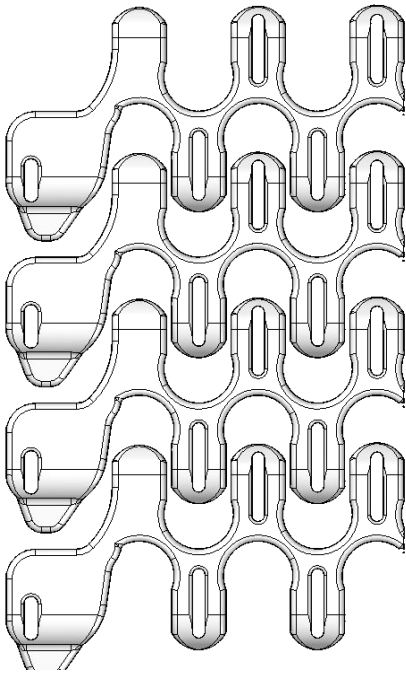


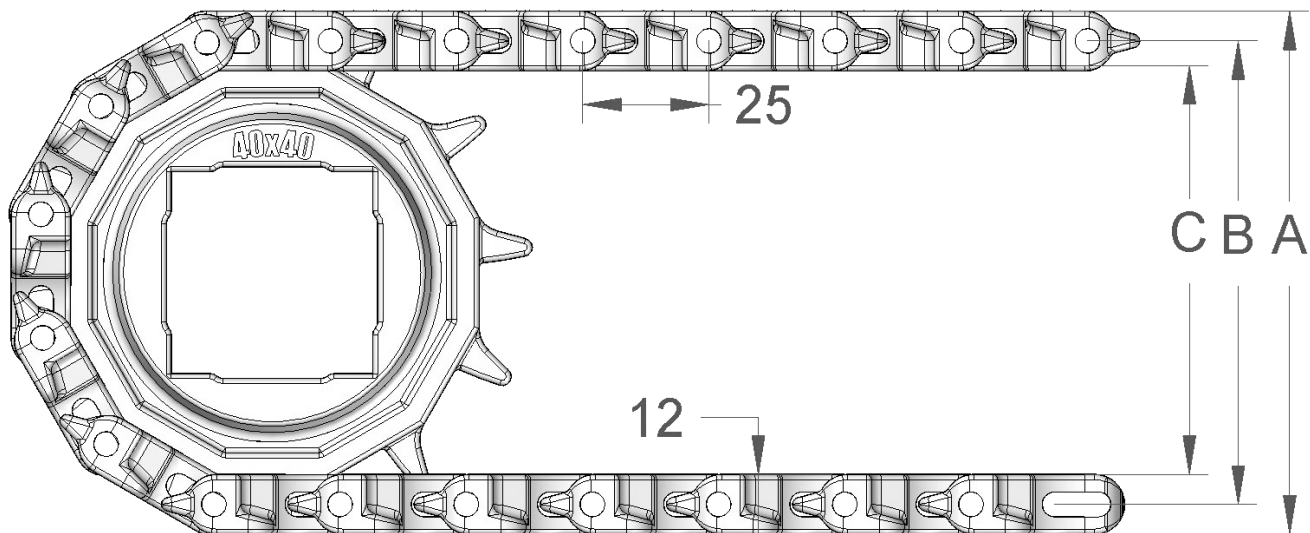
S. 101



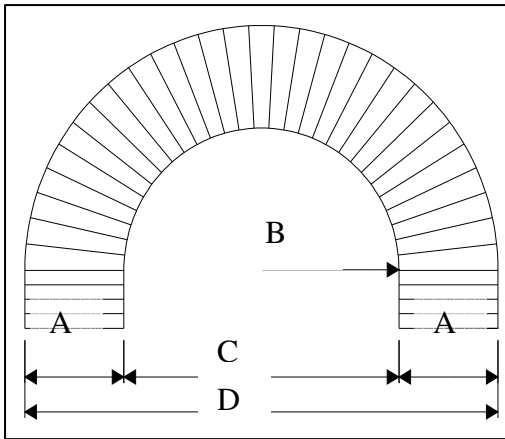
Belt data.			
Belt material	Rods	Max. belt pull (kg).	Belt weight (kg/m ²).
Polyacetal (POM)	PP	75	7
	Nylon	120	7
Polypropylene (PP)	PP	60	4.5
	Nylon	90	4.5

