

# V-BELTS, FLAT BELTS, CONVEYOR BELTS

## ADVICE AND FURTHER PROCESSING

Our drive specialists deal with your problems and develop new ideas and solutions. They recommend individual parts and also combine them if required into complex assemblies. We also supply you with individual products such as flat belts, round belts, V-belts or couplings as well as complete transport or conveyor belts.

## TRANSPORT BELTS

Our transport and conveyor belts are used in all areas of the goods transporting industry. Depending on the application area, we recommend the perfect belt design with different coating materials such as PVC, rubber, PU, silicone and PU foam.

Our personnel ensure machining accurate to the millimetre on the cutting equipment for flat belts and V-ribbed belts in our own workshop.

- 1** *Our recommendations are based on the technical knowledge and experience of our application engineers and are supported by computer calculations.*
- 2** *The correct preload of frictional and positive locking belt drives is the prerequisite for faultless and long service life functioning of the drives.*
- 3** *Cutting to size in the workshop: Our objective is independence. Using our cutting centre, we are able to achieve quickest possible deliveries.*



# MANUFACTURE AND MACHINING

## V-BELT WAREHOUSE

From the smallest V-belt to variable speed gear belts, we supply all standard items directly from our V-belt warehouse. We keep many common belts and pulleys there ready for delivery on demand. We guarantee good delivery capability within the shortest time.



## PRODUCT RANGE ON THE NEXT PAGES

### V-belts

- High performance narrow V-belts
- Classic V-belts
- Banded V-belts
- Double V-belts
- Wide V-belts
- Wide-angle V-belts
- V-ribbed belts
- Open-end V-belts + connectors
- Lamellar (link) V-belts

### Flat belts

- Rubber/fabric flat belts
- Hook connectors
- High performance flat belts
- NCS flat belts
- Leather flat belts

### Round belts

- Leather round belts
- PUR round belts
- Plastic round belts

### V-belt pulleys

- With taper clamping bush

### Couplings

- Curved teeth couplings
- Flexible shaft couplings
- Coupling packets

### Accessories / Tools

- Sales aids / accessories range
- Frequency and pre-tension testers
- Measuring rod for V-belts

### Conveyor belts

### Friction and weaving loom coverings

## V-BELTS

### General Information

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All V-belts, in accordance with the requirements they are designed for, are manufactured from carefully compiled raw materials using continuously further developed technical processes. The constant check of the production, sophisticated laboratory tests and the conscientious inspection of the raw materials used guarantee a consistently high quality standard which you can expect from every drive element- In doing so, the focus of all criteria is functional reliability and service life.

### Properties

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#### Oil-resistant

The oil resistance prevents the damaging influence of mineral oils and greases provided these substances do not come into constant contact with the V-belts in large quantities.

Animal and vegetable fats and water-soluble cooling and cutting oils always have an adverse effect on the service life. In the case of higher concentrations, we recommend using a special design.

#### Heat-resistant

The heat-resistance allows ambient temperatures up to +70°C. Higher temperatures result in premature ageing and brittleness of the V-belts. Therefore, we recommend a special design in such cases.

#### Cold-resistant

Standard V-belts are cold-resistant down to  
– 40°C for covered V-belts and  
– 30°C for open-flank V-belts.  
Practical tests are required in the limit area.

#### Electrically conductive

The use of electrically conductive V-belts requires a check of the prescribed properties according to ISO 1813. We verify the electrical conductivity with a factory test certificate.

### Special Designs

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Special designs (construction / material) can be supplied for special applications. They are linked as intermediate lengths to minimum purchase amounts which are dependent on the profile.

#### Surcharges for special designs and certificate

smooth running selected (LR)	+ 20 %
extra oil resistance (7705)	+ 50 %
extra heat resistance (XHR)	+ 20 %
with lining (PKR)	+200 %
electrically conductive (EL)	+ 20 %
+ test certificate	

#### Special designs (covered V-belts)

In the case of less than the standard purchase amount (3 production sets), surcharges will be invoiced for short quantities.

The following rules apply:

2 production sets:	+20 %
1 production set:	+40 %

For some special designs, minimum purchase amounts, depending on the design and length range, can be necessary which are different from the profile-related information.

### Multi-groove Drives

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Multi-groove drives require the ordering of V-belt sets which must be dimensioned accord to the standard specifications. In the case of failure of one V-belt, the complete set must be replaced.

### Abbreviations

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$L_i$  = inner length

$L_a$  = outer length

$L_w/L_p$  = pitch length

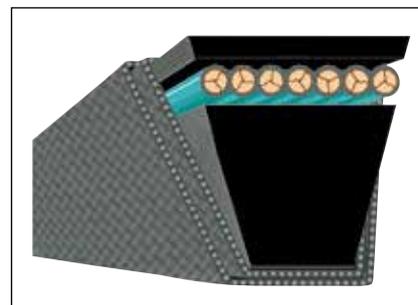
$L_d$  = datum length

(Datum length)

Datum length  $L_d$  = pitch length  $L_w/L_p$

# V-BELT CONVERSION FACTORS AND PROFILE DIMENSIONS

## High performance wedge belt DIN 7753, Part 1/ISO 4184



Profile	Cross sectional area $b \times h \approx$	Lower belt width $b_v \approx$	Effective width $b_w$	Nominal length	Belt length			Recommended minimum pulley diameter mm	Metre weight ( $\approx$ kg/m)	
					Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
SPZ	9.7 x 8	4.2	8.5	Datum length $L_d$	$L_a \approx L_d + 13$ $L_a \approx L_i + 51$	–	$L_i \approx L_d - 38$ $L_i \approx L_a - 51$	Effective diameter $d_w$	63	0.074
SPA	12.7 x 10	5.8	11.0		$L_a \approx L_d + 18$ $L_a \approx L_i + 63$	–	$L_i \approx L_d - 45$ $L_i \approx L_a - 63$		90	0.123
SPB	16.3 x 13	7.3	14.0		$L_a \approx L_d + 22$ $L_a \approx L_i + 82$	–	$L_i \approx L_d - 60$ $L_i \approx L_a - 82$		140	0.195
SPC	22.0 x 18	9.6	19.0		$L_a \approx L_d + 30$ $L_a \approx L_i + 113$	–	$L_i \approx L_d - 38$ $L_i \approx L_a - 113$		224	0.377

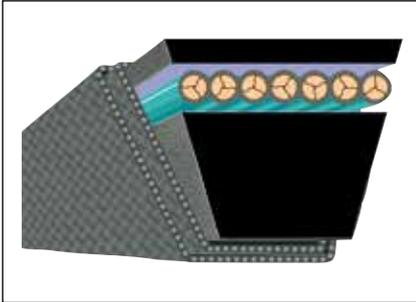
## High performance wedge belt USA standard RMS/MPTA

Profile	Cross sectional area $x \times h \approx$	Lower belt width $b_v \approx$	Effective width $b_w$	Nominal length	Belt length			Recommended minimum pulley diameter mm	Metre weight ( $\approx$ kg/m)	
					Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
3V/9N	9.0 x 8	4.2	–	Outer length $L_a$	–	$L_d \approx L_a - 4^*$	$L_i \approx L_a - 42$	Outer diameter $d_a$	63	0.074
5V/15N	15.0 x 13	7.3	–		–	$L_d \approx L_a - 11^*$	$L_i \approx L_a - 71$		140	0.195
8V/25N	25.0 x 23	9.6	–		–	–	$L_i \approx L_a - 120$		315	0.575

\*The conversion factor for  $L_d$  to  $L_a$  is used when a profile according to DIN 7753 Part 1 or ISO 4184 is to be replaced by a corresponding profile according to RMA/MPTA.

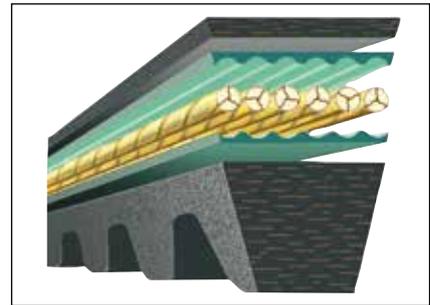
# V-BELT CONVERSION FACTORS AND PROFILE DIMENSIONS

## Classical V-belts DIN 2215 / ISO 4184



Profile	Cross sectional area $b \times h \approx$	Lower belt width $b_u \approx$	Effective width $b_w$	Nominal length	Belt length			Recommended minimum pulley diameter mm	Metre weight ( $\approx$ kg/m)	
					Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
5*	5.0 x 3	2.8	4.2	inner length $L_i$ or Datum length $L_d$	$L_a \approx L_i + 19$ $L_a \approx L_d + 8$	$L_d \approx L_i + 11$ $L_d \approx L_a - 8$	-	Effective diameter $d_w$	20	0.018
Y/6*	6.0 x 4	3.3	5.3		$L_a \approx L_i + 25$ $L_a \approx L_d + 10$	$L_d \approx L_i + 15$ $L_d \approx L_a - 10$	-		28	0.026
8*	8.0 x 5	4.5	6.7		$L_a \approx L_i + 31$ $L_a \approx L_d + 12$	$L_d \approx L_i + 19$ $L_d \approx L_a - 12$	-		40	0.042
Z/10	10.0 x 6	5.9	8.5		$L_a \approx L_i + 38$ $L_a \approx L_d + 16$	$L_d \approx L_i + 22$ $L_d \approx L_a - 16$	-		50	0.064
A/13	13.0 x 8	7.5	11.0		$L_a \approx L_i + 50$ $L_a \approx L_d + 20$	$L_d \approx L_i + 30$ $L_d \approx L_a - 20$	-		71	0.109
B/17	17.0 x 11	9.4	14.0		$L_a \approx L_i + 69$ $L_a \approx L_d + 29$	$L_d \approx L_i + 40$ $L_d \approx L_a - 29$	-		112	0.196
20	20.0 x 12.5	11.4	17.0		$L_a \approx L_i + 79$ $L_a \approx L_d + 31$	$L_d \approx L_i + 48$ $L_d \approx L_a - 31$	-		160	0.266
C/22	22.0 x 14	12.3	19.0		$L_a \approx L_i + 88$ $L_a \approx L_d + 30$	$L_d \approx L_i + 58$ $L_d \approx L_a - 30$	-		180	0.324
25	25.0 x 16	14.0	21.0		$L_a \approx L_i + 100$ $L_a \approx L_d + 39$	$L_d \approx L_i + 61$ $L_d \approx L_a - 39$	-		250	0.420
D/32	32.0 x 20	18.2	27.0		$L_a \approx L_i + 126$ $L_a \approx L_d + 51$	$L_d \approx L_i + 75$ $L_d \approx L_a - 51$	-		355	0.668
E/40	40.0 x 25	22.8	32.0	$L_a \approx L_i + 157$ $L_a \approx L_d + 77$	$L_d \approx L_i + 80$ $L_d \approx L_a - 77$	-	500	0.958		

