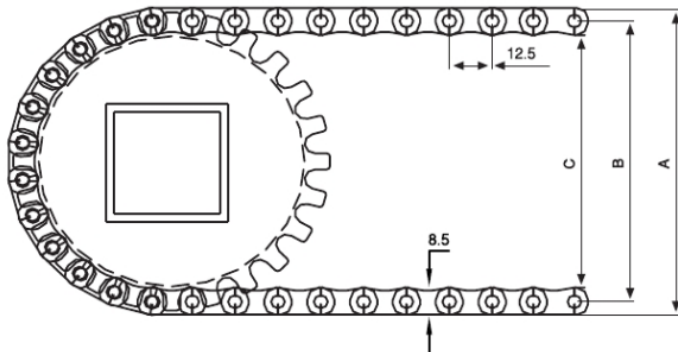
bore available in inch size

BELT DATA

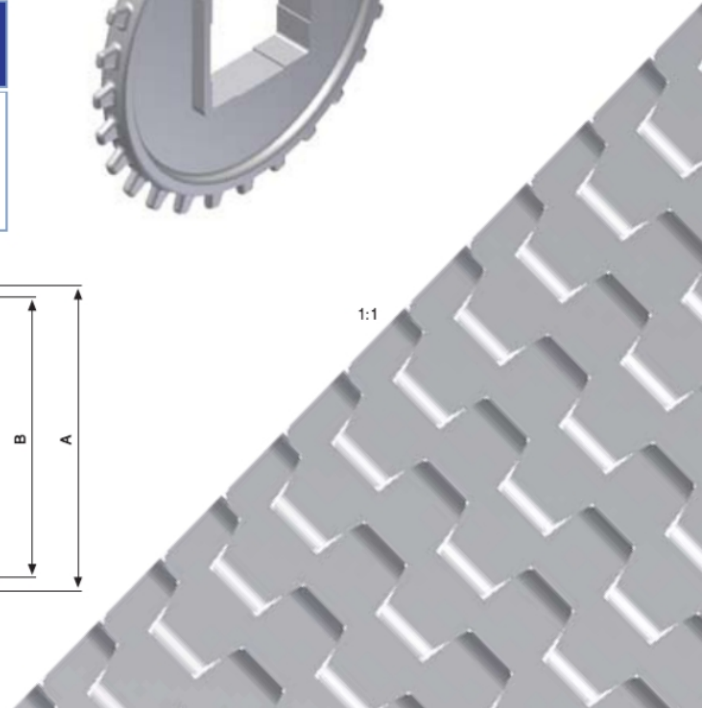
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	600	4.5
Polypropylene (PP)	800	4.5
Polyacetal (POM)	1450	6

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12



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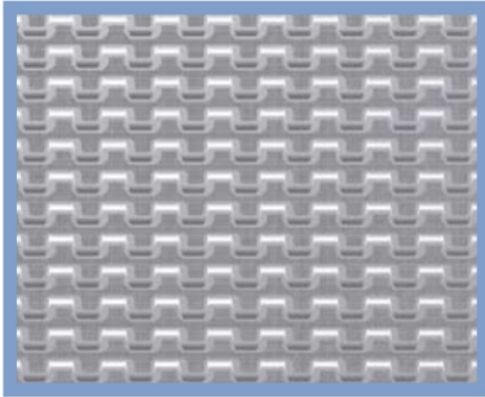




PLASTIC BELTS

TYPE 12

12-408F



- Belt surface: Flat top with friction surface
- Open area: Closed
- Strength: Ideal choice for light transportation.
- Material: PP. POLYMER
- Application: Transport of goods on a slightly inclined conveyor.



HUB SPECIFICATION

	Number of teeth			
	10Z	19Z	24Z	28Z
Round bore (mm)	20ø	20ø	20ø	
		25ø	25ø	25ø
		30ø	30ø	30ø
		40ø	40ø	40ø
Square bore (mm)			25x25	25x25
			40x40	40x40

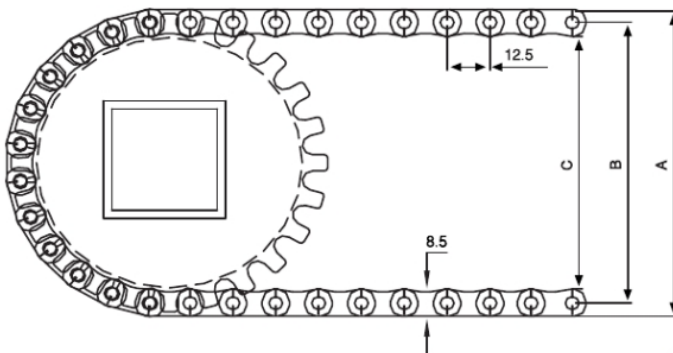
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	800	4.5

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12



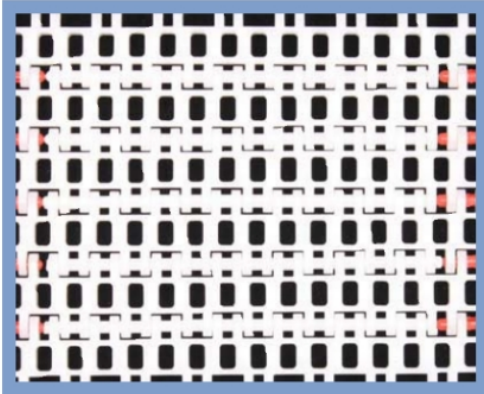
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TYPE 25

PLASTIC BELTS

25-400

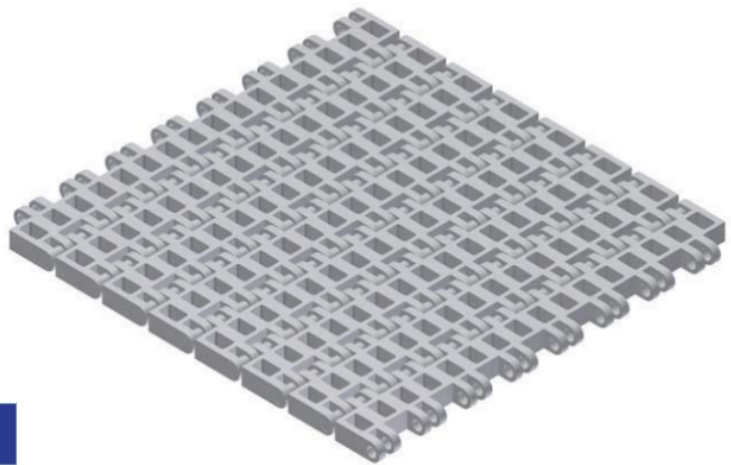


- Belt surface: Open belt with a smooth surface.
- Open area: 29%. Biggest opening 6 x 10 mm.
- Strength: Ideal for medium weight transportation.
- Material: PE, PP, POM.
- Accessories: 25 and 50 mm flights.
25 and 50 mm sideguards.
- Application: Seafood, red meat, vegetables, bakery and food industry in general.
Even cooling/freezing and washing.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	20ø 25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 38.1x38.1 40x40	38.1x38.1 40x40 60x60

bore available in inch size

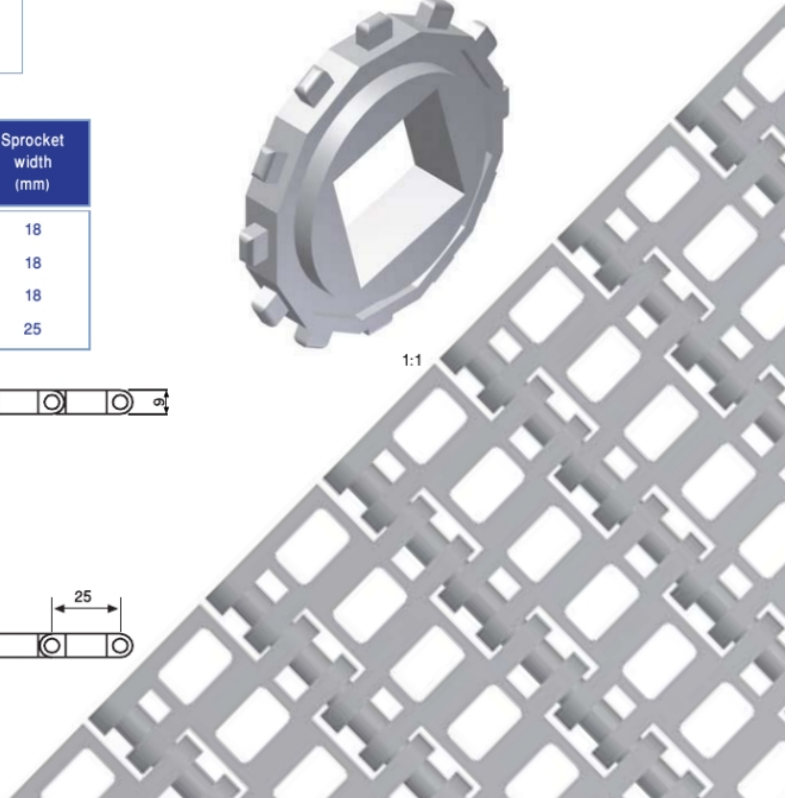
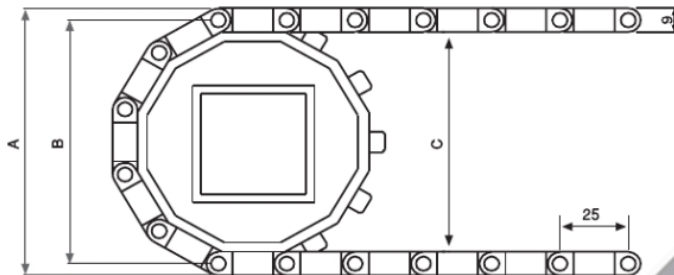


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	630	5
Polypropylene (PP)	1060	5
Polyacetal (POM)	1500	7

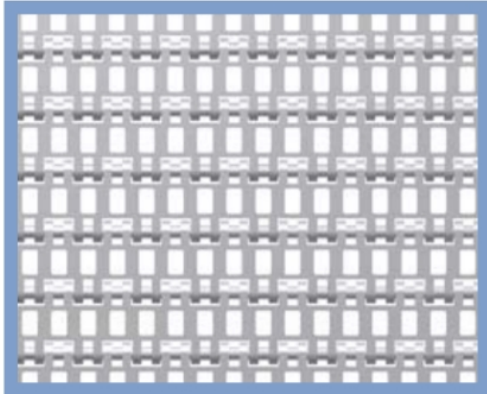
SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25



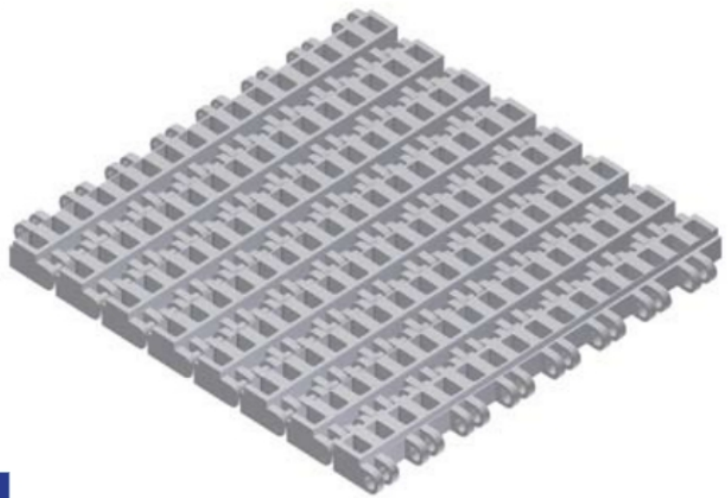


25-400F



- ➔ Belt surface: Friction surface.
- ➔ Open area: 29%. Biggest opening 6 x 10 mm.
- ➔ Strength: Ideal for medium weight transportation.
- ➔ Material: PP. POLYMER
- ➔ Accessories: 25 and 50 mm flights.
25 and 50 mm sideguards.
- ➔ Application: Transport of packed goods on a slightly inclined conveyor.

FRICION MODULES



HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	20ø 25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 40x40	25x25 40x40 60x60

bore available in inch size

BELT DATA

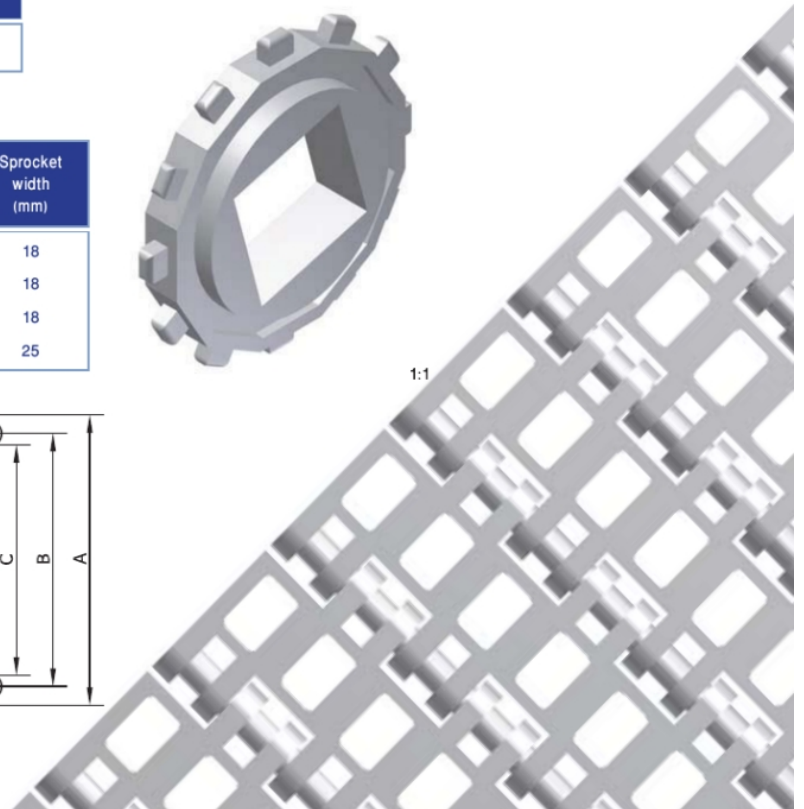
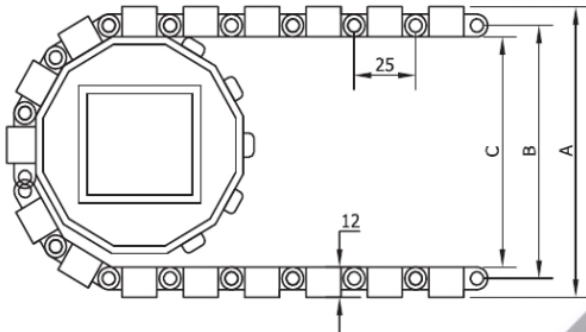
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	1500	7

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25



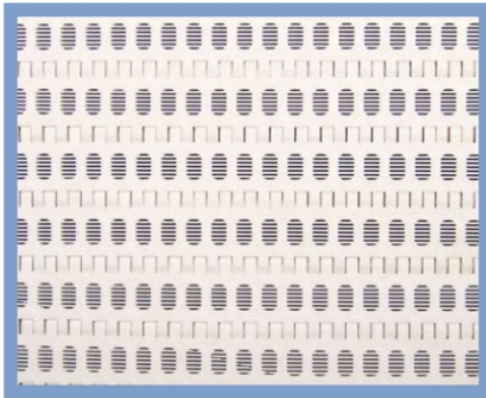
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TYPE 25 PLASTIC BELTS

25-406



- ➔ Belt surface: Perforated flat top.
- ➔ Open area: 13%. Biggest opening 1 x 6 mm.
- ➔ Strength: Ideal for medium weight transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25 and 50 mm flights. 25 and 50 mm side guards.
- ➔ Application: Dairy, vegetables, poultry, snacks, sweet goods and other industries that handle products requiring drainage and very small openings.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 38.1x38.1 40x40	38.1x38.1 40x40 60x60

bore available in inch size

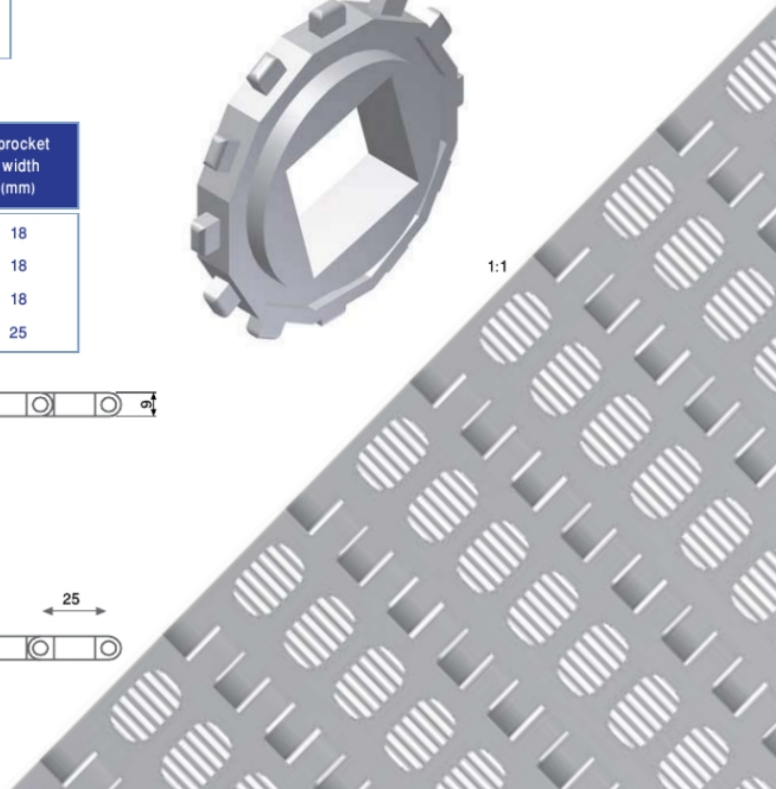
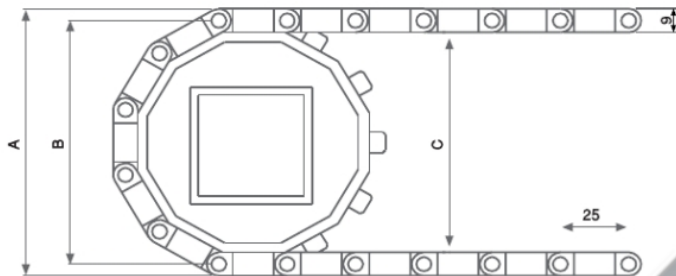


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	900	6
Polypropylene (PP)	1250	6
Polyacetal (POM)	2400	8

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25

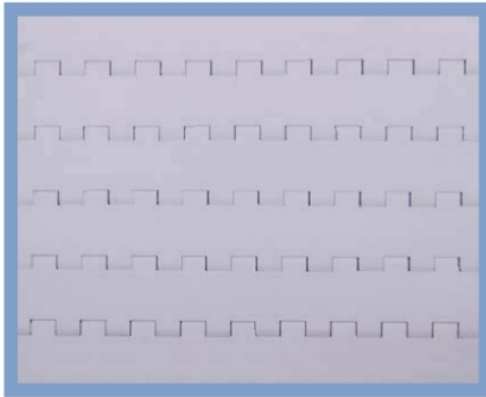




PLASTIC BELTS

TYPE 25

25-408



- ➔ Belt surface: Flat top.
- ➔ Open area: Closed.
- ➔ Strength: Strongest belt in the 25 series.
Ideal for medium weight transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25 and 50 mm flights.
25 and 50 mm side guards.
- ➔ Application: Transport of small products.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 38.1x38.1 40x40	38.1x38.1 40x40 60x60

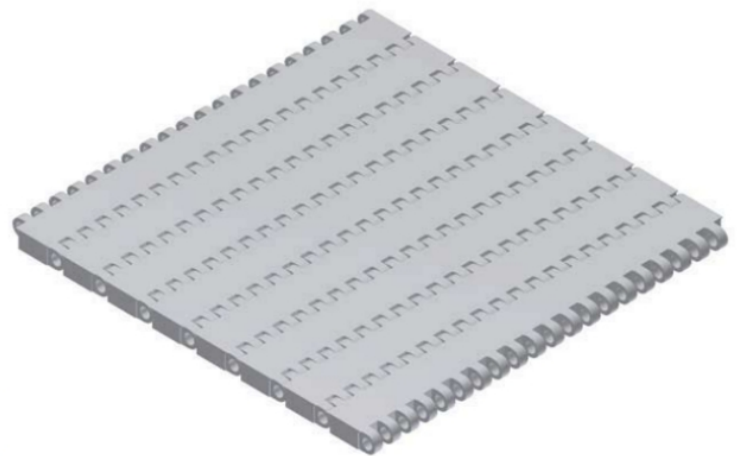
bore available in inch size

BELT DATA

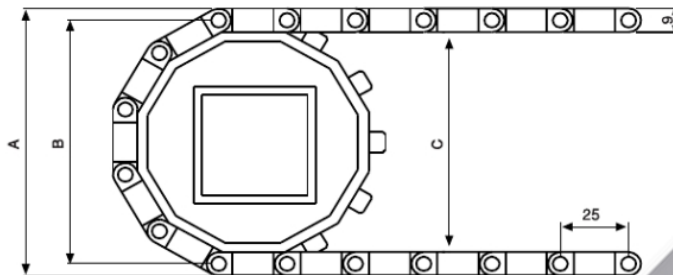
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	900	6
Polypropylene (PP)	1250	6
Polyacetal (POM)	2400	8.5

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25



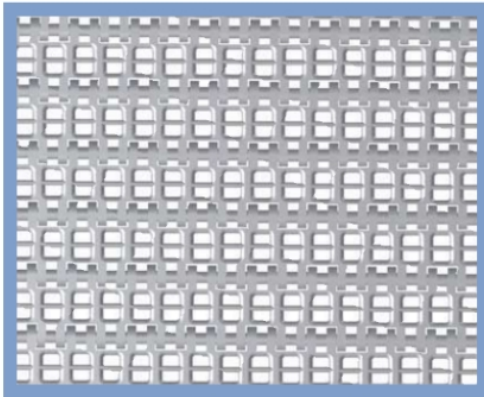
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TYPE 25 PLASTIC BELTS

25-411



- ➔ Belt surface: Open Mesh.
- ➔ Open area: 26%. Biggest opening 3 x 6mm.
- ➔ Strength: Strongest belt in the 25 series.
Ideal for medium weight transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25 and 50 mm flights.
25 and 50 mm side guards.
- ➔ Application: Transport of small products.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 38.1x38.1 40x40	38.1x38.1 40x40 60x60

bore available in inch size



BELT DATA

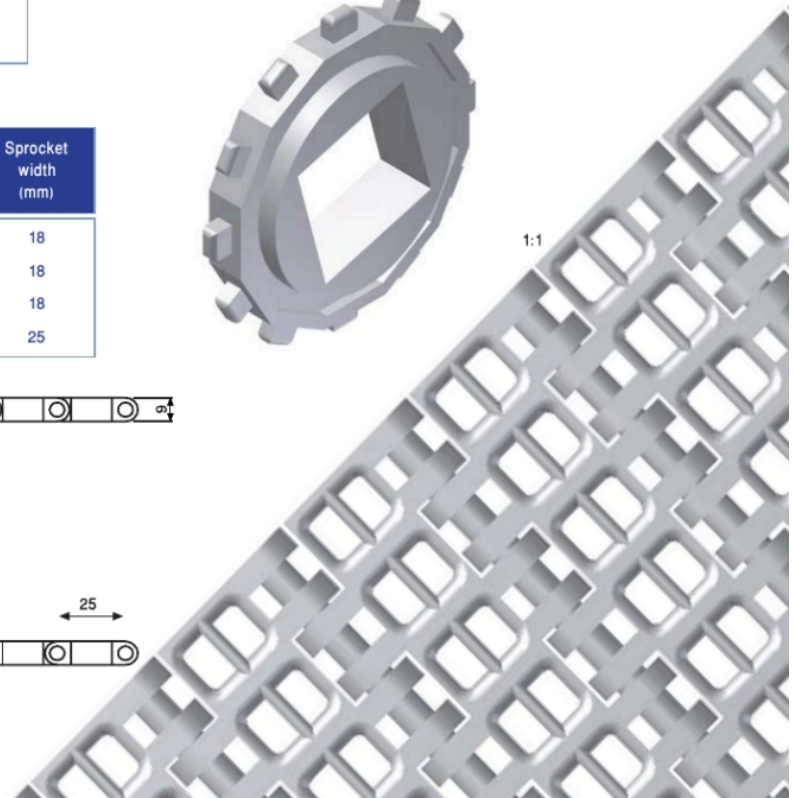
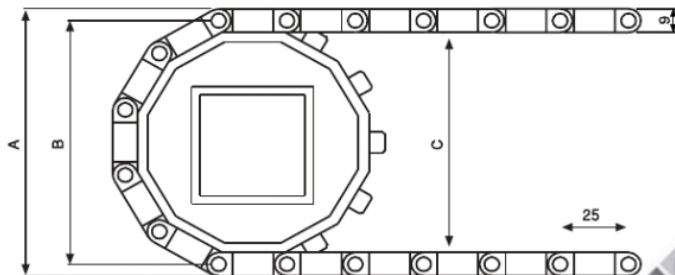
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	630	6
Polypropylene (PP)	1060	6
Polyacetal (POM)	1620	8.5

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25

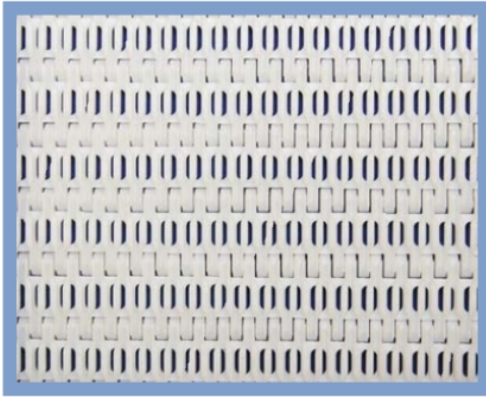


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25-420



- ➔ Belt surface: Raised ribs - drained - for the use of finger transferplates.
- ➔ Open area: 14%. Biggest opening 10 x 2 mm.
- ➔ Strength: Ideal for medium weight transportation.
- ➔ Material: POM, PP.
- ➔ Accessories: Finger transfer plates.
- ➔ Application: Transportation of small products, such as bottles, pasteurizer, cooler.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø	25ø 30ø 40ø	25ø 30ø 40ø
Hexagon bore (mm)	24x24x24			
Square bore (mm)		25x25	25x25 38.1x38.1 40x40	38.1x38.1 40x40 60x60

bore available in inch size



BELT DATA

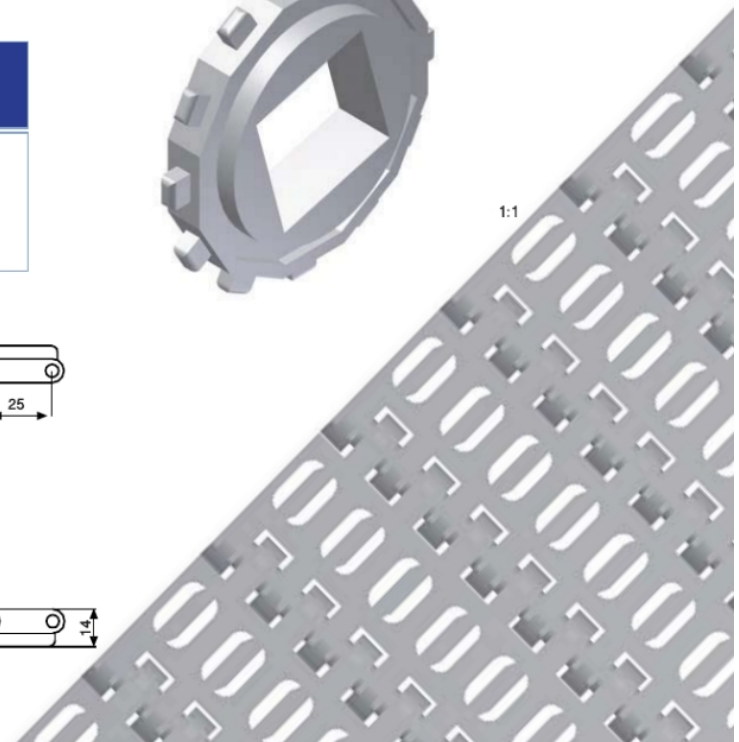
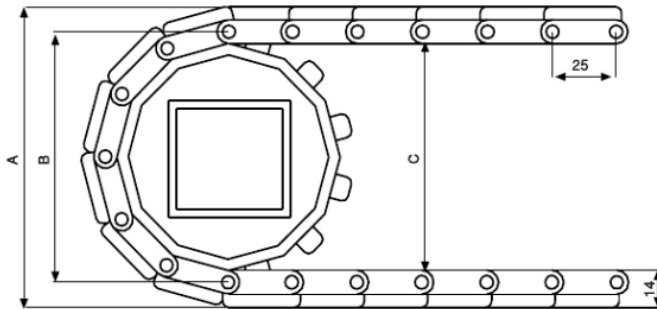
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	1200	8
Polyacetal (POM)	2400	11

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	64	45	36	18
8	80	61	52	18
12	114	95	86	18
20	179	160	151	25



1:1

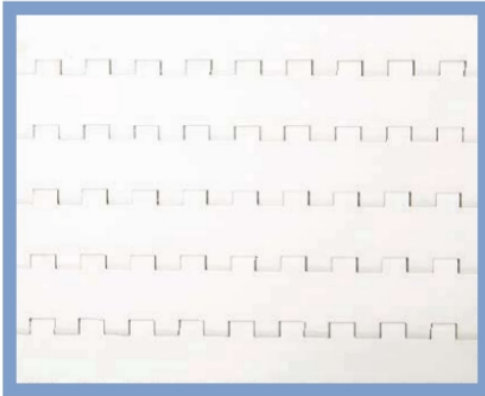


TYPE 25

PLASTIC BELTS



25-800

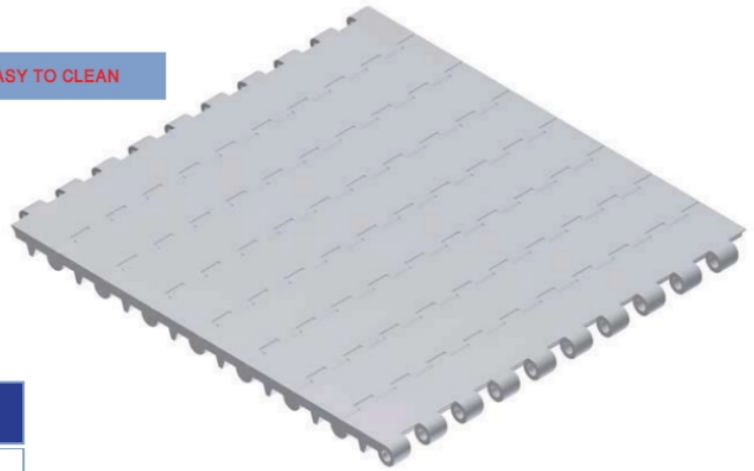


- ➔ Belt surface: Flat top.
- ➔ Open area: Closed.
- ➔ Strength: An ideal choice for light transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25 and 50 mm flights. 25 and 50 mm side guards. Friction modules.
- ➔ Application: Red meat, vegetables, seafood, fruit, snacks and bakeries.

HUB SPECIFICATION

	Number of teeth		
	6Z	12Z	20Z
Round bore (mm)	20ø	20ø 25ø 30ø 40ø	25ø 30ø 40ø
Square bore (mm)		40x40	40x40 60x60

EASY TO CLEAN



bore available in inch size

BELT DATA

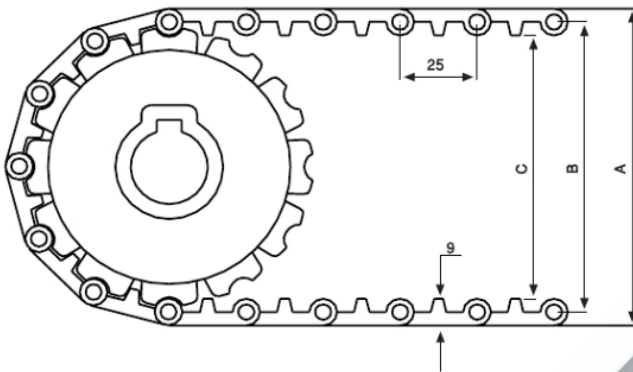
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	550	5
Polypropylene (PP)	650	5
Polyacetal (POM)	1050	7.5

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38

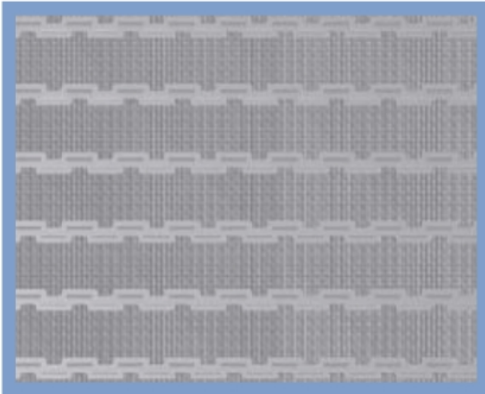


1:1





25-800F



- Belt surface: Closed belt with a 3mm friction surface.
- Open area: Closed.
- Strength: An ideal choice for light transportation.
- Material: PP. POLYMER
- Application: Transport of goods on a slightly inclined conveyor.

HUB SPECIFICATION

	Number of teeth		
	6Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
		25ø	30ø
		30ø	30ø
		40ø	40ø
Square bore (mm)		40x40	40x40
			60x60

bore available in inch size

BELT DATA

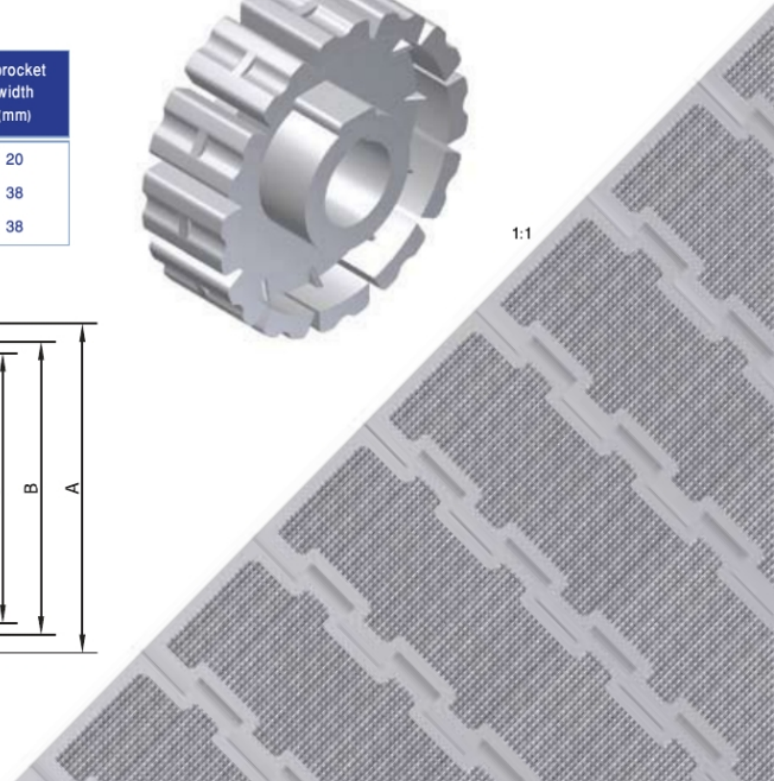
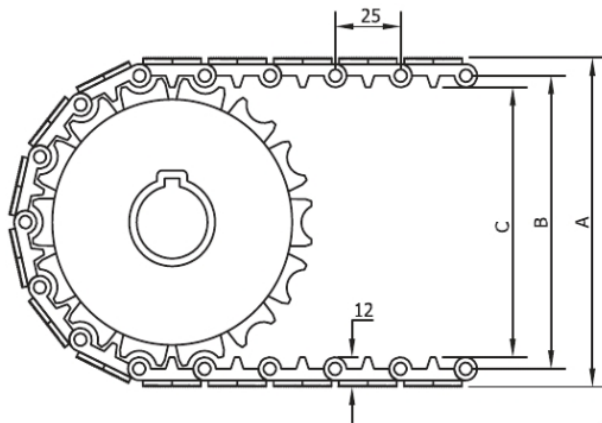
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	650	5

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38

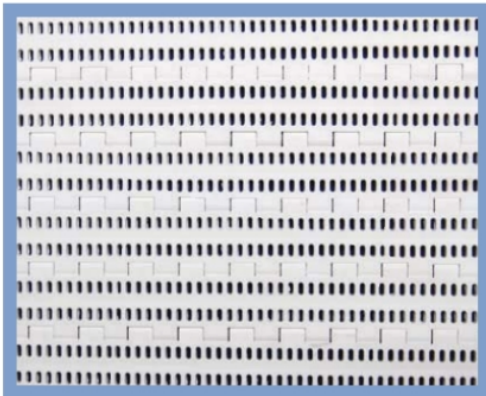


1:1





25-806



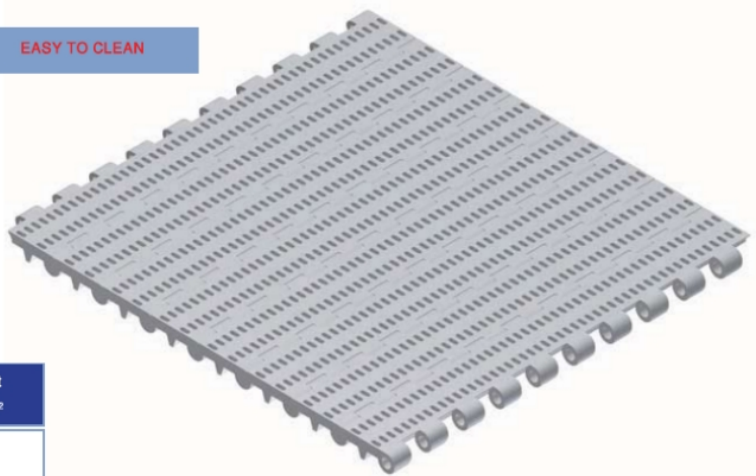
- Belt surface: Perforated flat top.
- Open area: 17%. Biggest opening 2 x 5 mm.
- Strength: An ideal choice for light transportation.
- Material: PE, PP, POM.
- Accessories: 25 and 50 mm flights.
25 and 50 mm side guards.
- Application: Seafood, dairy, vegetables, poultry, snacks, sweet goods...