Belt surface: Smooth.
Open area: 52 %
Strength: The ideal choice for medium weight.
Material/colour: POM, PP
Cleanability: Good
Accessories: 25, 50 and 75 mm flights, friction top, hooks or tabs.
Application: Spiral coolers, radius conveyors.
Construction: Side modules, centre modules.
Width interval: Normally 20 mm. E.g: 210 mm, 230 mm etc.
Inner radius: Collapse factor – see next page.

Sprocket Data								
No. of teeth	A= Outside diameter	B= Pitch-diameter	C= Inside-diameter	Hub width:	Round bore		Square bore	
					mm	in.	mm	in.
8	78	66	54	20	20/25	¾/1	25	
12	108	96	84	20	20/25/30/40	¾/1/1¼	25/40	1½
20	173	161	149	35	25/30/40	1/1¼	25/40	1½



S. 101 25 mm. Radius belt dimensions.



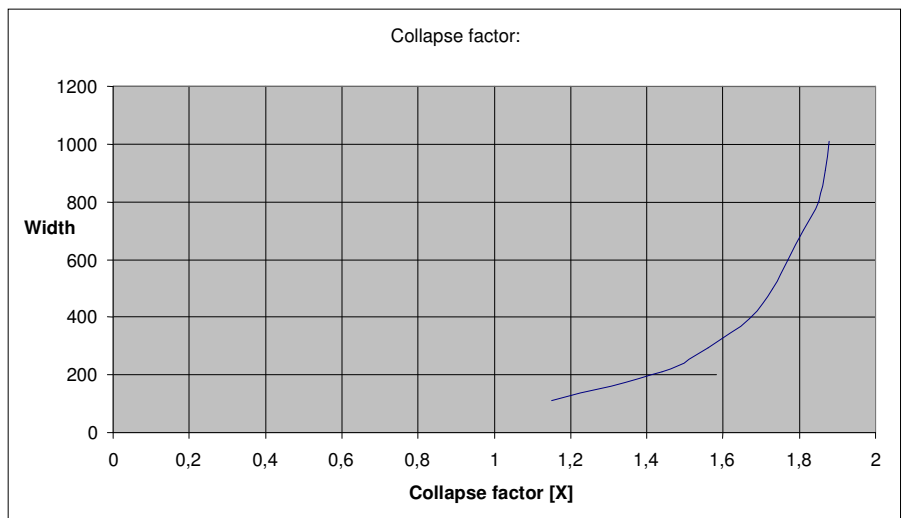
A = Standard belt width
B = Inner radius
C = Inner diameter
D = Outer diameter

A	107	210	292	394	497	600	702	805	907	1011
B	150	300	450	650	850	1035	1250	1460	1680	1905
C	300	600	900	1300	1650	2020	2450	2870	3310	3760
D	514	1020	1484	2088	2644	3220	3854	4480	5124	5782

S-101

Standard width – Radius belts

Belt width.	Min.inner radius.	Belt width.	Min.inner radius.
107	150	600	1035
128	180	620	1075
148	210	641	1115
169	240	662	1160
189	270	682	1205
210	300	702	1250
230	330	723	1290
251	370	744	1330
271	410	764	1370
292	450	785	1415
312	490	805	1460
333	530	826	1505
353	570	846	1550
374	610	867	1595
394	650	887	1635
414	690	907	1680
435	730	928	1725
455	770	949	1770
477	810	970	1815
497	850	990	1860
518	885	1011	1905
538	920	1114	2125
559	960	1217	2350
579	1000	1320	2595



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

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