# V-BELT CONVERSION FACTORS AND PROFILE DIMENSIONS



## High performance wedge belts – open-flank, raw edge – DIN 7753 Part 1

Profile	Cross sectional area bxh ≈	Lower belt width bu ≈	Effective width bw	Nom-inal length	Belt length			Recommended minimum pulley diameter mm	Metre weight (≈ kg/m)	
					Outer length La	Datum length Ld	Inner length Li			
XPZ	9.7 x 8	4.2	8.5	Datum length L <sub>d</sub>	L <sub>a</sub> ≈ L <sub>d</sub> + 13 L <sub>a</sub> ≈ L <sub>i</sub> + 51	–	L <sub>i</sub> ≈ L <sub>d</sub> – 38 L <sub>i</sub> ≈ L <sub>a</sub> – 51	Effective diameter d <sub>w</sub>	56	0.069
XPA	12.7 x 10	5.8	11.0		L <sub>a</sub> ≈ L <sub>d</sub> + 18 L <sub>a</sub> ≈ L <sub>i</sub> + 63	–	L <sub>i</sub> ≈ L <sub>d</sub> – 45 L <sub>i</sub> ≈ L <sub>a</sub> – 63		71	0.106
XPB	16.3 x 13	7.3	14.0		L <sub>a</sub> ≈ L <sub>d</sub> + 22 L <sub>a</sub> ≈ L <sub>i</sub> + 82	–	L <sub>i</sub> ≈ L <sub>d</sub> – 60 L <sub>i</sub> ≈ L <sub>a</sub> – 82		112	0.195
XPC	22.0 x 18	9.6	19.0		L <sub>a</sub> ≈ L <sub>d</sub> + 30 L <sub>a</sub> ≈ L <sub>i</sub> + 113	–	L <sub>i</sub> ≈ L <sub>d</sub> – 38 L <sub>i</sub> ≈ L <sub>a</sub> – 113		180	0.343

## High performance wedge belts – open-flank, raw edge – USA standard RMA/MPTA

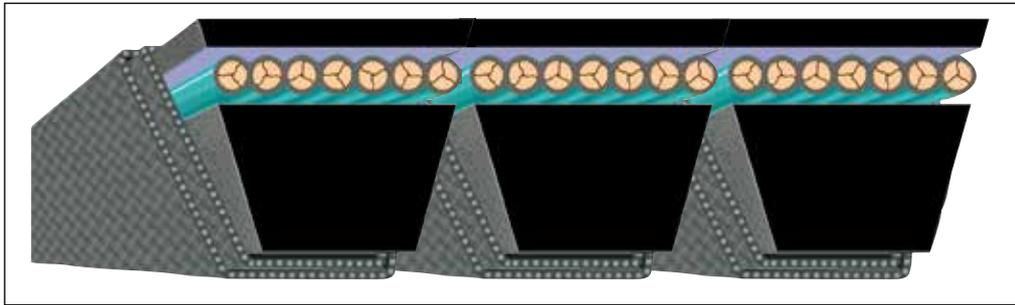
Profile	Cross sectional area bxh ≈	Lower belt width bu ≈	Effective width bw	Nom-inal length	Belt length			Recommended minimum pulley diameter mm	Metre weight (≈ kg/m)	
					Outer length La	Datum length Ld	Inner length Li			
3VX	9.0 x 8	4.2	–	Outer length L <sub>a</sub>	–	L <sub>d</sub> ≈ L <sub>a</sub> – 4*	L <sub>i</sub> ≈ L <sub>a</sub> – 42	Outer diameter d <sub>a</sub>	56	0.069
5VX	15.0 x 13	7.3	–	L <sub>a</sub>	–	L <sub>d</sub> ≈ L <sub>a</sub> – 11*	L <sub>i</sub> ≈ L <sub>a</sub> – 71		112	0.195

\*The conversion factor for Ld to La is used when a profile according to DIN 7753 Part 1 or ISO 4184 is to be replaced by a corresponding profile according to RMA/MPTA.

## V-belts – open-flank, raw edge

Profile	Cross sectional area bxh ≈	Lower belt width bu ≈	Effective width bw	Nom-inal length	Belt length			Recommended minimum pulley diameter mm	Metre weight (≈ kg/m)	
					Outer length La	Datum length Ld	Inner length Li			
ZX/X10	10.0 x 6	5.9	8.5	Datum length L <sub>d</sub>	L <sub>a</sub> ≈ L <sub>i</sub> + 38 L <sub>a</sub> ≈ L <sub>d</sub> + 16	–	L <sub>i</sub> ≈ L <sub>d</sub> – 22 L <sub>i</sub> ≈ L <sub>a</sub> – 38	Effective diameter d <sub>w</sub>	40	0.062
AX/X13	13.0 x 8	7.5	11.0		L <sub>a</sub> ≈ L <sub>i</sub> + 50 L <sub>a</sub> ≈ L <sub>d</sub> + 20	–	L <sub>i</sub> ≈ L <sub>d</sub> – 30 L <sub>i</sub> ≈ L <sub>a</sub> – 50		63	0.099
BX/X17	17.0 x 11	9.4	14.0		L <sub>a</sub> ≈ L <sub>i</sub> + 69 L <sub>a</sub> ≈ L <sub>d</sub> + 29	–	L <sub>i</sub> ≈ L <sub>d</sub> – 40 L <sub>i</sub> ≈ L <sub>a</sub> – 49		90	0.165
CX/X22	22.0 x 14	12.3	19.0		L <sub>a</sub> ≈ L <sub>i</sub> + 88 L <sub>a</sub> ≈ L <sub>d</sub> + 30	–	L <sub>i</sub> ≈ L <sub>d</sub> – 58 L <sub>i</sub> ≈ L <sub>a</sub> – 88		140	0.276

# V-BELT CONVERSION FACTORS AND PROFILE DIMENSIONS



## Banded V-belts with high performance wedge belt ISO 5290

Profile	Height $h \approx$	$b_i \approx$ of the individual belt	Nominal length	Belt length			Recommended minimum pulley diameter mm	Weight per metre for 1 rib ( $\approx$ kg/m)	
				Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
3V/9J 3VX/9JX	9.9	4.2	Outer length $L_a$	-	-	$L_i \approx L_a - 42$	Outer diameter $d_a$	67	0.122
5V/15J 5VX/15JX	15.1	7.3		-	-	$L_i \approx L_a - 71$		160	0.252
8V/25J	25.1	9.6		-	-	$L_i \approx L_a - 120$		315	0.693

## Banded V-belts with high performance wedge belt

Profile	Height $h \approx$	$b_i \approx$ of the individual belt	Nominal length	Belt length			Recommended minimum pulley diameter mm	Weight per metre for 1 rib ( $\approx$ kg/m)	
				Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
SPZ	10.5	5.4	Datum length $L_a$	$L_a \approx L_d + 13$	-	-	Datum diameter $d_d$	80	0.120
SPA	12.5	7.0		$L_a \approx L_d + 18$	-	-		112	0.166
SPB	15.6	8.8		$L_a \approx L_d + 22$	-	-		180	0.261
SPC	22.6	9.3		$L_a \approx L_d + 24$	-	-		250	0.555

### Banded V-belts USA standard RMA/MPTA

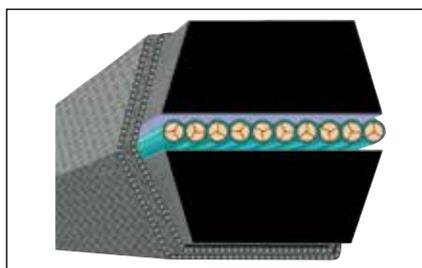
Profile	Height $h \approx$	$b_i \approx$ of the individual belt	Nominal length	Belt length			Recommended minimum pulley diameter mm	Weight per metre for 1 rib ( $\approx$ kg/m)	
				Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
A	9.9	7.5	Inner length $L_i$	$L_a \approx L_i + 36$	$L_d \approx L_i + 30$	–	Outer diameter $d_a$	80	0.163
B	13.0	9.4		$L_a \approx L_i + 62$	$L_d \approx L_i + 40$	–		125	0.266
C	16.2	12.3		$L_a \approx L_i + 75$	$L_d \approx L_i + 58$	–		200	0.447
D	22.4	18.2		$L_a \approx L_i + 111$	$L_d \approx L_i + 75$	–		355	0.798

### Banded V-belts USA standard ASAE S 211.5

Profile	Height $h \approx$	$b_i \approx$ of the individual belt	Nominal length	Belt length			Recommended minimum pulley diameter mm	Weight per metre for 1 rib ( $\approx$ kg/m)	
				Outer length $L_a$	Datum length $L_d$	Inner length $L_i$			
HA	9.9	7.5	Outer length $L_a$	–	–	$L_i \approx L_a - 36$	Outer diameter $d_a$	80	0.163
HB	13.0	9.4		$L_i \approx L_a - 62$	125	0.266			
HC	16.2	12.3		$L_i \approx L_a - 75$	200	0.447			
HD	22.4	18.2		$L_i \approx L_a - 111$	355	0.798			

The width of the banded V-belts depends on the number of ribs.

# V-BELT CONVERSION FACTORS AND PROFILE DIMENSIONS



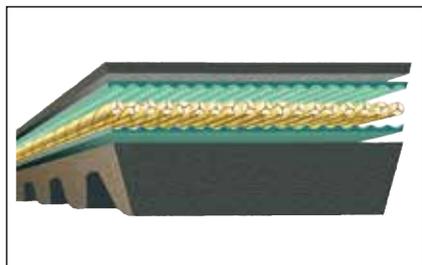
## Double V-belts DIN 7722/ ISO 5289

Profile	Cross sectional area $b \times h \approx$	Lower belt width $b_u \approx$	Nominal length	Belt length $L_a$	Recommended minimum pulley diameter mm	Metre weight ( $\approx$ kg/m)	
AA/HAA	13 x 10	–	Reference length	Belt length = middle length – 4	Outer diameter $d_a$	80	0.150
BB/HBB	17 x 13	–		Belt length = middle length – 8		125	0.250
CC/HCC	22 x 17	–		Belt length = middle length + 3		224	0.440
DD/HDD	32 x 25	–		Reference length = middle length		355	0.935

## Double V-belts Special Profiles

Profile	Cross sectional area $b \times h \approx$	Lower belt width $b_u \approx$	Nominal length	Belt length $L_a$	Recommended minimum pulley diameter mm	Metre weight ( $\approx$ kg/m)	
22 x 22	22 x 22	–	Reference length	Reference length = middle length	Outer diameter $d_a$	280	0.511
25 x 22	25 x 22	–		Reference length = middle length		280	0.625

## Wide V-belts – open-flank, raw edge



Old Name	00	0	10	20	30/40	50	60/70
New Name	03	05	10	20	40	50	70
b (mm)	13	22	28	37	47	55	70
h (mm)	6	8	9	10	13	16	18
u (mm)	10.6	18.5	24	32	40	47	61
$a^\circ$	25	25	25	28	28	28	28
Weight in kg/m	0.089	0.213	0.307	0.445	0.695	0.995	1.4

# HIGH PERFORMANCE WEDGE BELT



## High performance wedge belt, profile SPZ – DIN 7753 Part 1 / ISO 4184

**Properties:**

- good power transfer

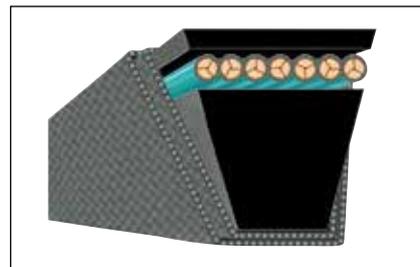
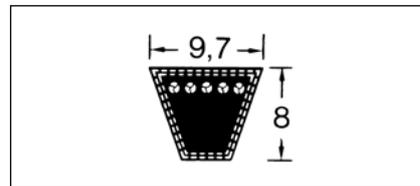
**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 4500 mm