HUB SPECIFICATION

	Number of teeth		
	6Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
		25ø	30ø
		30ø	40ø
		40ø	40ø
Square bore (mm)		40x40	40x40
			60x60

bore available in inch size

EASY TO CLEAN



BELT DATA

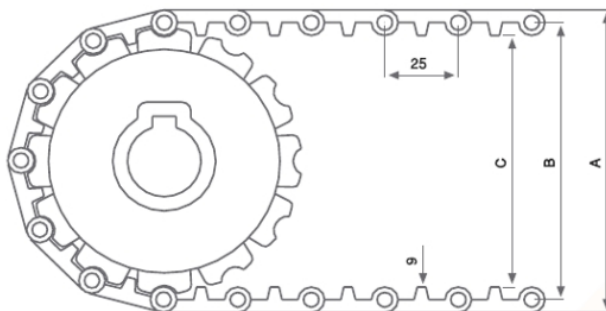
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	550	5.5
Polypropylene (PP)	650	5.5
Polyacetal (POM)	1050	8

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38



1:1





PLASTIC BELTS

TYPE 25

25-830



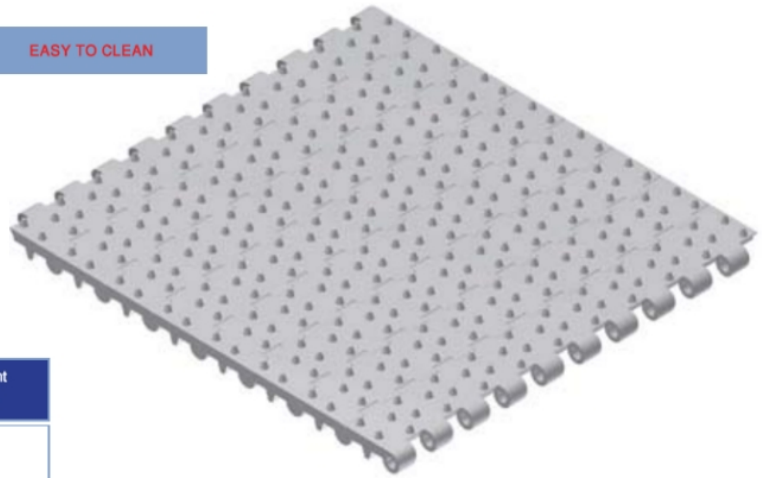
- ➔ Belt surface: Structure top with 3 mm cones.
- ➔ Open area: Closed.
- ➔ Strength: An ideal choice for light transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25 and 50 mm flights.
25 and 50 mm side guards.
- ➔ Application: Seafood, red meat, vegetables etc.

HUB SPECIFICATION

	Number of teeth		
	6Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
		25ø	30ø
		30ø	40ø
		40ø	40ø
Square bore (mm)		40x40	40x40
			60x60

bore available in inch size

EASY TO CLEAN



BELT DATA

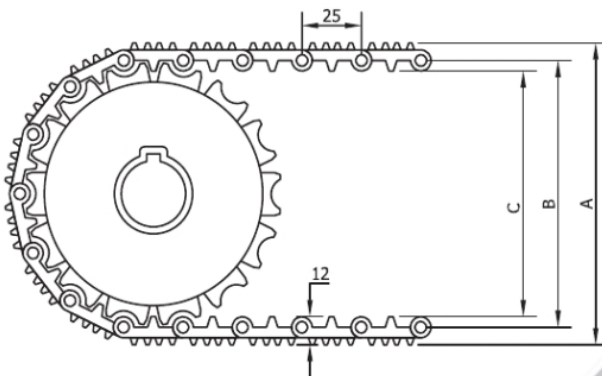
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	550	5.5
Polypropylene (PP)	650	5.5
Polyacetal (POM)	1050	8

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38



1:1

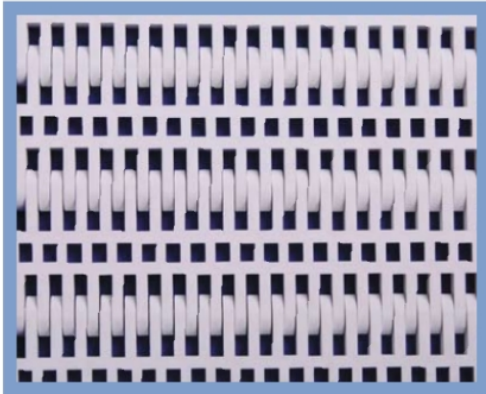




TYPE 50

PLASTIC BELTS

50-100



- ➔ Belt surface: Open belt with a smooth surface.
- ➔ Open area: 27%. Biggest opening 5 x 9 mm.
- ➔ Strength: The right belt for heavy applications.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25, 50, 75 and 100 mm flights. Extended and bent flights. 50, 75 and 100 mm side guards. Hold-down.
- ➔ Application: Seafood, wood, bakery, meat, vegetables, poultry and heavy duty transportation in general.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø		
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	
	40x40	40x40	40x40	40x40
				60x60

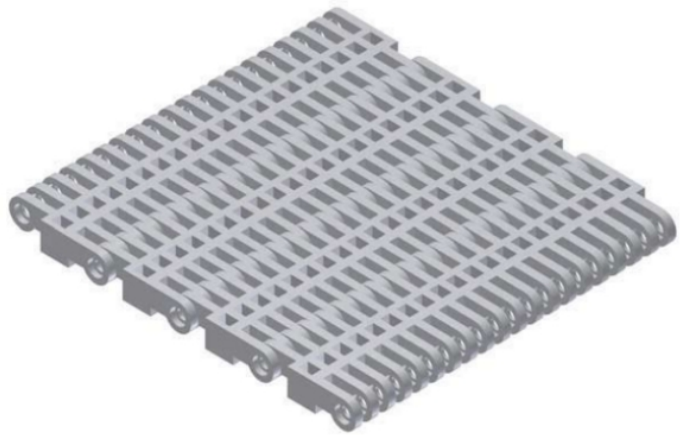
bore available in inch size

BELT DATA

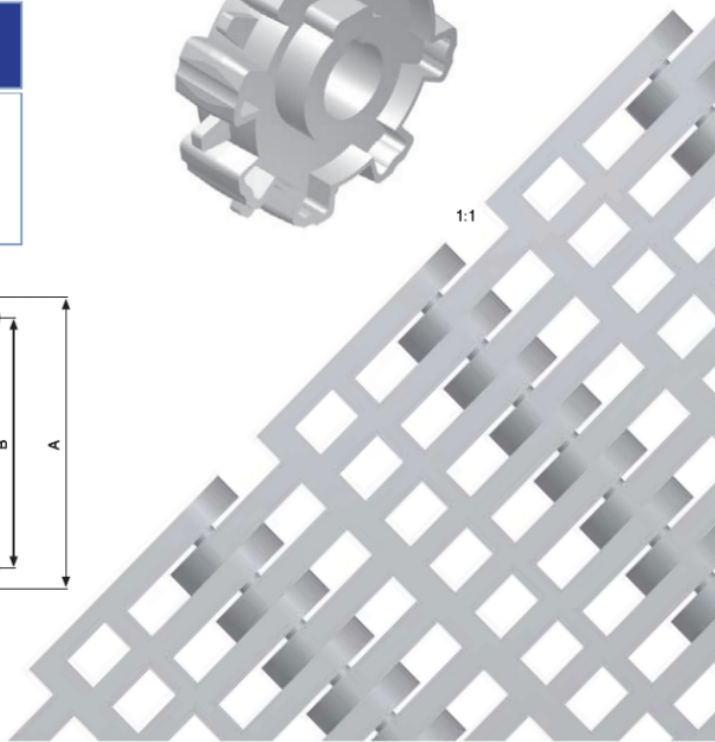
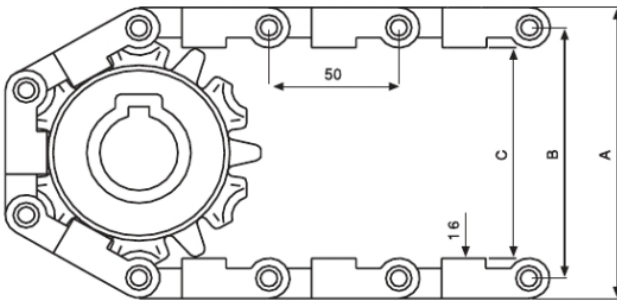
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1840	8
Polypropylene (PP)	2795	8
Polyacetal (POM)	4200	12

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39

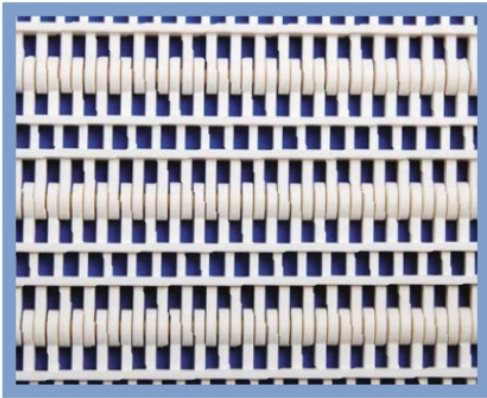


1:1





50-300



- ➔ **Belt surface:** Open belt with a smooth surface.
- ➔ **Open area:** 27%. Biggest opening 5 x 9 mm.
- ➔ **Strength:** The right belt for heavy applications.
- ➔ **Material:** PE, PP, POM.
- ➔ **Accessories:** 25, 50, 75 and 100 mm flights.
Extended and bent flights.
50, 75 and 100 mm side guards.
- ➔ **Application:** Seafood, wood, bakery, meat, vegetables, poultry and heavy duty transportation in general.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø 50ø
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40	40x40 60x60

bore available in inch size

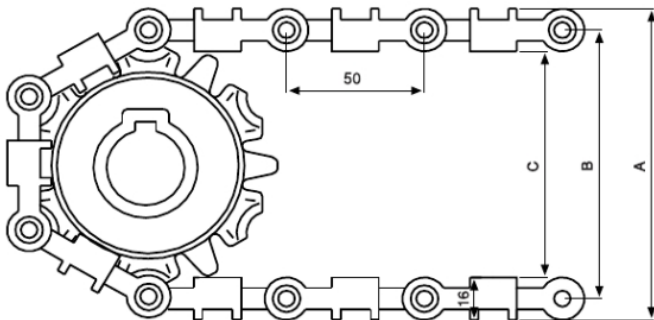


BELT DATA

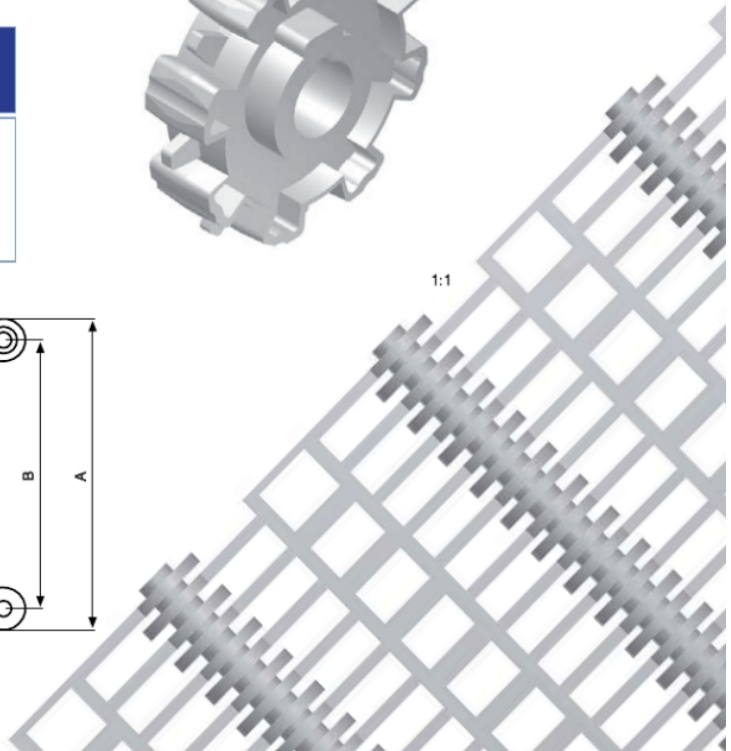
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1740	7
Polypropylene (PP)	2300	7
Polyacetal (POM)	3450	10

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



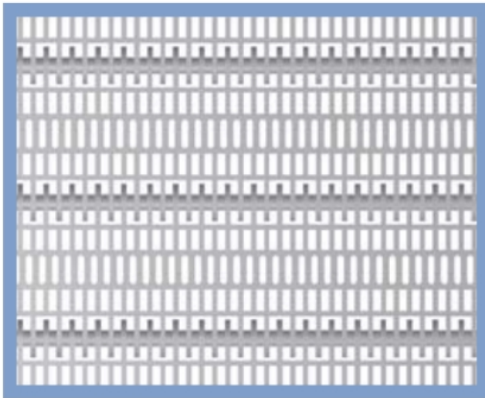
1:1





TYPE 50 PLASTIC BELTS

50-400



- ➔ Belt surface: Open belt with a smooth surface.
- ➔ Open area: 61%. Biggest opening 5 x 11 mm.
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material/colour: PE, PP, POM.
- ➔ Accessories: 25, 50 and 75 mm flights.
50, 75 and 100 mm side guards.
- ➔ Application: Cooling/freezing belts in the seafood, bakery, vegetable and meat industries and other areas where large air-flow combined with a small open area is required.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	40ø	40ø
	40ø	40ø	40ø	50ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	
	40x40	40x40	40x40	40x40
			60x60	60x60

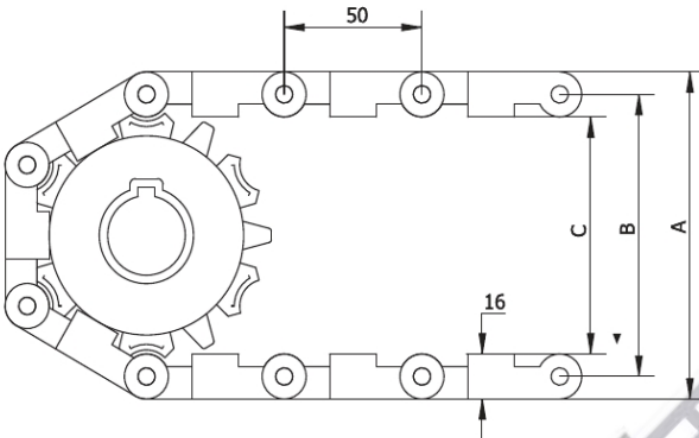
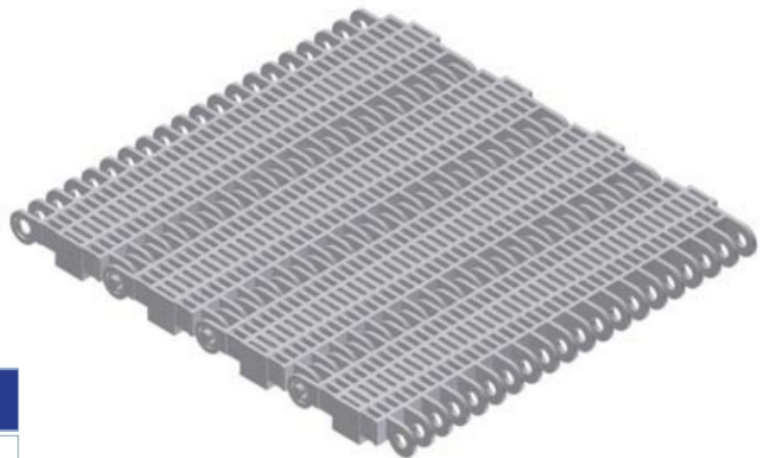
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1640	6
Polypropylene (PP)	2160	6
Polyacetal (POM)	3240	8

SPROCKET DATA

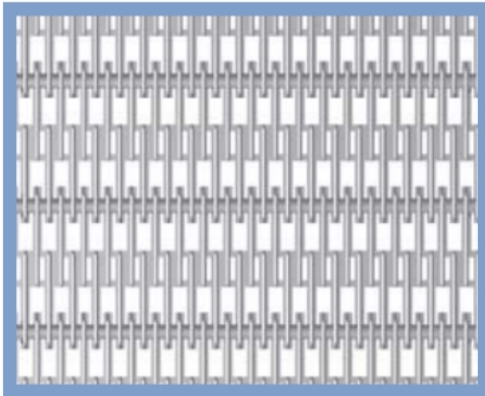
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



1:1



50-500



- ➔ Belt surface: Raised Ribs.
- ➔ Open area: 25%.
- ➔ Strength: The right belt for heavy transportation.
- ➔ Material/colour: PP, POM.
- ➔ Accessories: 50 finger plates.
- ➔ Application: Cooling/freezing belts in the seafood, bakery, vegetable and meat industries, pasteurizers.

HUB SPECIFICATION

	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	40ø	40ø
	40ø	40ø	40ø	50ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	38.1x38.1
	40x40	40x40	40x40	40x40
			60x60	60x60

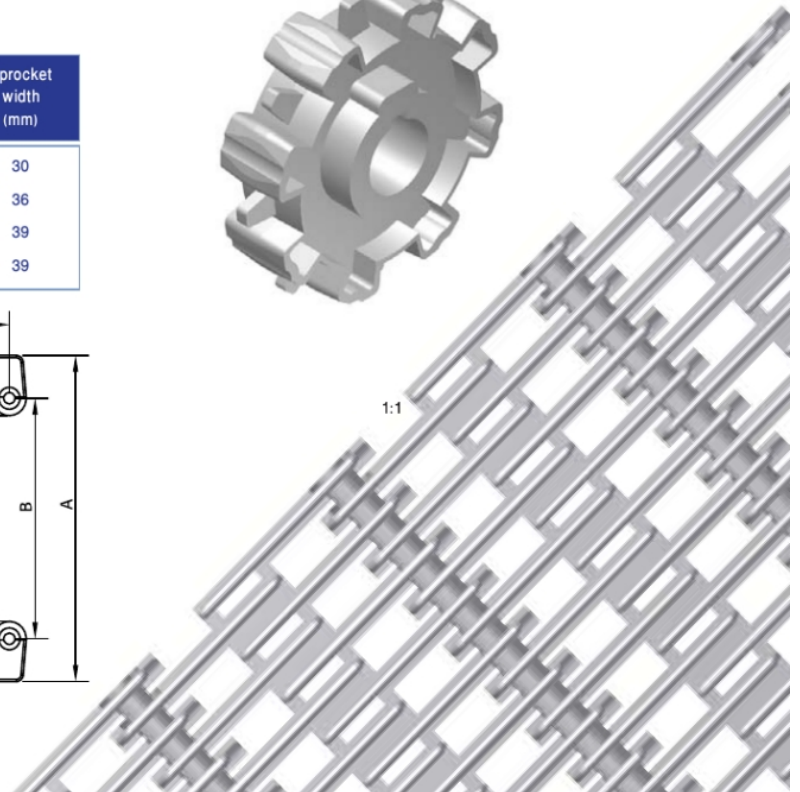
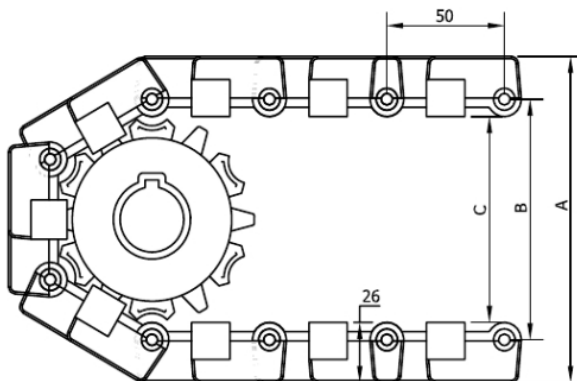
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	2800	8
Polyacetal (POM)	4200	11

SPROCKET DATA

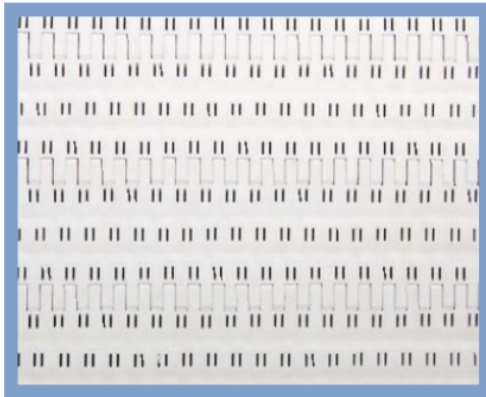
No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39





TYPE 50 PLASTIC BELTS

50-600



- ➔ Belt surface: Open mesh.
- ➔ Open area: 9%. Biggest opening 1 x 6 mm
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material/colour: PE, PP, POM.
- ➔ Accessories: 25, 50 and 75 mm flights.
50, 75 and 100 mm side guards.
- ➔ Application: Dairy, vegetables, poultry, snacks, sweet goods and other industries that handle products requiring drainage and very small openings.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	40ø	40ø
	40ø	40ø	40ø	50ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	
	40x40	40x40	40x40 60x60	40x40 60x60

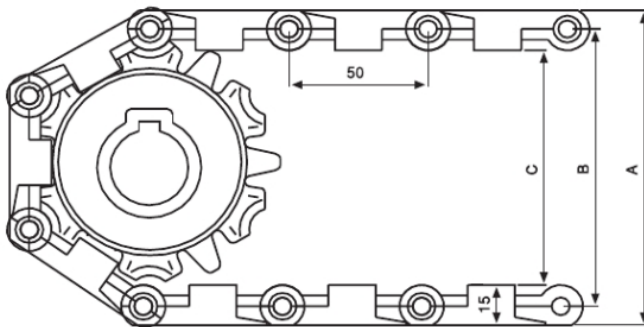
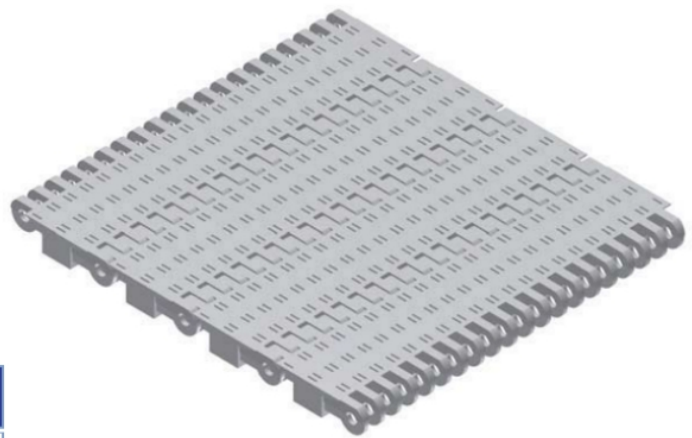
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

SPROCKET DATA

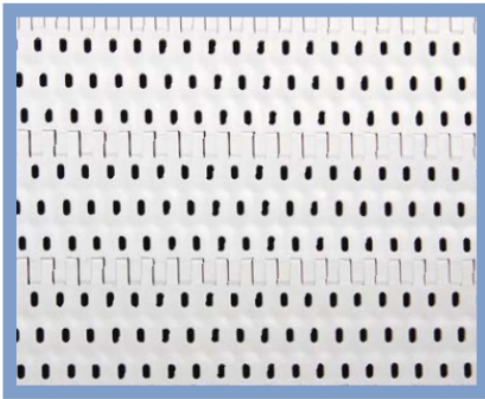
No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



1:1



50-606



- ➔ Belt surface: Perforated flat top.
- ➔ Open area: 10%. Biggest opening 3 x 6 mm
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25, 50 and 75 mm flights. Hold-down. 50, 75 and 100 mm side guards.
- ➔ Application: Dairy, vegetables, poultry, snacks, sweet goods and other industries that handle products requiring drainage and small openings.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	40ø	40ø
	40ø	40ø	60ø	50ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	
	40x40	40x40	40x40	40x40 60x60 60x60

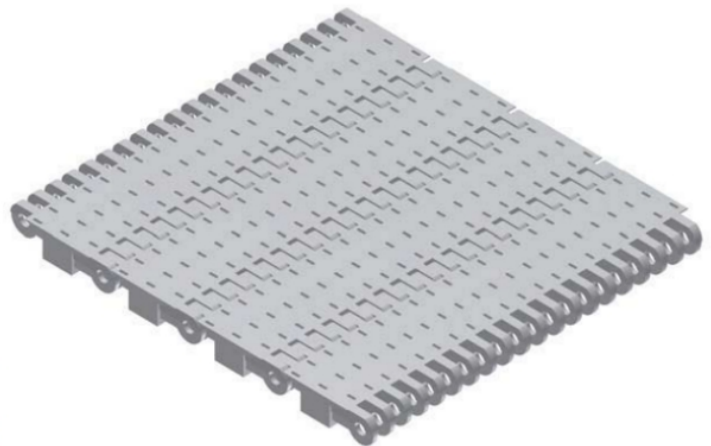
bore available in inch size

BELT DATA

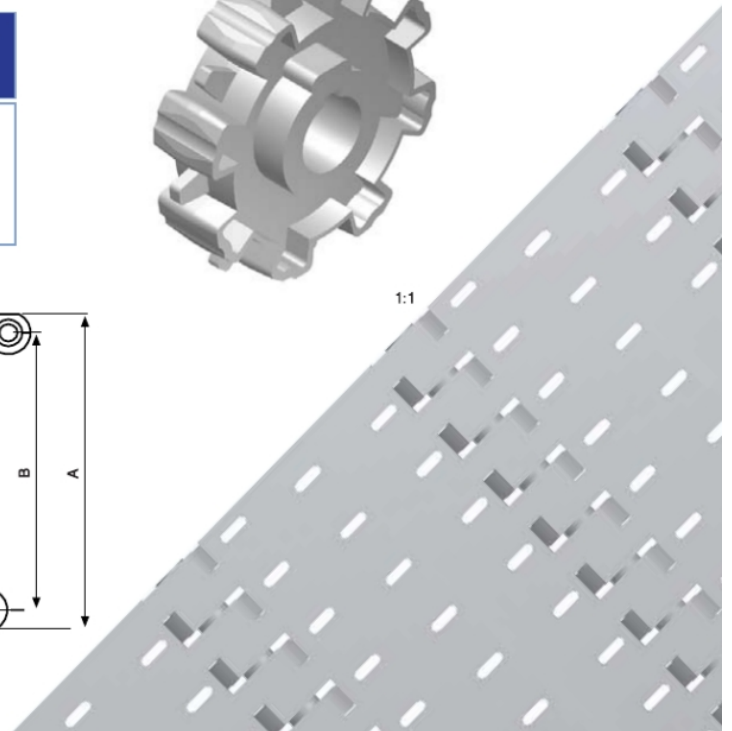
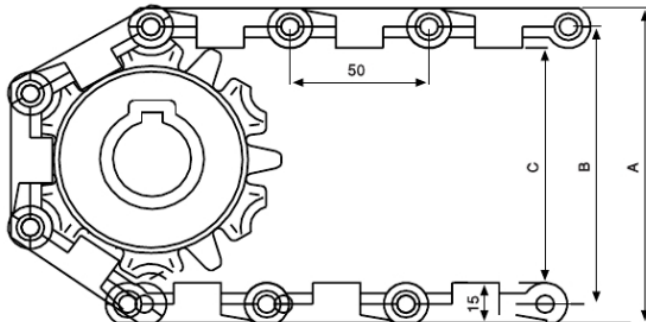
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



1:1

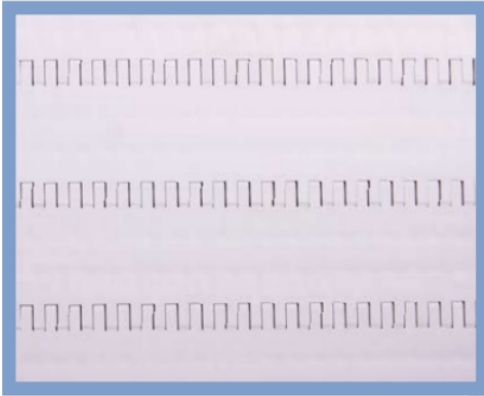




TYPE 50

PLASTIC BELTS

50-608



- ➔ Belt surface: Flat top.
- ➔ Open area: Closed.
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25, 50, 75 and 100 mm high flights.
50, 75 and 100 mm side guards.
- ➔ Application: Dairy, vegetables, poultry, snack food, sweet goods and other industries that handle small products.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	30ø	40ø
	40ø	40ø	40ø	50ø
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60

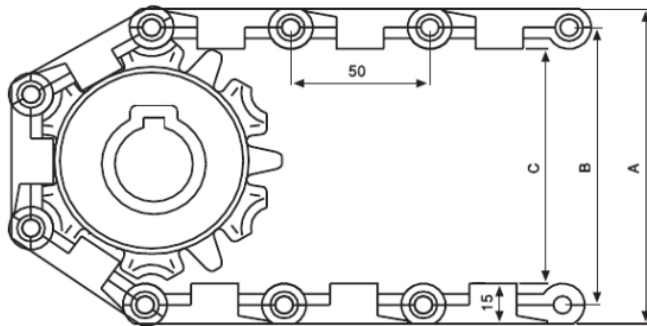
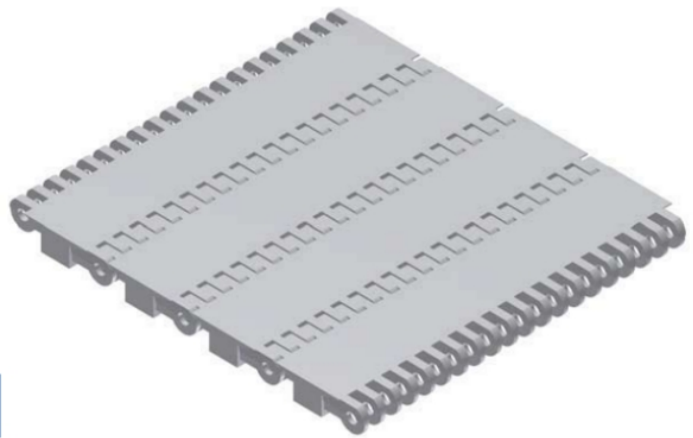
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

SPROCKET DATA

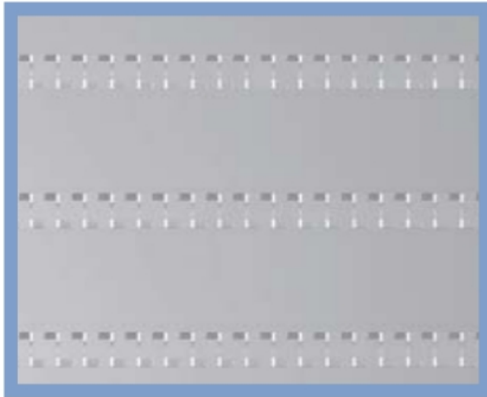
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



1:1



50-608F



- ➔ Belt surface: Flat top.
- ➔ Open area: Closed.
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material: PP. POLYMER
- ➔ Accessories: 25, 50, 75 and 100 mm high flights.
50, 75 and 100 mm side guards.
- ➔ Application: Inclined conveyer.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø	25ø	30ø	30ø
	30ø	30ø	30ø	40ø
	40ø	40ø	40ø	50ø
Square bore (mm)	38.1x38.1	38.1x38.1	38.1x38.1	
	40x40	40x40	40x40	40x40
			60x60	60x60

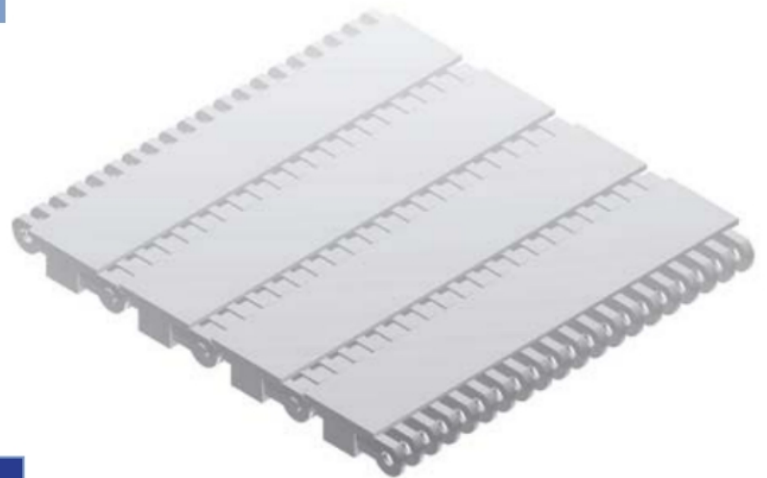
bore available in inch size

BELT DATA

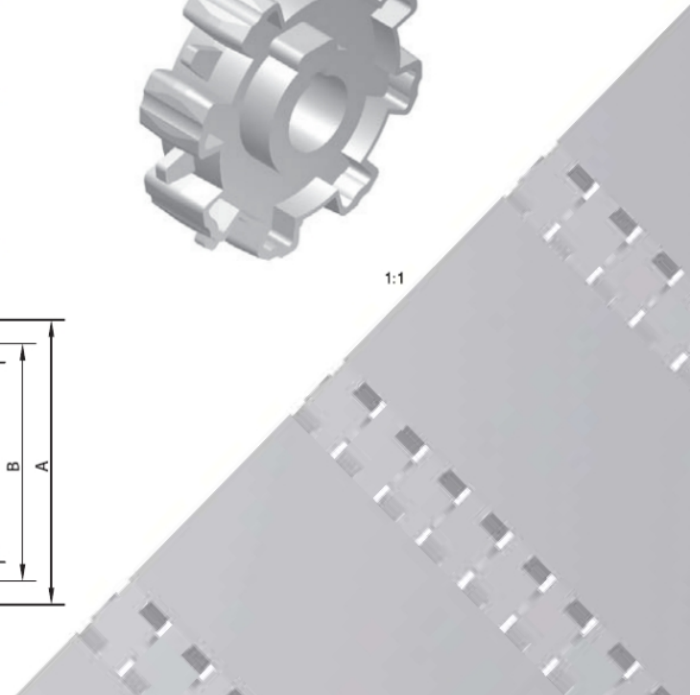
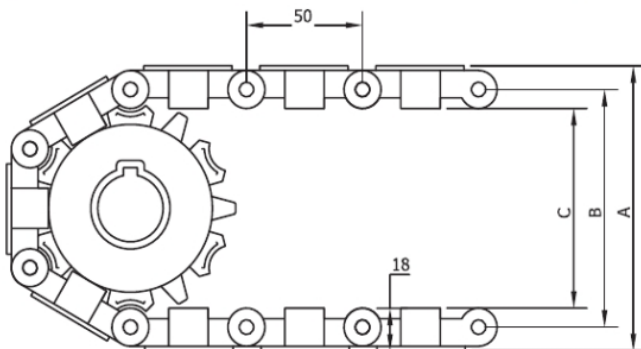
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	2400	7

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



1:1

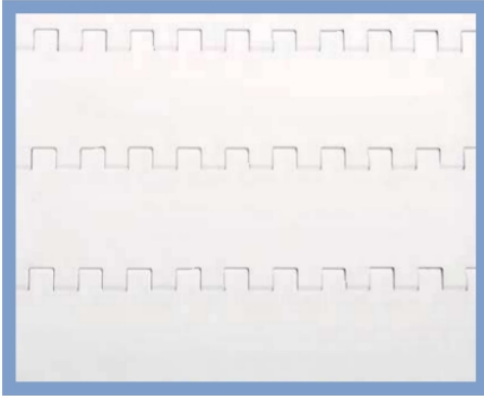


TYPE 50

PLASTIC BELTS



50-800



- ➔ Belt surface: Flat top.
- ➔ Open area: Closed.
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25, 50, 75 and 100 mm high flights.
50, 75 and 100 mm side guards.
- ➔ Application: Dairy, vegetables, poultry, snack food, sweet goods and other industries that handle small products.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø			
	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
				50ø 60ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40 60x60	40x40 60x60

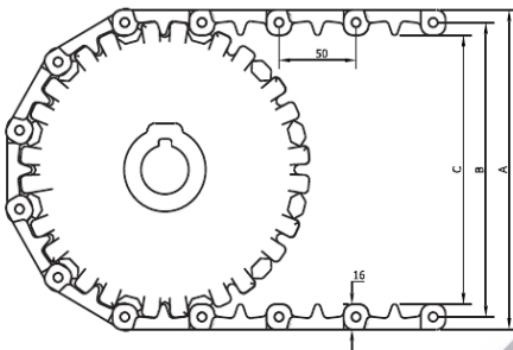
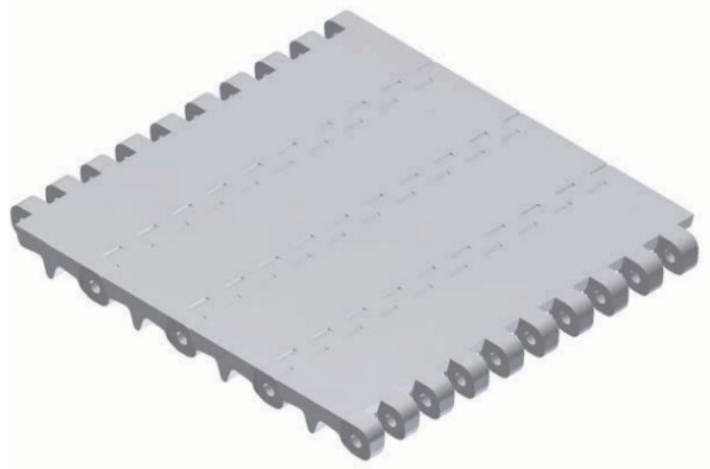
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

SPROCKET DATA

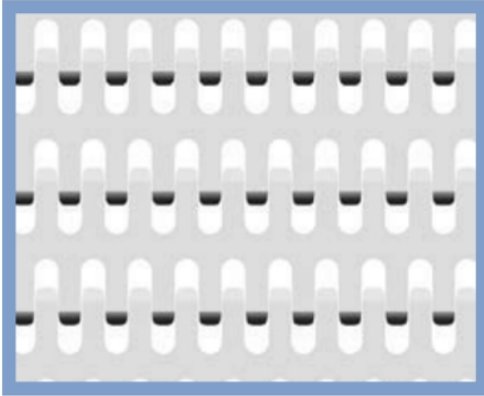
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35





TYPE 50 PLASTIC BELTS

50-801



- Belt surface: Open belt
- Open area: 24%. Biggest opening 10x12 mm
- Strength: Medium-heavy transportation.
- Material: PE, PP, POM.
- Cleanability: Excellent. FSIS.
- Accessories: 25, 50, 75 and 100 mm flights.
75 and 150 mm supported flights.
50, 75, 100 mm side guards.
- Application: Medium-heavy duty transportation, Red meat, poultry, seafood and transportation of raw materials (for further processing).

