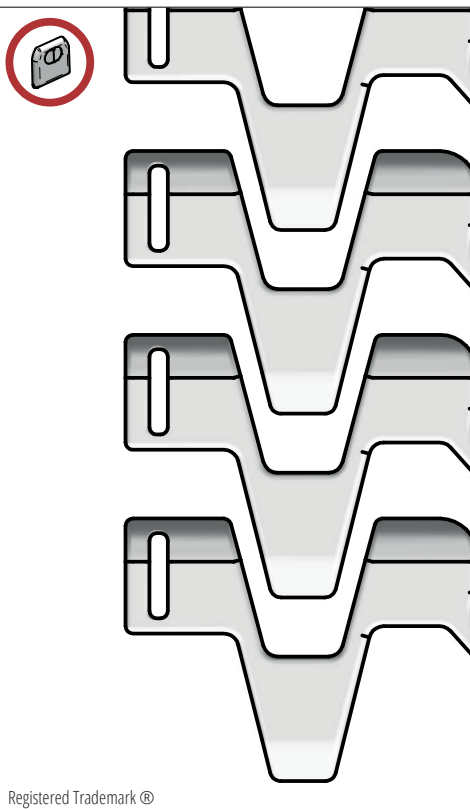


S.100R

The ideal choice for medium weight transportation.
Spiral Coolers, Radius Conveyors.
Construction: side modules, centre modules
FDA approved.



SCANBELT
...keeping industry moving...



Registered Trademark ©

SUGGESTED INDUSTRIES



STANDARD FEATURES

Belt surface	Smooth
Open area	52 %
Strength	The ideal choice for medium-duty transportation
Cleanability	Good
Width interval	Normally 20 mm. E.g: 209 mm, 229 mm etc.

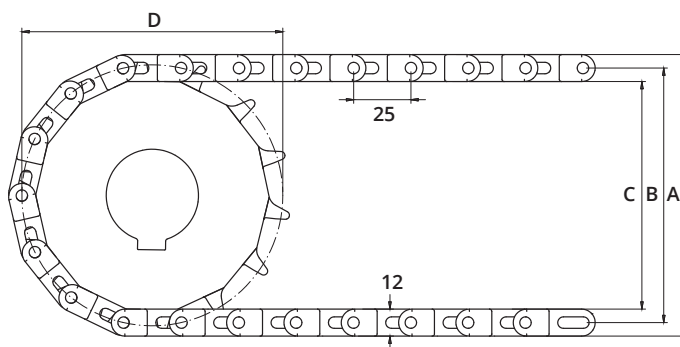
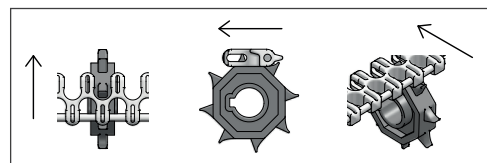
BELT DATA

Belt materials	Temperature		Rods	Max. belt pull kg/m	Belt weight kg/m ²	Standard Colours
	Min.	Max.				
PP	+ 5	100	PP	60	4,5	White/Blue
			Nylon	90	4,5	
			Steel	100	10	
POM	- 43	95	PP	75	7	Natural/Blue
			Nylon	110	7	
			Steel	150	12,5	

ACCESSORIES

Type	mm
Flights	25, 50, 75
Side Guard	25
Friction Top	Yes
Hooks	Yes

SPROCKET ENGAGEMENT



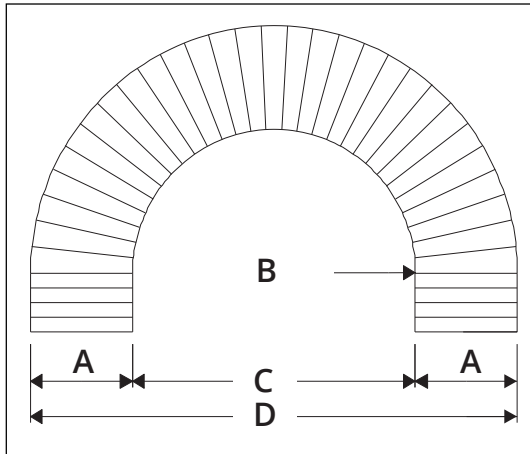
SPROCKET DATA

A = Outside, B = Pitch, C = Inside, D = Pitch Circle Diameter

No. Teeth	A	B	C	D	Hub Width	Round Bore		Square Bore	
	mm	mm	mm	mm		mm	Inch	mm	Inch
8	74	62	50	66	20	20 / 25	¾ / 1	25	
12	106	94	82	98	20	20 / 25 / 30 / 40	¾ / 1 / 1¼	25 / 40	1½
20	173	161	149	162	35	25 / 30 / 40	1 / 1¼	25 / 40	1½