**Weight:** 0.074 kg/m

**Length name:** Lw

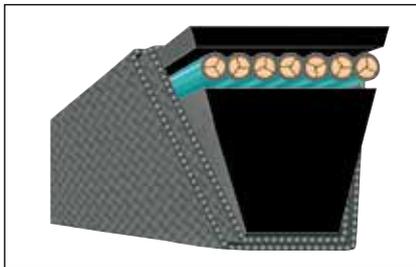
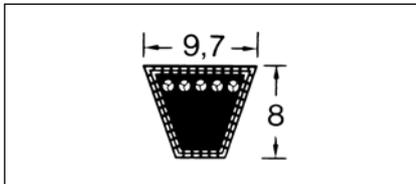


Item No.	Datum length in mm	
129250	487	8.84
129790	512	8.84
129800	562	8.84
129810	587	8.84
129820	612	8.84
129300	630	9.24
129840	637	9.24
129850	662	9.24
129310	670	9.24
129880	677	9.24
129890	687	9.24
129900	697	9.24
129320	710	9.24
129930	722	9.24
129940	737	9.24
129330	750	9.24
129340	762	9.24
129350	772	9.24
129990	787	9.24
130000	800	9.24
130010	812	9.77
129380	825	9.77
130030	837	9.77
129400	850	9.77
130050	862	9.77
129410	875	9.77
134090	887	9.77
129420	900	9.77
130090	912	10.67
130100	922	10.67
129430	925	10.67
457560	937	10.67
129440	950	10.67
130140	962	10.67
130150	970	10.42
457570	987	10.67
129450	1000	10.67
443800	1012	11.87
129460	1024	11.87
130220	1037	11.87
130230	1047	11.87
129470	1060	11.87
129480	1077	12.01
130260	1087	12.01

Item No.	Datum length in mm	
130270	1112	12.01
129500	1120	12.01
130290	1127	13.47
406730	1137	13.47
457600	1162	13.53
130330	1171	13.47
129510	1180	13.47
457610	1187	13.74
130360	1202	13.74
130370	1212	13.74
133980	1237	13.74
129530	1250	13.74
130410	1262	14.78
457630	1287	14.78
130430	1312	14.78
129540	1320	14.86
130450	1337	15.30
130460	1347	15.30
130470	1362	15.30
457650	1387	15.30
129560	1400	15.30
130500	1412	16.36
457670	1437	16.36
457680	1462	16.36
130530	1487	16.36
129570	1500	16.36
406760	1512	17.81
130670	1520	17.81
130560	1537	17.81
457690	1562	17.81
130580	1587	17.81
129580	1600	17.85
457920	1612	19.25
130610	1637	19.25
457940	1662	19.25
406770	1687	19.25
129590	1700	19.29
130650	1712	19.51
130660	1737	19.51
406790	1762	19.62
406800	1787	19.62
129600	1800	19.51
406810	1812	20.71
406820	1837	20.71

# NARROW V-BELT COVERED

## Continued: High-performance narrow V belts, profile SPZ – DIN 7753 Part 1 / ISO 4184



**Properties:**

- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 4500 mm

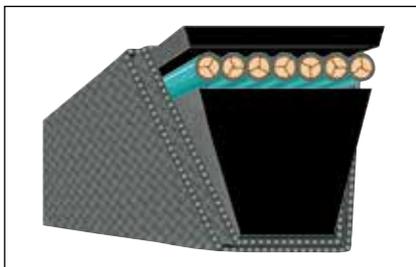
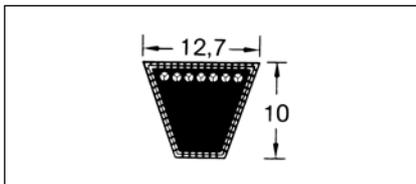
**Weight:** 0.074 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
130720	1850	20.71
129610	1862	20.71
129620	1887	20.71
129630	1900	20.71
406840	1937	22.16
129660	1987	22.16
129670	2000	22.16
129690	2037	22.44
426400	2087	22.44
129710	2120	22.44
129720	2137	23.36
1008480	2160	23.88

Item No.	Datum length in mm	
129750	2187	23.36
131370	2240	24.69
406900	2287	25.61
406920	2360	25.61
4408540	2487	25.61
406930	2500	27.98
458060	2650	28.91
406950	2800	31.55
129770	3000	32.20
438800	3150	33.64
438810	3350	35.75
129780	3550	37.48

## High-performance narrow V belts, profile SPA – DIN 7753 Part 1 / ISO 4184



**Properties:**

- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 4500 mm

**Weight:** 0.123 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
132290	732	12.01
132300	757	12.01
132310	782	12.01
131470	800	12.01
132330	807	13.59
132340	832	13.59
131490	850	13.59
132360	857	13.59
132370	882	13.59

Item No.	Datum length in mm	
131500	900	13.59
132390	907	15.04
132400	925	15.04
394980	932	15.04
131510	950	15.04
132420	957	15.04
131530	982	15.04
131540	1000	15.04
132460	1007	17.16

# NARROW V-BELT COVERED



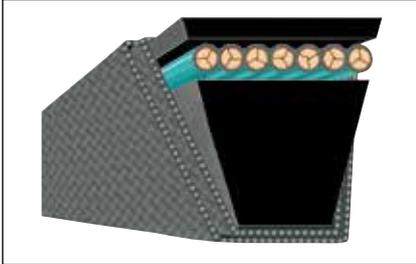
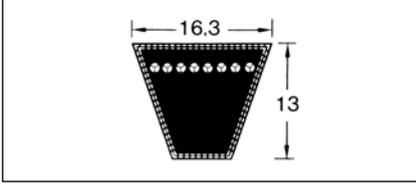
## High-performance narrow V belts, profile SPA – DIN 7753 Part 1 / ISO 4184

Item No.	Datum length in mm	
132470	1032	17.16
407480	1042	17.16
134010	1060	17.16
131550	1082	17.16
132510	1100	17.16
395000	1107	17.16
131560	1120	17.16
134100	1132	18.87
131570	1157	18.87
132550	1175	18.87
407660	1180	18.87
131580	1207	18.87
458220	1232	18.87
407370	1250	19.07
132600	1257	20.46
132610	1272	20.46
131610	1282	20.46
431040	1307	20.46
131620	1320	20.46
131630	1332	21.77
458230	1357	21.77
132670	1375	21.77
134020	1382	21.77
131640	1400	21.77
132700	1407	22.71
132710	1425	22.71
132720	1432	22.71
131660	1457	22.71
131670	1482	22.71
132750	1500	22.71
443770	1507	23.48
407380	1532	23.48
132780	1557	23.48
132790	1582	23.48
132800	1600	23.48
131710	1607	25.86
132820	1632	25.86
131730	1657	25.86
132840	1675	25.86
132850	1682	25.86
407390	1700	25.86
131750	1707	26.79
132880	1732	26.79
407400	1757	26.79
131770	1782	26.79
131780	1800	26.79
132920	1807	28.76
131810	1832	28.76
132940	1857	28.76
131830	1882	28.76
132960	1900	28.76
131840	1907	30.22

Item No.	Datum length in mm	
132980	1925	30.22
132990	1932	30.22
131860	1957	30.22
133010	1982	30.22
131870	2000	30.22
131880	2032	31.55
131890	2057	31.55
131900	2082	31.55
131910	2120	31.55
131920	2132	32.99
414100	2182	32.99
131930	2207	32.99
133090	2227	32.99
131940	2232	33.04
131950	2240	32.99
131960	2282	34.19
458340	2300	34.19
131970	2307	34.19
131980	2332	34.19
131990	2360	34.19
132000	2382	34.19
132010	2432	36.28
464410	2475	36.28
132020	2482	36.28
133160	2500	36.28
132040	2532	38.92
132050	2582	38.92
132060	2607	38.92
132070	2632	38.92
454840	2650	38.92
132080	2682	40.79
132090	2732	40.79
132100	2782	40.79
132110	2800	40.79
132120	2832	43.80
132130	2882	43.80
132140	2932	43.80
132150	2982	43.80
132160	3000	43.80
407420	3032	46.06
132170	3082	46.06
132180	3150	46.06
132190	3182	48.56
132200	3282	48.56
132210	3350	48.56
132220	3382	53.33
132240	3550	53.33
132250	3750	55.69
407430	4000	59.25
132260	4250	60.57
438790	4500	65.32

# NARROW V-BELT COVERED

## High-performance narrow V belts, profile SPB – DIN 7753 Part 1 / ISO 4184



**Properties:**

- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 10000 mm

**Weight:** 0.195 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
134240	1250	27.17
134250	1320	27.98
134260	1400	30.08
1074450	1450	32.20
134270	1500	32.20
134280	1600	34.19
134290	1700	36.57
134300	1800	38.66
458640	1860	40.12
134310	1900	40.79
1074470	1950	43.42
134320	2000	43.67
870220	2020	43.67
867550	2098	45.78
134330	2120	45.78
796780	2150	45.78
134340	2240	48.96
421420	2264	48.96
776370	2280	48.96
1074480	2310	50.80
134350	2360	50.80
1074500	2391	52.40
10051553	2400	46.90
435750	2410	52.40
134360	2500	54.55
1074490	2518	54.37
1074510	2530	54.37
134370	2650	57.66
443670	2680	58.07

Item No.	Datum length in mm	
134380	2800	61.10
840180	2840	61.49
1074520	2990	65.05
134390	3000	65.14
499680	3150	66.64
1013260	3170	66.64
4015180	3250	70.72
134420	3350	70.72
10051557	3450	76.26
134430	3550	76.26
10079459	3650	80.76
134440	3750	80.76
1074540	3800	81.69
134450	4000	85.12
853520	4060	86.05
134460	4250	90.27
1074550	4310	90.92
134470	4500	95.80
134480	4750	102.27
134490	5000	106.77
443200	5300	113.62
431050	5600	121.01
1074570	5680	121.27
431060	6000	128.54
134500	6300	134.32
1074590	6700	143.56
1074600	7100	154.79
1074610	7500	159.40
1074620	8000	170.24

# NARROW V-BELT COVERED



## High-performance narrow V belts, profile SPC – DIN 7753 Part 1 / ISO 4184

**Properties:**

- good power transfer

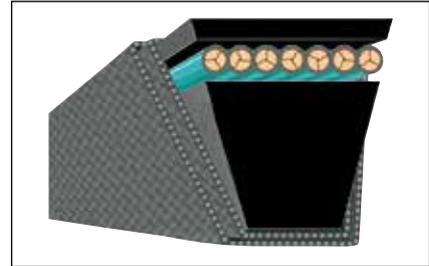
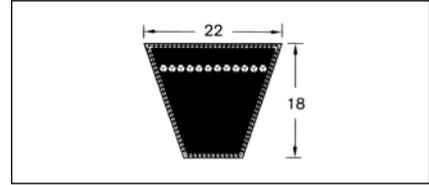
**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 18000 mm

**Weight:** 0.377 kg/m

**Length name:** Lw



Item No.	Datum length in mm	
135060	2000	69.14
422380	2120	72.58
1052740	2240	76.53
1075080	2360	81.69
420710	2500	85.12
151050	2650	90.92
426490	2800	96.15
443680	3000	102.66
431070	3150	103.47
872770	3350	108.60
608140	3550	114.68
422230	3750	121.40
135070	4000	131.69
928020	4250	137.90
1075090	4500	144.10
1052760	4750	156.37
1052770	5000	164.16