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø			
	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40	40x40
			60x60	60x60
				60x60

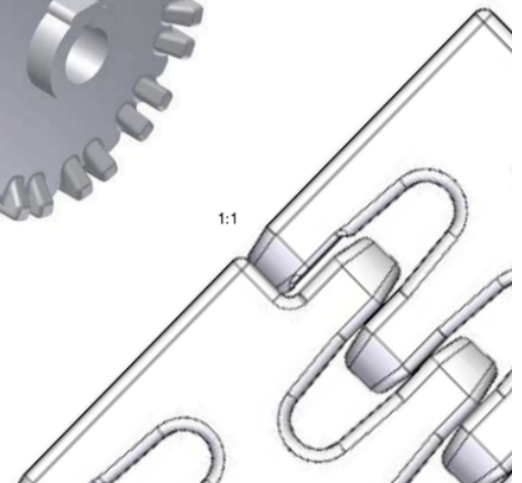
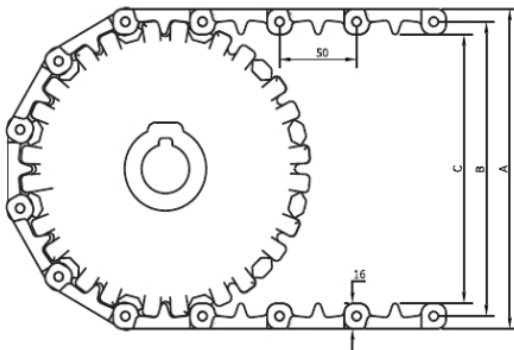
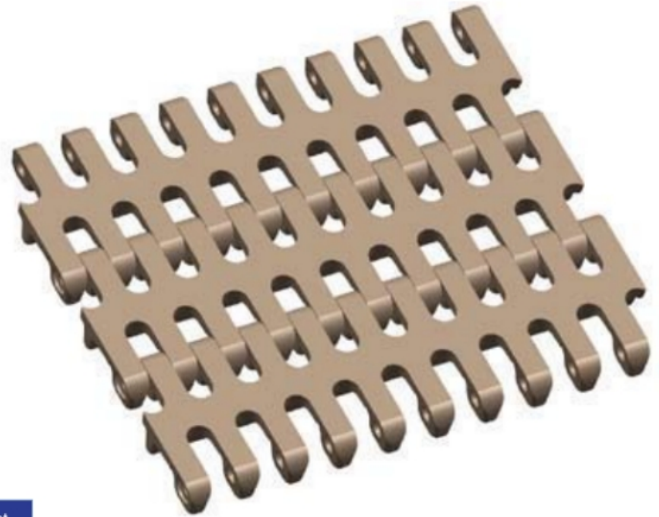
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

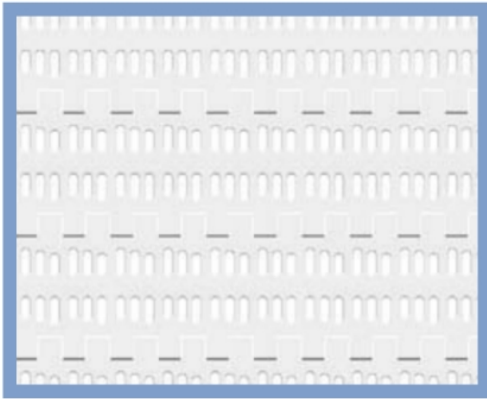
SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	102	89	73	20
8	136	122	106	35
10	171	156	140	35
12	203	189	173	35





50-805



- Belt surface: Open belt with a smooth surface.
- Open area: 26%. Biggest opening 3.8x11 mm.
- Strength: Medium-heavy transportation.
- Material: PE, PP, POM.
- Accessories: 25, 50, 75 and 100 mm flights.
50, 75 and 100 mm side guards.
- Application: Medium-heavy duty transportation, Dairy, Vegetables, poultry, snacks, sweet goods and other industries that handle products requiring drainage and small opening.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø	25ø	25ø	25ø
	25ø	30ø	30ø	30ø
	30ø	40ø	40ø	40ø
	40ø			50ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40	40x40
			60x60	60x60

bore available in inch size



BELT DATA

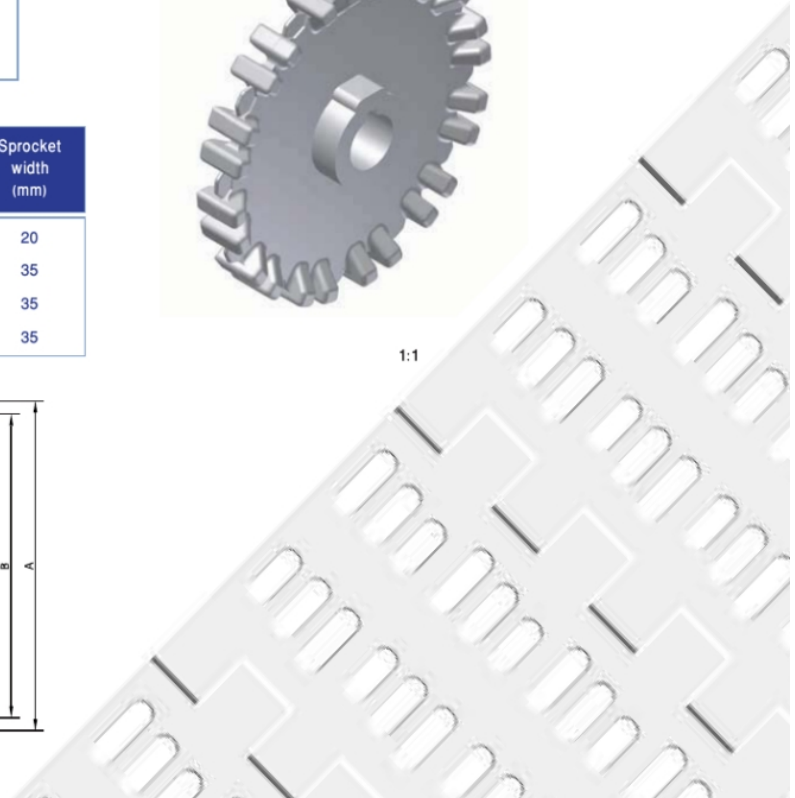
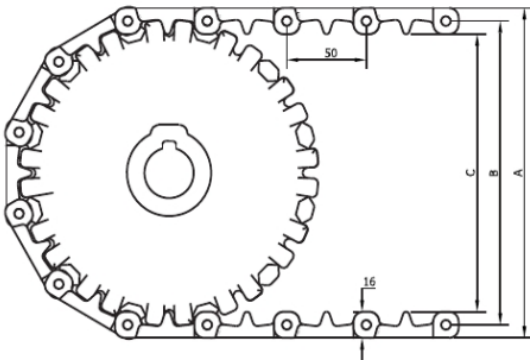
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35

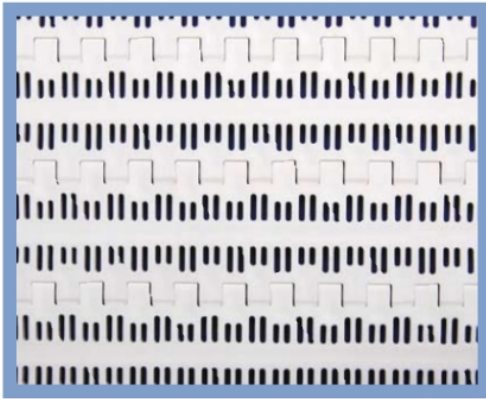


1:1





50-806



- Belt surface: Open belt with a smooth surface.
- Open area: 20%. Biggest opening 2.5*11 mm.
- Strength: The right belt for medium-heavy transportation.
- Material: PE, PP, POM.
- Accessories: 25, 50, 75 and 100 mm flights.
70 and 150 mm supported flights.
50, 75 and 100 mm side guards.
- Application: Medium-heavy duty transportation, Dairy, Vegetables, poultry, snacks, sweet goods and other industries that handle products requiring drainage and small opening.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø	25ø	25ø	25ø
	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40	40x40
			60x60	60x60
				60x60

bore available in inch size



BELT DATA

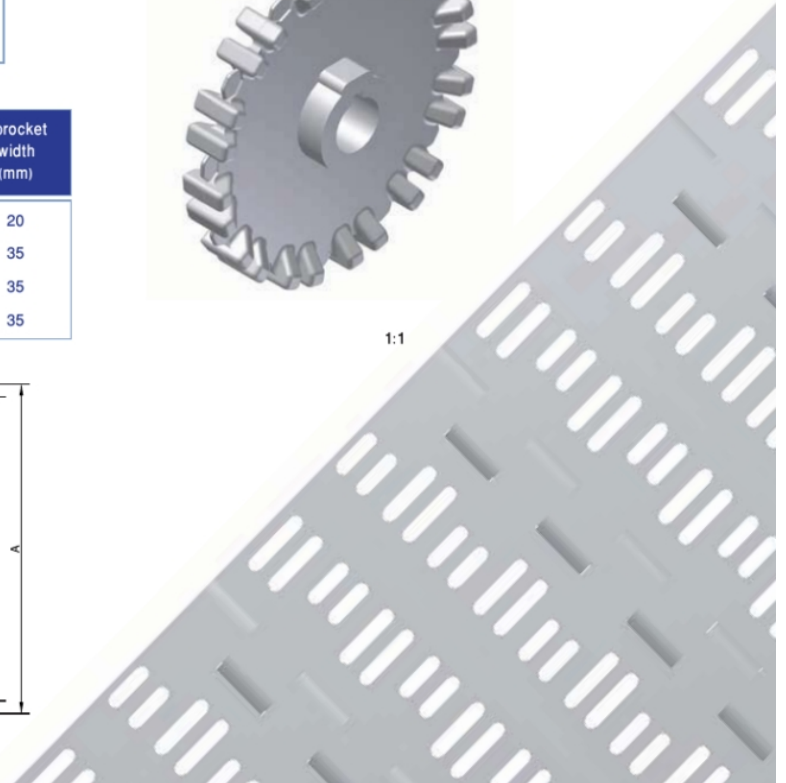
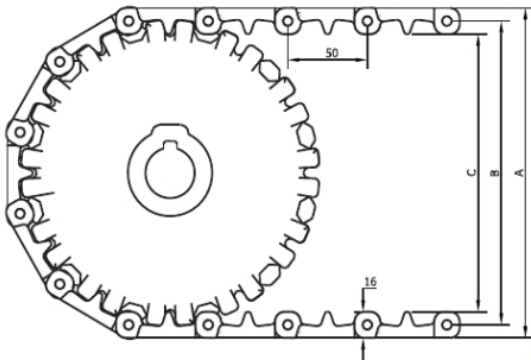
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35



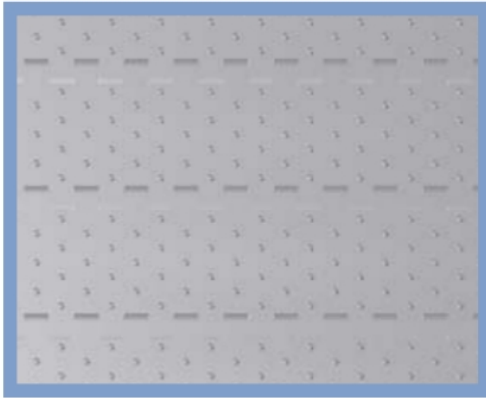
1:1





TYPE 50 PLASTIC BELTS

50-830

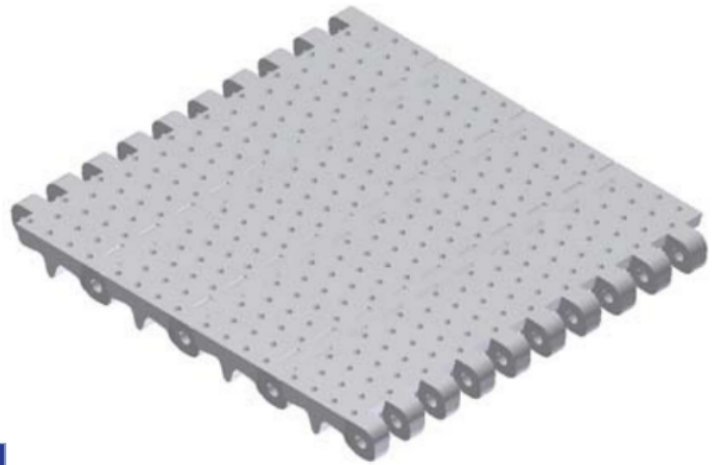


- Belt surface: Structure top with 3 mm cones.
- Open area: Closed.
- Strength: The right belt for medium-heavy transportation.
- Material: PE, PP, POM.
- Accessories: 25, 50, 75 and 100 mm flights.
50, 75 and 100 mm side guards. Hold-down.
- Application: Seafood, red meat, vegetable etc.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø			
	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40	40x40
			60x60	60x60
				60x60

bore available in inch size



BELT DATA

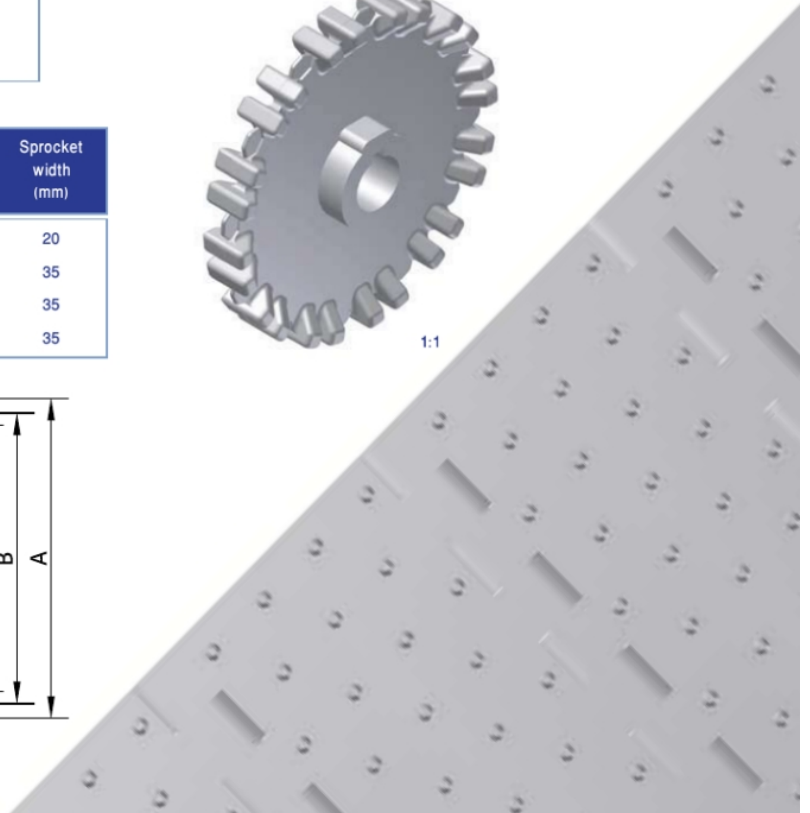
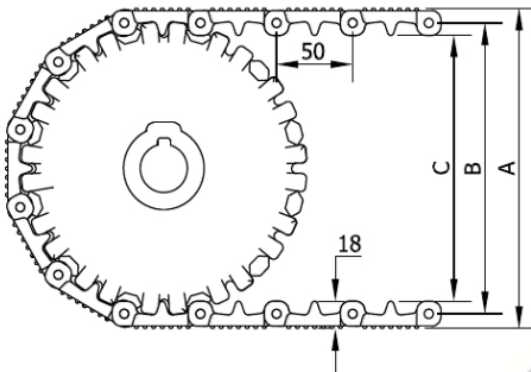
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35

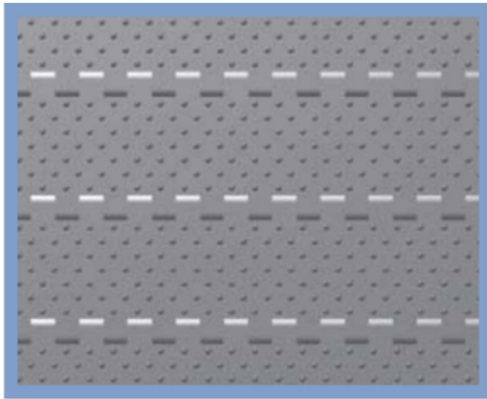


1:1





50-838



- ➔ Belt surface: Structure top with 3 mm cones.
- ➔ Open area: Closed.
- ➔ Strength: The right belt for medium-heavy transportation.
- ➔ Material: PE, PP, POM.
- ➔ Accessories: 25, 50, 75 and 100 mm flights.
50, 75 and 100 mm side guards. Hold-down.
- ➔ Application: Seafood, red meat, vegetable etc.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø			
	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
Square bore (mm)	25x25	25x25	25x25	25x25
	40x40	40x40	40x40	40x40
			60x60	60x60

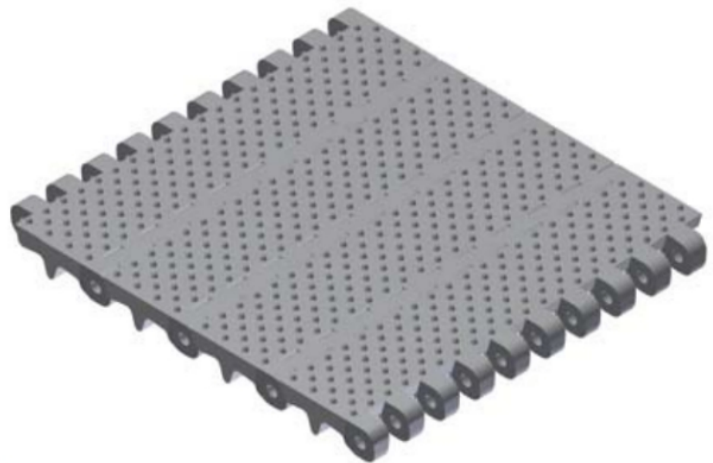
bore available in inch size

BELT DATA

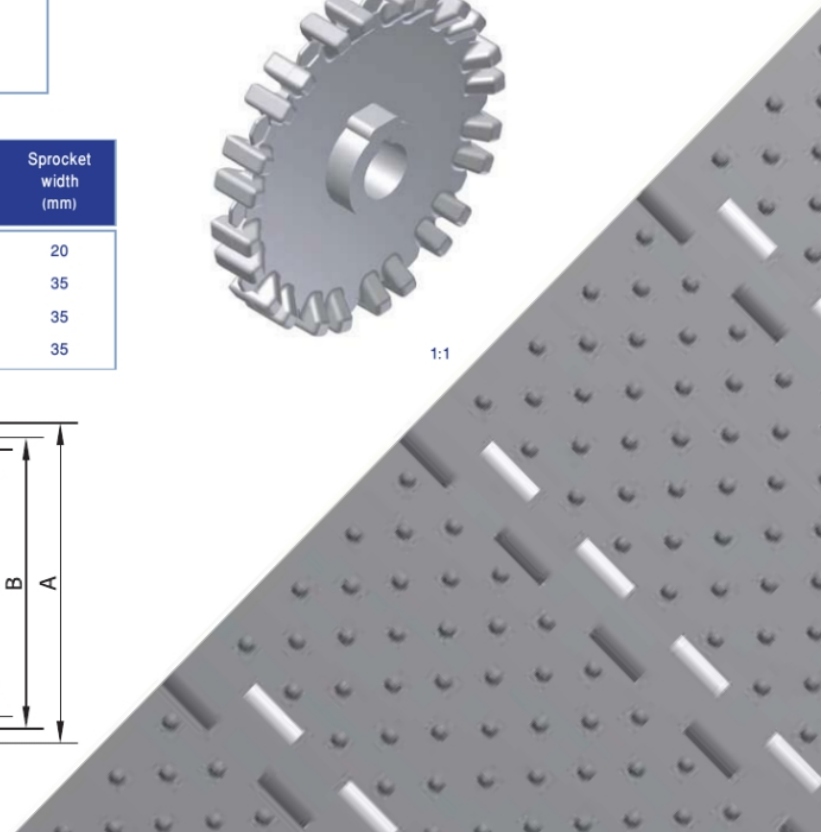
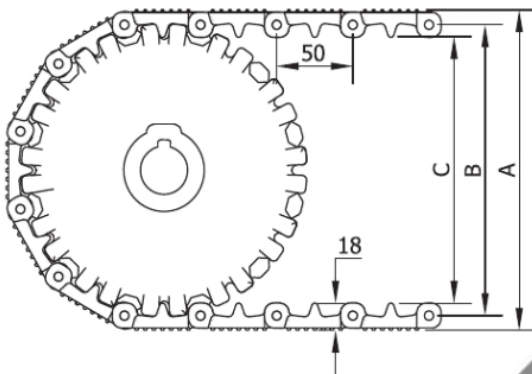
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35



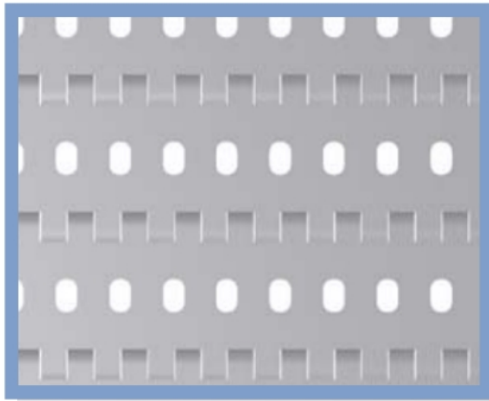
1:1





TYPE 50 PLASTIC BELTS

50-906



- ➔ Belt surface: Perforated flat top.
- ➔ Open area: 13 %. Biggest opening 7 x 11 mm.
- ➔ Strength: The right belt for very heavy applications.
- ➔ Material: PP, POM.
- ➔ Application: Very heavy transportation. Assembling belt for cars. Truck loading systems.

HUB SPECIFICATION

	Number of teeth 12Z
Square bore (mm)	40x40 60x60

bore available in inch size



BELT DATA

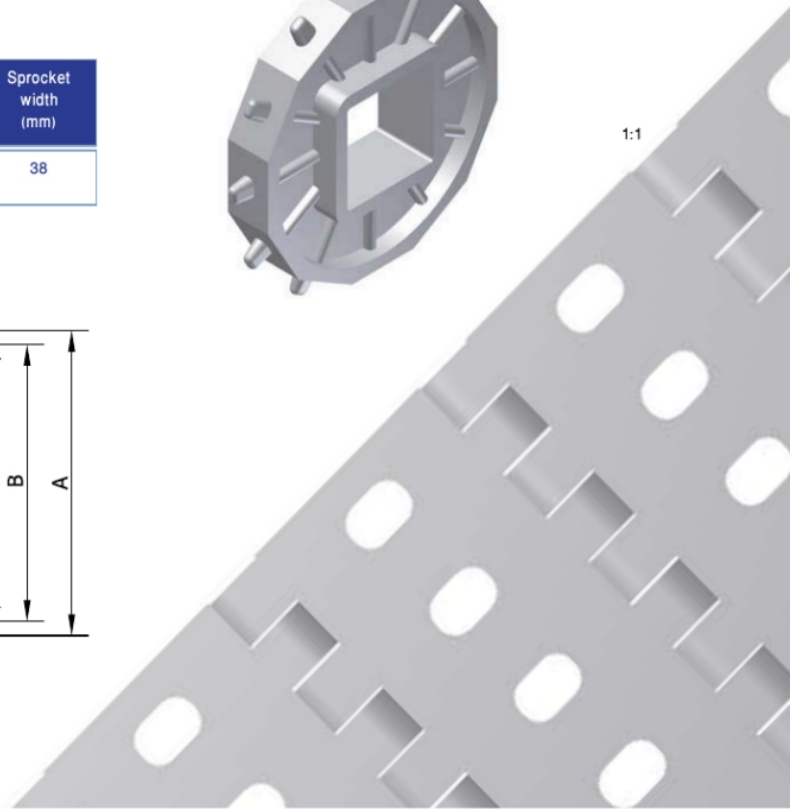
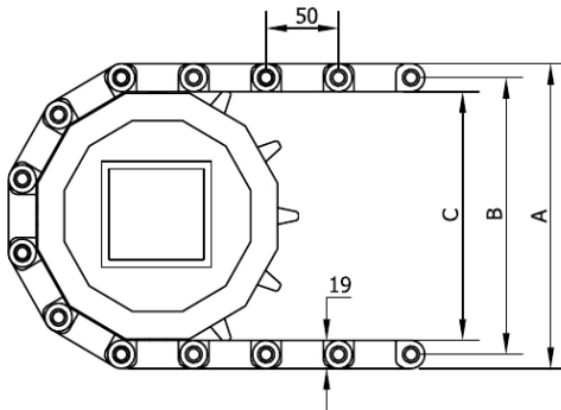
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	6000	13
Polyacetal (POM)		16

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	210	191	175	38

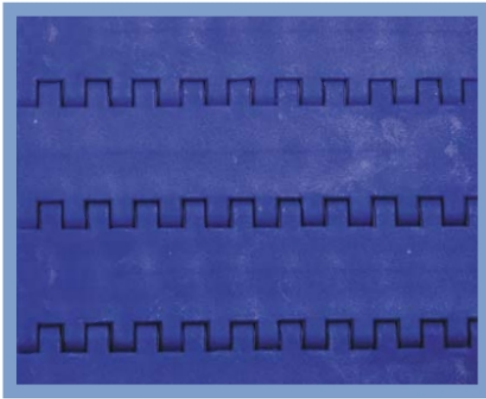


1:1





50-908

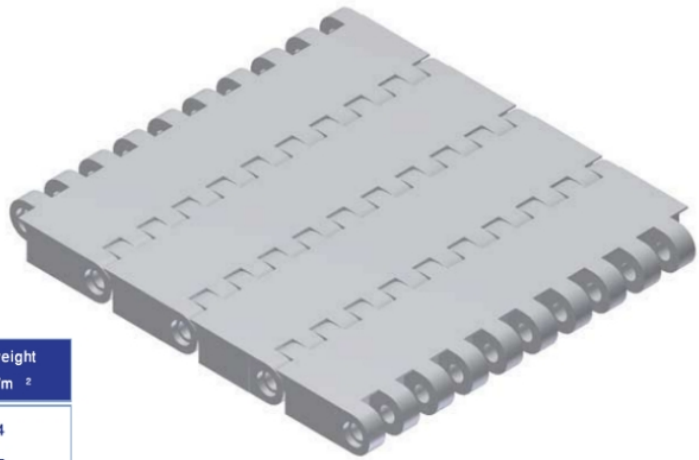


- Belt surface: Flat top.
- Open area: Closed
- Strength: The right belt for very-heavy applications.
- Material/colour: POM, PP.
- Application: Very heavy transportation.
Assembling belt for cars.
Truck loading systems.
Pollets.

HUB SPECIFICATION

	Number of teeth 12Z
Square bore (mm)	40x40 60x60

bore available in inch size



BELT DATA

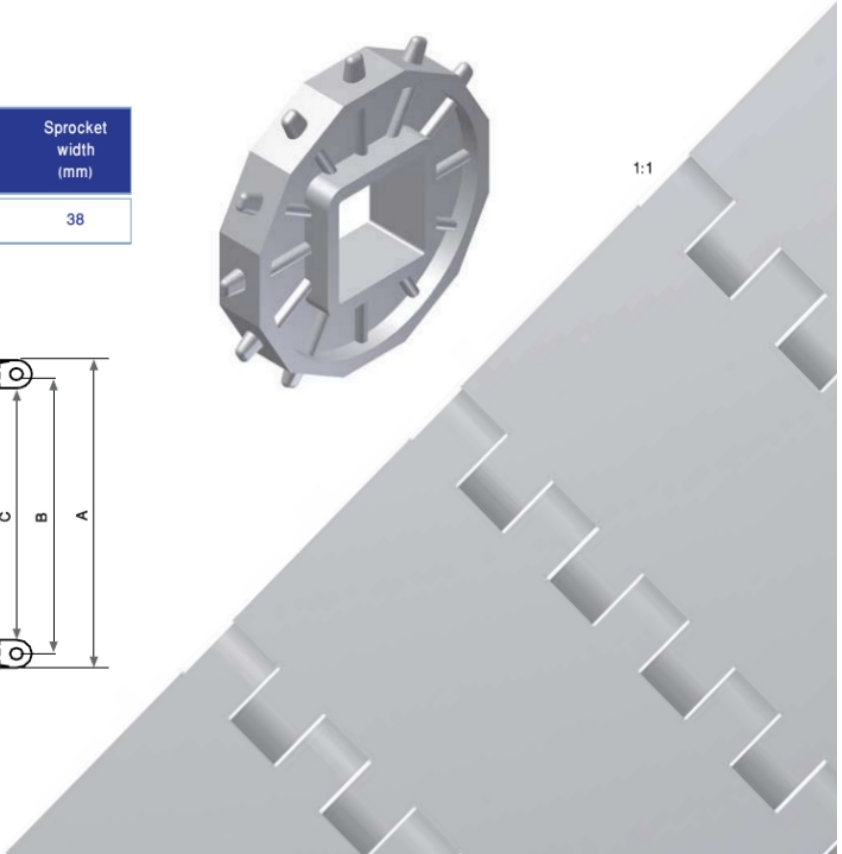
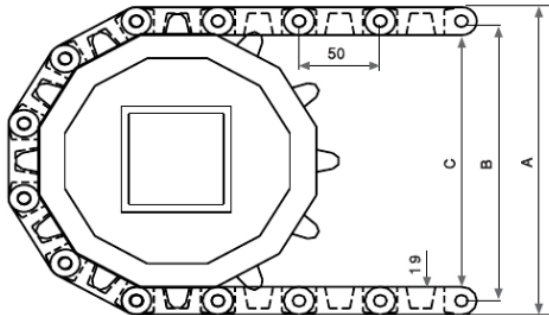
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	6000	14
Polyacetal (POM)		17

SPROCKET DATA

No. of teeth Z	A-Outside diameter (mm)	B-Pitch diameter (mm)	C-Inside diameter (mm)	Sprocket width (mm)
12	210	191	172	38



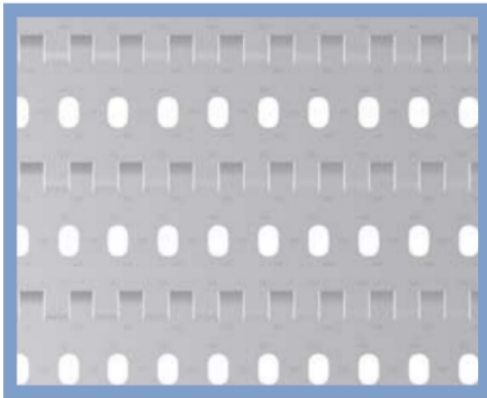
1:1





TYPE 50 PLASTIC BELTS

50-930



- ➔ Belt surface: Perforated flat top with 3 mm flights.
- ➔ Open area: 13 %. Biggest opening 7 x 11 mm.
- ➔ Strength: The right belt for very heavy applications.
- ➔ Material: PP, POM.
- ➔ Application: Very heavy transportation. Assembling belt for cars. Truck loading systems.

HUB SPECIFICATION

	Number of teeth 12Z
Square bore (mm)	40x40 60x60

bore available in inch size



BELT DATA

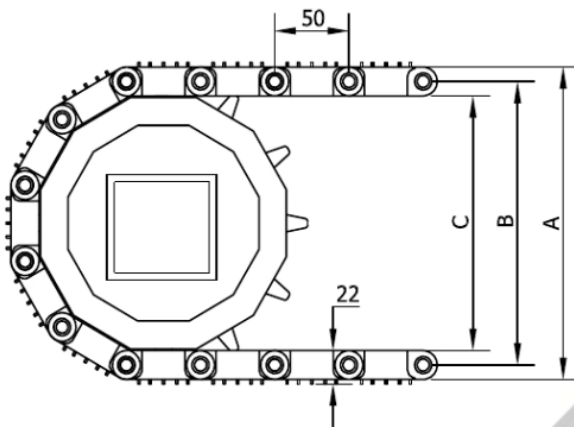
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	6000	14
Polyacetal (POM)		17

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	216	191	172	38



1:1

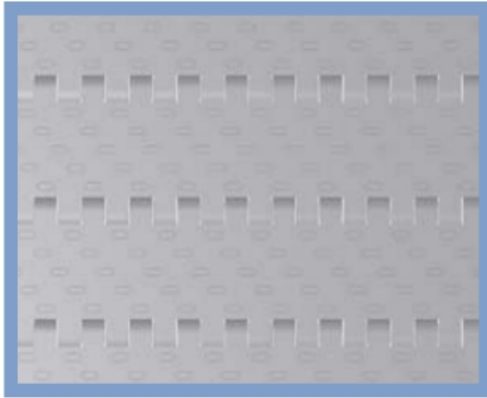




PLASTIC BELTS

TYPE 50

50-938



- ➔ Belt surface: Close belt.
- ➔ Open area: 0%
- ➔ Strength: The right belt for very heavy applications.
- ➔ Material: PP, POM.
- ➔ Application: Very heavy transportation.
Assembling belt for cars.
Truck loading systems.

HUB SPECIFICATION

	Number of teeth
	12Z
Square bore (mm)	40x40 60x60

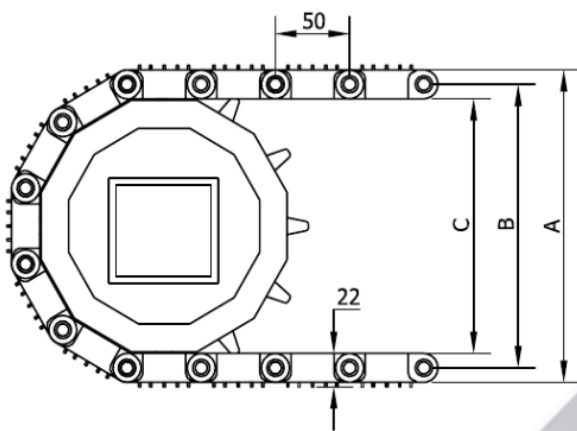
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	6000	14
Polyacetal (POM)		17

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	216	191	172	38



1:1

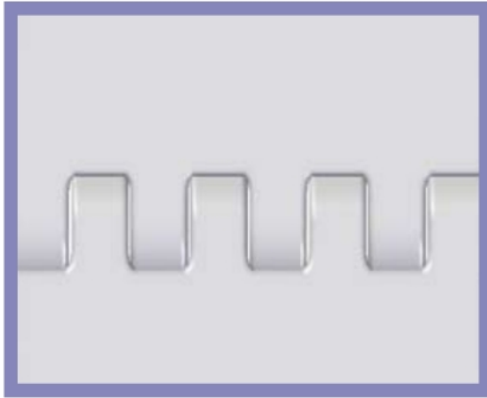


PLASTIC BELTS



TYPE 75

75-908



- ➔ Belt surface: Closed flat top.
- ➔ Open area: Closed.
- ➔ Strength: The right belt for very heavy applications.
- ➔ Material/colour: PP, POM/black & Yellow.
- ➔ Cleanability: Good.
- ➔ Application: Very heavy transportation.
Assembling belt for cars.
Truck loading systems.