S.100R BELT DIMENSIONS

S. 100R-25 mm radius



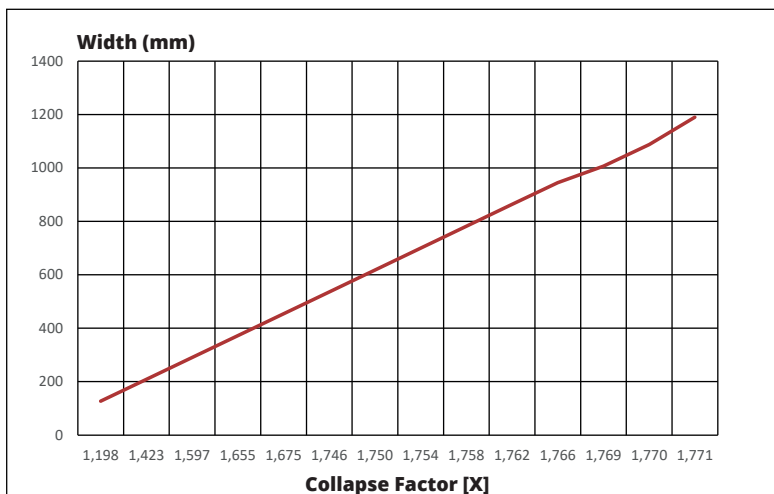
A = Standard belt width

B = Inner radius

C = Inner diameter

D = Outer diameter

A	209	270	373	475	577	679	782	884	986	1088
B	297	419	617	810	1044	1173	1408	1675	1898	2143
C	594	838	1234	1620	2088	2346	2816	3350	3796	4286
D	1012	1378	1980	2570	3242	3704	4380	5118	5768	6462



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

Min. inner radius = collapse factor x belt width

Collapse factor from 1,5

STANDARD WIDTH

Belt width	Min.inner radius.	Belt width.	Min.inner radius
127	152	618	1125
147	183	638	1164
168	220	659	1127
188	260	679	1173
209	297	699	1216
229	336	720	1264
250	378	741	1312
270	419	761	1358
291	465	782	1408
311	504	802	1459
332	543	823	1513
352	581	843	1564
373	617	864	1618
393	652	884	1675
413	688	904	1734
433	723	925	1753
453	763	945	1800
475	810	966	1850
495	856	986	1898
516	906	1007	1944
536	954	1088	2143
557	1000	1190	2404
577	1044		
598	1085		

S. 100R Turned inside

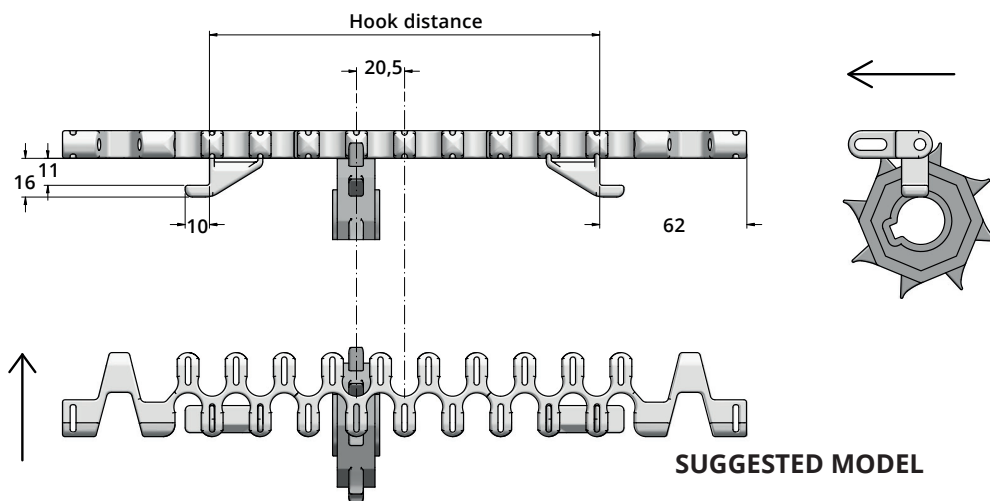
Technical drawing of a mechanical assembly. The top part shows a side view of a horizontal bar with a central vertical component. Dimensions include: "Hook distance" (total length), "20,5" (distance from center to end of bar), "1611" (total height), "10" (height of the central component), and "86" (distance from center to end of the lower component). The bottom part shows a "SUGGESTED MODEL" of the assembly, which is a 3D model of a mechanical component with a central vertical part and a horizontal bar. An arrow points to the right, indicating the direction of the force or movement.

ScanBelt A/S | Læsøvej 12 | DK-9800 Hjørring | Phone +45 98 90 90 88 | mail@scanbelt.com | 2021

S.100R HOOK MEASUREMENT

S. 100R Turned outside

S.100R – DISTANCE FOR HOOKS TURNED OUTSIDE - (MM)



127	
147	
168	
188	64
209	- 85
229	64 - 105
250	- 85 - 126
270	64 - 105 - 146
291	- 85 - 126 - 167
311	64 - 105 - 146 - 187
332	- 85 - 126 - 167 - 208
352	64 - 105 - 146 - 187 - 228
373	- 85 - 126 - 167 - 208 - 249
393	64 - 105 - 146 - 187 - 228 - 269
413	- 85 - 126 - 167 - 208 - 249 - 289
434	64 - 105 - 146 - 187 - 228 - 269 - 310
454	- 85 - 126 - 167 - 208 - 249 - 289 - 330
475	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351
495	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371
516	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392
536	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412
557	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433
577	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453
598	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474
618	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494
638	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514
659	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535
679	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555
699	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575
720	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596
741	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617
761	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637
782	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658
802	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678
823	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699
843	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678 - 719
864	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699 - 740
884	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678 - 719 - 760
904	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699 - 740 - 780
925	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678 - 719 - 760 - 801
945	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699 - 740 - 780 - 821
966	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678 - 719 - 760 - 801 - 842
986	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699 - 740 - 780 - 821 - 862
1007	64 - 105 - 146 - 187 - 228 - 269 - 310 - 351 - 392 - 433 - 474 - 514 - 555 - 596 - 637 - 678 - 719 - 760 - 801 - 842 - 883
	- 85 - 126 - 167 - 208 - 249 - 289 - 330 - 371 - 412 - 453 - 494 - 535 - 575 - 617 - 658 - 699 - 740 - 780 - 821 - 862 - 883

Hook Distance