Item No.	Datum length in mm	
1052790	5300	174.84
1034350	5600	195.03
135080	6000	204.26
1052810	6300	221.30
1052820	6700	232.12
1052840	7100	253.75
1052850	7500	263.13
135090	8000	281.74
1075120	8500	295.59
1075130	9000	318.69
1075140	9500	332.80
1075150	10000	348.24
1075160	10600	368.29
1075170	11200	397.85
1075180	12000	413.30
1075200	12500	441.14

## High-performance narrow V belts, profile 3V/9N – US standard RMA/MPTA

**Properties:**

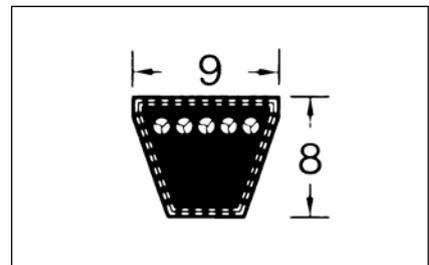
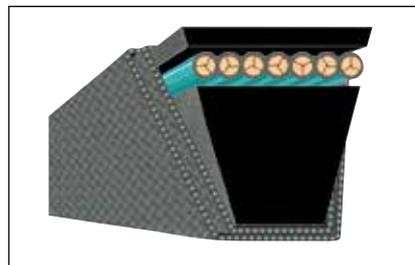
- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 4250 mm

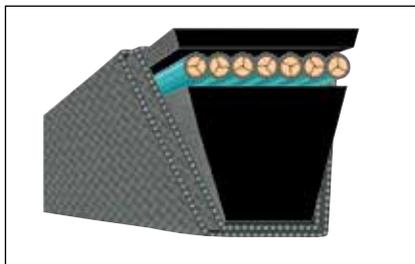
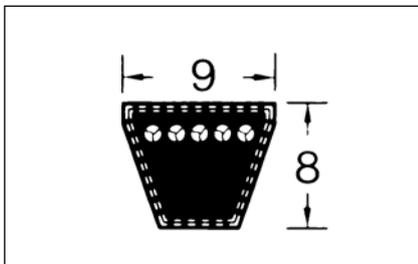
**Weight:** 0.074 kg/m



Item No.	Inches	Outer length in mm	
4047130	3V 250	9N 635	9.24
4047140	3V 265	9N 673	9.24
4047150	3V 280	9N 711	9.24
4047160	3V 300	9N 762	9.24
4047170	3V 315	9N 800	9.24
4047180	3V 335	9N 851	9.77
4047190	3V 355	9N 902	9.77

# NARROW V-BELT COVERED

**Continued: High-performance narrow V belts, profile 3V/9N – US standard RMA/MPTA**



**Properties:**

- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 4250 mm

**Weight:** 0.074 kg/m

Item No.	Inches	Outer length in mm	
1077630	3V 375	9N 952	10.96
1052880	3V 400	9N 1016	10.96
1076250	3V 425	9N 1079	12.01
1052900	3V 450	9N 1143	13.47
443700	3V 475	9N 1206	13.74
1052940	3V 500	9N 1270	14.78
1076260	3V 530	9N 1346	15.30
1052970	3V 560	9N 1422	16.36
1052980	3V 600	9N 1524	17.81
1076270	3V 630	9N 1600	17.81
1053450	3V 670	9N 1702	19.25
1053480	3V 710	9N 1803	19.51
954400	3V 750	9N 1905	20.71
1053490	3V 800	9N 2032	22.44
1053520	3V 850	9N 2159	23.36
1076280	3V 900	9N 2286	25.61
1076290	3V 950	9N 2413	26.66
1076300	3V 1000	9N 2540	27.98
1053530	3V 1060	9N 2692	28.91
4047200	3V 1120	9N 2845	31.55
4047210	3V 1180	9N 2997	32.20
4047220	3V 1250	9N 3175	33.64
4047230	3V 1320	9N 3353	35.75
4047240	3V 1400	9N 3556	37.48

# NARROW V-BELT COVERED



## High-performance narrow V belts, profile 5V/15N – US standard RMA/MPTA

**Properties:**

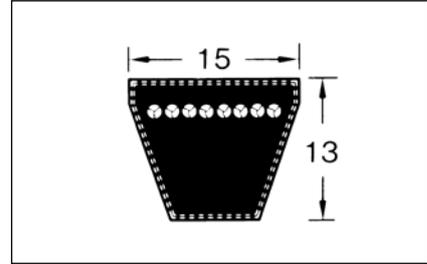
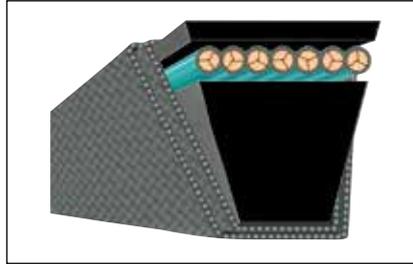
- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 10000 mm

**Weight:** 0.195 kg/m

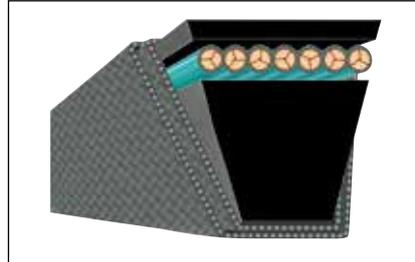
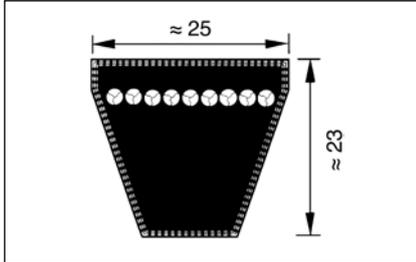


Item No.	Inches	Outer length in mm	
134720	5V 500	15N 1270	27.98
134730	5V 530	15N 1346	27.98
134740	5V 560	15N 1422	30.08
407590	5V 600	15N 1524	31.01
134760	5V 630	15N 1600	34.19
134770	5V 670	15N 1702	36.57
134780	5V 710	15N 1803	38.66
134790	5V 750	15N 1905	40.79
134800	5V 800	15N 2032	43.67
134810	5V 850	15N 2159	45.78
134820	5V 900	15N 2286	49.75
134830	5V 950	15N 2413	51.72
407600	5V 1000	15N 2540	55.43
134840	5V 1060	15N 2692	58.07
134850	5V 1120	15N 2845	61.49
134860	5V 1180	15N 2997	65.32
134870	5V 1250	15N 3175	66.64
134880	5V 1320	15N 3353	70.72
134890	5V 1400	15N 3556	76.26
134900	5V 1500	15N 3810	81.69
134910	5V 1600	15N 4064	86.05
134920	5V 1700	15N 4318	91.17
134930	5V 1800	15N 4572	96.32
134940	5V 1900	15N 4826	103.32
134950	5V 2000	15N 5080	108.33
134960	5V 2120	15N 5385	114.00
134980	5V 2240	15N 5690	122.84
134990	5V 2360	15N 5994	128.54
134970	5V 2500	15N 6350	134.32
135000	5V 2650	15N 6731	143.56
135010	5V 2800	15N 7112	154.79
135020	5V 3000	15N 7620	162.43
135030	5V 3150	15N 8001	171.80
135040	5V 3350	15N 8509	181.06
135050	5V 3550	15N 9017	195.03

# NARROW V-BELT COVERED



## High-performance narrow V belts, profile 8V/25N – US standard RMA/MPTA



**Properties:**

- good power transfer

**Examples of use:**

- construction equipment
- mining
- gear manufacturing
- woodworking machines
- agricultural equipment
- machine tools
- air conditioning

**Max. manufactured length:** 18000 mm

**Weight:** 0.575 kg/m

Item No.	Inches	Outer length in mm	
4068930	8V 1000	25N 2540	130.51
4068940	8V 1120	25N 2845	149.39
4068960	8V 1180	25N 2997	156.37
4068970	8V 1250	25N 3175	157.82
4068980	8V 1320	25N 3353	167.85
4068990	8V 1400	25N 3556	178.01
4069000	8V 1500	25N 3810	187.26
4069010	8V 1600	25N 4064	204.26
4069020	8V 1700	25N 4318	213.49
4069030	8V 1800	25N 4572	227.62
4069040	8V 1900	25N 4826	243.07
4069050	8V 2000	25N 5080	256.93
4069060	8V 2120	25N 5385	270.91
4069070	8V 2240	25N 5690	300.21
4069080	8V 2360	25N 5994	312.62
4069090	8V 2500	25N 6350	334.39
4069100	8V 2650	25N 6731	351.27
4069110	8V 2800	25N 7112	371.34
4069120	8V 3000	25N 7620	400.89
4069130	8V 3150	25N 8001	422.39
4069140	8V 3350	25N 8509	444.16
4069150	8V 3550	25N 9017	472.03
4069160	8V 3750	25N 9525	496.71
4069170	8V 4000	25N 10160	524.53
4069180	8V 4250	25N 10795	557.14
4069190	8V 4500	25N 11430	594.35
4069200	8V 4750	25N 12065	625.22
4069210	8V 5000	25N 12700	656.10

# CONTI-V® PIONEER



## New Generation V-belts

### Clean and ecological

Environmental protection is more than just meeting legal requirements. The objective of forward-looking development is to minimise the stresses for people and the environment using suitable measures, for example

- by preserving resources using renewable raw materials
- by replacing chemical parts with natural ones
- reducing the consumption of energy and release of substances into the environment.

Products which particularly fulfil these requirements are provided on the market under the "BlueConcept" label. The CONTI-V® PIONEER has emerged from this as the first covered V-belt.

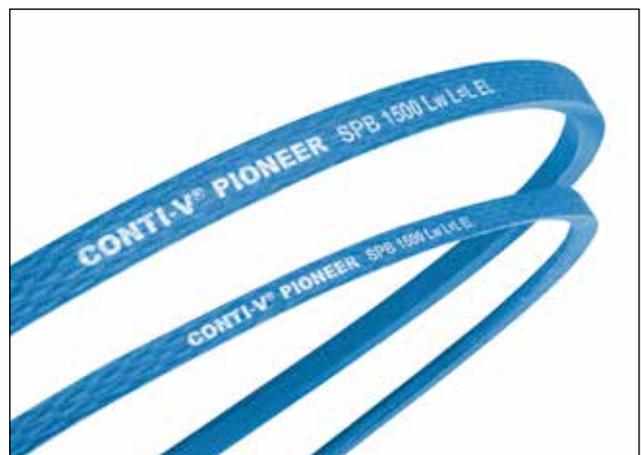
In addition to the ecological benefits due to the use of vegetable oils, mineral fillers, chalk and cotton yarn and by completely dispensing with the use of carbon black, the CONTI-V® PIONEER is just as powerful as the conventional covered V-belts from ContiTech.

- Without soot conductive according to ISO 1813
- High strength and stability
- Low expansion
- Long service life
- Optimum force transmission
- High operational reliability

These characteristics make CONTI-V® PIONEER usable in many machines and systems.