HUB SPECIFICATION

	Number of teeth
	12Z
Round bore (mm)	40ø 60ø
Square bore (mm)	60x60 80x80 90x90

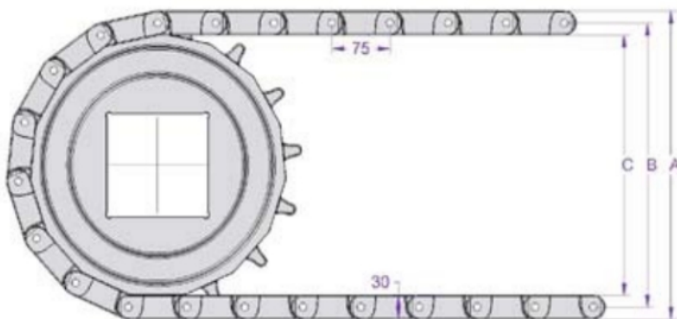
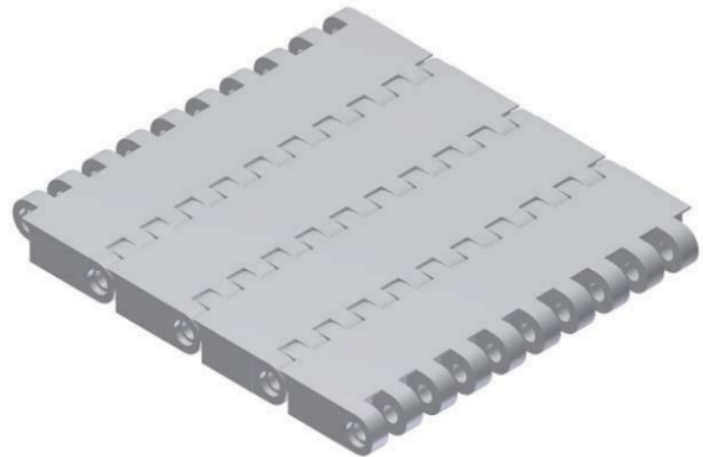
bore available in inch size

BELT DATA

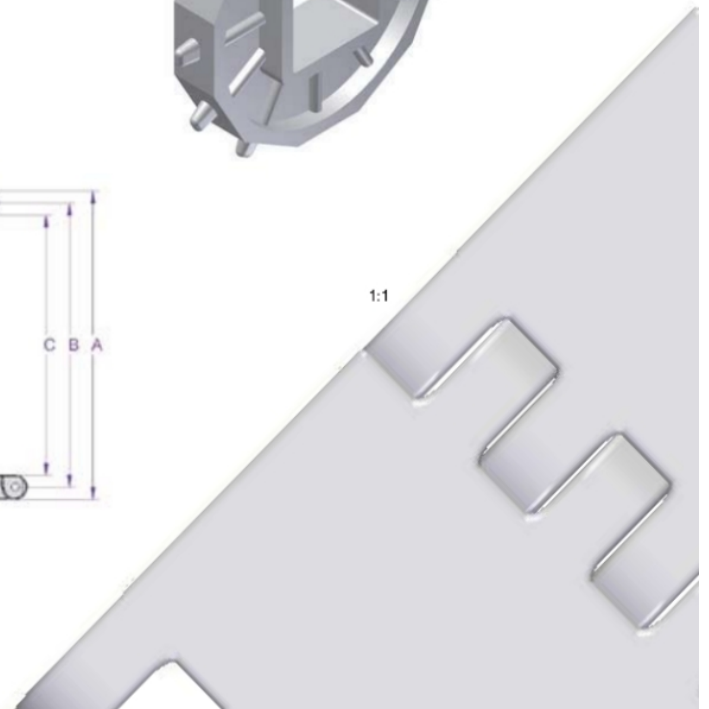
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	10,000	22
Polyacetal (POM)	16,000	33

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	310	280	280	40

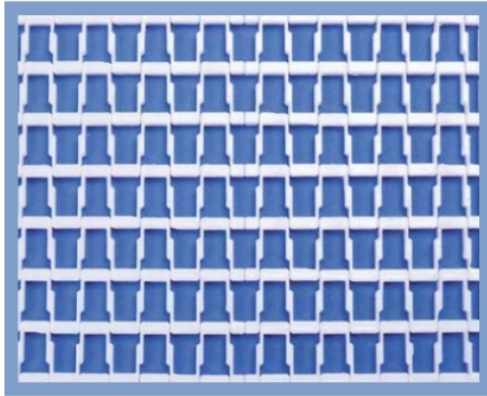


1:1





GB-101



- Belt Surface: Open.
- Open Area: 72%, 16x25.
- Strength: Medium & heavy application.
- Material/Colour: POM.
- Accessories: 40 mm flights.
- Application: Bakery, packaging, vegetables, washing, cooling & freezing.

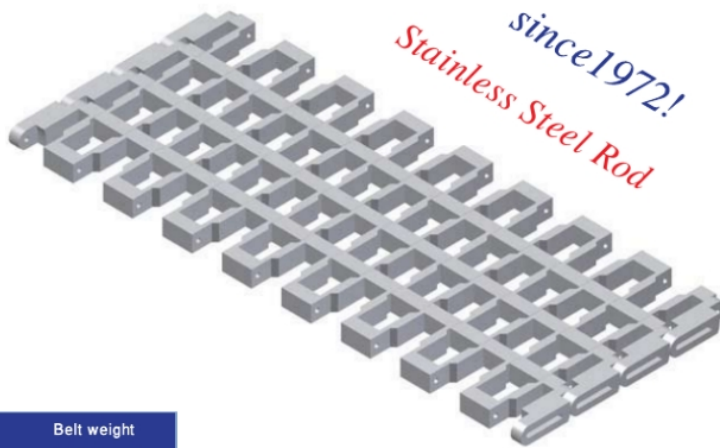
EASY TO CLEAN

Standard measure of the belt
88
120
153
186
210
252
285
318
351
384
417
450
483
516
549
582
615
648
681
714
747
780
810
848
879
912
945
978
1011
1044
1077
1110
1143
1176
1209
1242
1275
1308
1341
1374
1407
1440
1473
1506
1538
1605
1638
1671
1704
1737
1770
1803
1838
1863
1992
1935
1968
2001
2034
2067
2100
2133

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
	55	
	60	

bore available in inch size

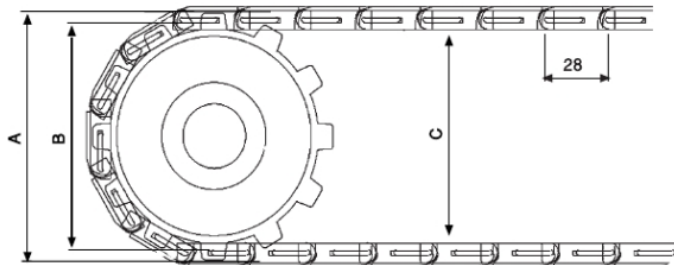


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	3000	5.9

SPROCKET DATA

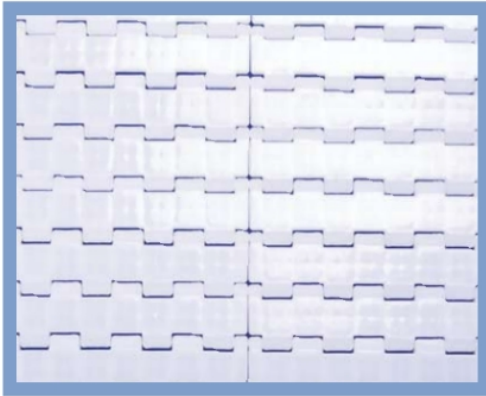
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	118.4	109.4	99.8	48
18	168.6	159.6	150	50



1:1



GB-102



- Belt Surface: Close.
- Open Area: 0%.
- Strength: Medium & heavy application.
- Material/Colour: POM.
- Accessories: 40 mm flights.
- Application: Packaging.

Standard measure of the belt

- 88
- 120
- 153
- 186
- 210
- 252
- 285
- 318
- 351
- 384
- 417
- 450
- 483
- 516
- 549
- 582
- 615
- 648
- 681
- 714
- 747
- 780
- 810
- 848
- 879
- 912
- 945
- 978
- 1011
- 1044
- 1077
- 1110
- 1143
- 1176
- 1209
- 1242
- 1275
- 1308
- 1341
- 1374
- 1407
- 1440
- 1473
- 1506
- 1538
- 1605
- 1638
- 1671
- 1704
- 1737
- 1770
- 1803
- 1838
- 1863
- 1922
- 1935
- 1968
- 2001
- 2034
- 2067
- 2100
- 2133

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
		55
		60

bore available in inch size

BELT DATA

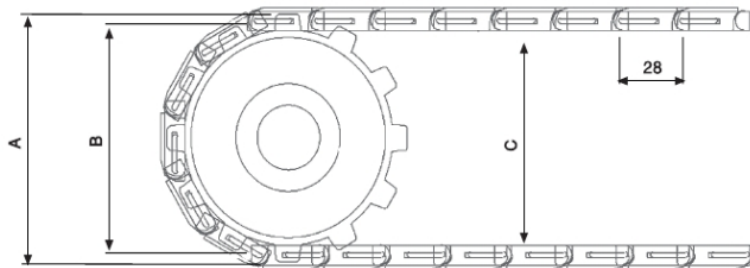
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	3000	9.0

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	124.8	109.4	99.8	48
18	175	159.6	150	50



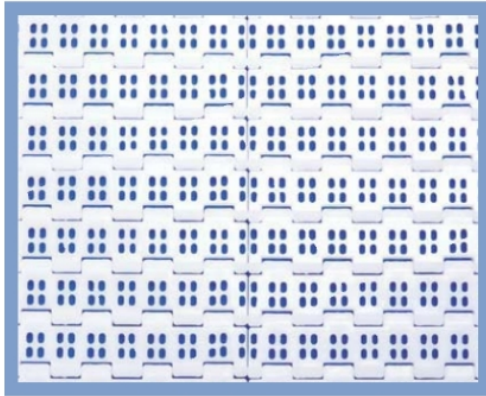
Stainless Steel Rod



1:1



GB-103



- Belt Surface: Perforated
- Open Area: 15%
- Strength: Medium & heavy application
- Material: POM.
- Accessories: 40 mm flights
- Application: Packaging, fruit & vegetables, washing.

Standard measure of the belt

- 88
- 120
- 153
- 186
- 210
- 252
- 285
- 318
- 351
- 384
- 417
- 450
- 483
- 516
- 549
- 582
- 615
- 648
- 681
- 714
- 747
- 780
- 810
- 848
- 879
- 912
- 945
- 978
- 1011
- 1044
- 1077
- 1110
- 1143
- 1176
- 1209
- 1242
- 1275
- 1308
- 1341
- 1374
- 1407
- 1440
- 1473
- 1506
- 1538
- 1605
- 1638
- 1671
- 1704
- 1737
- 1770
- 1803
- 1838
- 1863
- 1992
- 1935
- 1968
- 2001
- 2034
- 2067
- 2100
- 2133

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
		55
		60

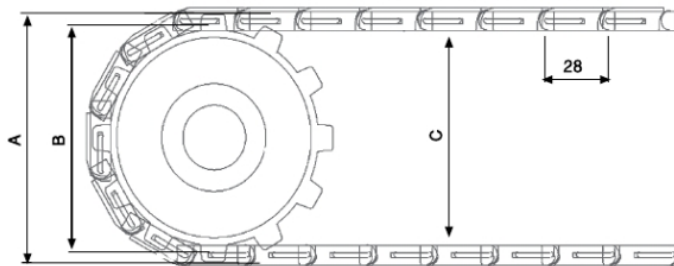
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	3000	7.6

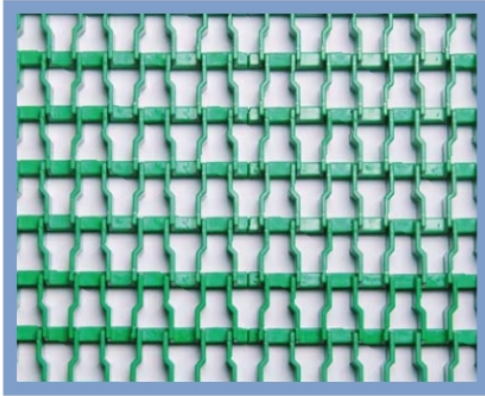
SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	122.5	109.4	99.8	48
18	172.7	159.6	150	50





GB-104



- ➔ **Belt Surface:** Raised ribs / Open for finger plates.
- ➔ **Open Area:** 72%, 16x25.
- ➔ **Strength:** Heavy application.
- ➔ **Material:** POM.
- ➔ **Accessories:** 40 mm flights, Finger plates.
- ➔ **Application:** Bottles, boxes, glass, pasteurizing.

Standard measure of the belt

- 88
- 120
- 153
- 186
- 210
- 252
- 285
- 318
- 351
- 384
- 417
- 450
- 483
- 516
- 549
- 582
- 615
- 648
- 681
- 714
- 747
- 780
- 810
- 848
- 879
- 912
- 945
- 978
- 1011
- 1044
- 1077
- 1110
- 1143
- 1176
- 1209
- 1242
- 1275
- 1308
- 1341
- 1374
- 1407
- 1440
- 1473
- 1506
- 1538
- 1605
- 1638
- 1671
- 1704
- 1737
- 1770
- 1803
- 1838
- 1863
- 1922
- 1935
- 1968
- 2001
- 2034
- 2067
- 2100
- 2133

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
		55
		60

bore available in inch size

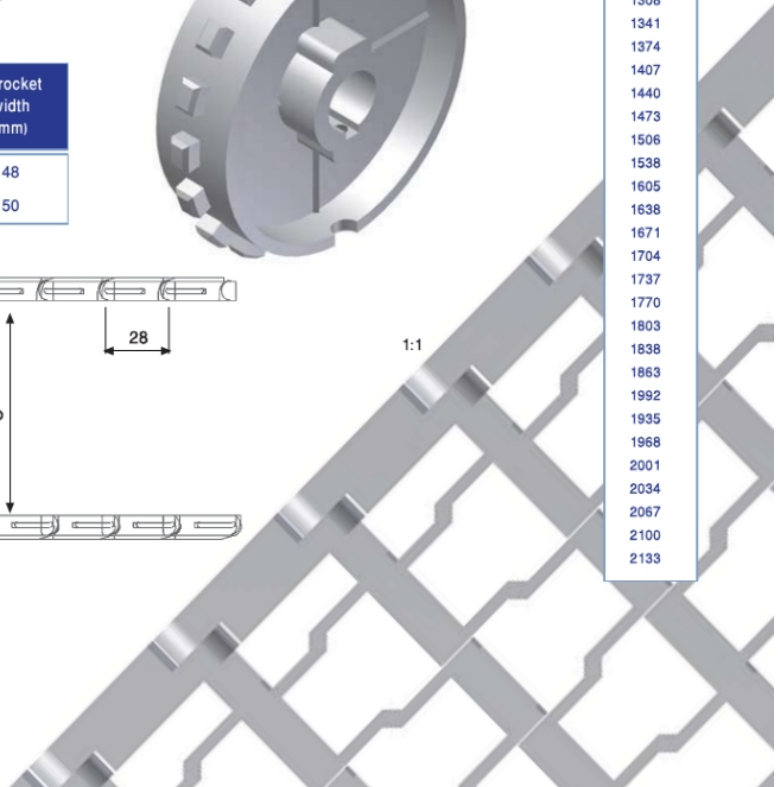
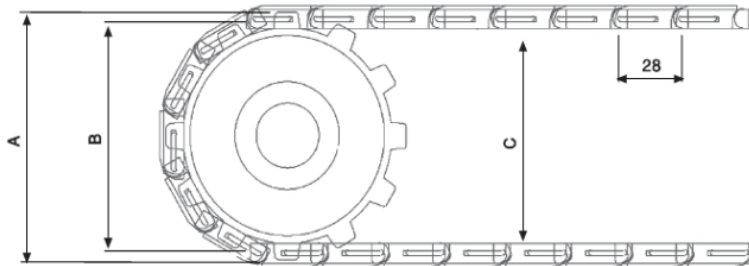


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	3000	8.35

SPROCKET DATA

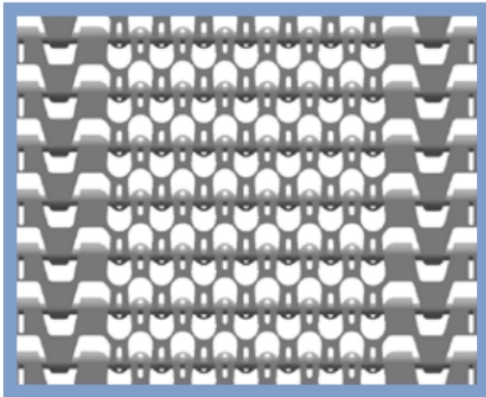
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	124.8	109.4	99.8	48
18	175	159.6	150	50





CURVED PLASTIC BELTS

S-100



- ➔ Belt surface: Smooth.
- ➔ Open area: 52 %
- ➔ Strength: The ideal choice for medium weight
- ➔ Material: POM/PP
- ➔ Accessories: friction modules, hold-down.
25, 50, 75 mm flights.
- ➔ Application: Spiral coolers, radius conveyors.
- ➔ Construction: Side modules, centre modules.
- ➔ Width interval: Normal 20 mm. e.g. 209 mm, 229 mm.

HUB SPECIFICATION

	Number of teeth		
	8Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
	25ø	25ø	30ø 40ø
Hexagon bore (mm)	24x24x24		
Square bore (mm)	25x25	25x25	25x25
		40x40	40x40

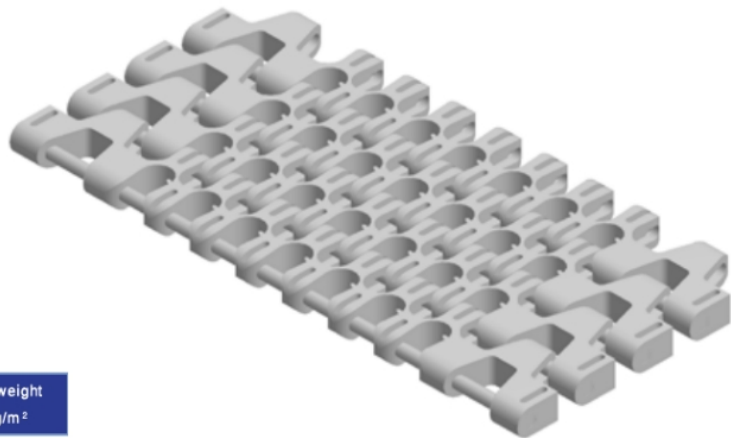
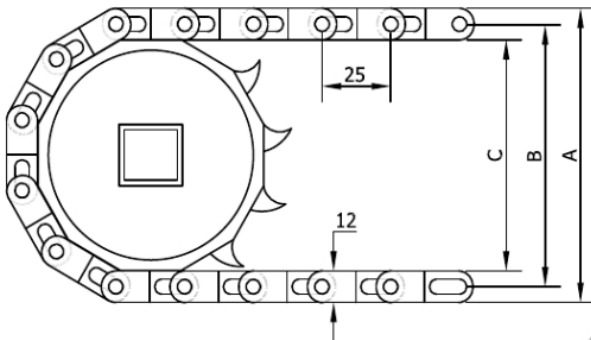
bore available in inch size

BELT DATA

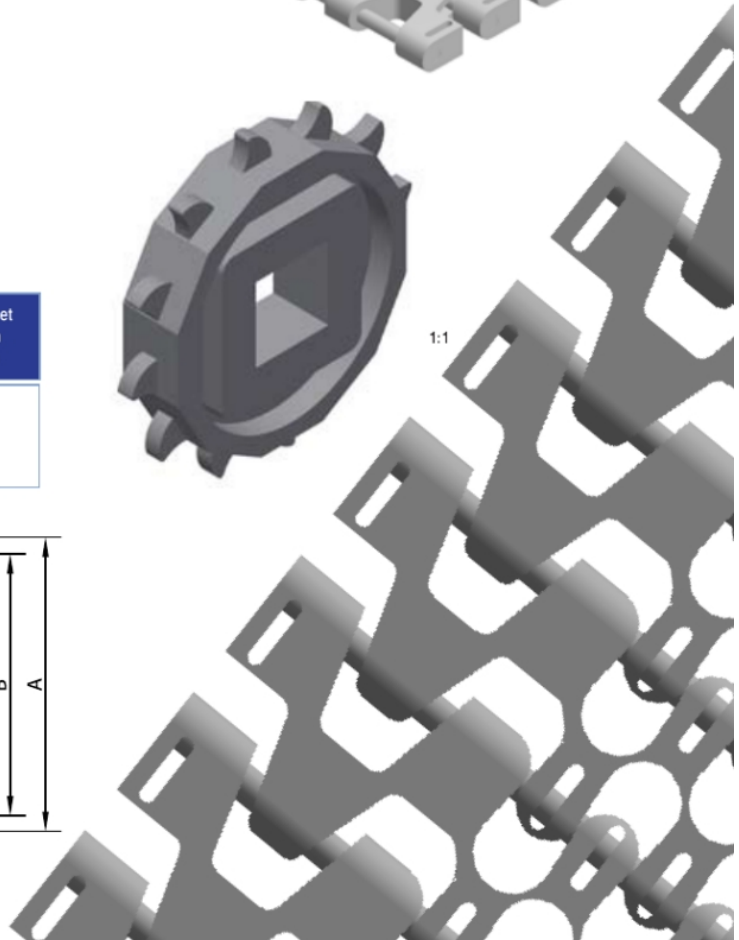
Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	NYLON	110	7
	STEEL	150	12
Polypropylene (PP)	NYLON	90	4.5
	STEEL	100	9.7

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
8	78	66	54	19
12	108	96	84	19
20	173	161	149	19

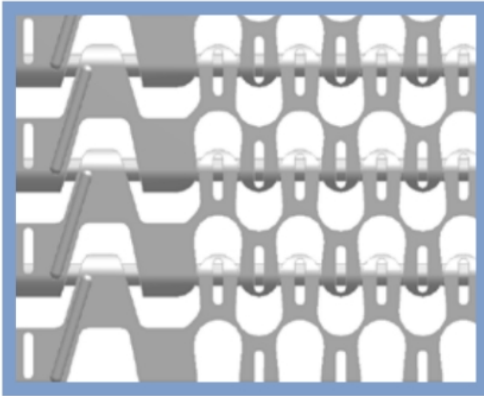


1:1





S-100 S-25



- ➔ Belt surface: Smooth.
- ➔ Open area: 52 %
- ➔ Strength: The ideal choice for medium weight
- ➔ Material: POM/PP
- ➔ Accessories: friction modules, hold-down.
25, 50, 75 mm flights,
25 mm side guards,
- ➔ Application: Spiral coolers, radius conveyors
Construction: Side modules, centre
modules.
- ➔ Width interval: Normal 20 mm. e.g. 209 mm, 229 mm.

HUB SPECIFICATION

	Number of teeth		
	8Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
	25ø	25ø	30ø
		30ø	30ø
		40ø	40ø
Hexagon bore (mm)	24x24x24		
Square bore (mm)	25x25	25x25	25x25
		40x40	40x40

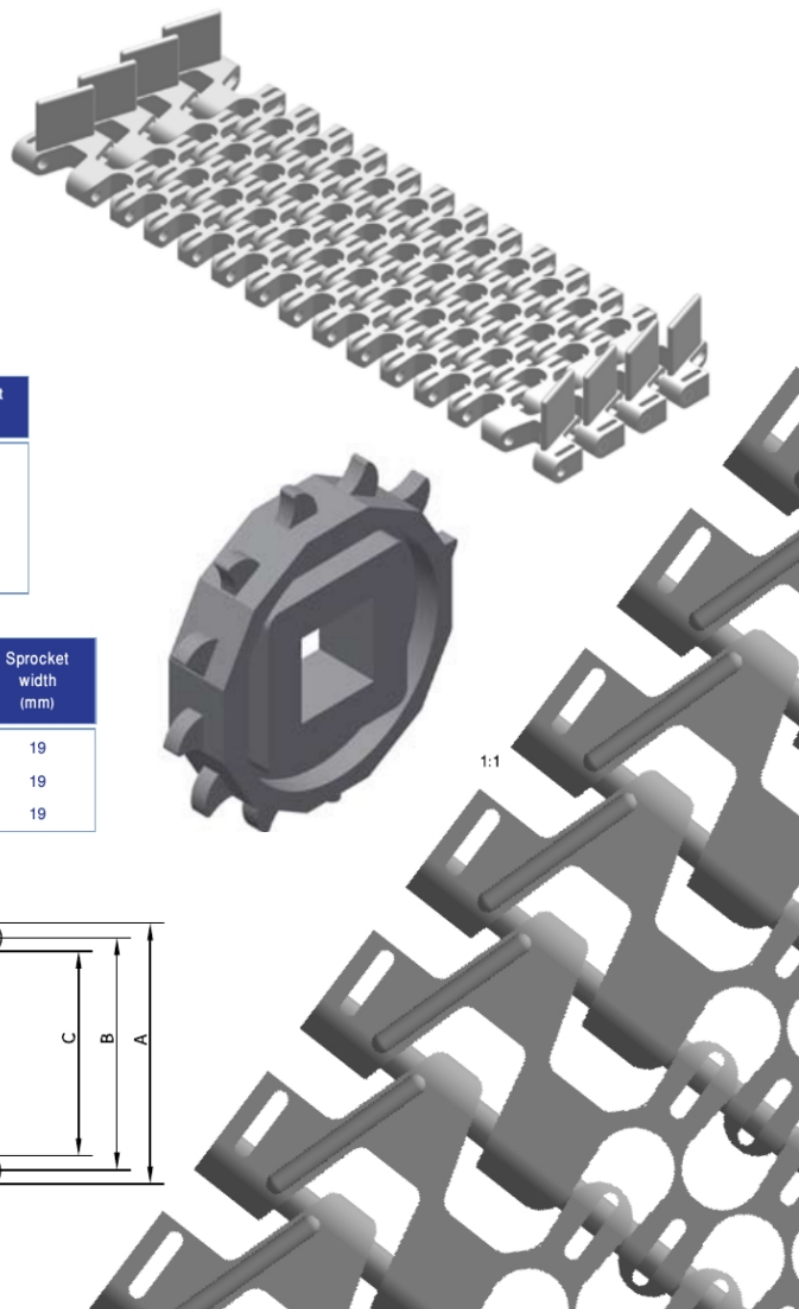
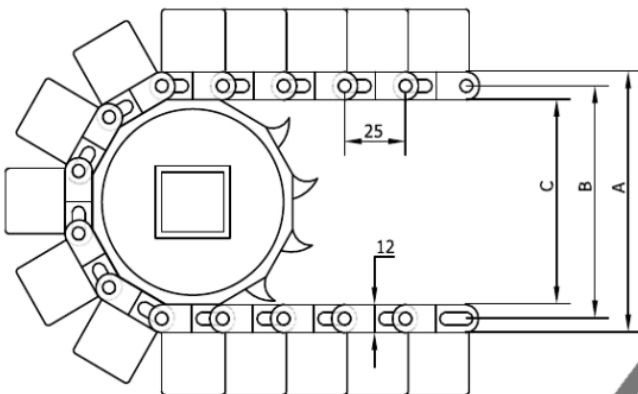
bore available in inch size

BELT DATA

Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	NYLON	110	7
	STEEL	150	12
Polypropylene (PP)	NYLON	90	4.5
	STEEL	100	9.7

SPROCKET DATA

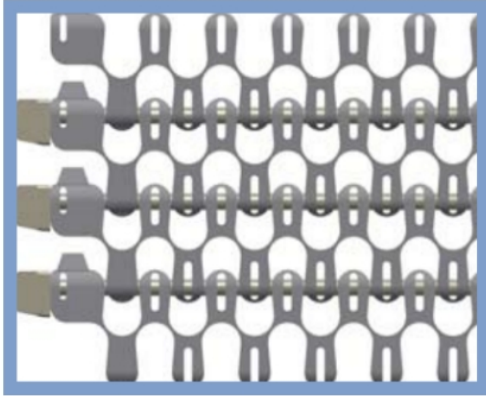
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
8	78	66	54	19
12	108	96	84	19
20	173	161	149	19





CURVED PLASTIC BELTS

S-100 TAB



- ➔ Belt surface: Smooth.
- ➔ Open area: 52 %
- ➔ Strength: The ideal choice for medium weight
- ➔ Material: POM/PP
- ➔ Accessories: friction modules, hold-down.
25, 50, 75 mm flights.
- ➔ Application: Spiral coolers, radius conveyors.
- ➔ Construction: Side modules, centre modules.
- ➔ Width interval: Normal 20 mm. e.g. 209 mm, 229 mm.

HUB SPECIFICATION

	Number of teeth		
	8Z	12Z	20Z
Round bore (mm)	20ø	20ø	25ø
	25ø	25ø	30ø
Hexagon bore (mm)	24x24x24		
Square bore (mm)	25x25	25x25	25x25
		40x40	40x40

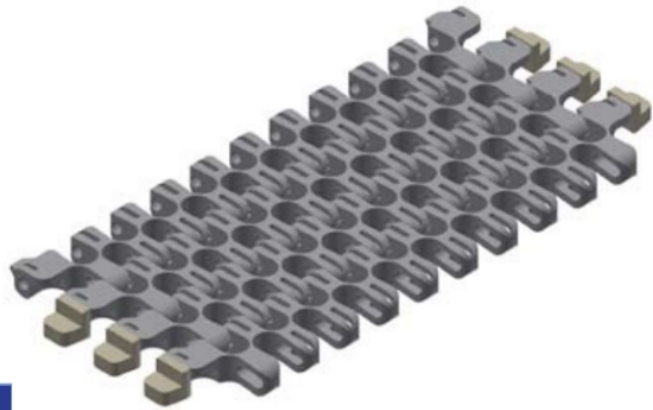
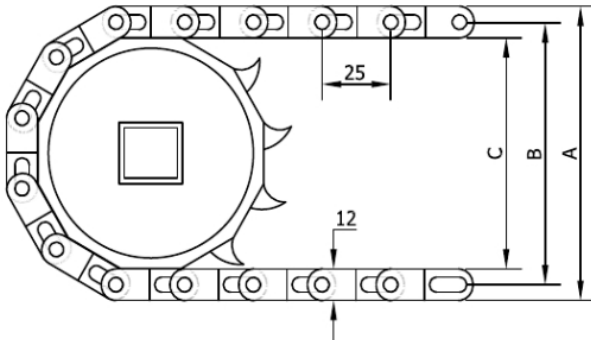
bore available in inch size

BELT DATA

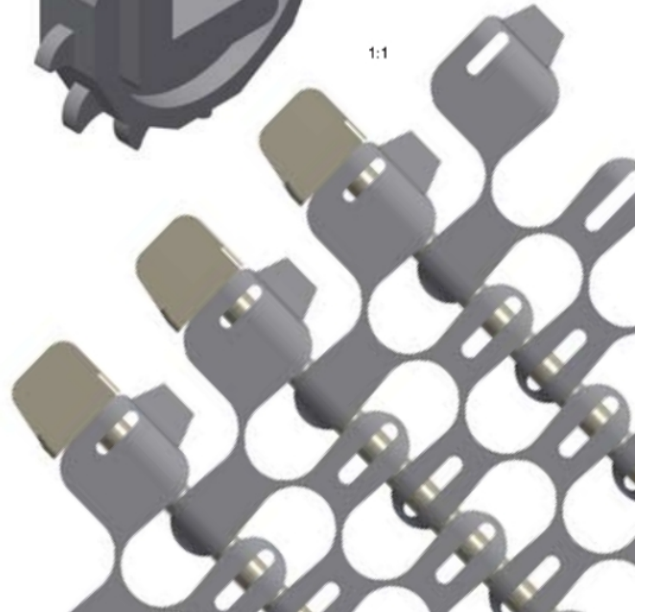
Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	NYLON	110	7
	STEEL	150	12
Polypropylene (PP)	NYLON	90	4.5
	STEEL	100	9.7

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
8	78	66	54	19
12	108	96	84	19
20	173	161	149	19



1:1

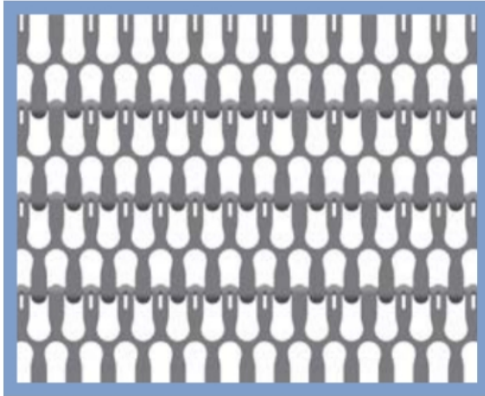




PLASTIC BELTS

CURVED

S-200



- ➔ Belt surface: Smooth.
- ➔ Open area: 47 %
- ➔ Strength: Ideal for heavy duty spirals and curves.
- ➔ Material: POM/PP
- ➔ Cleanability: Good.
- ➔ Application: Spiral coolers, radius conveyors

HUB SPECIFICATION

	Number of teeth
	10Z
Round bore (mm)	25ø
	30ø
	40ø
	50ø
	60ø
Square bore (mm)	25x25
	40x40
	60x60

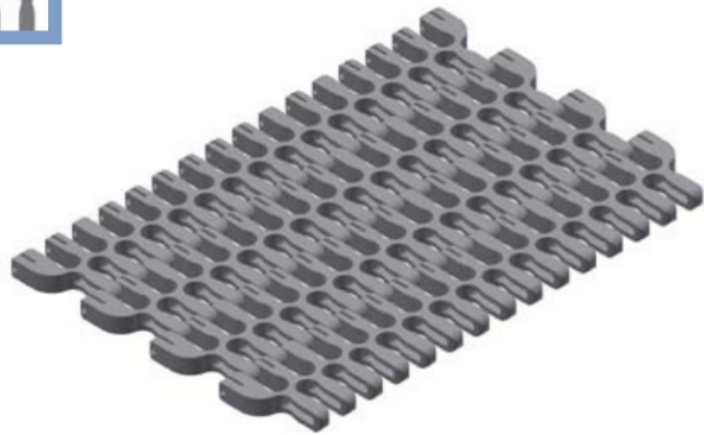
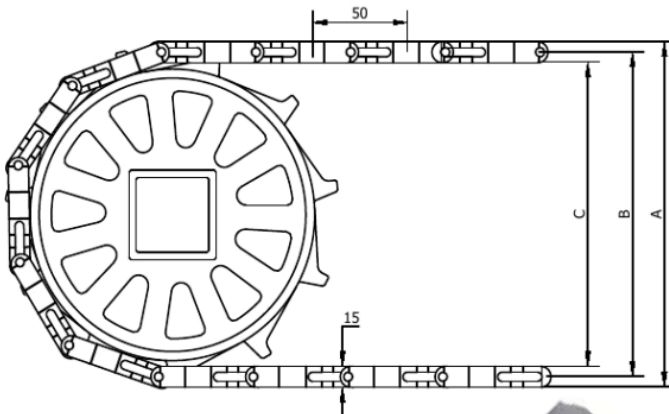
bore available in inch size

