

optibelt SK S=C PLUS*

The wrapped Optibelt SK wedge belt has been developed with mechanical engineering in mind. It transmits substantially more power than the classical V-belt with comparable top width, e.g. section SPB and section B/17.

The wrapped wedge belt has the famous Optibelt S=C PLUS attributes with an efficiency of approx. 97% and is suitable for use in sets without additional measurement.

Advantages

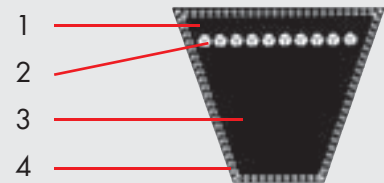
- Wrapped wedge belts according to DIN/ISO/BS
- Extremely high performance
- Compact, space-saving shape
- High belt speed
- Superior price/performance ratio
- Low maintenance costs
- S=C PLUS Set Constant, can be used in sets without further measurement

The Optibelt SK high performance wedge belt is preferred for use in heavy mechanical engineering with very high load requirements, which can be over 2 000 kW.

Examples of Applications

- | | |
|------------------------------|----------------------------|
| Heavy mechanical engineering | ■ Crushers |
| Plastics machinery | ■ Extruders |
| Compressors | ■ Screw compressors |
| Textile machinery | ■ Weaving looms |
| Ventilators | ■ Axial blowers |
| Pumps | ■ Rotary centrifugal pumps |
| Printing machinery | ■ Rotary printing presses |
| Construction machinery | ■ Plate compactors, mixers |

*** S=C PLUS can be used in sets without further measurement**



- 1 Filler rubber
- 2 Tension cord
- 3 Base rubber
- 4 Impregnated cover fabric

Sections:

SPZ; SPA; SPB; SPC;
3V/9N; 5V/15N; 8V/25N

Dimensions:

487 to 12 500 mm
standard range
further sizes on request

V-grooved pulleys:

all standard pulleys
special pulleys on request

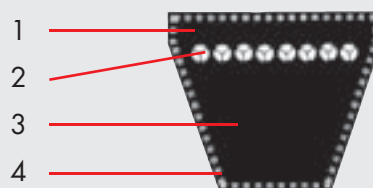
optibelt SK S=C PLUS*

For use in machines built to USA standards, Optibelt offers perfectly coordinated solutions. A wide spectrum of drives is covered by the three standardised sections. The 3V/9N and 5V/15N sections can also be used in the DIN/ISO/BS pulley grooves SPZ/Z/10 and SPB/B/17.

Advantages

- Dimensions to USA standards
- Extremely high performance
- Compact, space-saving shape
- Efficient price/performance ratio
- Low maintenance costs

Due to the strict production tolerances, the Optibelt SK S=C PLUS can be used in sets according to USA standards without having to be checked and is best suited to heavy duty drives.



- 1 Filler rubber
- 2 Tension cord
- 3 Base rubber
- 4 Impregnated cover fabric

Examples of Applications

- | | |
|------------------------------|----------------------------|
| Heavy mechanical engineering | ■ Crushers |
| Construction machinery | ■ Plate compactors, mixers |
| Printing machinery | ■ Rotary printing presses |
| Plastics machinery | ■ Extruders |
| Compressors | ■ Screw compressors |
| Textile machinery | ■ Weaving looms |
| Ventilators | ■ Axial blowers |
| Pumps | ■ Rotary centrifugal pumps |

*** S=C PLUS can be used in sets without further measurement**

Sections:

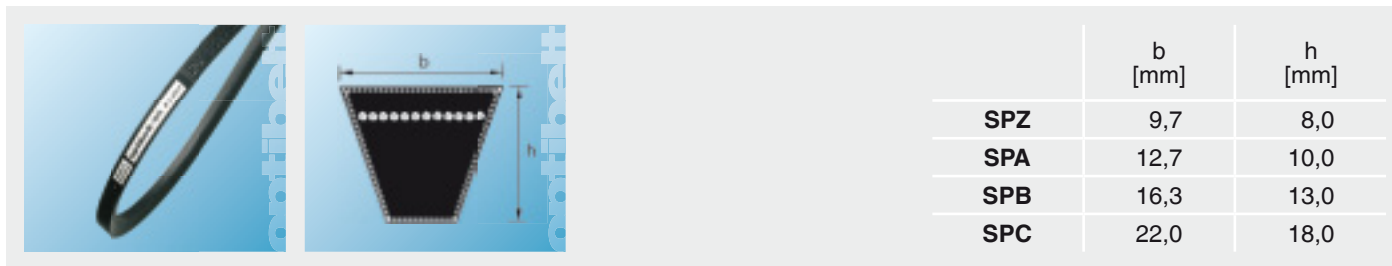
3V/9N; 5V/15N; 8V/25N

Dimensions:

635 to 12700 mm
standard range
further sizes on request


V-grooved pulleys:

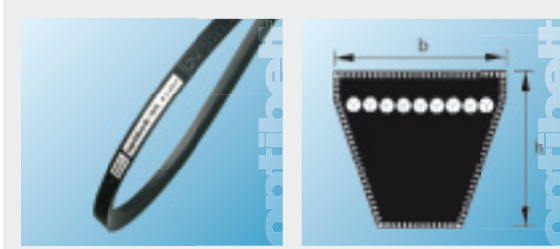
all standard pulleys
special pulleys on request



	b [mm]	h [mm]
SPZ	9,7	8,0
SPA	12,7	10,0
SPB	16,3	13,0
SPC	22,0	18,0

SPZ			SPA			SPB		SPC
Richtlänge Datum length [mm]			Richtlänge Datum length [mm]			Richtlänge Datum length [mm]		Richtlänge Datum length [mm]
487	1262	2800	732	1682	3032	1250	6000	2000
512	1287	2840	757	1700	3082	1320	6300	2120
562	1312	3000	782	1707	3150	1400	6700	2240
587	1320	3150	800	1732	3182	1450	7100	2360
612	1337	3350	807	1757	3282	1500	7500	2500
630	1347	3550	832	1782	3350	1600	8000	2650
637	1362		850	1800	3382	1700		2800
662	1387		857	1807	3550	1750		3000
670	1400		882	1832	3750	1800		3150
687	1412		900	1857	4000	1850		3350
710	1437		907	1882	4250	1900		3550
722	1462		932	1900	4500	2000		3750
737	1487		950	1907		2020		4000
750	1500		957	1932		2060		4250
762	1512		982	1957		2120		4500
772	1537		1000	1982		2150		4750
787	1562		1007	2000		2180		5000
800	1587		1032	2032		2240		5300
812	1600		1060	2057		2280		5600
825	1612		1082	2082		2360		6000
837	1637		1107	2120		2391		6300
850	1650		1120	2132		2400		6700
862	1662		1132	2182		2500		7100
875	1687		1157	2207		2650		7500
887	1700		1180	2232		2680		8000
900	1737		1207	2240		2800		8500
912	1762		1232	2282		2840		9000
925	1787		1250	2300		2850		9500
937	1800		1257	2307		2900		10000
950	1812		1272	2332		3000		10600
962	1837		1282	2360		3150		11200
987	1850		1307	2382		3250		12500
1000	1862		1320	2432		3350		
1012	1887		1332	2482		3450		
1024	1900		1357	2500		3550		
1037	1937		1382	2532		3650		
1047	1987		1400	2582		3750		
1060	2000		1407	2607		3800		
1077	2037		1432	2632		4000		
1087	2120		1457	2650		4050		
1112	2137		1482	2682		4250		
1120	2150		1500	2732		4300		
1137	2187		1507	2782		4500		
1162	2240		1532	2800		4560		
1180	2287		1557	2832		4750		
1187	2360		1582	2847		4820		
1202	2500		1600	2882		5000		
1212	2540		1607	2932		5070		
1237	2650		1632	2982		5300		
1250	2690		1657	3000		5600		

Bestellbeispiel Order example	Produkt Product	Profil/Ausführung Profile and model	Richtlänge Datum length [mm]	
Optibelt SK	Keilriemen V-Belt	SPA	1000	



	b [mm]	h [mm]
9N	9	8
15N	15	13
25N	25	23

3V/9N	5V/15N	8V/25N
Außenlänge Outside length [mm]	Außenlänge Outside length [mm]	Außenlänge Outside length [mm]
3V/9N 635	5V/15N 1346	8V/25N 2540
3V/9N 673	5V/15N 1422	8V/25N 2845
3V/9N 711	5V/15N 1524	8V/25N 2997
3V/9N 762	5V/15N 1600	8V/25N 3175
3V/9N 800	5V/15N 1702	8V/25N 3353
3V/9N 851	5V/15N 1803	8V/25N 3556
3V/9N 902	5V/15N 1905	8V/25N 3810
3V/9N 952	5V/15N 2032	8V/25N 4064
3V/9N 1016	5V/15N 2159	8V/25N 4318
3V/9N 1079	5V/15N 2286	8V/25N 4572
3V/9N 1143	5V/15N 2413	8V/25N 4826
3V/9N 1206	5V/15N 2540	8V/25N 5080
3V/9N 1270	5V/15N 2692	8V/25N 5385
3V/9N 1346	5V/15N 2845	8V/25N 5690
3V/9N 1422	5V/15N 2997	8V/25N 5994
3V/9N 1524	5V/15N 3175	8V/25N 6350
3V/9N 1600	5V/15N 3353	8V/25N 6731
3V/9N 1702	5V/15N 3556	8V/25N 7112
3V/9N 1803	5V/15N 3810	8V/25N 7620
3V/9N 1905	5V/15N 4064	8V/25N 8001
3V/9N 2032	5V/15N 4318	8V/25N 8509
3V/9N 2159	5V/15N 4572	8V/25N 9017
3V/9N 2286	5V/15N 4826	8V/25N 9525
3V/9N 2413	5V/15N 5080	8V/25N 10160
3V/9N 2540	5V/15N 5385	8V/25N 10795
3V/9N 2692	5V/15N 5690	8V/25N 11430
3V/9N 2845	5V/15N 5994	8V/25N 12065
3V/9N 2997	5V/15N 6350	8V/25N 12700
3V/9N 3175	5V/15N 6731	
3V/9N 3353	5V/15N 7112	
3V/9N 3556	5V/15N 7620	
	5V/15N 8001	
	5V/15N 8509	
	5V/15N 9017	

Bestellbeispiel Order example	Produkt Product	Profil/Ausführung Profile and model	Außenlänge Outside length [mm]	
Optibelt SK	Keilriemen V-Belt	15N	2540	