### Advantages

- Strong like conventional V-belts
- Free of harmful substances
- Without soot
- Free of PAC (Polycyclic Aromatic Compounds)
- Electrically conductive
- With cotton fabric
- Produced using vegetable oils and chalk

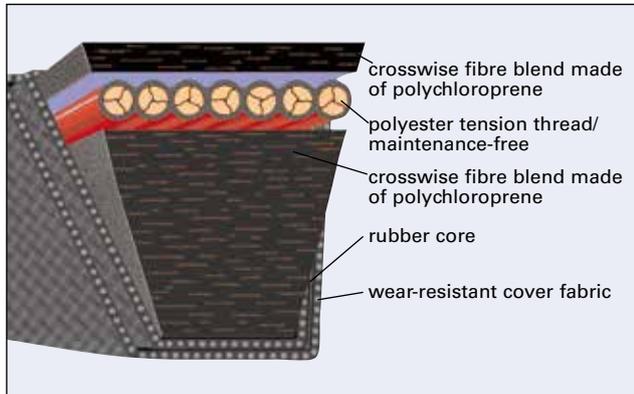


# HIGH-PERFORMANCE NARROW V-BELTS COVERED

## Optibelt RED POWER 3 high performance narrow V-belt

### Design

Optibelt RED POWER 3 high performance narrow V-belt



The cable cord tension thread consists of a special polyester cord for all profiles and cross sections. Due to the special treatment of the tension thread, the Optibelt RED POWER 3 high performance narrow V-belt has very low elongation and is maintenance-free so that retensioning is not necessary.

The fibre blend above and under the tension thread guarantees high dynamic loading of the belt and provides good flexibility in combination with the polyester tension thread.

The cover fabric is distinguished by high wear resistance, bendability and is particularly resistant to abrasion.

### Properties

The high quality components used in combination with the product manufacture make the Optibelt RED POWER 3 a maintenance-free V-belt. The production is constantly monitored using the most modern static and dynamic test equipment. The use for drives with back idler pulleys is guaranteed due to the special design for the Optibelt RED POWER 3. Optibelt RED POWER 3 properties:

- maintenance-free
- high performance
- low cost
- set constant
- environmentally compatible

Optibelt RED POWER 3 V-belts are oil-resistant, heat-resistant and protected against dust as standard. The use of electrically conductive Optibelt RED POWER 3 requires a check of the prescribed properties according to ISO 1813. We verify the electrical conductivity with our acceptance test certificate according to EN 10204 "3.1.B".

### V-belt preload

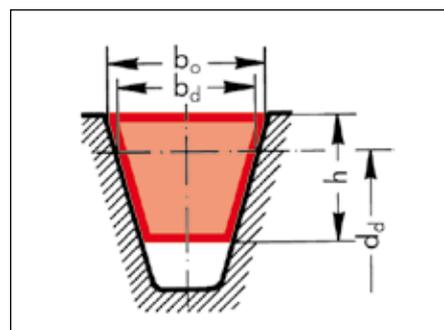
The same calculation methods as for Optibelt Standard V-belts are applicable for the initial installation of RED POWER 3 V-belts. Once they have been correctly preloaded, Optibelt RED POWER 3 V-belts do not need any retensioning procedures.

### Application Area

Optibelt RED POWER 3 high performance narrow V-belts have been specially developed for mechanical engineering. The application areas include compressors, pumps, presses, fan systems and other highly loaded drives.

### Standardisation/Metrics

Optibelt RED POWER 3 narrow V-belts with the profiles SPZ, SPA, SPB, SPC, 3V/9N, 5V/15N and 8V/25N are standardised according to DIN 7753 Part 1, ISO 4184 and RMA/MPTA.



Profile		SPZ	SPA	SPB	SPC
Upper belt width	$b_o$	≈ 9.7	12.7	16.3	22
Datum width	$b_d$	8.5	11	14	19
Belt height	$h$	≈ 8	10	13	18
Recommended minimum Pulley datum diameter	$d_{d\min}$	63	90	140	224
weight per meter (kg/m)		≈ 0.074	0.123	0.195	0.377
Bending cycles ( $s^{-1}$ )	$f_{b\max}$	≈ 100			
Belt speed (m/s)	$v_{\max}$	≈ 55*			

\*  $v > 42$  m/s. Contact our application specialists.

Profile		3V/9N	5V/15N	8V/25N
Upper belt width	$b_o$	≈ 9	15	25
Belt height	$b_d$	8	13	23
Recommended minimum Pulley outer diameter	$d_{d\min}$	63	140	335
weight per meter (kg/m)		≈ 0.074	0.195	0.575
Bending cycles ( $s^{-1}$ )	$f_{b\max}$	≈ 100		
Belt speed (m/s)	$v_{\max}$	≈ 55*		

\*  $v > 42$  m/s. Contact our application specialists.

# NARROW V-BELT COVERED



## High-performance narrow V belts Red Power 3, profile SPZ – DIN 7753 Part 1 / ISO 4184

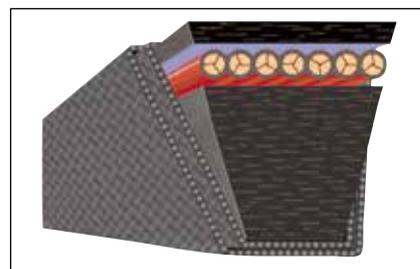
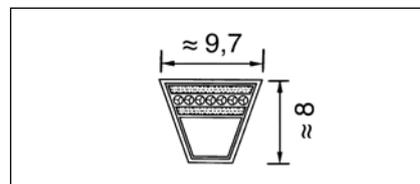
**Properties:**

- up to 50 percent more performance (compared to standard V-belts)
- maintenance-free
- up to 97 percent efficiency
- anti static according to ISO 1813, ATEX compatible
- compatible for backside idlers
- S=C set constant, always at nominal dimension
- higher service life

**Max. manufactured length:** 4000 mm

**Weight:** 0.074 kg/m

**Length name:** Ld

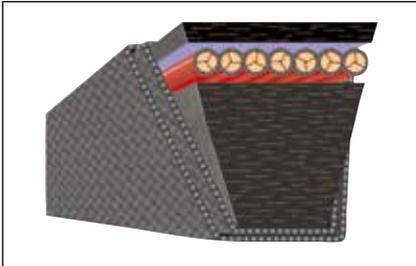
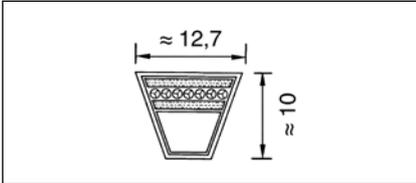


Item No.	Datum length in mm	
10086994	1202	20.46
10086995	1212	20.46
10086998	1237	20.46
10086999	1250	20.46
10087000	1262	21.50
10087002	1287	21.50
10087004	1312	21.50
10087009	1320	21.50
10087010	1337	22.56
10087012	1362	22.56
10087013	1387	22.56
10087015	1400	22.56
10087016	1412	23.74
10087018	1437	23.74
10087022	1462	23.74
10087024	1487	23.74
10087025	1500	23.74
10087027	1512	26.13
10087028	1537	26.13
10087029	1562	26.13
10087031	1587	26.13
10087032	1600	26.13
10087034	1612	28.10
10087035	1637	28.10
10087036	1662	28.10
10087037	1687	28.10

Item No.	Datum length in mm	
10087038	1700	28.10
10087039	1737	28.64
10087040	1762	28.64
10087041	1787	28.64
10087042	1800	28.64
10087043	1837	30.74
10087044	1862	30.74
10087045	1887	30.74
10087046	1900	30.74
10087048	1937	32.72
10087049	1987	32.72
10087050	2000	32.72
10087052	2037	33.26
10087053	2120	33.26
10087054	2137	34.58
10087055	2187	34.58
10087056	2240	36.17
10087057	2287	37.60
10087058	2360	37.60
10087059	2500	41.04
10087060	2650	42.61
10087061	2800	46.45
10087062	3000	47.39
10087063	3150	49.88
10087065	3350	52.66
10087066	3550	55.16

# NARROW V-BELT COVERED

## High-performance narrow V belts Red Power 3, profile SPA – DIN 7753 Part 1 / ISO 4184



**Properties:**

- up to 50 percent more performance (compared to standard V-belts)
- maintenance-free
- up to 97 percent efficiency
- anti static according to ISO 1813, ATEX compatible
- compatible for backside idlers
- S=C set constant, always at nominal dimension
- higher service life

**Max. manufactured length:** 4000 mm

**Weight:** 0.123 kg/m

**Length name:** Ld

Item No.	Datum length in mm	
10086086	1207	27.72
10086095	1232	27.72
10086098	1250	27.72
10086099	1257	30.22
10086100	1282	30.22
10086101	1307	30.22
10086103	1320	30.22
10086104	1332	32.07
10086105	1357	32.07
10086106	1382	32.07
10086107	1400	32.07
10086108	1407	33.53
10086109	1432	33.53
10086110	1457	33.53
10086102	1482	33.53
10086113	1500	33.53
10086114	1507	34.96
10086118	1532	34.96
10086119	1557	34.96
10086122	1582	34.96
10086123	1600	34.96
10086124	1607	37.87
10086125	1632	37.87
10086127	1657	37.87
10086128	1682	37.87
10086129	1700	37.87
10086130	1707	39.20
10086132	1732	39.20
10086134	1757	39.20
10086135	1782	39.20
10086164	1800	39.20
10086165	1807	42.51
10086166	1832	42.51
10086167	1857	42.51
10086168	1882	42.51
10086170	1900	42.51
10086171	1907	44.21
10086172	1932	44.21
10086173	1957	44.21
10086175	1982	44.21
10086176	2000	44.21
10086177	2032	46.45

Item No.	Datum length in mm	
10086179	2057	46.45
10086180	2082	46.45
10086181	2120	46.45
10086182	2132	48.81
10086183	2182	48.81
10086185	2207	48.81
10086186	2232	48.81
10086187	2240	48.81
10086188	2282	50.69
10086191	2300	50.69
10086193	2307	50.69
10086194	2332	50.69
10086195	2360	50.69
10086196	2382	50.69
10086198	2432	53.58
10086199	2482	53.58
10086200	2500	53.58
10086201	2532	57.66
10086202	2582	57.66
10086204	2607	57.66
10086206	2632	57.66
10086207	2650	57.66
10086208	2682	60.44
10086209	2732	60.44
10086211	2782	60.44
10086213	2800	60.44
10086233	2832	64.53
10086234	2847	64.53
10086235	2882	64.53
10086236	2932	64.53
10086237	2982	64.53
10086238	3000	64.53
10086239	3032	67.96
10086241	3082	67.96
10086242	3150	67.96
10086243	3182	71.79
10086245	3282	71.79
10086246	3350	71.79
10086247	3382	78.51
10086248	3550	78.51
10086249	3750	81.95
10086250	4000	87.37

# NARROW V-BELT COVERED



## High-performance narrow V belts Red Power 3, profile SPB – DIN 7753 Part 1 / ISO 4184

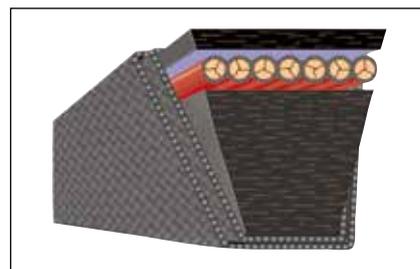
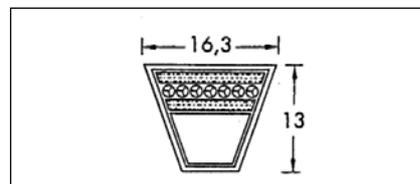
**Properties:**