BELT DATA

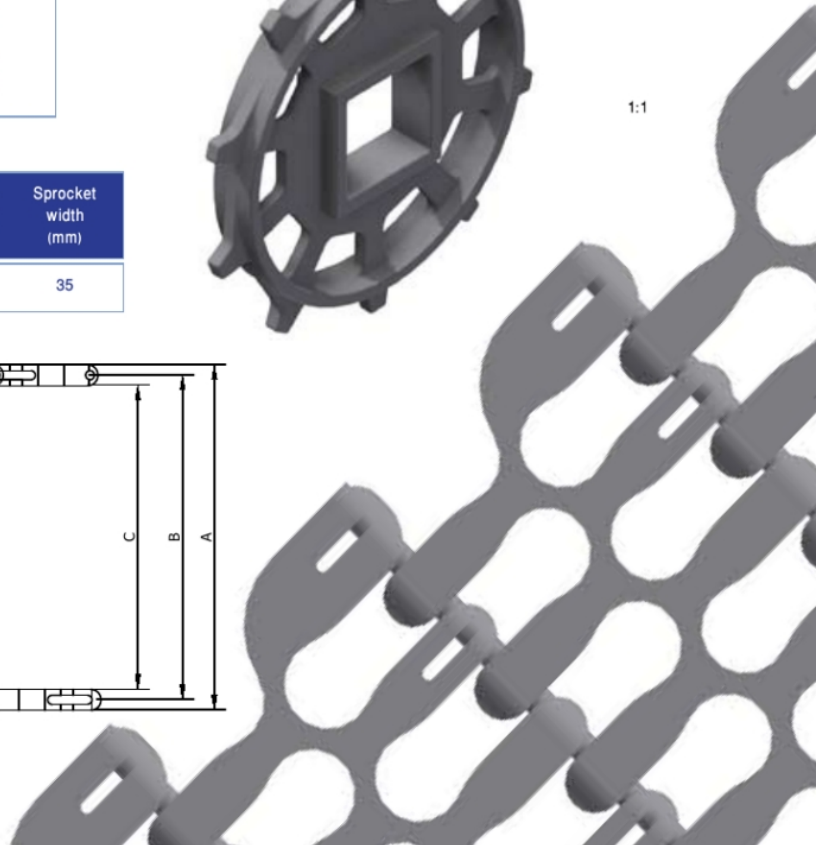
Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	PP	205	8
	Nylon	305	8
Polypropylene (PP)	PP	160	6
	Nylon	250	6

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	169	154	139	35



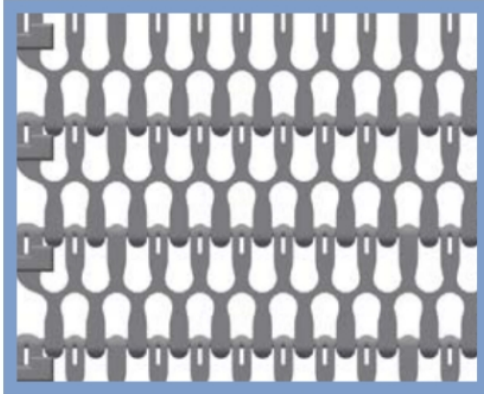
1:1





CURVED PLASTIC BELTS

S-200 TAB



- ➔ Belt surface: Smooth.
- ➔ Open area: 47 %
- ➔ Strength: Ideal for heavy duty spirals and curves.
- ➔ Material: POM/PP
- ➔ Cleanability: Good.
- ➔ Application: Spiral coolers, radius conveyors

HUB SPECIFICATION

	Number of teeth
	10Z
Round bore (mm)	25ø
	30ø
	40ø
	50ø
	60ø
Square bore (mm)	25x25
	40x40
	60x60

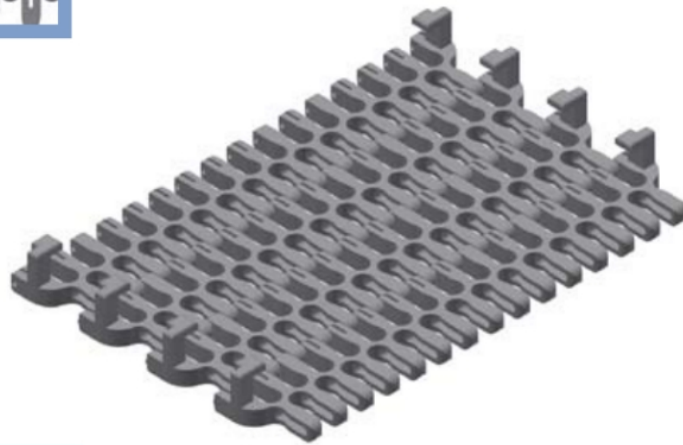
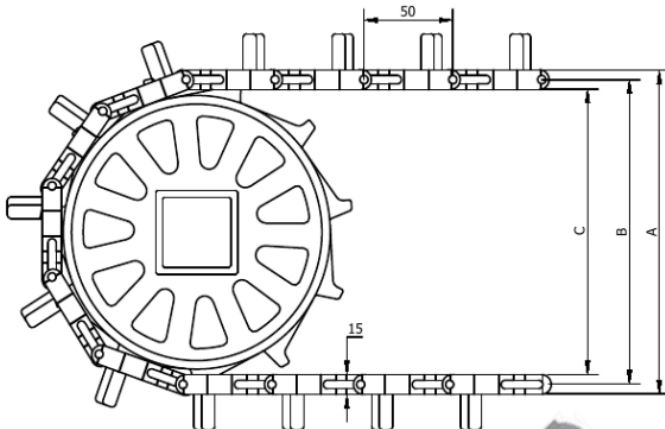
bore available in inch size

BELT DATA

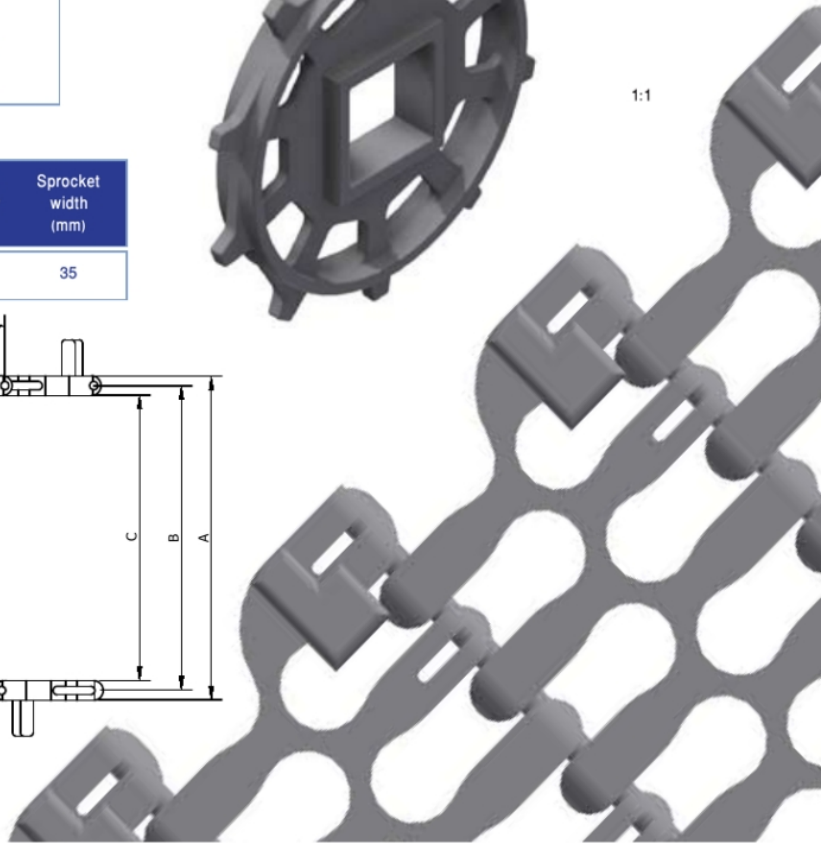
Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	PP	205	8
	Nylon	305	8
Polypropylene (PP)	PP	160	6
	Nylon	250	6

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	169	154	139	35

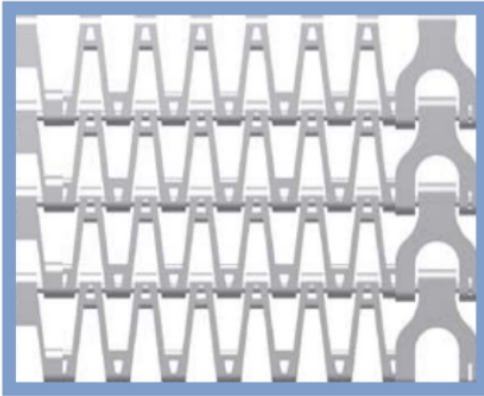


1:1





J-450



- ➔ Belt surface: Smooth.
- ➔ Open area: 67%.
- ➔ Strength: The right belt for heavy transportation.
- ➔ Material/colour: POM, PP
- ➔ Cleanability: Good.
- ➔ Application: Spiral coolers and radius conveyors. It can only turn in one direction.

HUB SPECIFICATION

	Number of teeth 11Z
Round bore (mm)	30ø
	40ø
	45ø
Square bore (mm)	40x40

bore available in inch size

BELT DATA

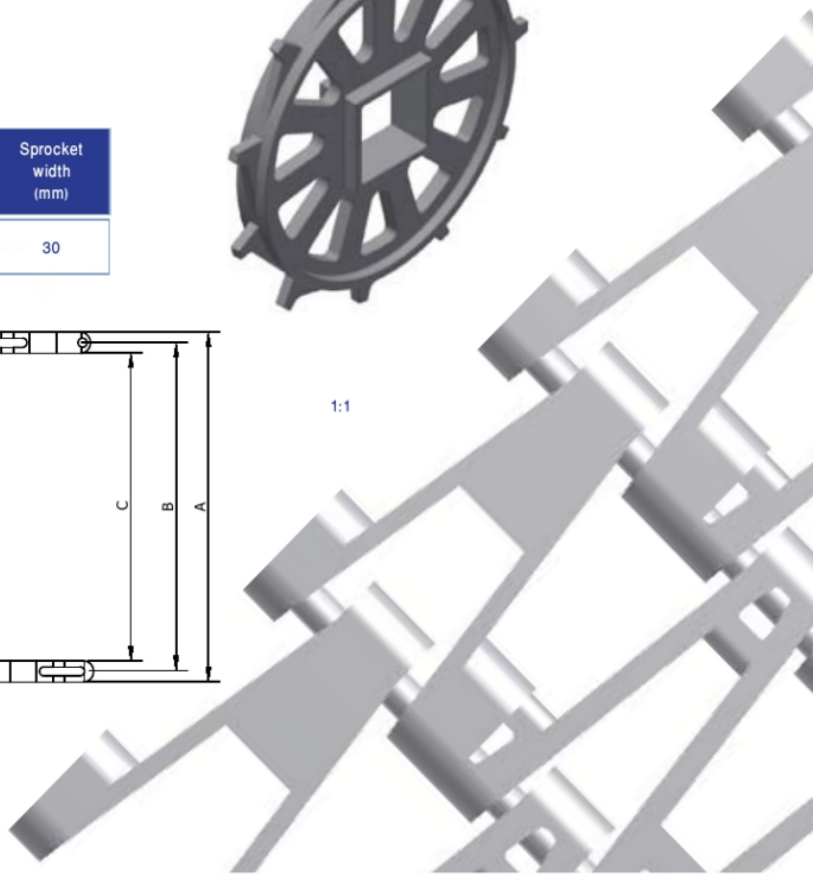
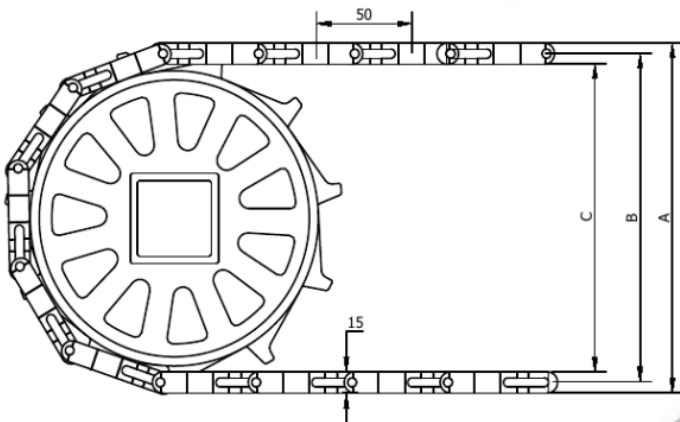
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyacetal (POM)	450	9
Polypropylene (PP)	200	7.5

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
11	189	117	166	30

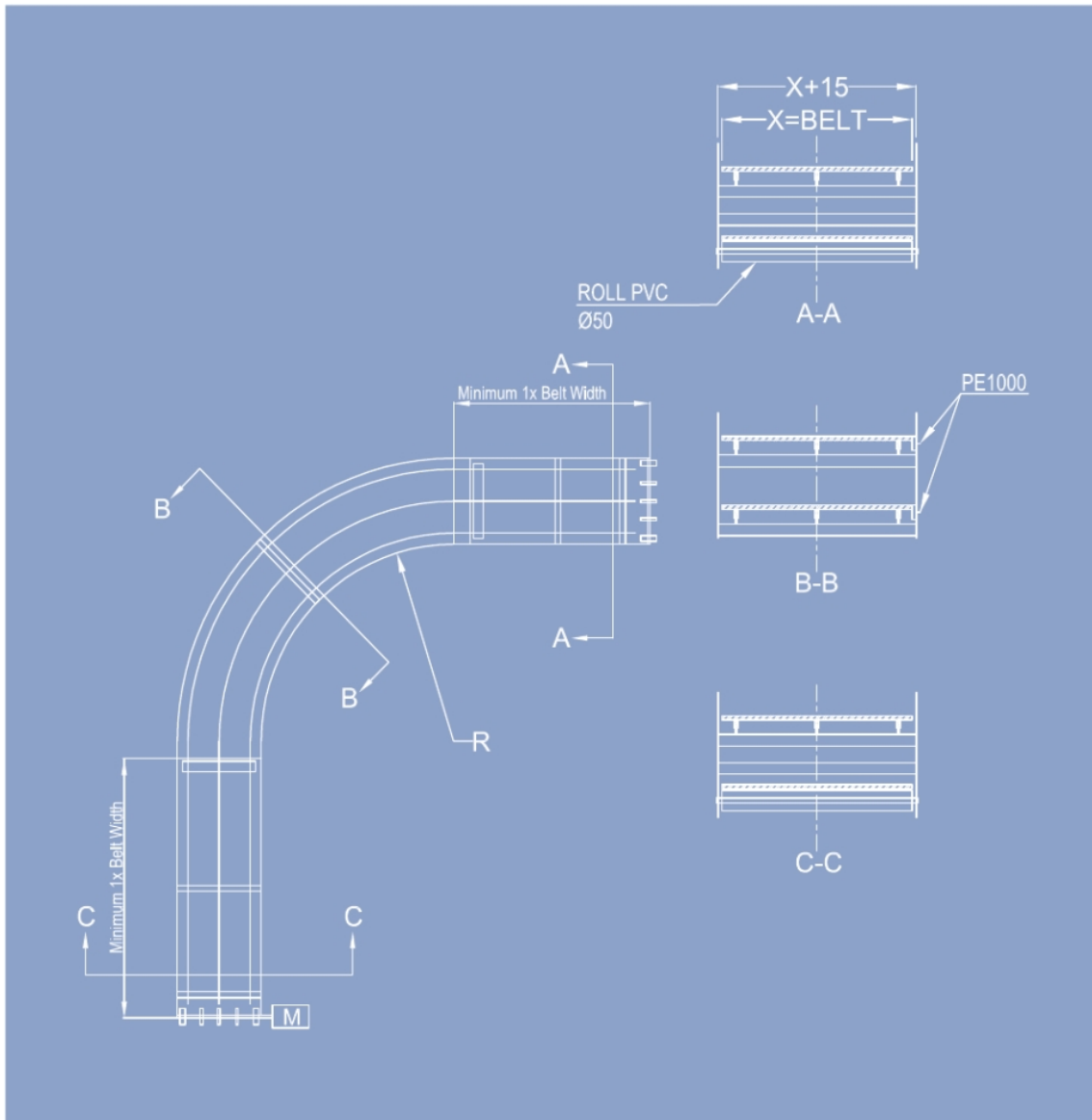


1:1



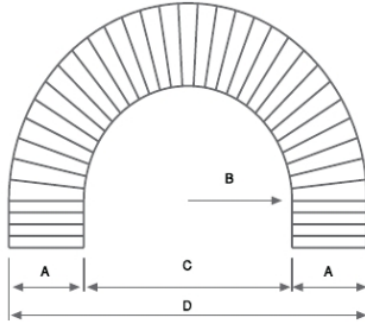


FRAME MEASUREMENTS FOR RADIUS BELTS





RADIUS BELT DIMENSIONS



- A = Standard belt width
- B = Inner radius
- C = Inner diameter
- D = Outer diameter

S-100										
A	209	270	373	475	577	679	782	884	986	1088
B	343	451	645	845	1061	1263	1470	1697	1903	2143
C	686	902	1290	1690	2122	2526	2940	3394	3806	4286
D	1104	1442	2036	2640	3276	3884	4504	5162	5778	6462

S-200										
A	107	210	292	394	497	600	702	805	907	1011
B	148	240	355	505	670	855	1040	1210	1360	1540
C	296	480	710	1010	1340	1710	2080	2420	2720	3080
D	510	900	1294	1798	2334	2910	3484	4030	4534	5102

J-450										
A	95	195	296	386	498	600	701	802	903	1003
B	133	283	444	614	797	960	1157	1364	1562	1775
C	266	566	888	1228	1594	1920	2314	2728	3124	3550
D	456	956	1480	2020	2560	3120	3716	4332	4930	5556

Standard width - Radius belts				
S-100		S-200		J-450
127	618	251	744	95
147	638	271	764	128
168	659	292	785	162
188	679	312	805	195
209	699	333	826	229
229	720	353	846	262
250	741	374	857	296
270	761	394	887	329
291	782	414	907	532
311	802	435	928	566
332	823	455	949	600
352	843	477	970	633
373	864	497	990	667
393	884	518	1011	701
413	904	538		734
433	925	559		768
453	945	579		802
475	966	600		835
495	1007	620		869
516	1088	641		903
536	1190	662		1003
557	1210	682		1103
598	1294	702		1203
	1314	723		1303

$$\text{Collapse factor} = \frac{\text{min. inner radius}}{\text{belt width}}$$

$$\text{Min. inner radius} = \text{collapse factor} \times \text{belt width}$$

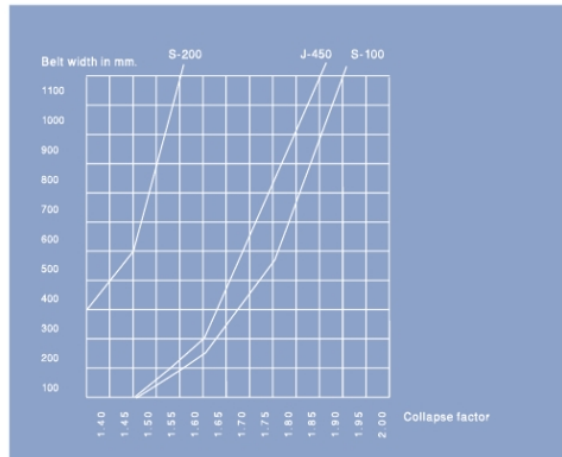


FIGURE 1

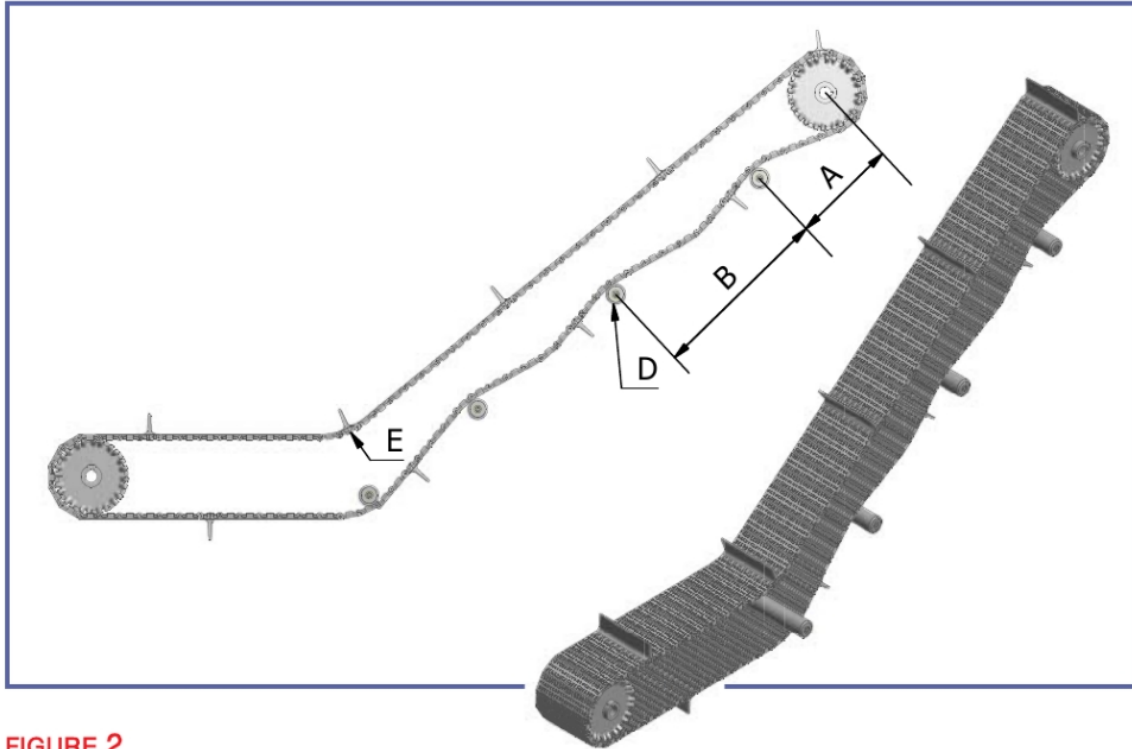
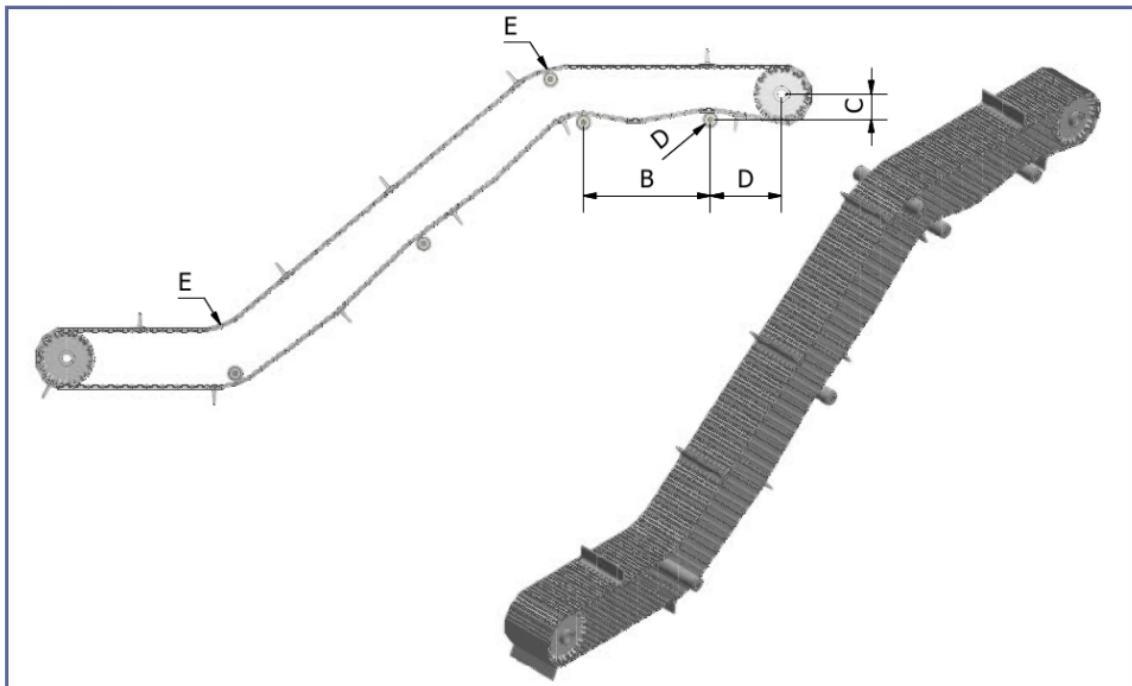


FIGURE 2



A = 200 - 300 mm

B = Min. 1000 mm - max. 10% of the centre distance

C = 12 - 50 mm

D = 12 min. \varnothing 30 mm - 25 min. \varnothing 50 mm. - 50 min. \varnothing 100 mm.

E = Min. radius 150 mm.



FIGURE 1 - Short Conveyor

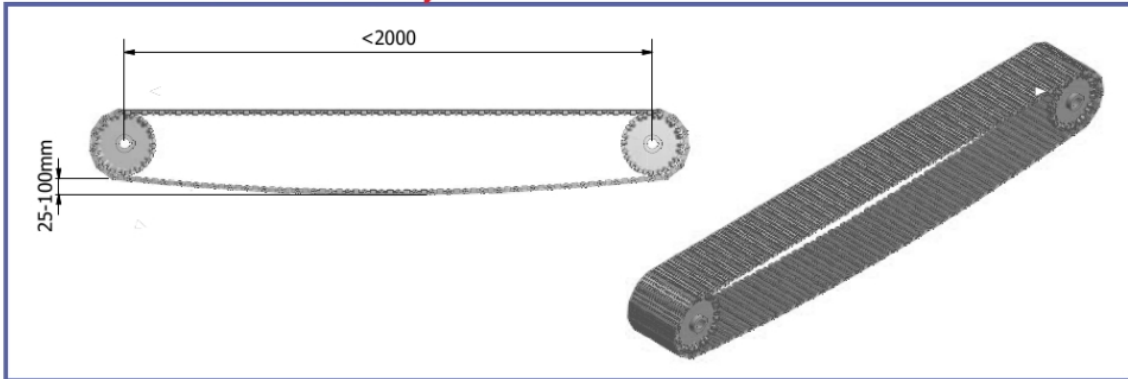


FIGURE 2- Long Conveyor

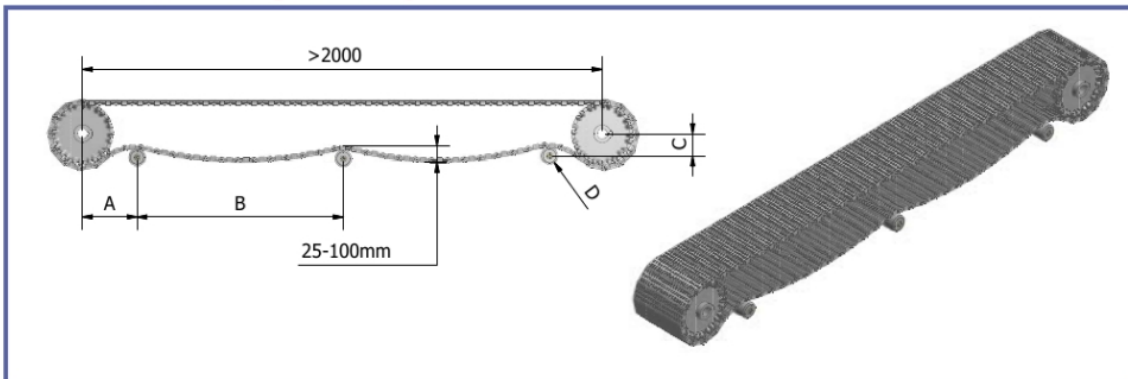
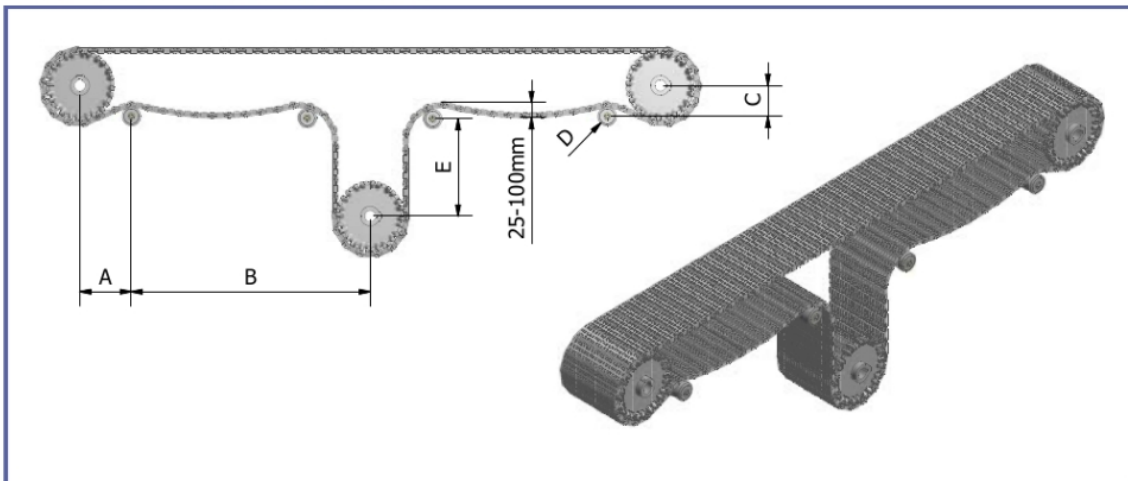


FIGURE 3- Center driven



A = 200 - 300 mm

B = Min. 1000 mm - max. 10% of the centre distance

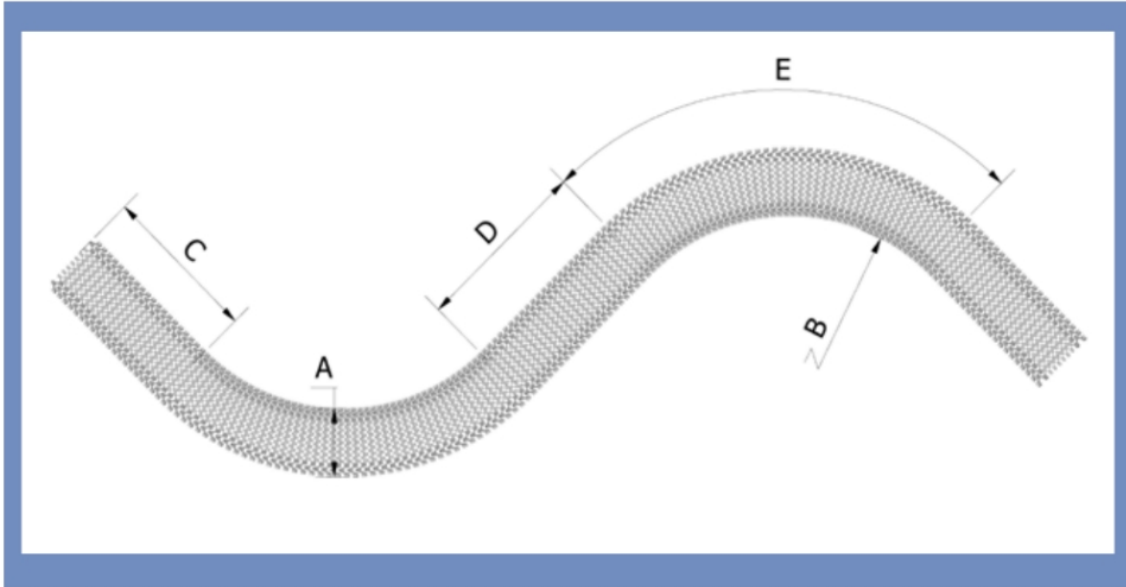
C = 12 - 50 mm

D = 12 min. \varnothing 30 mm. - 25 min. \varnothing 50 mm. - 50 min. \varnothing 100 mm.

E = 12 min. \varnothing 50 mm. - 25 min. 75 mm. - 50 min. 150 mm.

F = 12 min. \varnothing 40 mm. - 25 min. \varnothing 100 mm. - 50 min. \varnothing 150 mm.

CALCULATION FOR A S-curve



- A: Belt width.
- B: Min. inner radius = belt width x collapse factor.
- C: Straight run on pull and n = belt width.
- D: Straight run between 2 curves = min. 2 x belt width.
- E: Curve length.

CALCULATION EXAMPLE

Belt width 421 mm -2 pcs. 90° turning radius.

Collapse factor = 1.6

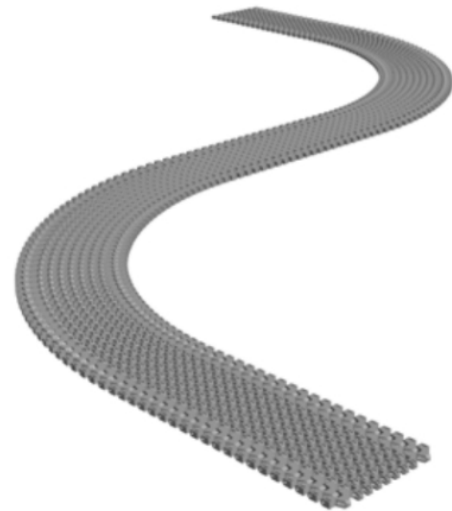
B: 421 (A) x 1.6 = 674 mm.

C: min. 421 mm.

D: min. 842 mm.

E: $\frac{(B + A) \times 3.14}{4} = 860$ mm

Total length c/c = (2 x C) + D + (2 x E) = 3404 mm.





PLASTIC BELTS

CONSTRUCTION

SPROCKET SUPPORT

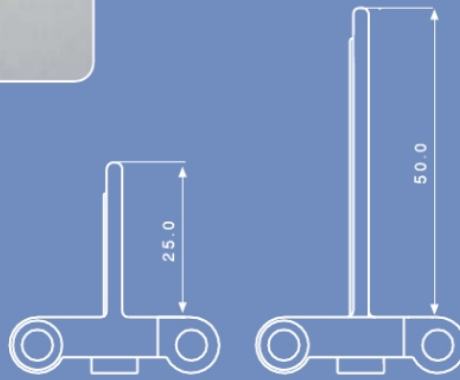
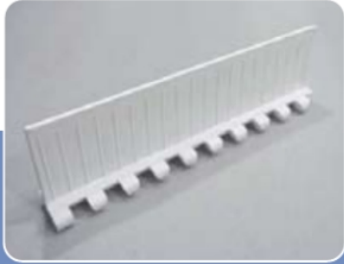
Sprockets							Belt support				
Nominal belt width	Standard load		Medium load		Heavy load		Nominal belt width	Series 25		Series 50	
mm	Series 25	Series 50	Series 25	Series 50	Series 25	Series 50	mm	carry way	return way	carry way	return way
50	1	1	1	1	1	1	50	2	2	2	2
100	1	1	2	2	2	2	100	2	2	2	2
150	2	2	2	2	3	2	150	2	2	2	2
200	2	2	3	2	4	3	200	3	2	2	2
250	2	2	3	3	5	3	250	3	2	3	2
300	3	3	4	3	6	4	300	3	2	3	2
350	3	3	5	4	7	5	350	4	3	3	3
400	4	3	6	4	8	6	400	4	3	3	3
450	4	3	6	5	9	6	450	4	3	3	3
500	5	4	7	5	10	7	500	5	3	4	3
600	5	5	8	6	12	8	600	5	3	4	3
750	6	6	10	8	15	10	750	6	4	5	4
800	7	6	11	8	16	11	800	7	4	5	4
900	8	7	12	9	18	12	900	7	4	5	4
1000	8	8	14	10	20	14	1000	8	5	6	5
1200	10	9	16	12	24	16	1200	9	5	7	5
1500	12	11	20	15	30	20	1500	11	6	8	5
1800	15	13	24	18	36	24	1800	13	7	9	6
2100	17	15	28	21	42	28	2100	15	8	11	7
2400	20	16	32	24	48	32	2400	17	9	12	8
3000	24	20	40	30	60	40	3000	21	11	15	9
3600	29	24	48	36	72	48	3600	25	13	17	11
4000	32	28	54	40	80	54	4000	29	15	19	13
	Max. space between sprockets 125mm	Max. space between sprockets 150mm	Max. space between sprockets 75mm	Max. space between sprockets 100mm	Max. space between sprockets 50mm	Max. space between sprockets 75mm	For other widths	Max. space between sprockets 150mm	Max. space between sprockets 300mm	Max. space between sprockets 225mm	Max. space between sprockets 300mm

For series 25-800 and series 50-800 a minimum of 'medium load' is recommended.

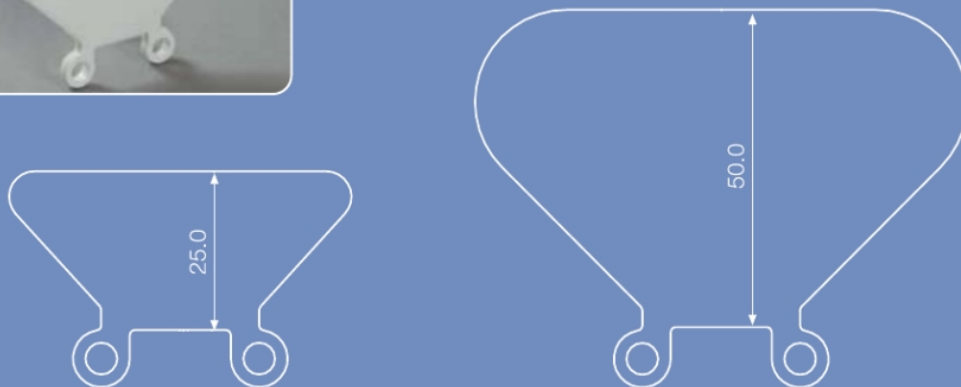
When Axle base CC distance is above 2 mtr, a roller is recommended on the returnway.



FLIGHTS 25

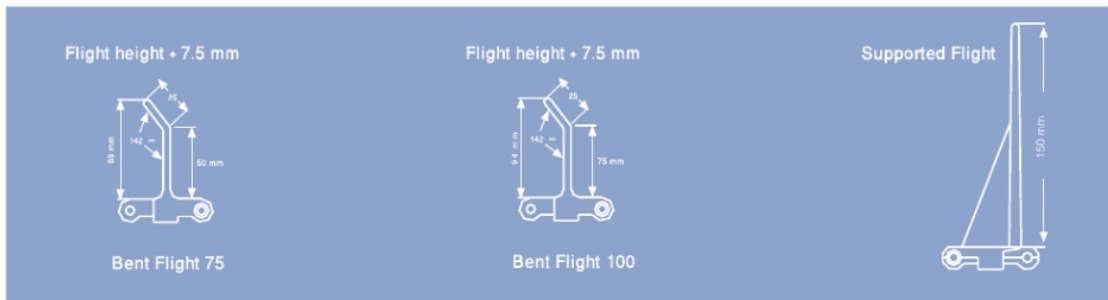
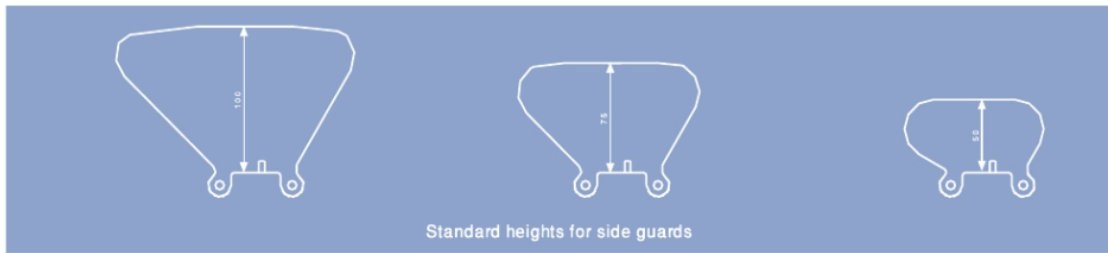
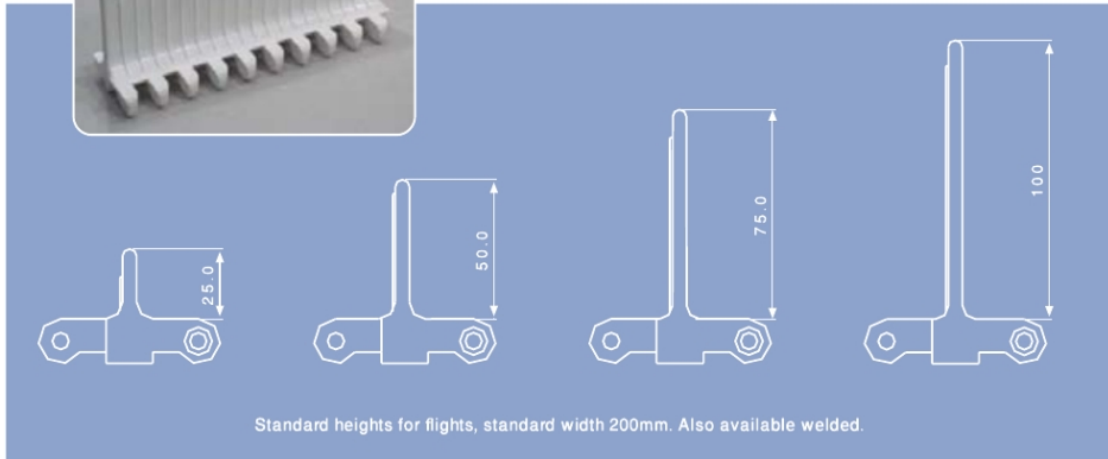
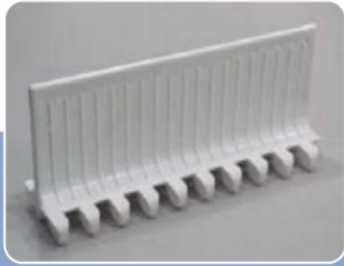


Standard heights on flights



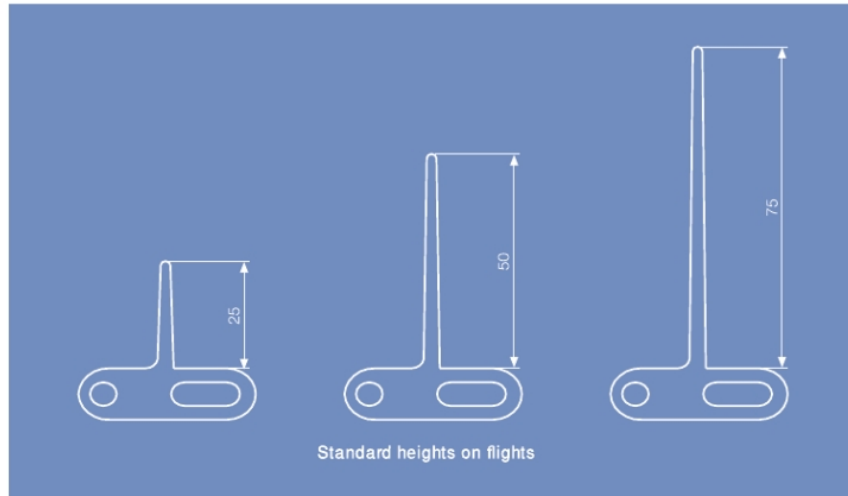


FLIGHTS 50



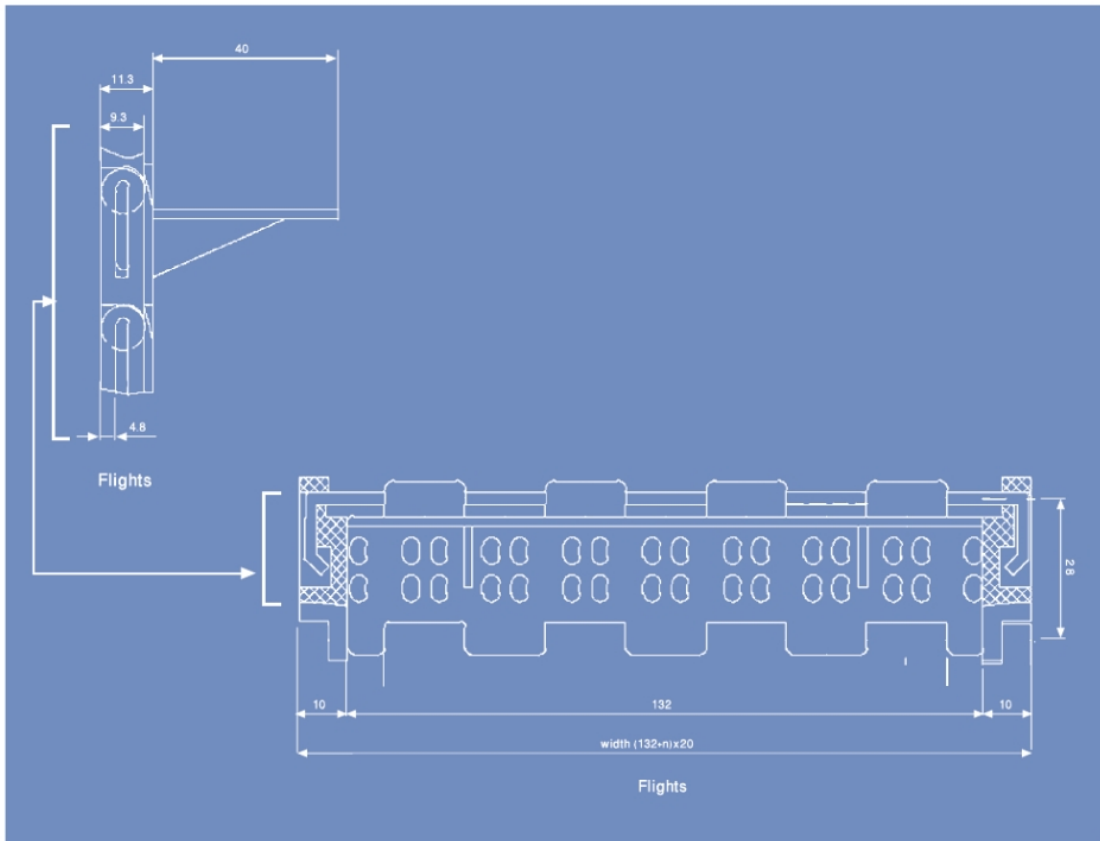
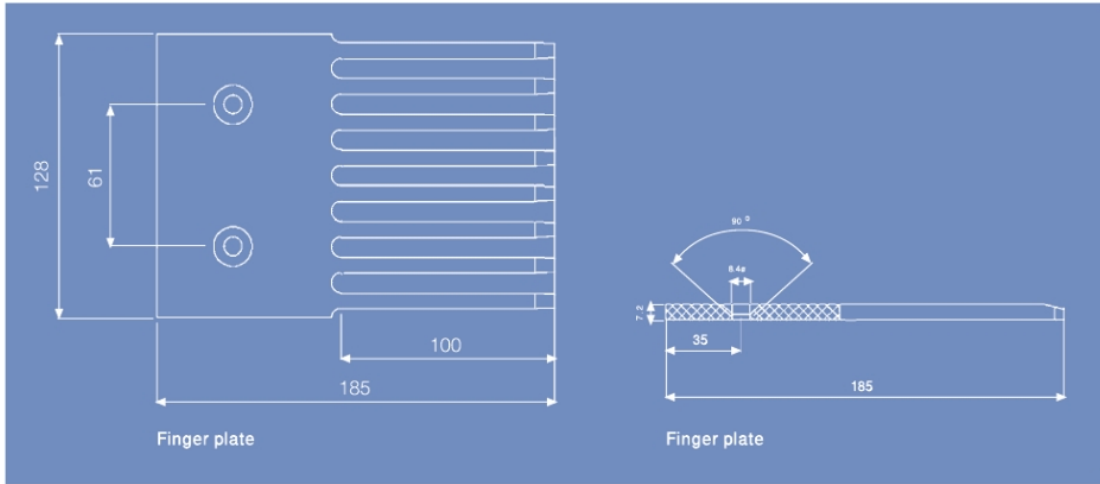


FLIGHTS AVAILABLE FOR S-100



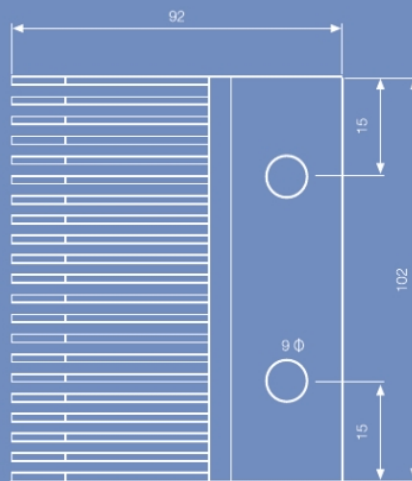
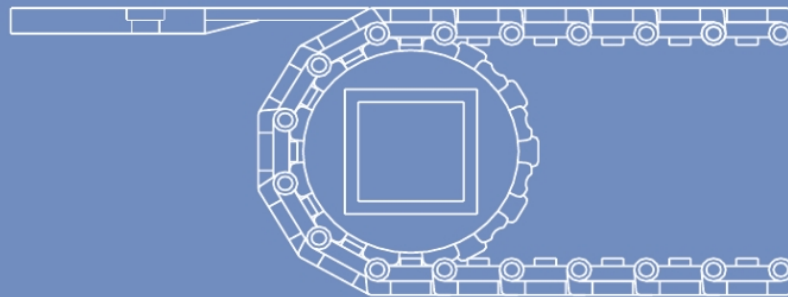
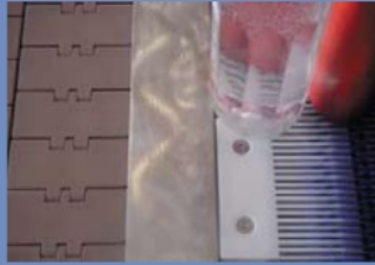
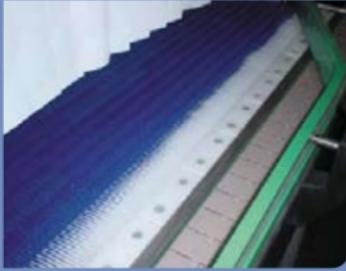


FLIGHT & FINGER PLATE LAPORTA





FINGER TRANSFER PLATES (25)





MATERIAL DESCRIPTION

POLYETHYLENE PE

Thermal plastic with a weight mass of approx. 0.92. grams/cm³.
 Suitable for use in cold areas.
 emperature range from -73C to +66C.
 High chemical resistance.
 FDA approved.
 Tough yet flexible material with a high impact strength.

POLYPROPYLENE PP

Thermal plastic with a weight mass of approx. 0.92 grams/cm³.
 Suitable for use in higher temperature areas.
 Temperature range from +5C to +100C.
 High chemical resistance.
 FDA approved.
 A strong material with a medium tensile strength, low impact strength at low temperatures.

POLYPROPYLENE with 10% TALCUM

Thermal plastic with a weight mass of approx. 0.98 grams/cm³.
 Suitable for use in high temperature areas.
 temperature range from +40C to 130C.
 High chemical resistance.
 FDA approved.
 Medium tensile strength, low impact strength at low temperatures.

POLYACETAL (POM)

Thermal plastic wuth a weight mass of approx. 1.4 grams/cm³.
 Suitable for use in both warm and cold areas.
 Temperature range from -43C to +95C.
 Has a limited resistance to certain chemicals.FDA approved.
 Consistently stable material with a high tensile strength.
 Low friction between belt and support.
 Low impact resistance at low temperatures.

SILICONE & TEFLON MATERIAL

An additive added to polyethylene and polypropylene.
 This material prevents products from freezing or sticking to the belt.
 FDA approved.
 The characteristics of the basic material are not changed essentially.



THERMAL EXPANSION/CONTRACTION

All types of materials change dimensions when the temperature changes

Therefore you have to take this into consideration, when calculating a belt's dimension and frame construction.

Below are the relevant factors for calculating a NGB conveyor belt.

MATERIAL EXTANSION/CONTRACTION

Material		Extension/contraction mm/m/C
Belt		
Polypropylene	PP	0.12
Polyethylene	PE	0.22
Polyacetal	POM	0.09
Sliding profile		
U and V profile	PE 1000	0.14
Frame material		
Aluminium		0.02
Stainless steel		0.01

FORMULA

$$E = L \times (T2 - T1) \times K$$

$$C = L \times (T2 - T1) \times K$$

E = Extension (mm)

C = Contraction (mm)

L = Length/width of belt (m)

T1 = Normal temperature (21 C)

T2 = Working temperature

K = Coefficient

EXAMPLE

17 MT. long 1345 mm wide PP Normal temp.21C Working temp. 85C.

$$\text{Length: } E = 17 \times (85 - 21) \times 0.12$$

$$E = 130.56 \text{ mm}$$

$$\text{Width: } E = 1.345 \times (85 - 21) \times 0.12$$

$$E = 10.33 \text{ mm}$$



SERVICE FACTOR (SF)

No load starts & load applied gradually	1.0
Frequent starts under load, more than 1/hr	+0.2
Belt speed greater than 30 mtr./min.	+0.2
Elevating conveyors	+0.4
Pusher conveyors	+0.2

COEFFICIENT OF START-UP FRICTION BETWEEN WEARSTRIP AND BELT

Wearstrip material	Belt material							
	Polypropylene				Polyethylene		Acetal POM	
	Smooth		Abrasive		Smooth		Smooth	
	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry
PEHD	0.09	0.11	-	-	-	-	0.08	0.09
Steel	0.26	0.26	0.31	0.31	0.14	0.15	0.18	0.19

COEFFICIENT OF FRICTION BETWEEN PRODUCT AND BELT

Material	Polypropylene		Polyethylene		Acetal POM	
	Smooth		Smooth		Smooth	
	Wet	Dry	Wet	Dry	Wet	Dry
Glass	0.18	0.19	0.08	0.09	0.13	0.14
Metal	0.26	0.32	0.10	0.13	0.19	0.20
Plastic	0.11	0.17	0.08	0.08	0.13	0.15
Cardboard	-	0.21	-	0.15	-	0.13



THE CHEMICAL RESISTANCE OF PLASTIC MATERIALS

The values in the following tables are guideline values. Factors such as filling material, temperatures, concentrations, stress, stress time etc. can alter these values dramatically. Therefore no guarantee can be given for the correctness of said values. The values are valid at an ambient temperature of 20 °C, and unless otherwise stated, with strong concentrations.

PLASTIC MATERIAL

Vehicle	%	POM	PE	PP	
Acetaldehyde	40	+	+	+	
Acetic acid	10	+/-	+	+	
Acetic acid	80	-	+	+	
Acetone	100	+	+	+	
Alcohol		+	+	+	
Allyl alcohol	100	+	+	+	
Aluminium chloride	10	+	+	+	
Ammonia water	10	+	+	+	
Ammonium chloride		+	+	+	
Aniline	100	+	+	+	
Benzene	100	+	+	-	
Benzyl alcohol	100	+	+	+	
Boiled salt-					
cf. sodium chloride					
Boracic acid	10	+	+	+	
Bromine acid	50	-	+	+	
Batanol	100	+	+	+	
Butyl acetate	100	+	+	-	
Calcium carbonate		+	+	+	
Calcium chloride -					
aqueous	10	+	+	+	
Calcium chloride -					
with sprit	20	+	+	+	
Calcium hydroxide		+	+	+	
Calcium carbonate -					
Carbon dioxide		+	+	+	
Caustic potash soln	10	+	+	+	
Caustic potash soln	50	+	+	+	
Cellulose acetate		+	+	+	
Citric acid	10	+	+	+	
Chalk cf. -					
carbon disulphide	100	+	+	+	
Chlorine gas	100	-	+	-	
Chlorine water		-	+	+	
Chloro-benzene	100	+	+	+	
Chloroform	100	-	-	+	
Chrome acid	10	-	-	+	

EXPLANATION OF SYMBOLS

+ resistant
None or only negligible in weight (<0.5%)
No changes in mechanical characteristics.

+/- qualified resistance
After a period of time, significant changes in weight and mass (0.5 - 5.0%).
Possible discoloration and reduction in strength and ductility.
Qualified usability, though only when dealing with simple material requirements.

- inconstant
It is rapidly subjected to serious attack, and changes in weight and mass (>5%), and critical in strength and ductility. Not recommended for use.

% concentration
If value is given it is because no test results are available from our suppliers.



PLASTIC BELTS

MATERIALS

Vehicle	%	POM	PE	PP
Copper chloride		+	+	+
Copper sulphate		+	+	+
Diesel fuel	100	+	+	+
Dioxane	100	+/-	+	+/-
Di -vinyl chloride	100	+	+	+
Edible oil		+	+	+
Ethyl acetate	100	+	+	+
Ethyl alcohol	96	+	+	+
Ethyl ether	100	+	+	+
Formaldehyde - fluorine, dry		-	-	-
Freon 11		+	+	-
Freon 12			+	-
Freon 22			+	-
Freon 113			+	-
Glycerol	90	+	+	+
Heptane	100	+	+	+
Hexane	100	+	+	+
Hydrargyrum	100	+	+	+
Hydrochloric acid	10	-	+	+
Hydrochloride acid	2	-	+	+
Hydrofluoric acid	40	-	+	+
Hydrogen peroxide	0.5	+	+	+
Hydrogen peroxide	1	+	+	+
Hydrogen peroxide	3	+	+	+
Hydrogen peroxide	10	+	+	+
Hydrogen peroxide	30		+	+
Hydrogen sulphide	2	-	+	+
Iodine/iodine - pot- iron - 111 - chloride		+	+	+
Isopropanol	90	+	+	+
Kerosene	100	+	+	+
Lactic acid	10	+	+	+
Leaching solution - 0.1% free chlorine		-	+	+
Lead sugar		+	+	+
Liquid butane		+	+	+
Magbesium chloride - aqueous	10	+	+	+
Manganese sulphate	10	+	+	+
Mercury chloride - aqueous	5	+	+	+
Methanol	98	+	+	+
Metal acetate	100	+	+	+
Methyl ethyl ketone	100	+	+	+
Methylene chloride	100	-	+	+

Vehicle	%	POM	PE	PP
Mineral oil	100	+	+	+
Nitric acid	10	-	+	+
Nitric acid - concentrated	65	-	+	-
Nitrobenzene	100	+	+	+
Oleic acid - concentrated	40	+	+	+
Oleic acid	10	-	+	+
Ozone		-	+	+
Petrol		+	+	+
Phenol, melted	100	-	+	+
Phenol, aqueous	10	-	+	+
Phosphoric acid	10	+	+	+
Phosphoric acid - concentrated	80	-	+	+
Potassium	10	+	+	+
Pot. Bichromate	5		+	+
Pot. Permanganate	1	+	+	+
Salt cake - CF sodium sulphate				
Sea water	100	+	+	+
Silicone oil		+	+	+
Soap solution	1	+	+	+
Soda ive, aqueous	50	+	+	+
Soda ive, aqueous	10	+	+	+
Soda - cf. sodium carbonate				
Sodium bisulphate				
Sodium carbonate	10	-	+	+
Sodium hydroxide - cf/ soda ive	10	+	+	+
Sodium sulphate				
Solution	10	+	+	+
Sulpher dioxide	3		+	+
Sulphric acid		+	+	+
Sulphuric acid	98	-	-	-
Sulphuric fuming	10	+	+	+
Terachlorocarbon		-	-	-
Tetraline	100	+	-	-
Thionyl chloride	100	+	+	+
Toluene	100	+	-	-
Trichloroethylene	100	+	+	+
Vinyl benzene	100	+	-	+
W ater, cold	100	+	+	+
Wine		+	+	+
W ax , melted		+	+	+



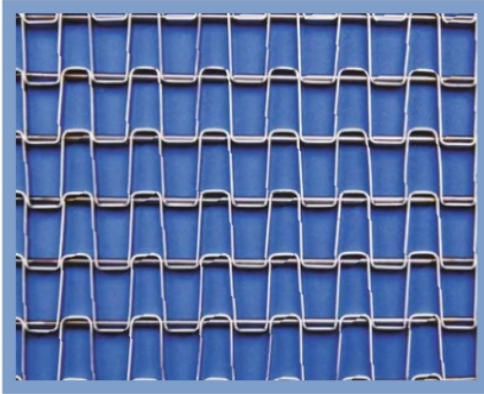


STAINLESS STEEL BELTS





GBSS-101



- ➔ Belt Surface: Open.
- ➔ Open Area: 62%, 16x25.
- ➔ Strength: Medium & heavy application.
- ➔ Material: Stainless steel 304/316.
- ➔ Accessories: flights.
- ➔ Application: Bakery, packaging, vegetables, washing, cooling & freezing.
- ➔ Width interval: 33 mm.

Standard measure of the belt

- 84
- 115
- 146
- 176
- 207
- 238
- 269
- 299
- 330
- 361
- 392
- 422
- 453
- 484
- 515
- 546
- 576
- 607
- 638
- 669
- 700
- 730
- 761
- 792
- 823
- 854
- 885
- 915
- 946
- 977
- 1008
- 1038
- 1069
- 1100
- 1130
- 1162
- 1192
- 1223
- 1251
- 1285
- 1316
- 1346
- 1377
- 1408
- 1439
- 1470
- 1500
- 1531
- 1562
- 1593
- 1624
- 1654
- 1685
- 1716
- 1747
- 1778
- 1808
- 1870
- 1900
- 1932
- 1962
- 1993
- 2024
- 2055
- 2086
- 2147
- 2178
- 2209
- 2240
- 2270
- 2301
- 2332
- 2363
- 2394
- 2424
- 2455
- 2486
- 2517

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
	55	
	60	

bore available in inch size

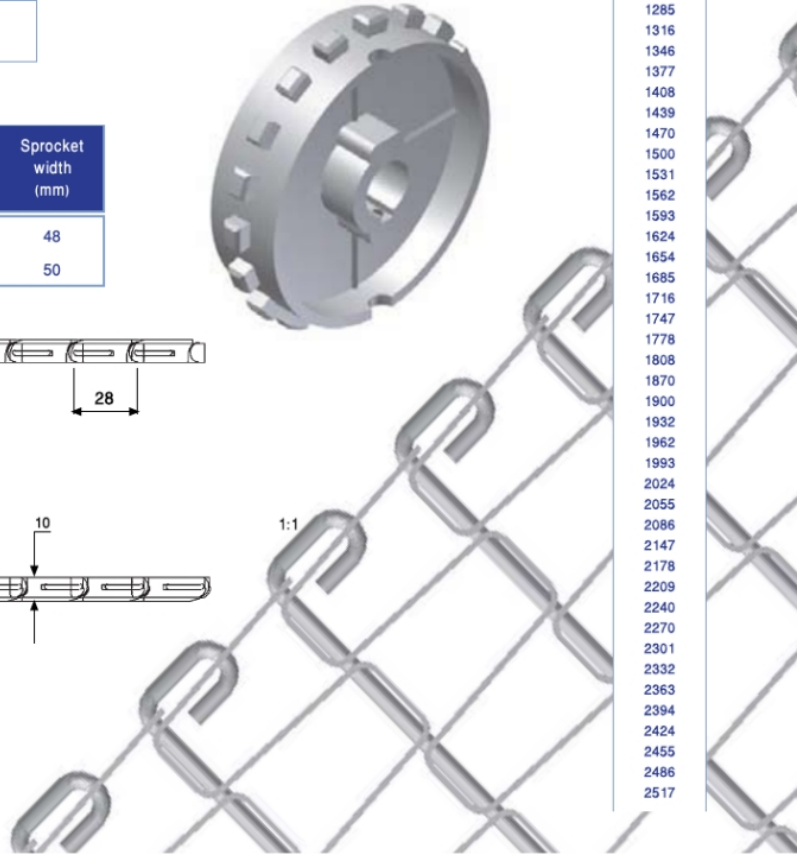
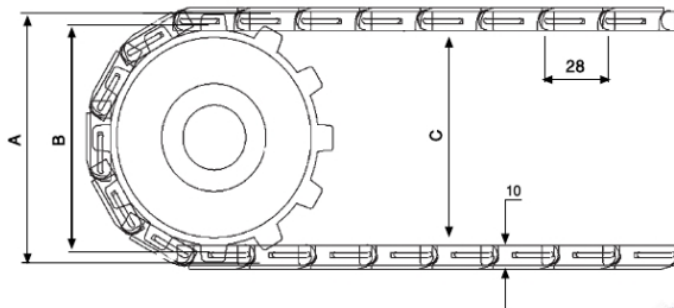


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Stainless steel	4000	9.0

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	119.8	109.8	99.8	48
18	170.0	160.0	150	50

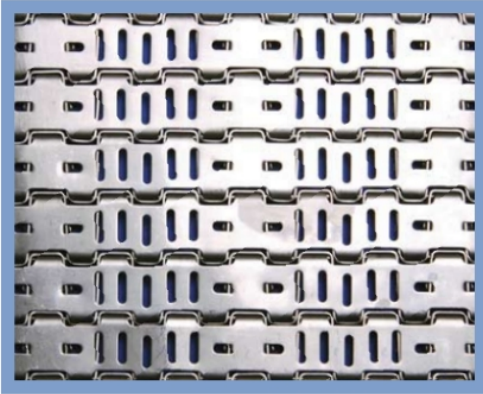




STAINLESS STEEL BELTS

LAPORTA

GBSS-102



- ➔ Belt Surface: Perforated.
- ➔ Open Area: 20%.
- ➔ Strength: Medium & heavy application.
- ➔ Material: Stainless steel 304/316.
- ➔ Accessories: flights.
- ➔ Application: Packaging.
- ➔ Width interval: 33 mm.

Standard measure of the belt

- 84
- 115
- 146
- 176
- 207
- 238
- 269
- 299
- 330
- 361
- 392
- 422
- 453
- 484
- 515
- 546
- 576
- 607
- 638
- 669
- 700
- 730
- 761
- 792
- 823
- 854
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- 915
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- 1008
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- 1100
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- 1223
- 1251
- 1285
- 1316
- 1346
- 1377
- 1408
- 1439
- 1470
- 1500
- 1531
- 1562
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- 1654
- 1685
- 1716
- 1747
- 1778
- 1808
- 1870
- 1900
- 1932
- 1962
- 1993
- 2024
- 2055
- 2086
- 2147
- 2178
- 2209
- 2240
- 2270
- 2301
- 2332
- 2363
- 2394
- 2424
- 2455
- 2486
- 2517

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
		55
		60

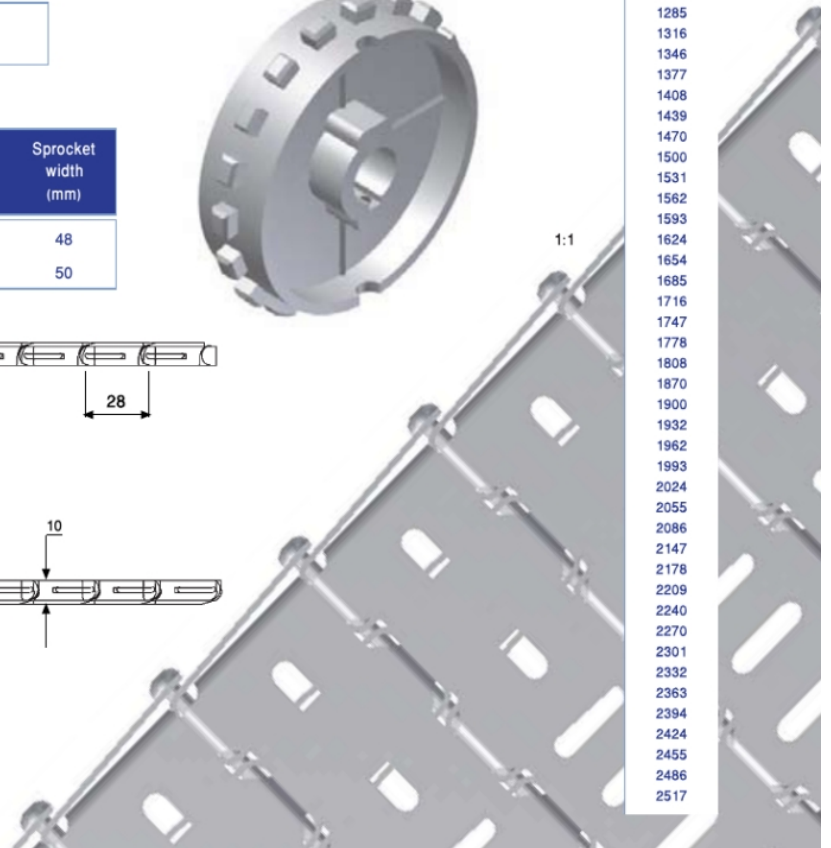
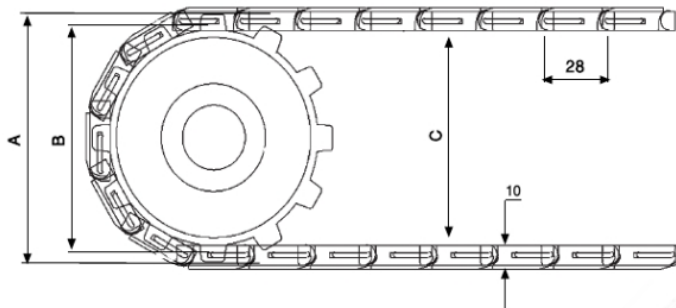
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Stainless steel	4000	11.0

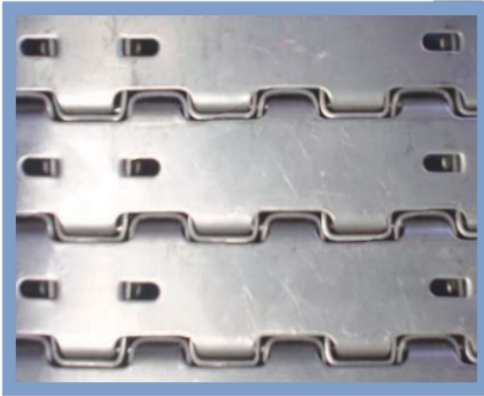
SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	119.8	109.8	99.8	48
18	170.0	160.0	150	50





GBSS-103



- ➔ Belt Surface: Perforated.
- ➔ Open Area: 10 %.
- ➔ Strength: Medium & heavy application.
- ➔ Material: Stainless steel 304/316.
- ➔ Accessories: flights.
- ➔ Application: Packaging, fruit & vegetables, washing.
- ➔ Width interval: 33 mm.

Standard measure of the belt
84
115
146
176
207
238
269
299
330
361
392
422
453
484
515
546
576
607
638
669
700
730
761
792
823
854
885
915
946
977
1008
1038
1069
1100
1130
1162
1192
1223
1251
1285
1316
1346
1377
1408
1439
1470
1500
1531
1562
1593
1624
1654
1685
1716
1747
1778
1808
1870
1900
1932
1962
1993
2024
2055
2086
2147
2178
2209
2240
2270
2301
2332
2363
2394
2424
2455
2486
2517



HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
	55	
	60	

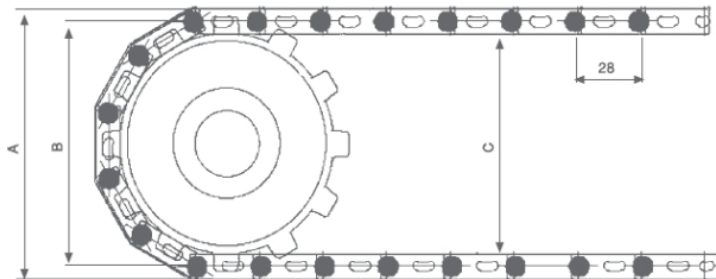
bore available in inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Stainless steel	4000	13.5

SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	121.8	109.8	99.8	48
18	172.0	160.0	150	50



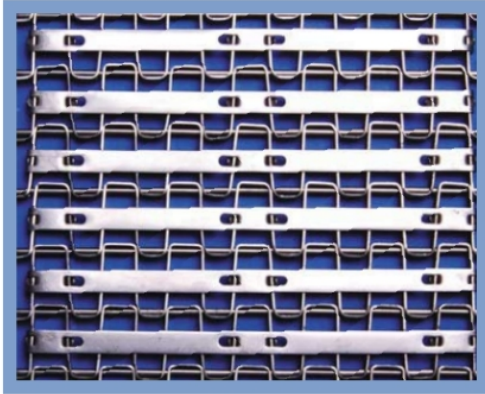
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STAINLESS STEEL BELTS

LAPORTA

GBSS-104



- ➔ Belt Surface: Open.
- ➔ Open Area: 30%.
- ➔ Strength: Medium & heavy application.
- ➔ Material: Stainless steel 304/316.
- ➔ Accessories: flights.
- ➔ Application: Packaging, fruit & vegetables, washing.
- ➔ Width interval: 33 mm.