- up to 50 percent more performance (compared to standard V-belts)
- maintenance-free
- up to 97 percent efficiency
- anti static according to ISO 1813, ATEX compatible
- compatible for backside idlers
- S=C set constant, always at nominal dimension
- higher service life

**Max. manufactured length:** 8000 mm

**Weight:** 0.195 kg/m

**Length name:** Ld

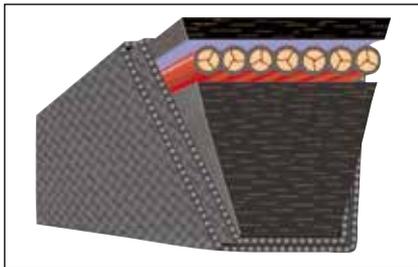
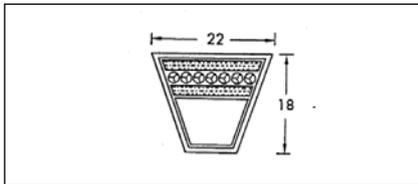


Item No.	Datum length in mm	
10086368	1250	39.97
10086370	1320	41.04
10086371	1400	44.07
10086389	1500	47.39
10086373	1600	50.69
10086376	1700	53.96
10086377	1800	57.14
10086378	1900	60.44
10086379	2000	64.11
10086380	2120	67.69
10086381	2240	72.19
10086382	2360	74.68
10086383	2500	80.23
10086384	2650	84.59
10086385	2800	90.00
10086386	3000	95.67
10086387	3150	98.19

Item No.	Datum length in mm	
10086388	3350	104.24
10086390	3550	112.30
10086391	3750	119.03
10086392	4000	125.48
10086393	4250	143.05
10086395	4500	152.15
10086396	4750	162.43
10086397	5000	168.64
10086398	5300	181.06
10086399	5600	193.45
10086401	6000	204.26
10086402	6300	213.49
10086403	6700	227.62
10086404	7100	246.11
10086406	7500	252.15
10086407	8000	269.32

# NARROW V-BELT COVERED

## High-performance narrow V belts Red Power 3, profile SPC – DIN 7753 Part 1 / ISO 4184



**Properties:**

- up to 50 percent more performance (compared to standard V-belts)
- maintenance-free
- up to 97 percent efficiency
- anti static according to ISO 1813, ATEX compatible
- compatible for backside idlers
- S=C set constant, always at nominal dimension
- higher service life

**Max. manufactured length:** 10000 mm

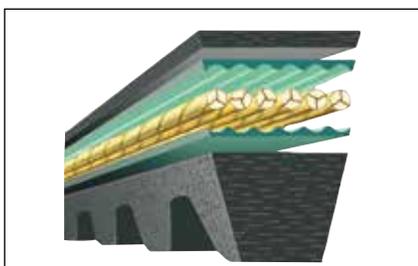
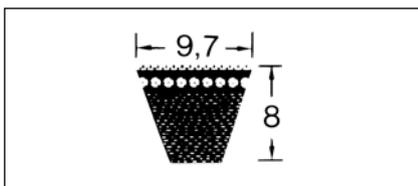
**Weight:** 0.377 kg/m

**Length name:** Ld

Item No.	Datum length in mm	
10086683	2000	101.87
10086684	2120	107.03
10086685	2240	112.82
10086687	2360	120.20
10086688	2500	125.48
10086689	2650	134.06
10086691	2800	141.73
10086692	3000	150.97
10086693	3150	152.29
10086694	3350	159.40
10086697	3550	168.64
10086786	3750	179.61
10086788	4000	195.03
10086789	4250	219.72
10086791	4500	229.08

Item No.	Datum length in mm	
10086793	4750	247.55
10086795	5000	261.56
10086796	5300	276.99
10086797	5600	311.04
10086800	6000	325.01
10086801	6300	351.27
10086803	6700	368.29
10086804	7100	402.35
10086805	7500	416.34
10086806	8000	445.62
10086120	8500	469.11
10090794	9000	504.38
10090797	9500	527.43
10086682	10000	551.19

## Narrow V-belt profile XPZ – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long service life

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.069 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
135540	587	9.77
135550	612	9.77
135560	630	9.90
488870	637	9.90
1076380	640	9.90
1076400	660	9.90
135570	662	9.90

Item No.	Datum length in mm	
135580	670	9.90
407090	687	9.90
135590	710	9.90
1076410	730	9.90
407100	737	9.90
135610	750	9.90
135290	762	9.90

# NARROW V-BELT OPEN-FLANK



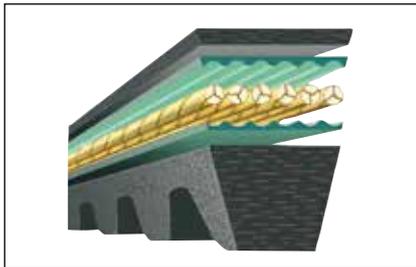
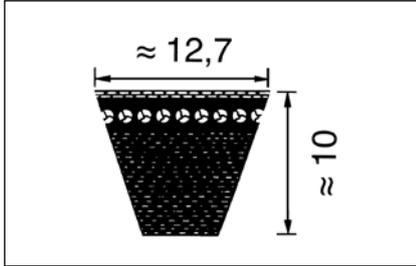
## Narrow V-belt profile XPZ – open-flank, raw edge

Item No.	Datum length in mm	
1076430	772	9.90
1076440	780	9.90
406990	787	9.97
4336870	800	9.90
488890	812	10.67
1076450	820	10.67
407120	825	10.67
135640	837	10.67
135310	850	10.67
984530	860	10.67
407270	862	10.67
407130	875	10.67
1076470	880	10.67
407550	887	10.67
135320	900	10.67
407140	912	11.87
407150	925	11.87
407030	937	11.87
4158360	950	11.87
407160	962	11.87
407690	980	11.87
407050	987	11.87
135340	1000	11.87
407180	1012	13.31
981080	1030	13.31
135680	1037	13.31
135350	1060	13.31
786820	1077	13.74
135700	1087	13.74
1076510	1090	13.74
481870	1112	13.74
135360	1120	13.74
407210	1137	14.78
1076520	1140	14.78
407310	1150	14.78
407220	1162	14.78
135710	1180	14.78
135370	1187	15.04
153880	1202	15.04
135380	1212	15.04
407290	1237	15.04
135390	1250	15.04
407230	1262	16.10
135720	1287	16.10

Item No.	Datum length in mm	
407080	1312	16.10
135400	1320	16.10
134080	1337	17.16
1076570	1340	16.19
407240	1362	17.16
1076590	1380	17.16
407300	1387	17.16
4073380	1400	17.16
135730	1412	17.95
147900	1437	17.95
928030	1450	17.95
407200	1462	17.95
407260	1487	17.95
407320	1500	17.95
135420	1512	19.51
481880	1537	19.51
1076640	1550	19.51
464460	1562	19.51
1076650	1587	19.51
4073390	1600	19.51
1076670	1612	21.13
1076680	1630	21.13
1076690	1650	21.13
10062981	1662	21.13
1061840	1680	21.13
135440	1700	21.13
1076700	1750	21.77
426450	1762	21.77
4073400	1800	21.77
1076710	1850	22.56
135460	1900	22.71
1076720	1950	23.48
135470	2000	26.00
135480	2120	26.39
135490	2240	28.64
135500	2360	29.30
135510	2500	32.72
135520	2650	33.26
135530	2800	36.84
1076730	3000	37.34
1076740	3150	39.58
1076760	3350	41.56
1076770	3550	44.21

# NARROW V-BELT OPEN-FLANK

## Narrow V-belt profile XPA – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long service life

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.106 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
1076620	590	12.29
1076750	630	12.66
1076810	690	13.47
10081853	707	13.74
1076820	710	13.47
117250	732	13.74
135790	757	13.74
135800	782	13.74
117260	800	13.74
135810	807	15.18
1076870	820	15.18
1076880	830	15.18
135820	832	15.19
117270	850	15.18
135450	857	15.18
135830	882	15.18
135840	900	15.18
117280	907	16.76
135850	932	16.76
117290	950	16.76
135860	957	16.76
1076930	960	16.76
1076940	980	16.76
117300	982	16.76
135750	1000	16.93
135870	1007	19.25
117310	1030	19.25
117320	1060	19.29
135890	1082	19.29
1076950	1090	19.25
136290	1107	19.25
117330	1120	19.25
135900	1132	20.85
984540	1140	20.85
488880	1150	20.85
135280	1157	20.85
117340	1180	20.85
135910	1207	20.85
1076960	1210	20.85
1076970	1230	20.85
135920	1232	20.96
135260	1250	20.85

Item No.	Datum length in mm	
135270	1257	22.56
135930	1272	22.56
1076980	1280	22.56
134040	1282	22.56
135940	1307	22.56
4225780	1320	22.56
135960	1332	24.28
1076990	1340	24.28
117350	1357	24.28
1077000	1360	24.28
1077010	1380	24.28
135970	1382	24.28
135980	1400	24.28
135990	1432	26.00
4131050	1450	26.00
136010	1457	26.00
136000	1482	26.00
117370	1500	26.00
458010	1507	26.66
1077030	1530	26.66
481900	1532	26.66
1077040	1550	26.66
458020	1557	26.66
422650	1582	26.66
117380	1600	26.66
408460	1607	28.64
136020	1632	28.64
1077070	1650	28.64
427110	1680	28.64
136030	1700	28.64
10084589	1732	30.22
1077080	1750	30.22
135880	1757	30.22
136040	1800	30.22
1077090	1850	30.62
1077100	1882	32.33
136050	1900	32.33
1077110	1950	34.44
136060	2000	35.90
136070	2120	37.08
117410	2240	38.82
427120	2360	40.52

# NARROW V-BELT OPEN-FLANK



## Narrow V-belt profile XPA – open-flank, raw edge

Item No.	Datum length in mm	
135240	2500	42.77
977690	2650	45.78
977700	2800	48.56
970750	3000	51.46

Item No.	Datum length in mm	
1077120	3150	53.96
1077130	3350	57.54
1077140	3550	62.55

## Narrow V-belt profile XPB – open-flank, raw edge

**Properties:**

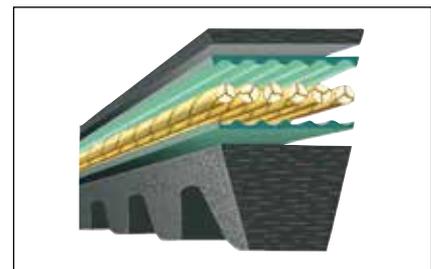
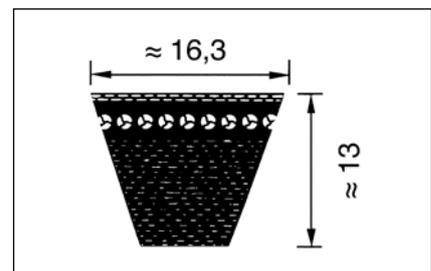
- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long service life

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.195 kg/m

**Length name:** Lw

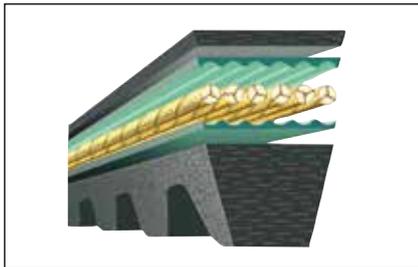
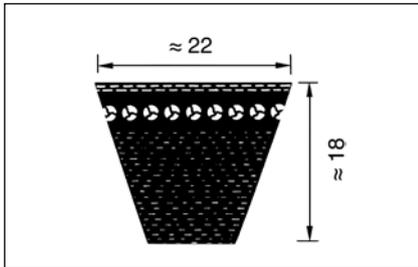


Item No.	Datum length in mm	
133770	1250	30.48
133780	1320	31.01
133790	1400	33.64
133800	1500	34.67
133810	1600	36.84
133820	1700	39.25
133830	1800	41.53
4683250	1850	44.06
133840	1900	44.06
928050	2000	49.15

Item No.	Datum length in mm	
133860	2120	51.94
133870	2240	55.63
133880	2360	57.91
133890	2500	61.48
133900	2650	65.52
133910	2800	69.35
133920	3000	73.66
133930	3150	75.68
133940	3350	80.77
133950	3550	86.36

# NARROW V-BELT OPEN-FLANK

## Narrow V-belt profile XPC – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

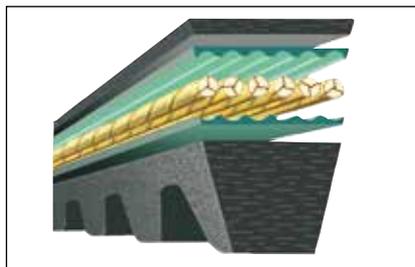
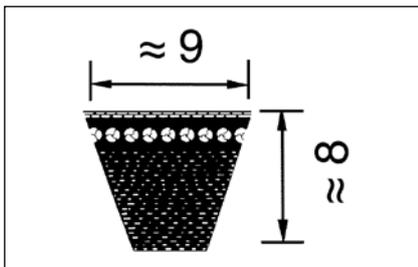
**Weight:** 0.343 kg/m

**Length name:** Lw

Item No.	Datum length in mm	
136270	2000	78.62
4048180	2120	82.44
4048190	2240	87.38
4048200	2360	92.46
136280	2500	96.91
4048220	2650	103.50

Item No.	Datum length in mm	
4048230	2800	109.35
4048240	3000	116.72
4048250	3150	117.48
4048260	3350	127.61
4048270	3550	130.19

## Narrow V-belt profile 3VX/9NX – open-flank, raw edge – US standard RMA/MPTA



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.069 kg/m

Item No.	Inches	Outer length in mm	
4048280	3VX 250	9NX 635	9.90
4048290	3VX 265	9NX 673	9.90
4048300	3VX 280	9NX 711	9.90
4048310	3VX 300	9NX 762	9.90
4048320	3VX 315	9NX 800	9.90
4048330	3VX 335	9NX 851	10.67
4048340	3VX 355	9NX 902	10.67
4048350	3VX 375	9NX 952	12.40
4048360	3VX 400	9NX 1016	12.40
4048580	3VX 425	9NX 1079	13.74
4048370	3VX 450	9NX 1143	14.78
4048620	3VX 475	9NX 1206	15.04
4048650	3VX 500	9NX 1270	16.10



# NARROW V-BELT OPEN-FLANK

## Narrow V-belt profile 3VX/9NX – open-flank, raw edge – US standard RMA/MPTA

Item No.	Inches	Outer length in mm	
4048660	3VX 530	9NX 1346	17.16
4048670	3VX 560	9NX 1422	17.95
4048680	3VX 600	9NX 1524	19.51
4048690	3VX 630	9NX 1600	19.51
4048710	3VX 670	9NX 1702	21.13
4048720	3VX 710	9NX 1803	21.77
4048730	3VX 750	9NX 1905	22.71
4048740	3VX 800	9NX 2032	26.39
1139200	3VX 850	9NX 2159	27.58
4048750	3VX 900	9NX 2286	29.30
4048770	3VX 950	9NX 2413	31.55
4048780	3VX 1000	9NX 2540	32.72
4048800	3VX 1060	9NX 2692	33.26
4048810	3VX 1120	9NX 2845	36.84
4048820	3VX 1180	9NX 2997	37.34
4048830	3VX 1250	9NX 3175	39.58
4048840	3VX 1320	9NX 3353	41.56
4048930	3VX 1400	9NX 3556	44.21

## Narrow V-belt profile 5VX/15NX – open-flank, raw edge – US standard RMA/MPTA

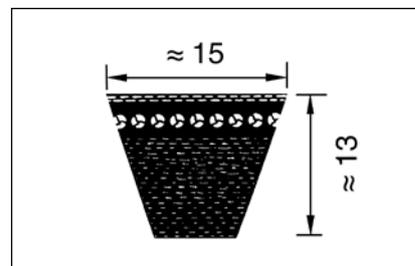
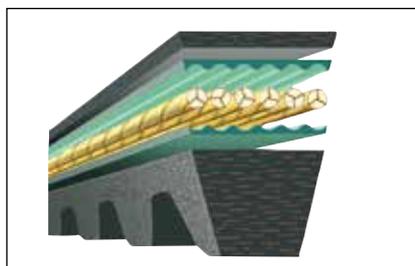
**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

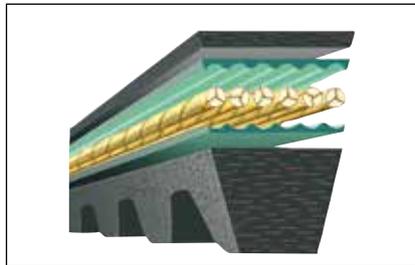
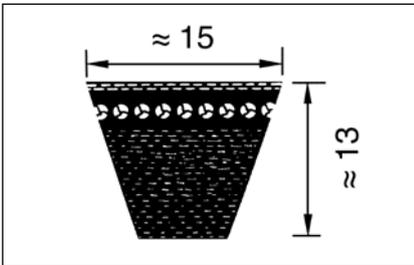
**Weight:** 0.195 kg/m



Item No.	Inches	Outer length in mm	
4049200	5VX 500	15NX 1270	30.48
4049660	5VX 530	15NX 1346	31.01
4050040	5VX 560	15NX 1422	33.64
4050050	5VX 600	15NX 1524	34.58
4050070	5VX 630	15NX 1600	38.27
4050080	5VX 670	15NX 1702	40.79
4050110	5VX 710	15NX 1803	43.14
4050290	5VX 750	15NX 1905	45.78
4050340	5VX 800	15NX 2032	52.40
4050370	5VX 850	15NX 2159	53.96
4050400	5VX 900	15NX 2286	58.60
4050410	5VX 950	15NX 2413	61.36
4050420	5VX 1000	15NX 2540	65.05
4050430	5VX 1060	15NX 2692	68.36
4050440	5VX 1120	15NX 2845	72.31

# NARROW V-BELT OPEN-FLANK

**Continued: Narrow V-belt profile 5VX/15NX – open-flank, raw edge – US standard RMA/MPTA**



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.195 kg/m

Item No.	Inches	Outer length in mm	
4050450	5VX 1180	15NX 2997	76.53
4050460	5VX 1250	15NX 3175	78.63
4050470	5VX 1320	15NX 3353	83.92
4050500	5VX 1400	15NX 3556	89.73

# V-BELT COVERED



## Classical V-belt profile 8 – DIN 2215 / ISO 4184

**Properties:**

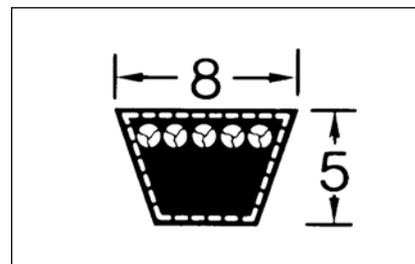
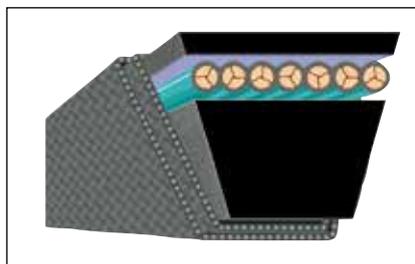
- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical engineering

**Weight:** 0.042 kg/m

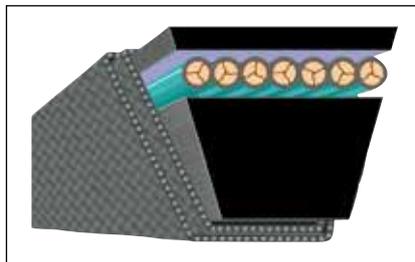
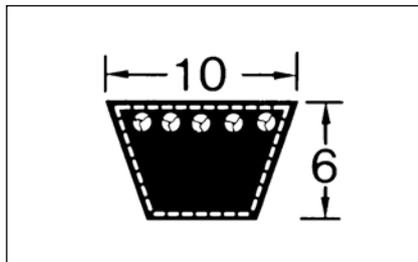
**Length name:** Li



Item No.	Inner length in mm	
137130	530	10.29
137140	560	10.29
137150	580	10.29
137160	600	10.29
137180	670	10.29
137190	680	10.29
137200	700	10.29
137210	710	10.29
137220	750	10.29
137240	800	10.29
136920	825	10.96
137250	830	10.96
137260	850	10.96
136930	875	10.96
137270	900	10.96
137280	950	10.96
137290	1000	10.96
136970	1020	10.96
136980	1050	10.96
136990	1075	10.96
137000	1120	10.96
137310	1200	12.14
137320	1250	12.14

# V-BELT COVERED

## Classical V-belt profile Z/10 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 4500 mm

**Weight:** 0.064 kg/m

**Length name:** Li

Item No.	Belt No. Z	Datum length in mm	Inner length in mm	
137880	17	472	450	10.29
137890	18	497	475	10.29
137900	19 3/4	522	500	10.29
137920	21	552	530	10.29
137930	22	582	560	10.29
137940	23	597	575	10.29
439220	24	622	600	10.29
137960	25	652	630	10.29
137410	26	672	650	10.29
137420	27	692	670	10.29
137430	27 1/2	722	700	10.29
137980	28	732	710	10.29
137440	28 1/2	747	725	10.29
137990	29	752	730	10.29
138000	29 1/2	772	750	10.29
138010	31	797	775	10.29
138020	31 1/2	822	800	10.67
138030	32	842	820	10.67
137480	33	847	825	10.67
138040	33 1/2	872	850	10.67
138050	35	897	875	10.67
138060	36	922	900	10.67
137520	37	947	925	10.67
138070	38	972	950	10.67
137530	38 1/2	997	975	10.67
138080	38 1/2	1002	980	11.09
138090	39	1022	1000	11.09
137540	40	1038	1016	11.09
137550	40 1/2	1052	1030	11.09
137560	41	1063	1041	11.09
395840	41 1/2	1072	1050	11.09
138110	42	1082	1060	11.09
137570	43	1102	1080	11.09
137580	43 1/4	1122	1100	11.09
138120	43 1/4	1127	1105	11.09
147890	44	1142	1120	11.09
137590	45	1172	1150	11.09
137600	46	1187	1165	11.09
138140	46	1192	1170	11.09
138150	46 1/2	1202	1180	11.09
137610	47	1216	1194	11.87
137620	48	1237	1215	11.87
137630	48 1/2	1247	1225	11.87