Standard measure of the belt

- 84
- 115
- 146
- 176
- 207
- 238
- 269
- 299
- 330
- 361
- 392
- 422
- 453
- 484
- 515
- 546
- 576
- 607
- 638
- 669
- 700
- 730
- 761
- 792
- 823
- 854
- 855
- 915
- 946
- 977
- 1008
- 1038
- 1069
- 1100
- 1130
- 1162
- 1192
- 1223
- 1251
- 1285
- 1316
- 1346
- 1377
- 1408
- 1439
- 1470
- 1500
- 1531
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- 1593
- 1624
- 1654
- 1685
- 1716
- 1747
- 1778
- 1808
- 1870
- 1900
- 1932
- 1962
- 1993
- 2024
- 2055
- 2086
- 2147
- 2178
- 2209
- 2240
- 2270
- 2301
- 2332
- 2363
- 2394
- 2424
- 2455
- 2486
- 2517

HUB SPECIFICATION

	Number of teeth	
	12Z	18Z
Round bore (mm)	20	30
	25	35
	30	40
	35	45
		50
		55
		60

bore available in inch size

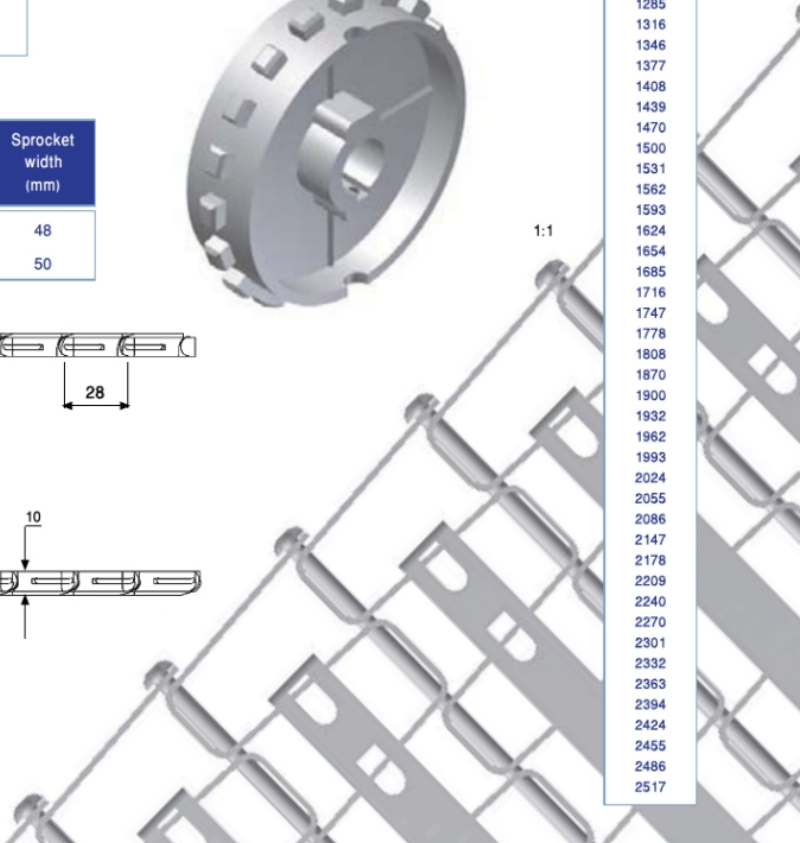
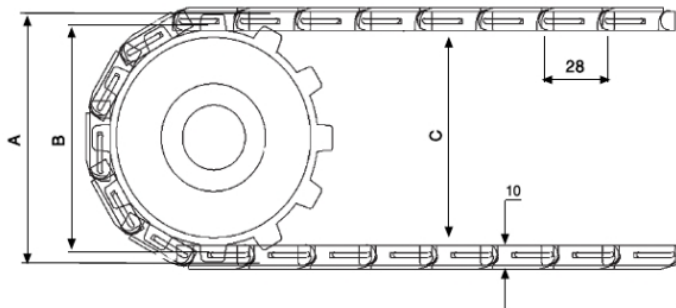


BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Stainless steel	4000	11.2

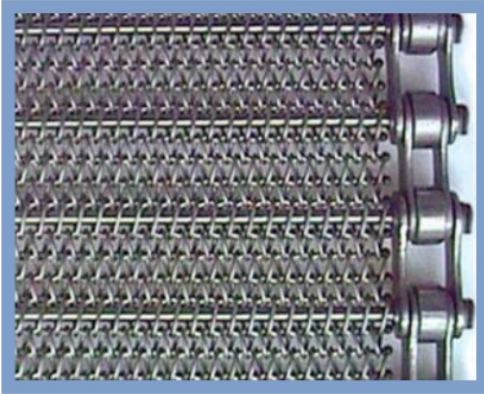
SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
12	121.8	109.8	99.8	48
18	172.0	160.0	150	50

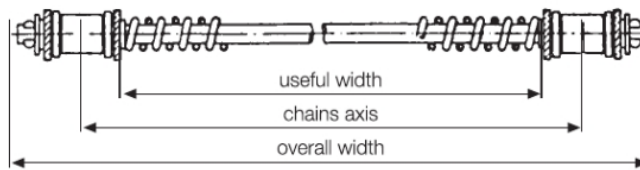
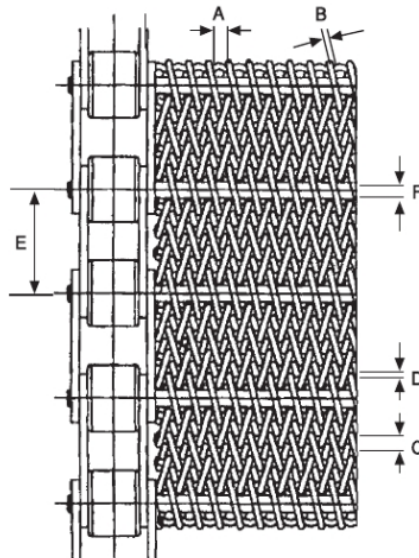




WB-CHAINS



Processes with all present such as industrial deep fryers.
 Drying and baking ovens for foodstuffs such as fruit, vegetables, canned food, dried fruit, etc. Incline conveyors.
 Surface finishing installations such as degreasing, painting, varnishing, etc.
 Equipment for shrink-wrap packaging of large products.



- STEEL
- STAINLESS STEEL

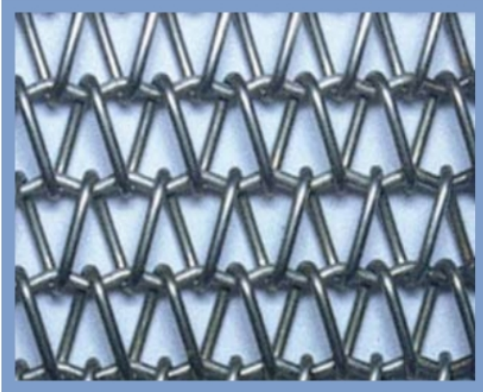
AVAILABLE WITH ALL KIND OF CHAINS



STAINLESS STEEL BELTS

WIRED BELTS

WB-6

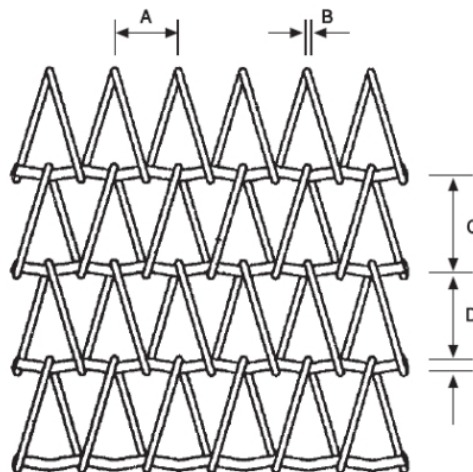


➔ Application:

Bread and pastry baking ovens. (bread, biscuits, fairy cakes, etc.)

Sterilization and pasteurization processes along with cleaning and washing of fruit, vegetables and canned food.

Heat treatment of components such as annealing, normalizing, tempering and drying. Metal powder sintering processes. Equipment for shrink-wrap packing. Transporting tools with cutting ed.

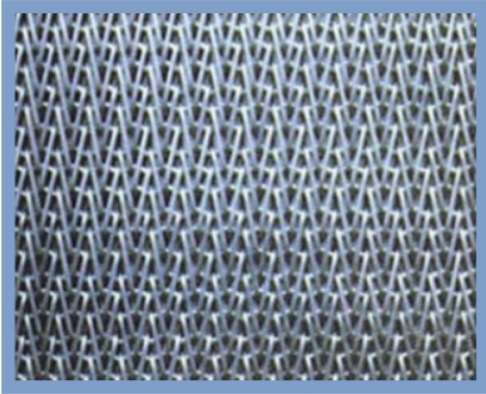


STEEL

STAINLESS STEEL



WB-8



➔ Application:

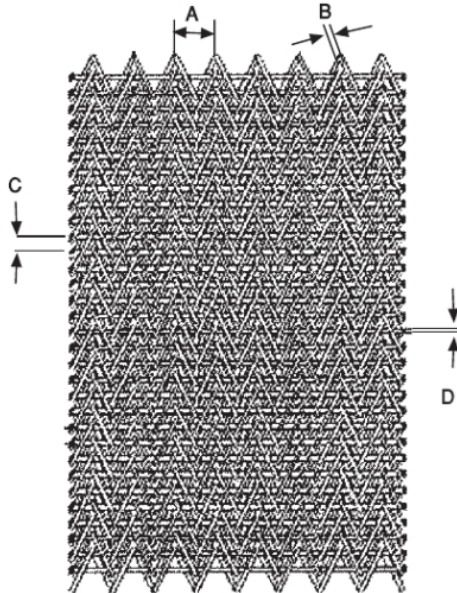
Bread and pastry baking ovens. (bread, biscuits, fairy cakes, etc.)

Animal food manufacturing processes.

Heat treatment of screws and pieces of medromized little parts.

Wax industry or other bead-shaped products.

Pharmaceuticals and cosmetics.



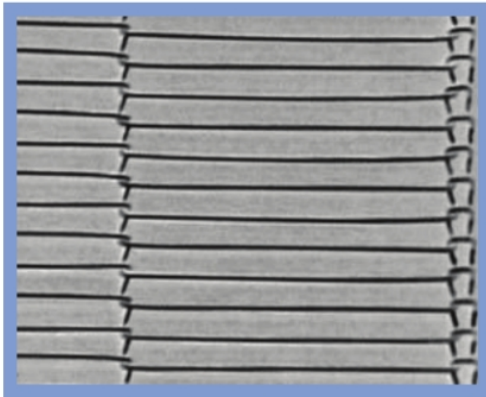
- STEEL
- STAINLESS STEEL



STAINLESS STEEL BELTS

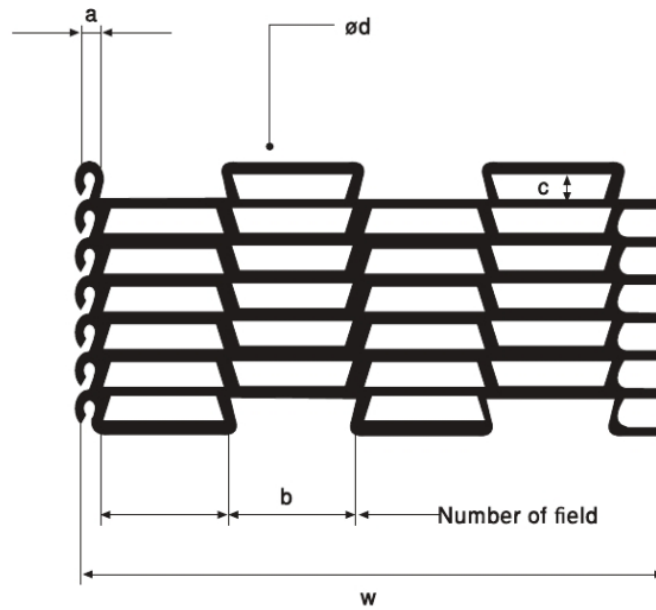
WIRED BELTS

WB-10



➔ Application:

Chocolate topping
 Dryers (meat and snacks)
 Bread and pastry baking ovens.
 (bread, biscuits, fairy cakes, etc.)
 Food manufacturing processes.



STAINLESS STEEL





COMPONENTS

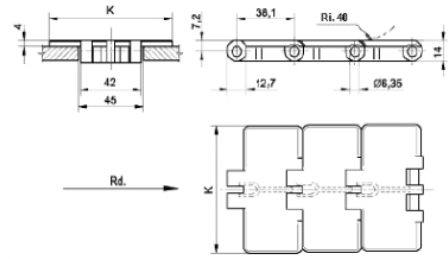




LF 820 T=4mm / LF 831 T=5mm

Chain No.	Width K mm	GC Straight Curve mm	Working load KN (max)
LF 820-K250	63.5	44.5	1.23
LF 820-K325/831	82.6		
LF 820-K400	101.6		
LF 820-K450	114.3		
LF 820-K600	152.4		
LF 820-K750	190.5		

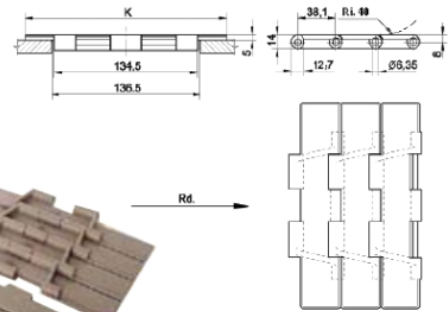
Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)



LF 821 (HEAVY DUTY)

Chain No.	Width K mm	Working load KN (max)
LF821-K750	190.5	2.6
LF821-K1000	254	
LF821-K1200	304.8	

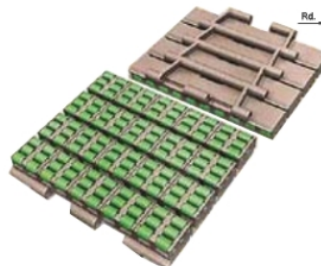
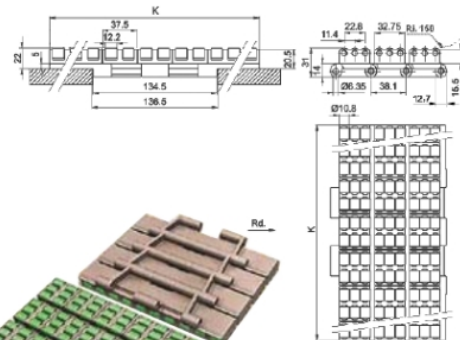
Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)



LF RO821 / RO831

Chain No.	Width K mm	GC Straight Curve mm		Working load KN (max)
		Min	Max	
LF RO831-K325	190.5	42.5	44.5	2.6
LF RO821-K750	82.6			

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)

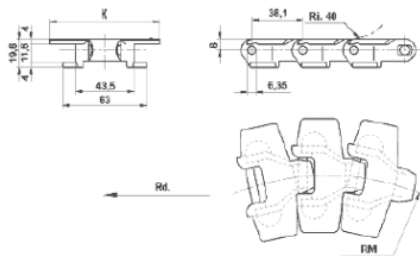
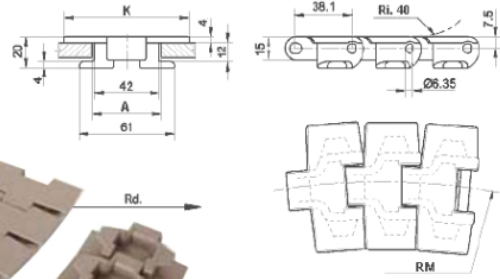




LF 880TAB

Chain No.	Width K mm	Radius Min R mm	GC Straight Curve mm		Working load KN (max)
			Min	Max	
LF 880TAB-K325	82.6	460	44.2	56	2
LF 880TAB-K450	114.6	500			

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)



LF 880BS TAB

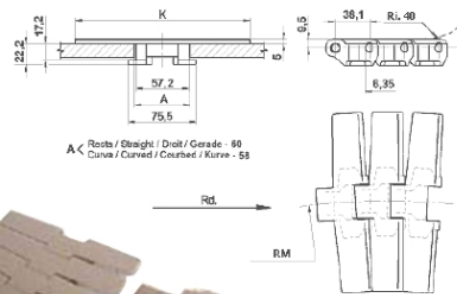
Chain No.	Width K mm	Radius Min R mm	GC Straight Curve mm		Working load KN (max)
			Min	Max	
LF 880BSTAB-K325	82.6	200	44.2	46	1.7

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)

LF 882TAB

Chain No.	Width K mm	Radius Min R mm	GC Straight Curve mm		Working load KN (max)
			Min	Max	
LF 882TAB-K750	190.5	610	61.9	58	2.6
LF 882TAB-K1000	254				
LF 882TAB-K1200	304.8				

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)

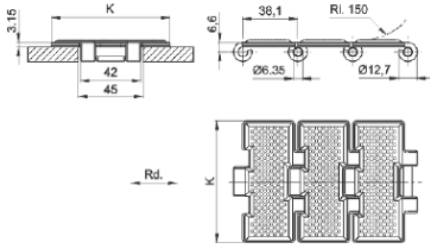




SS815

Chain No.	Width K mm	T mm		D mm		Working load KN (max)	
		GB	ISO	GB	ISO	304	430/2Cr13
SS815-K325	82.6						
SS815-K350	88.9						
SS815-K400	101.6						
SS815-K450	114.3	3	3.15	6	6.35	3.8	2.6
SS815-K600	152.4						
SS815-K750	190.5						

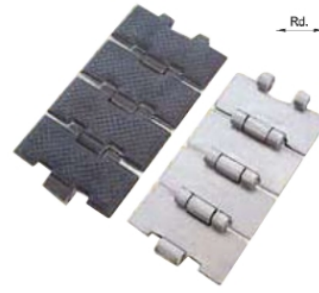
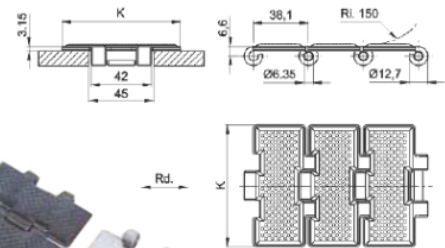
Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)



SSC815 G325 (RUBBER)

Chain No.	Width K mm	T mm		D mm	
		GB	ISO	GB	ISO
SSC815-G325	82.6	3	3.15	6	6.35

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)



SS881TAB

Chain No.	Width K mm	Radius R MIN	T mm		D mm		Working load KN (max)	
			GB	ISO	GB	ISO	304	430/2Cr13
SS881TAB-K325	82.6	460						
SS881TAB-K450	114.3	500						
SS881TAB-K600	152.4	500	3	3.15	6	6.35	3.5	44.2 46
SS881TAB-K750	190.5	500						

Material: LF Acetal Brown
 Pitch: 38.1 mm
 Standard length: 10 ft (3.048m)

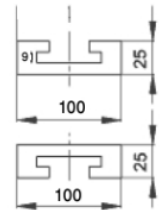
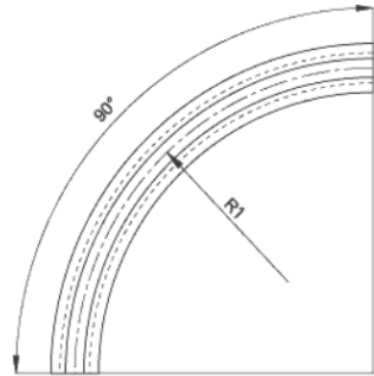
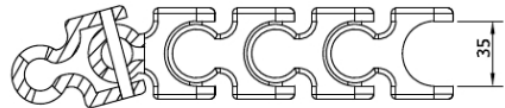
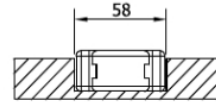
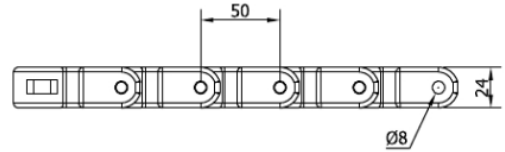


NGB

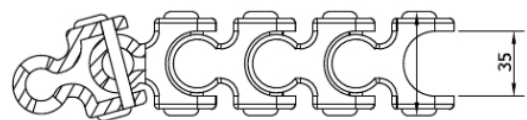
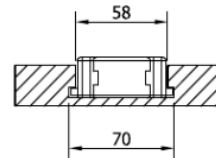
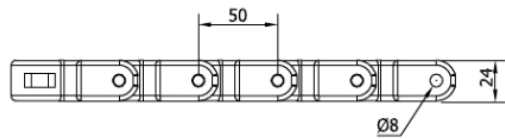
COMPONENTS



→ → 1700



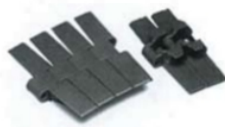
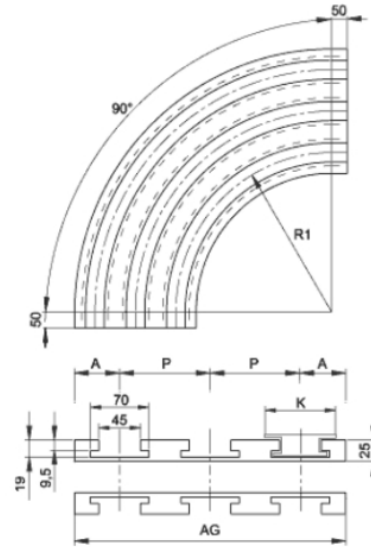
→ → 1700 TAB





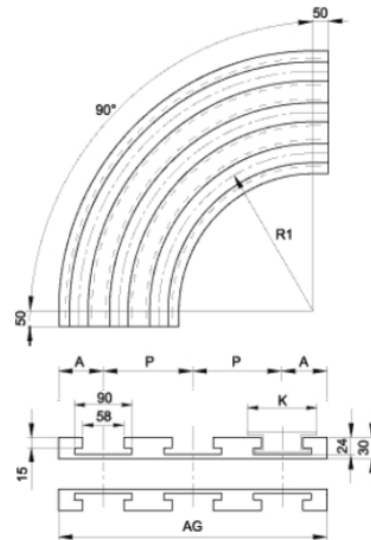
K 880TAB K SS881TAB

	K 325 82.6	K 450 114.3	K 750 190.5
R	500	610	610
A	50	65	100
P	90	120	196



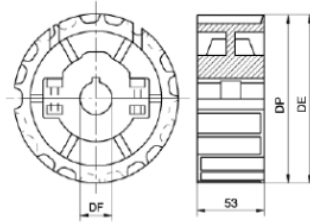
K 882TAB

	K 450 114.3	K 750 190.5
R	610	610
A	65	100
P	120	196



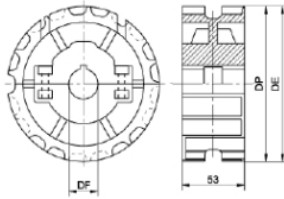


→ → 815



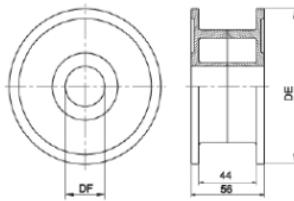
Code	Actual Teeth	Working Teeth	DP	DE	Bore	
					Min	Max
81521	21	10.5	129.26	129	25	35
81523	23	11	141.2	141	25	40
81525	25	12.5	153.2	153	25	40

→ → 820



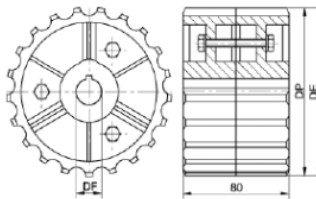
Code	Actual Teeth	Working Teeth	DP	DE	Bore	
					Min	Max
82019	19	10	117.3	117	25	25
82021	21	10.5	129.26	129	25	40
82023	23	11	141.2	141	25	40
82025	25	12.5	153.2	153	25	40

→ → IDLER 820/815



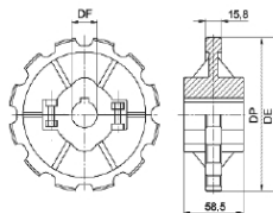
Code	Actual Teeth	DE	Bore	
			Min	Max
ID82019	19	117.3	20	25
ID82021	21	129.26	25	40
ID82023	23	141.2	25	40
ID82025	25	153.2	25	40

→ → 821



Code	Actual Teeth	Working Teeth	DP	DE	Bore	
					Min	Max
82117	17	8.5	105.47	104	25	35
82119	19	9.5	117.34	117	25	45
82121	21	10.5	129.26	129	25	45
82125	25	12.5	153.2	153	25	50
82127	27	13.5	165.21	165	30	55

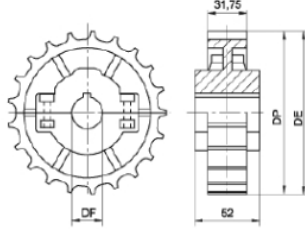
→ → 880



Code	Actual Teeth	Pitch Dia DP	Outer Dia DE	Bore	
				Min	Max
8808	8	99.56	96	25	25
88010	10	132.29	123	25	25
88011	11	135.23	135	25	25
88012	12	147.21	147	25	30

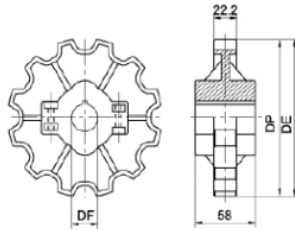


→ → 881



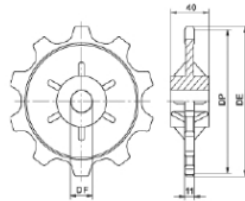
Code	Actual Teeth	Pitch Dia DP	Outer Dia DE	Bore	
				Min	Max
88121	21	129.26	129	25	40
88123	23	141.2	141	25	40
88125	25	153.2	153	25	40

→ → 882



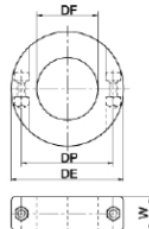
Code	Actual Teeth	Pitch Dia DP	Outer Dia DE	Bore	
				Min	Max
88212	12	148.5	147	30	40

→ → 1700



Code	Actual Teeth	Outer Dia DE	Bore	
			Min	Max
170010	10	165	25	40
170012	12	196		

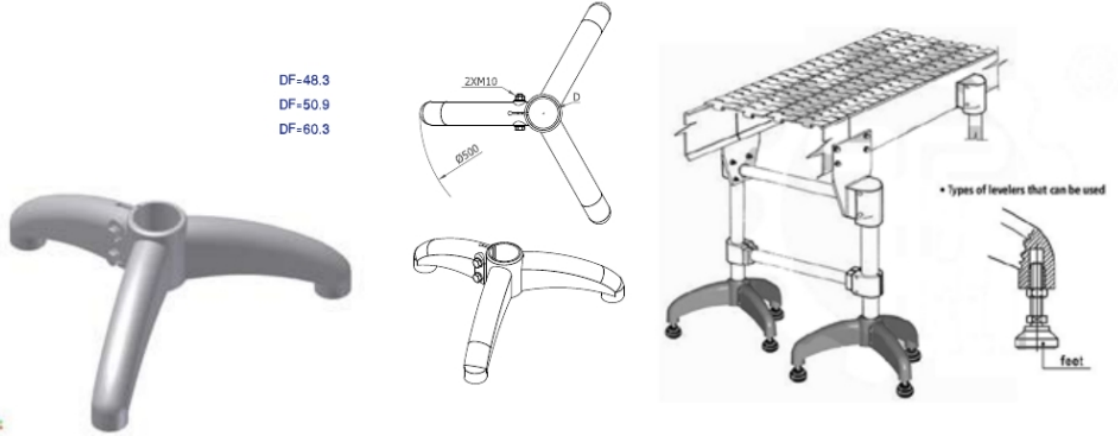
→ → 82353



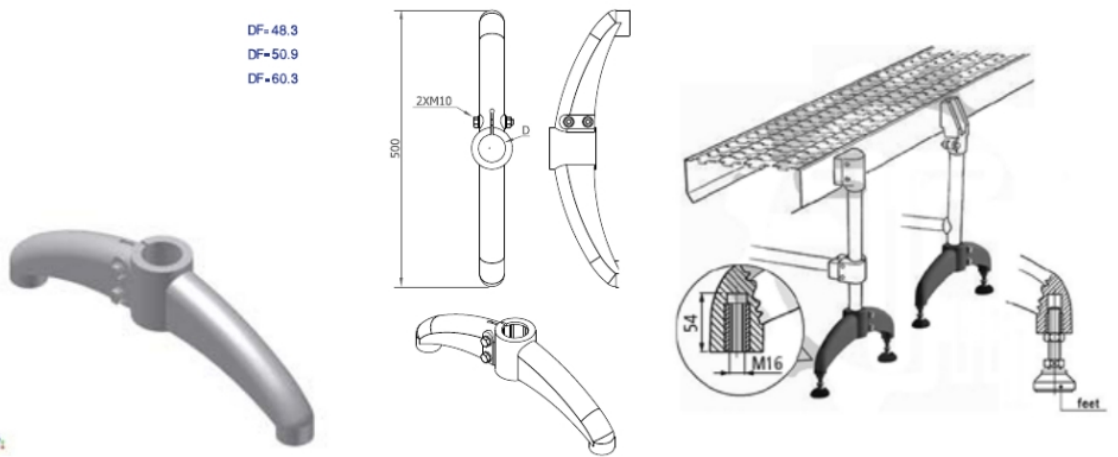
Code	W	DP	DE	Df
8235350	14	29	40	20
8235351	14	35	45	25
8235352	16	45	55	30
8235353	16	47	60	35
8235354	18	51	64	40

Available in inch size and also square

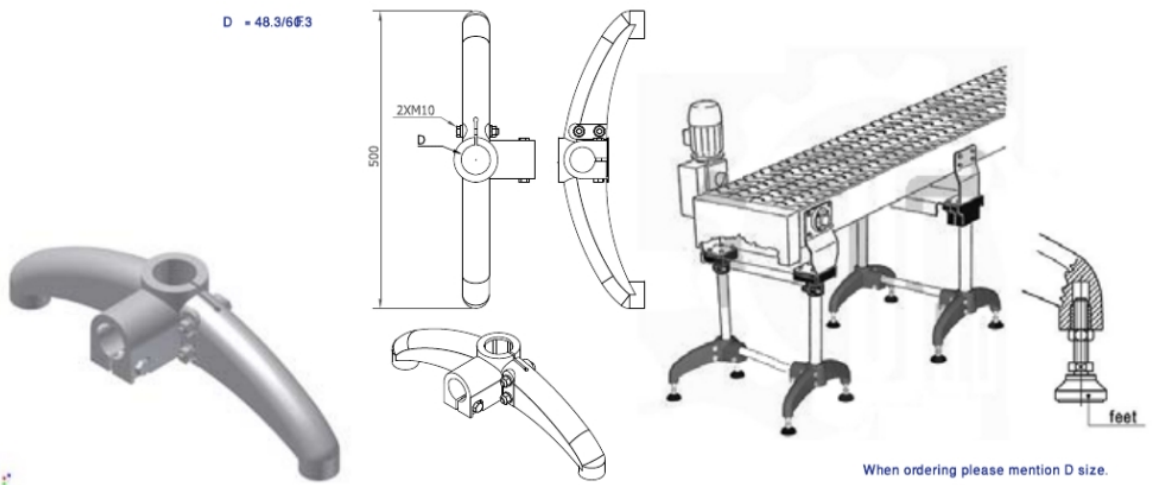
→ → N10



→ → N11



→ → N12

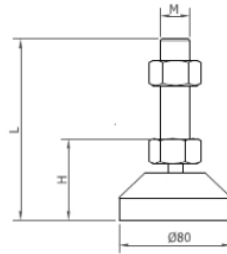
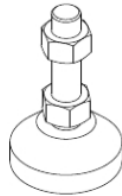




NGB

COMPONENTS

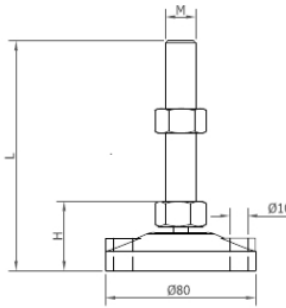
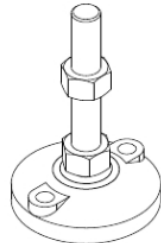
→ → N60



bore	screw	length
60	M10	50mm
	M12	100mm
	M16	150mm
	M16	200mm

Galvanized or Stainless steel

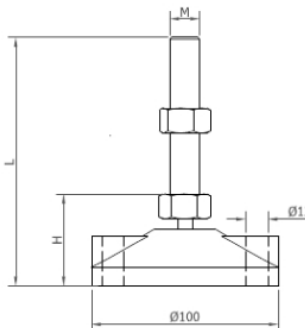
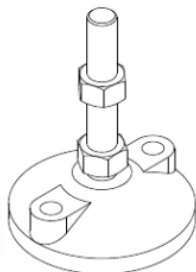
→ → N80



bore	screw	length
80	M16	50mm
	M16	100mm
	M20	150mm
	M20	200mm

Galvanized or Stainless steel

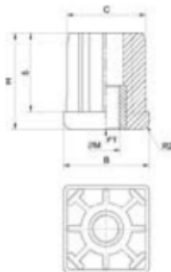
→ → N100



bore	screw	length
100	M16	50mm
	M20	100mm
	M24	150mm
	M24	200mm

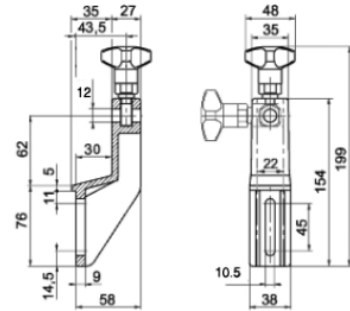
Galvanized or Stainless steel

→ → N14822



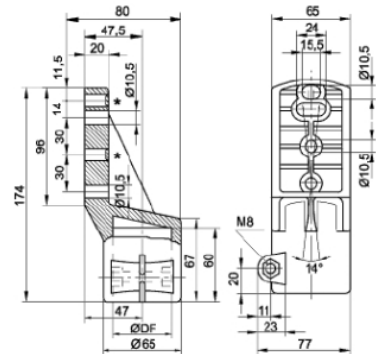
M	B	C	H	S	COD.
8	25	22,5	30	25	1482201
10					1482205
10	30	27,5	33	27	1482214
12					1482215
14					1482216
16					1482218
10	35	32,5	43	35	1482221
12					1482224
10	40	36,5	43	35	1482248
12					1482249
14					1482250
12	50	46,5	55	44	1482267
14					60
16	1482272				

→ → N8110095



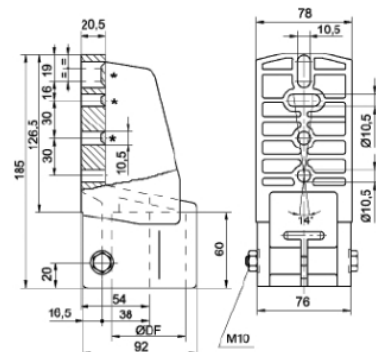
→ → N8330125 (48.3)

N8330126 (50.9)



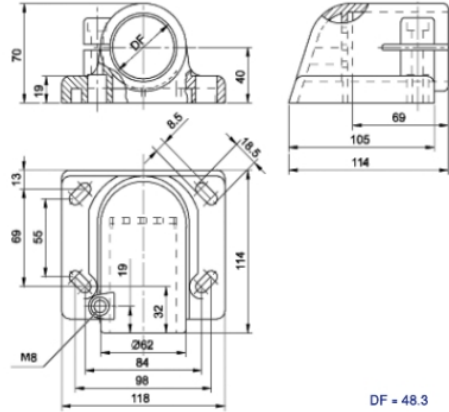
→ → N8330119 (48.3)

N8330126 (60.3)



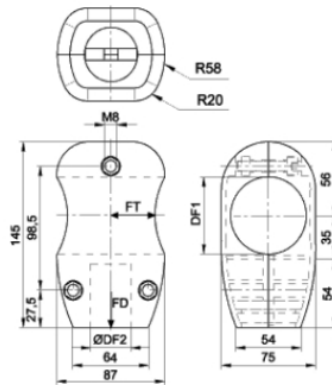


→ → N8330135



DF = 48.3

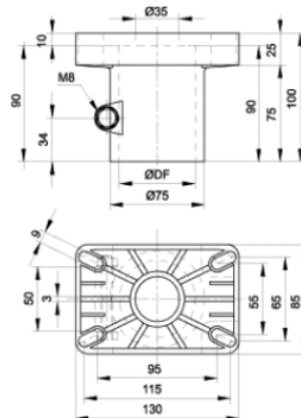
→ → N8330048 (48.3*42.4)
N8330050 (60.3*42.4)



DF1 = 42.4/48.3/60.3

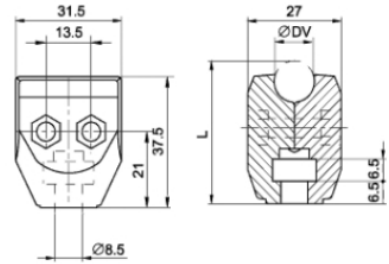
DF2 = 42.4

→ → N8330053 (48.3)
N8330054 (50.9)
N8330055 (60.3)

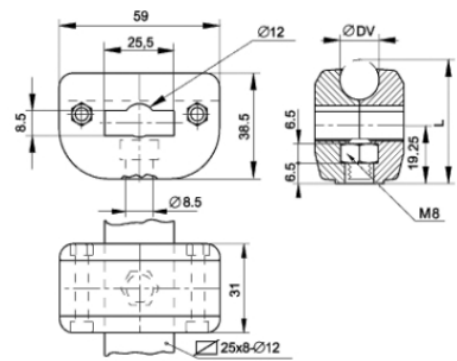


DF = 48.3/50.9/60.3

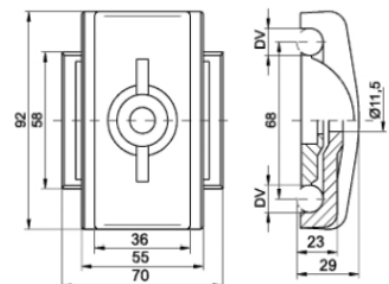
→ → N8210040



→ → N8210088



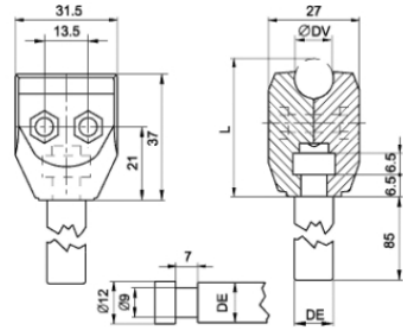
→ → N8210212



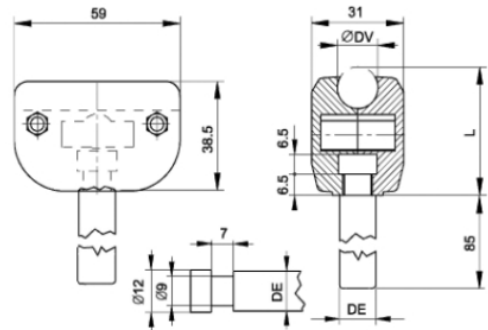


12

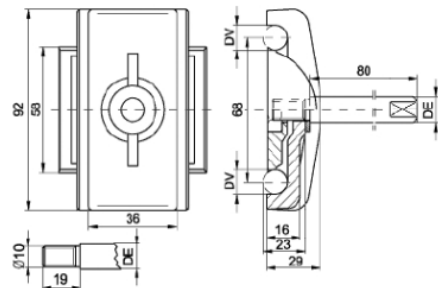
➔ ➔ N8240023

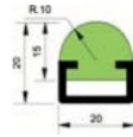


➔ ➔ N8240059

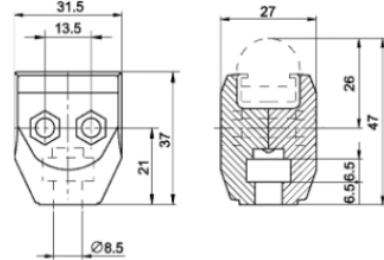


➔ ➔ N8240211

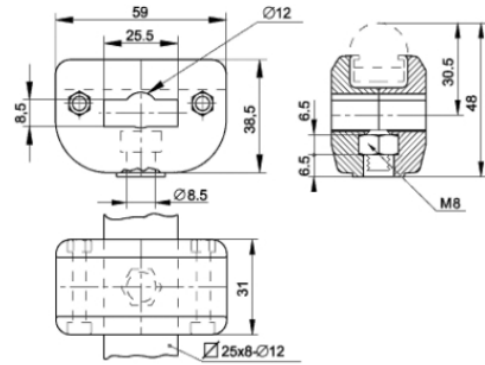




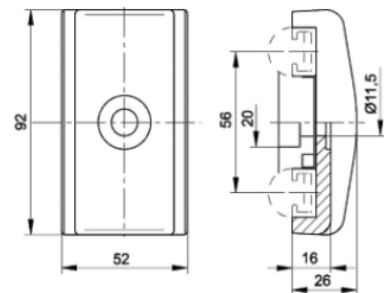
→ → N8210112



→ → N8210133



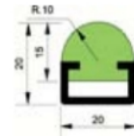
→ → N8210525



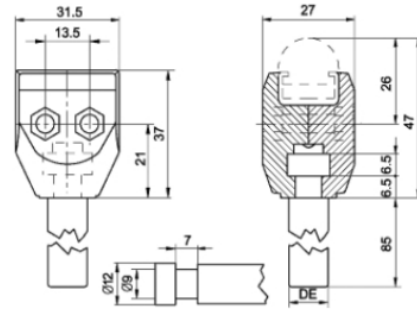


NGB

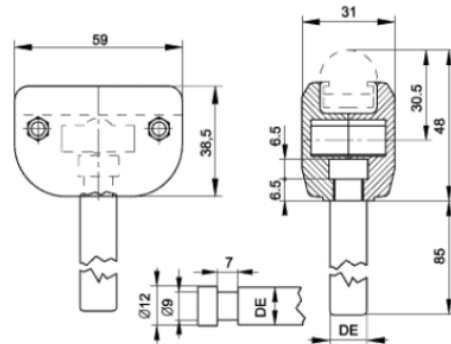
COMPONENTS



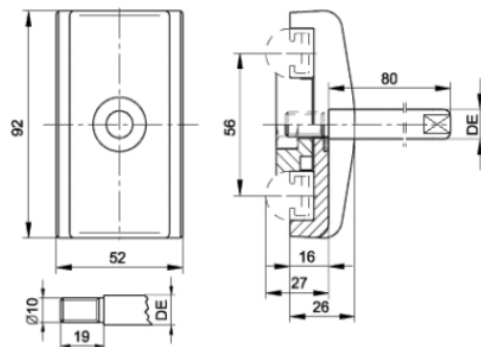
➔ ➔ N8240126

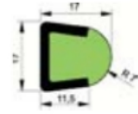


➔ ➔ N8240156

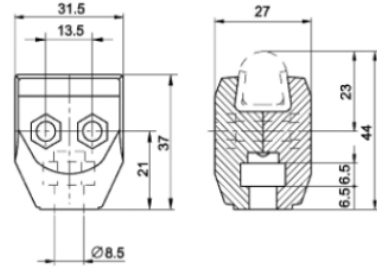


➔ ➔ N8240118

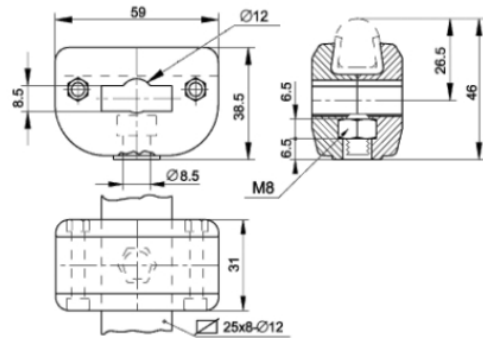




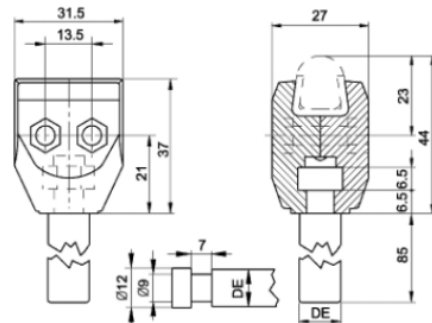
→ → N8210142



→ → N8210169



→ → N8210134



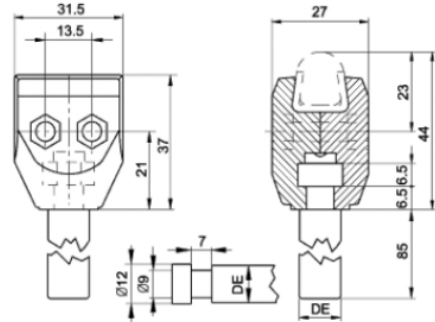


NGB

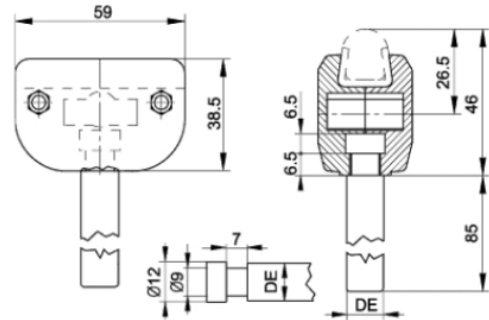
COMPONENTS



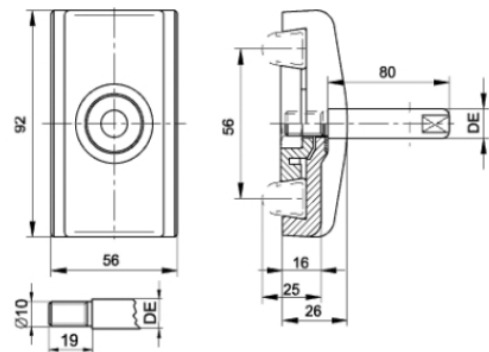
→ → N8240143



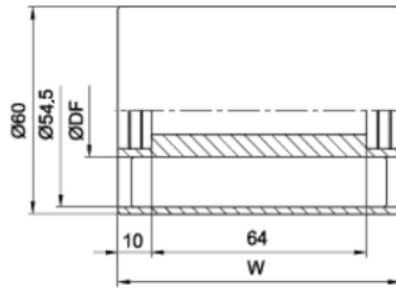
→ → N8240162



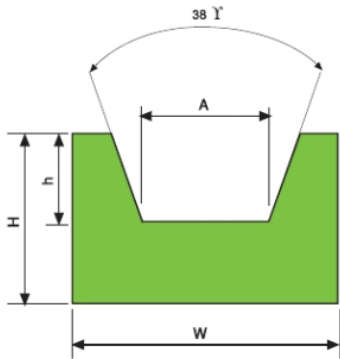
→ → N8240135



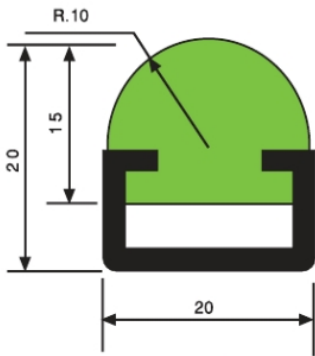
→ → N8010221



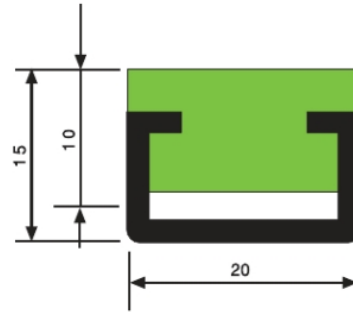
DF	W	Kg.	COD.
12.2	84	0.09	8010221
14.2	84	0.09	8010220
16.2	84	0.09	8010222
18.2	84	0.09	8010223
20.2	84	0.09	8010224



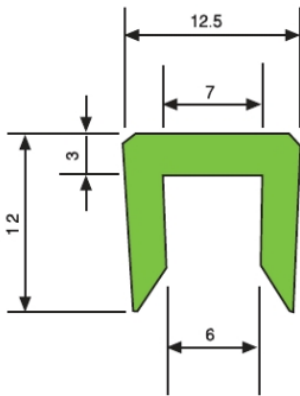
W	H	h	A	L	Kg/m	COD.
20	10	3	6.5	2	0.179	CT 10 Z
20	12	5	8	2	0.232	CT 13 A
25	12	5	10	2	0.292	CT 15 E
30	15	8	10.5	2	0.429	CT 17 B
35	20	11	13.5	2	0.660	CT 22 C
40	25	13	19	2	0.944	CT 30 D



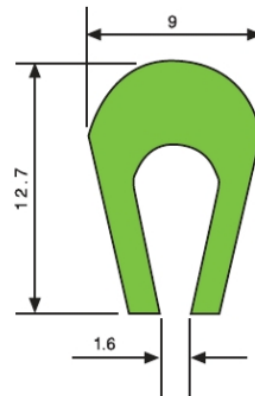
PSS20350



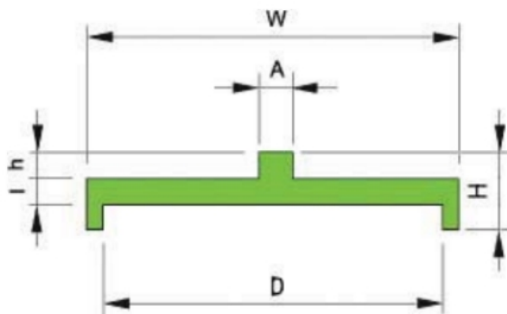
PSS20352



P20286

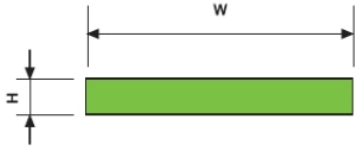
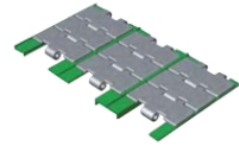


P20285

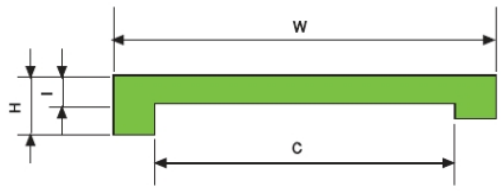


Profile 'DZ' P20262

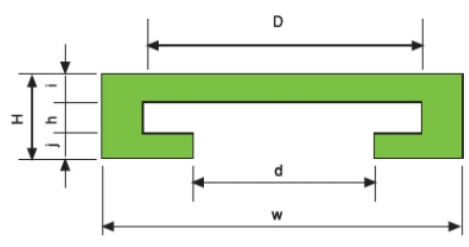
Colour	C	h	W	D	I	H	A	L	Kg/m	COD.
Green	DZ/36	3	40	36	3	9	4	50	0.13	P20262
Green	DZ/32	2.5	44	32	3	8	4	50	0.16	P20264
Green	DZ/41	2.5	46	41	3	11.5	4	50	0.17	P20266
Green	DZ/31	3	43	31	4	15	3	50	0.21	P20268



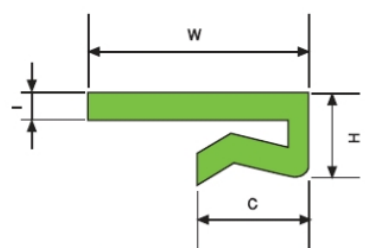
Colour	H	W									
		15	20	25	30	35	45	50	60	70	
Green	3	P20100	P20101	P20102	P20103	P20104	P20106	P20107	P20109	P20111	
Green	5	P20120	P20121	P20122	P20123	P20124	P20126	P20127	-	-	



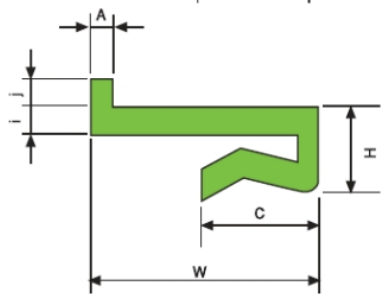
Colour	C	W	h	i	D	H	A	L	Kg/m	COD.
Green	DL/31	41	-	3.0	31.0	7.0	-	50	0.17	P20267
Green	DL/31	41	-	4.0	31.0	9.0	-	50	0.21	P20265
Green	DL/21	31	-	4.0	21.0	9.0	-	50	0.17	P20363
Green	DL/37	42	-	4.0	36.5	7.0	-	50	0.17	P20272
Green	DL/41	45	-	3.0	40.5	9.0	-	50	0.16	P20297



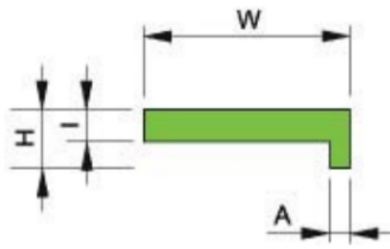
Colour	C	W	H	i	h	J	D	d	L	Kg/m	COD.
Green	C for steel 20x5	30	12.0	3.5	5.2	3.3	20.5	12.0	2	0.17	P20365
Green	C for steel 30x3	40	10.0	3.5	3.5	3.0	30.5	23.0	50	0.19	P20370
Green	C for steel 40x4	50	10.5	3.0	4.5	3.0	41.0	28.5	50	0.24	P20367
Green	C for steel 40x8	50	14.0	3.0	8.3	2.7	41.0	30.0	50	0.26	P20371
Green	C for steel 40x10	50	16.0	3.0	10.3	2.7	41.0	30.0	2	0.27	P20372
Green	C for steel 50x6	60	12.0	3.0	6.5	2.5	51.0	35.0	50	0.28	P20374



Colour	W	H	C	i	A	h	L	Kg/m	COD.
Green	20	10.6	13.0	3	-	-	50	0.11	P20269
Green	25	10.6	10.2	3	-	-	50	0.11	P20273
Green	25	10.5	20.0	3	-	-	50	0.12	P20274

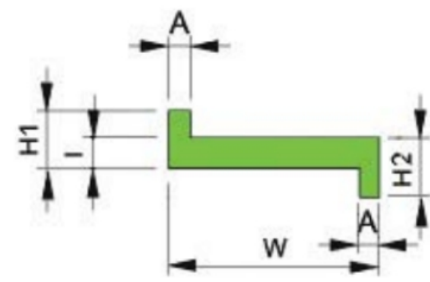


Colour	W	H	C	i	A	h	L	Kg/m	COD.
Green	20	9	13.0	3	2.5	2.5	50	0.12	P20275
Green	25	9	13.0	3	2.5	2.5	50	0.17	P20271



Profile "L" P20254

Colour	C	W	H	i	L	A	Kg/m	COD.
Green	L/20	20	5.5	3	50	2	0.06	P20254

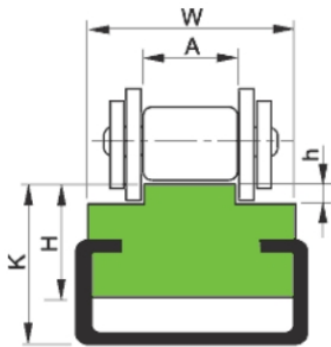
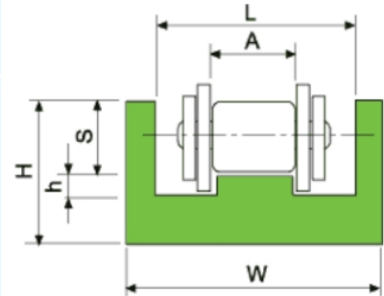


Profile "Z" P20250

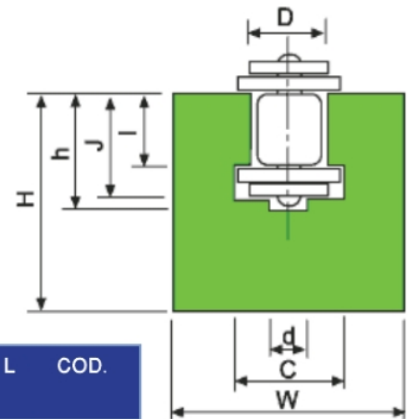
Colour	C	W	H1	H2	i	A	L	Kg/m	COD.
Green	Z	20	5.5	5.5	3	2	50	0.07	P20250
Green	Z23	23	9	7	4	3	50	0.12	P20253



Chain ISO	W	H	L	h	A	S	L	COD.
06 B1	25	10	15	15	5,4	4,4	2	UC-1
08 B1	30	15	20	20	7,4	7,2	2	UC-2
10 B1	33	20	23	23	9,2	9,5	2	UC-3
12 B1	38	20	28	28	11,3	11,1	2	UC-4
16 B1	51	25	41	41	16,5	16,5	2	UC-5
20 B1	56	30	46	46	19	20,7	2	UC-6

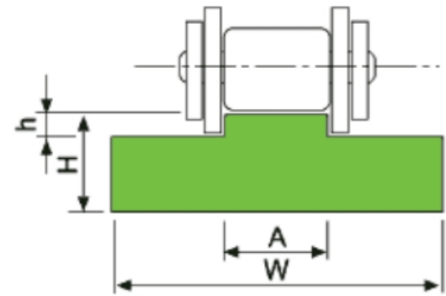


Chain ISO	W	H	K	h	A	L	COD.
06 B1	20	15	17	1,5	5,4	2	TCG-1SS
08 B1	20	15	17	2,2	7,4	2	TCG-2SS
10 B1	20	15	17	2,6	9,2	2	TCG-3SS
12 B1	28	15	18	2,4	11,3	2	TCG-4SS
16 B1	28	20	24	3,5	16,5	2	TCG-5SS
20 B1	38	25	30	4,3	19,0	2	TCG-6SS

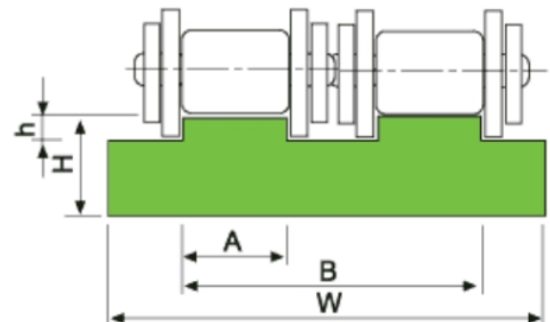


Chain ISO	W	H	C	h	I	J	d	D	L	COD.
06 B	20	25	9,3	10	5,6	8,7	4	6,6	2	GH-1
08 B	24	30	12,8	12,7	7,6	11,5	5	8,7	2	GH-2
10 B	30	35	15,4	14,8	9,5	13,5	6	10,4	2	GH-3
12 B	40	35	16,9	17,5	11,5	15,9	7	12,3	2	GH-4
16 B	40	45	24,4	28,2	15,9	25,7	9	16,2	2	GH-5
20 B	50	50	27,5	31,2	19,4	29,3	11	19,3	2	GH-6
24 B	60	60	36,5	40,1	25,2	38,2	16	25,7	2	GH-7
28 B	70	70	41,5	48,9	30,8	46,9	17	28,3	2	GH-8
32 B	75	75	44,5	53,0	30,8	47,3	19	29,6	2	GH-9

Chain ISO	W	H	A	h	L	COD.
06 B1	15	10	5,4	1,5	2	S-1
08 B1	20	10	7,4	2,2	2	S-2
08 B1	20	15	7,4	2,2	2	S-215
10 B1	20	10	9,2	2,6	2	S-3
10 B1	20	15	9,2	2,6	2	S-315
12 B1	25	10	11,3	2,4	2	S-4
12 B1	25	15	11,3	2,4	2	S-415
16 B1	40	15	16,5	3,5	2	S-5
16 B1	40	20	16,5	3,5	2	S-520
20 B1	45	15	19	4,3	2	S-6
20 B1	45	20	19	4,3	2	S-620
24 B1	60	15	24,6	5,6	2	S-7
28 B1	75	20	30	6,9	2	S-8
32 B1	85	20	30	7,8	2	S-9



Chain ISO	W	H	A	h	B	L	COD.
06 B2	25	10	5,4	1,5	16	2	D-1
08 B2	35	10	7,4	2,2	21	2	D-2
10 B2	40	10	9,2	2,6	26	2	D-3
10 B2	40	15	9,2	2,6	26	2	D-315
12 B2	45	10	11,3	2,4	31	2	D-4
12 B2	45	15	11,3	2,4	31	2	D-415
16 B2	48	15	16,5	3,5		2	D-5
32 B2	89	20	30	7,8		2	D-9





NGB

COMPONENTS

Standard Roller

Tube Quality	Dia. Wall thickness D x W
PVC	20 x 1.5
	30 x 1.8
	40 x 2.3
	50 x 3.0
	60 x 3.0
Zinc Plated Steel	50 x 1.5
	50 x 2.0
	60 x 2.0
Stainless Steel	50 x 1.5
	50 x 2.0
	60 x 2.0
	89 x 3.0

Female threaded spindle



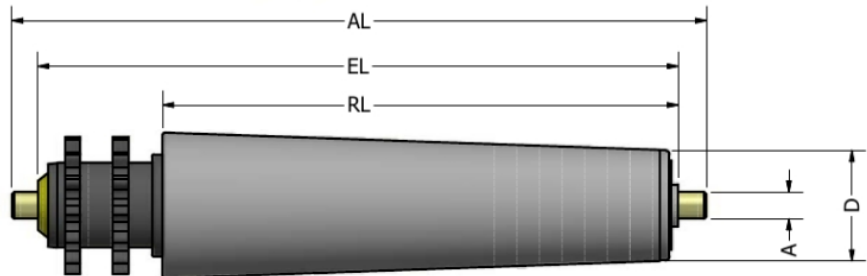
Spring loaded spindle



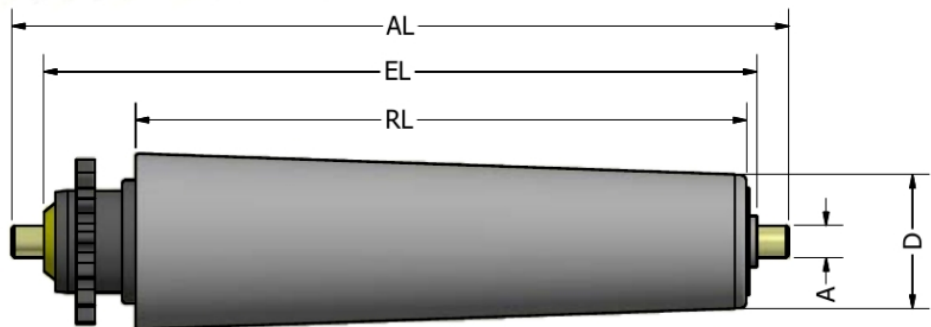
14T-2 Tapped Roller

Tube Quality	Di. Wall thickness D x W		RL
Tapered Plastic Element on Inner Steel Tube	50 x 1.5	55.6 ~ 71.2	250
		55.6 ~ 71.2	300
		55.6 ~ 77.6	350
		55.6 ~ 77.6	400
		55.6 ~ 84.0	450
or PVC Tube	50 x 3.0	55.6 ~ 84.0	500
		55.6 ~ 90.4	550
		55.6 ~ 90.4	600
		55.6 ~ 96.8	650
		55.6 ~ 96.8	700
		55.6 ~ 103.2	750
		55.6 ~ 103.2	800
		55.6 ~ 109.6	850
		55.6 ~ 109.6	900

→ → Double driven tapped roller



→ → Single driven tapped roller





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COMPONENTS

DRIVEN ROLLER

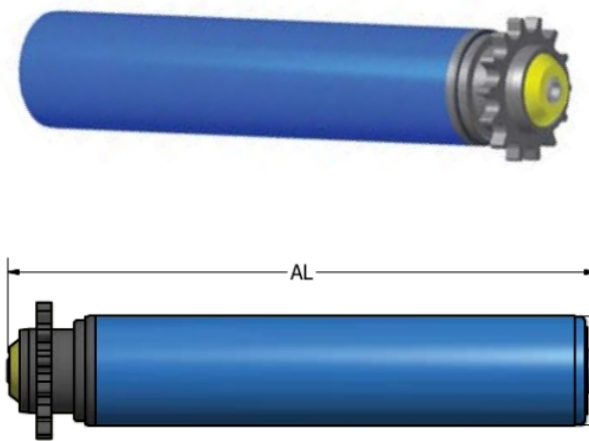


Tube Quality	Dia. Wall thickness D x W
PVC	50 x 3.0
	60 x 3.0
Zinc Plated Steel	50 x 1.5
	50 x 2.0
	60 x 2.0
	89 x 3.0
Stainless Steel	50 x 1.5
	50 x 2.0
	60 x 2.0
	89 x 3.0

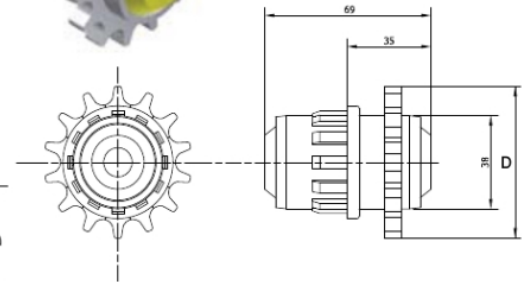
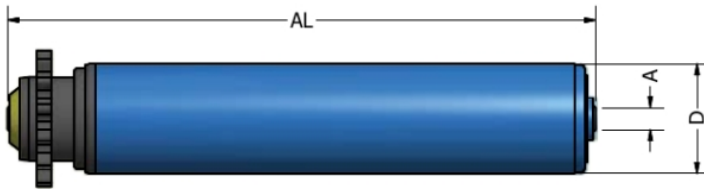
Single driven roller

- 11T-1 plastic sprocket for chain 1/2 x 5/16" 08B-1
- 14T-1 plastic sprocket for chain 1/2 x 5/16" 08B-1

Z 1108B1P / Z1408B1P



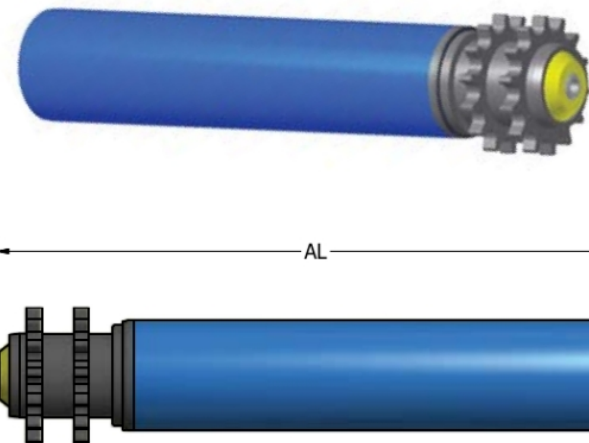
Z1108B1P D=50
Z1408B1P D=64



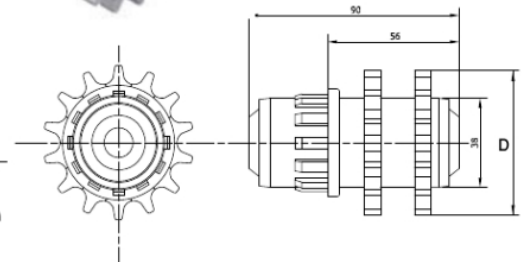
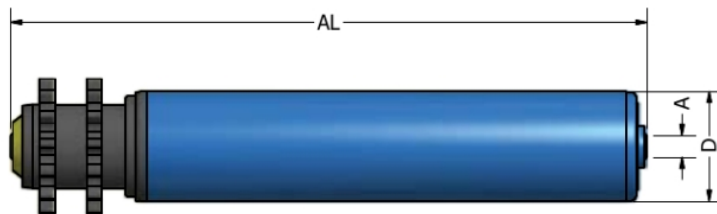
Double driven roller

- 11T-2 plastic sprocket for chain 1/2 x 5/16" 08B-1
- 14T-2 plastic sprocket for chain 1/2 x 5/16" 08B-1

Z 1108B2P / Z1408B2P



Z1108B2P D=50
Z1408B2P D=64

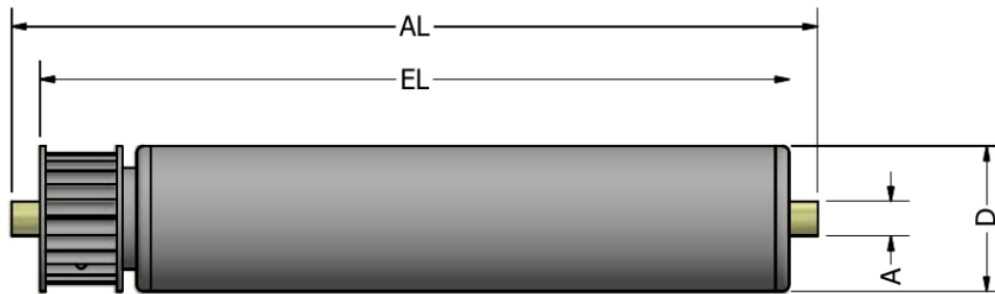


Timing driven roller

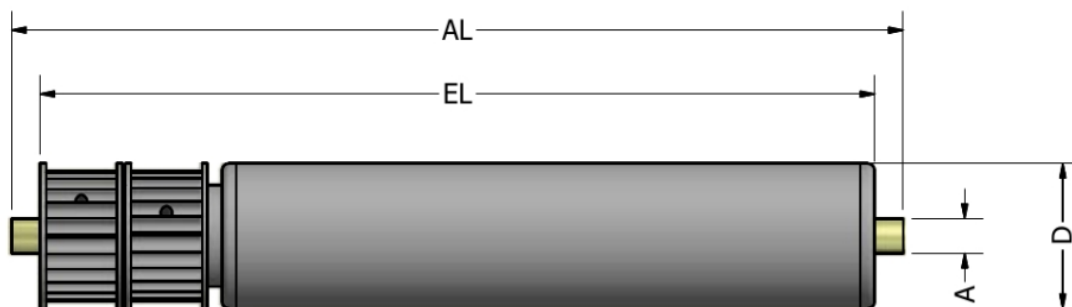


Tube Quality	Dia. Wall thickness D x W
PVC	50 x 3.0
	60 x 3.0
Zinc Plated Steel	50 x 1.5
	50 x 2.0
	60 x 2.0
Stainless Steel	89 x 3.0
	50 x 1.5
	50 x 2.0
	60 x 2.0
	89 x 3.0

→ → Single timing driven roller



→ → Double timing driven roller

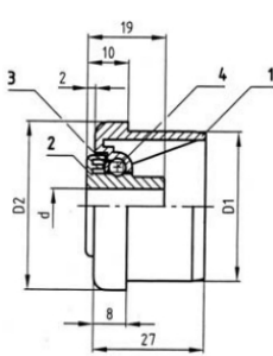


PLEASE CONTACT US FOR TIMING PULLEY AVAILABILITY

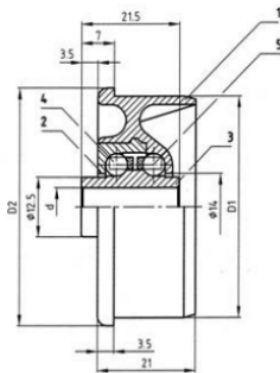


PVC ROLLER

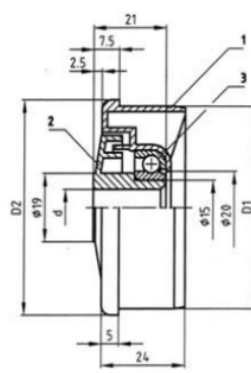
Type	Tube			Shaft											Load 1000 N
KTR	20 x1,0	.01			6	8									5
		.00	X		6	8									5
	20 x1,5	.01			6	8									5
		.00	X		6	8									5
	30 x1,0	.01		5	6	8	10								7
		.00	X	5	6	8	10								7
	30 x1,8	.01		5	6	8	10								7
		.00	X	5	6	8	10								7
	40 x1,5	.01		5	6	8	10								7
		.00	X	5	6	8	10								7
	40 x2,3	.01		5	6	8	10								7
		.00	X	5	6	8	10								7
	50 x1,5	.02			6	8	10				12				10
		.03	X		6	8	10				12				10
		.30				8	10	10	11	12	14	15			80
		.31	X			8	10	10	11	12	14	15			25
	50 x2,0	.40				8	10	10	11	12	14	15			80
		.02			6	8	10								10
		.03	X		6	8	10								10
		.30				8	10	10	11	12	14	15			80
	50 x2,8	.31	X			8	10	10	11	12	14	15			25
		.40				8	10	10	11	12	14	15			80
		.02			6	8	10								10
		.03	X		6	8	10								10
60 x1,5	.30				8	10	10	11	12	14	15			80	
	.31	X			8	10	10	11	12	14	15			25	
	.40				8	10	10	11	12	14	15			80	
	.30				8	10	10	11	12	14	15			80	
60 x2,0	.31	X			8	10	10	11	12	14	15			25	
	.40				8	10	10	11	12	14	15			80	
	.30				8	10	10	11	12	14	15			80	
89 x3,0	.20												20	250	



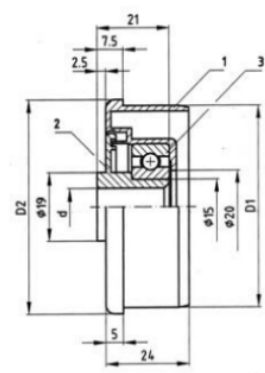
➔➔ KTR 00, 01



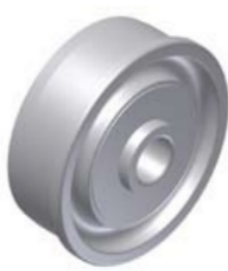
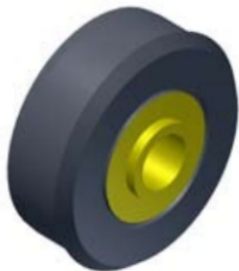
➔➔ KTR 02, 03




➔➔ KTR 30, 31

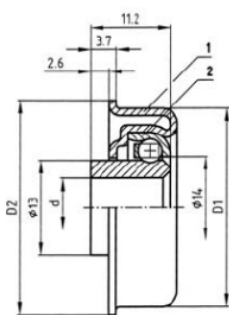


➔➔ KTR 40, 50, 60

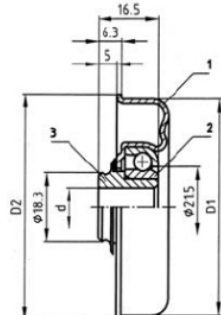


STEEL/STAINLESS STEEL ROLLERS

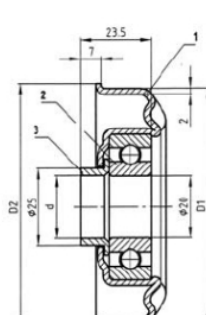
Type	Tube			Shaft						Load 1000 N	
MTR MTS 	48 x 2,0	.20	6	8	10	11	12				80
		.30		8	10	11	12				120
		.30-1			10	11	12	14	15		120
		.30-2			10	11	12	14	15		120
	50 x 1,5	.20	6	8	10	11	12				80
		.30		8	10	11	12				120
		.30-1			10	11	12	14	15		120
		.30-2			10	11	12	14	15		120
	50 x 2,0	.40			10	11	12				120
		.20	6	8	10	11	12				80
		.30		8	10	11	12				120
		.30-1			10	11	12	14	15		120
	60 x 1,5	.30-2			10	11	12	14	15		120
		.40			10	11	12				120
		.20	6	8	10	11	12				80
		.30		8	10	11	12				120
	60 x 2,0	.30-1			10	11	12	14	15		120
		.30-2			10	11	12	14	15		120
		.040			10	11	12				150
		.20	6	8	10	11	12				80
	89 x 3,0	.20								20	250



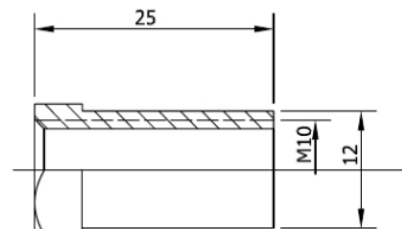
MTR 20



MTR 30, 40, 50



MTR 89



MKTR AVAILABLE M12/M10 and M8/M6

- 00: Plastic bearing with or without plastic retainer, one row balls
- 01: Plastic bearing with or without plastic retainer, one row of balls, stainless
- 02: Plastic bearing with plastik retainer, two row of balls
- 03: Plastic bearing with plastic retainer, two of balls, stainless balls

- 16: Metal bearing, pressed, hardened, with plastic retainer, bearing bush
- 20: Metal bearing, pressed, hardened, with plastic or metal retainer, bearing bush
- 25: Metal bearing, pressed, hardened, with plastic retainer, bearing bush
- 30: Metal bearing, pressed, hardened, with or without retainer, bearing bush
- 30-2: Metal bearing, pressed, hardened, with plastic retainer, bearing bush
- 31: Metal bearing, pressed, hardened, with retainer, bearing bush, stainless