# V-BELT COVERED



## Classical V-belt profile Z/10 – DIN 2215 / ISO 4184

Item No.	Belt No. Z	Datum length in mm	Inner length in mm	
138160	48 1/2	1252	1230	11.87
138170	49	1272	1250	11.87
408170	50	1292	1270	11.87
137650	51	1317	1295	11.87
138190	52	1342	1320	11.87
137660	53	1368	1346	11.87
137670	54	1393	1371	11.87
138200	55	1422	1400	11.87
137680	56	1444	1422	14.38
462880	57	1472	1450	14.38
137700	59	1522	1500	14.38
137710	60	1546	1524	15.18
137720	61	1572	1550	15.18
137730	62	1597	1575	15.18
404690	63	1622	1600	15.18
133960	65	1673	1651	16.36
137750	66	1697	1675	16.36
137760	67	1722	1700	16.36
137770	68	1747	1725	17.53
138290	68	1752	1730	17.53
137780	69	1772	1750	17.53
138310	71	1822	1800	17.53
137790	73	1872	1850	19.41
137800	75	1922	1900	19.41
138340	79	2022	2000	19.79
137820	83 1/2	2142	2120	19.79
137830	88	2262	2240	22.44
159770	93	2382	2360	22.50
463430	98	2522	2500	22.44

## Classical V-belt profile A/13 – DIN 2215 / ISO 4184

**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

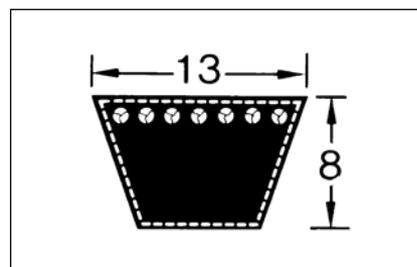
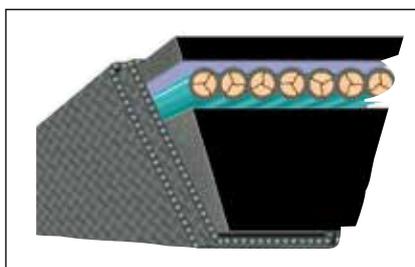
**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 10000 mm

**Weight:** 0.109 kg/m

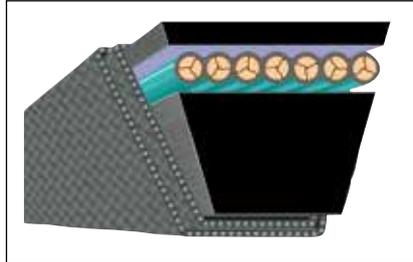
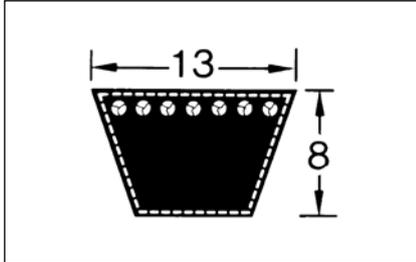
**Length name:** Li



Item No.	Belt No. A	Datum length in mm	Inner length in mm	
138450	16	437	407	10.96
138460	18	487	457	10.96
404030	19	510	480	10.96
138470	20	538	508	10.96
138480	21	565	535	10.96
139120	22	590	560	10.96

# V-BELT COVERED

## Continued: Classical V-belt profile A/13 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 10000 mm

**Weight:** 0.109 kg/m

**Length name:** Li

Item No.	Belt No. A	Datum length in mm	Inner length in mm	
138490	23	605	575	10.96
139130	23	610	580	10.96
139140	23 1/2	630	600	10.96
404620	24	640	610	10.96
139150	25	660	630	10.96
138510	26	680	650	10.96
139160	26	685	655	10.96
139170	26 1/2	700	670	10.96
138520	27	716	686	10.96
139180	27	720	690	10.96
138530	27 1/2	730	700	10.96
139190	28	740	710	10.96
139200	29	760	730	10.96
139210	29 1/2	780	750	10.96
138550	30	797	767	10.96
138560	31	805	775	10.96
139220	31	810	780	10.96
139230	31	817	787	10.96
139240	31 1/2	830	800	10.96
139250	32	843	813	11.23
139260	32 1/2	855	825	11.23
139270	33	868	838	11.23
138580	33	871	841	11.23
139280	33 1/2	880	850	11.23
139300	34 1/2	905	875	11.23
138600	35	919	889	11.23
443160	35 1/2	930	900	11.23
139330	36	944	914	12.14
139340	37	955	925	12.14
139350	37 1/2	980	950	12.14
138630	38	995	965	12.14
139360	38 1/2	1005	975	12.14
438890	39	1030	1000	12.14
138640	40	1046	1016	12.14
138650	40 1/2	1060	1030	12.14
138660	41	1071	1041	12.20
395440	41 1/2	1080	1050	12.14
139400	42	1090	1060	12.14
138680	42 1/2	1105	1075	13.74
139410	43	1120	1090	13.74
399870	43	1130	1100	13.74
139420	43 1/2	1135	1105	13.74
139430	44	1150	1120	13.74

# V-BELT COVERED

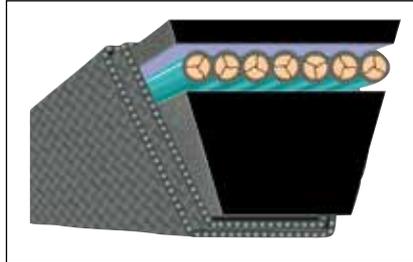
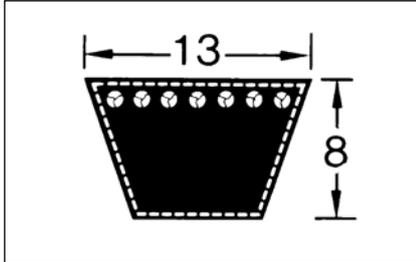


## Classical V-belt profile A/13 – DIN 2215 / ISO 4184

Item No.	Belt No. A	Datum length in mm	Inner length in mm	
139440	45	1173	1143	13.74
138690	45 1/2	1180	1150	13.74
139450	46	1198	1168	13.74
139460	46 1/2	1210	1180	13.74
139470	47	1230	1200	14.78
464140	48	1245	1215	14.78
139480	48	1250	1220	14.78
138700	48 1/2	1255	1225	14.78
139490	49	1280	1250	14.78
138710	50	1300	1270	16.10
139500	51	1330	1300	16.10
139510	52	1350	1320	16.10
139520	53	1376	1346	16.10
138720	53	1380	1350	16.10
139530	54	1402	1372	16.10
404100	54	1405	1375	16.10
139550	55	1430	1400	16.10
139560	56	1452	1422	17.69
138730	57	1480	1450	17.69
139980	58	1505	1475	17.69
139580	59	1530	1500	17.69
139590	60	1555	1525	17.69
139600	61	1580	1550	17.69
139610	62	1605	1575	17.69
139620	63	1630	1600	17.69
139630	64	1655	1625	19.41
464160	65	1680	1650	19.41
139650	66	1706	1676	19.41
404110	67	1730	1700	19.41
139670	68	1755	1725	19.51
139680	69	1780	1750	19.51
138790	70	1805	1775	19.51
139690	70	1810	1780	19.51
139700	71	1830	1800	19.51
138810	72	1855	1825	20.85
138820	73	1884	1854	20.85
138830	74	1910	1880	20.85
138840	75	1930	1900	20.85
404120	76	1960	1930	20.85
138850	77	1986	1956	20.85
139730	78	2010	1980	20.85
138860	79	2030	2000	20.85
404130	80	2060	2030	22.44
138870	81	2090	2060	22.44
138880	82	2113	2083	22.44
139770	83	2130	2100	22.44
138900	83 1/2	2150	2120	22.44
138910	84	2164	2134	22.44
138920	84 1/2	2180	2150	23.48
138930	85	2190	2160	23.48
139800	86 1/2	2230	2200	23.48
139810	88	2270	2240	23.48
4447910	89	2291	2261	25.19
464200	90	2316	2286	25.19
10064099	91	2341	2311	25.19
10064098	92	2367	2337	25.19
138960	93	2390	2360	25.19
1077400	94	2418	2388	25.19

# V-BELT COVERED

## Continued: Classical V-belt profile A/13 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 10000 mm

**Weight:** 0.109 kg/m

**Length name:** Li

Item No.	Belt No. A	Datum length in mm	Inner length in mm	
10066958	95	2443	2413	26.01
404160	96	2468	2438	26.00
10005604	97	2494	2464	26.01
404170	99	2530	2500	26.00
139860	100	2570	2540	29.43
404190	102	2621	2591	29.43
403670	104	2680	2650	29.43
138980	105	2697	2667	29.43
403690	107	2755	2725	29.43
138990	108	2773	2743	29.43
139000	110	2830	2800	29.43
139010	112	2875	2845	32.87
139020	118	3030	3000	32.87
139030	120	3078	3048	32.87
403710	124	3180	3150	32.87
139040	128	3280	3250	36.28
139050	132	3380	3350	36.28
139060	136	3484	3454	39.97
403720	140	3580	3550	39.97
134060	148	3780	3750	41.04
139070	158	4030	4000	43.80
139080	167	4280	4250	45.12
1077410	187	4780	4750	50.01
1077420	197	5030	5000	53.58

# V-BELT COVERED



## Classical V-belt profile B/17 – DIN 2215 / ISO 4184

**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

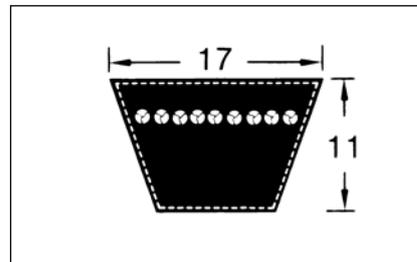
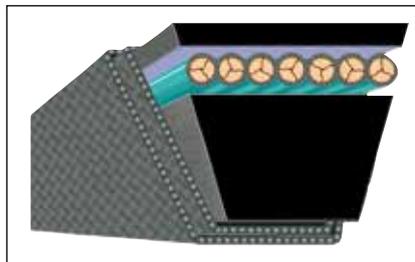
**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 15500 mm

**Weight:** 0.196 kg/m

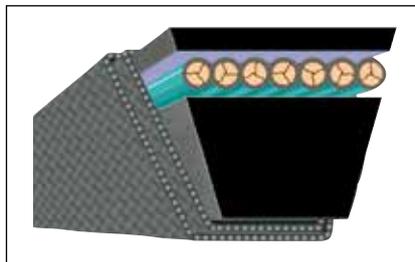
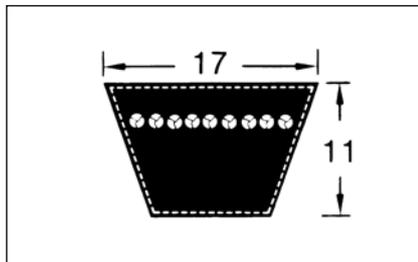
**Length name:** Li



Item No.	Belt No. B	Datum length in mm	Inner length in mm	
140100	23	610	570	13.59
140110	24	655	615	13.59
140120	25	670	630	13.59
140130	26	690	650	13.59
140140	26 1/2	710	670	13.59
140150	27	726	686	13.59
141090	28	750	710	13.59
140160	29	765	725	13.59
403740	30	790	750	13.59
141110	30	802	762	13.59
141120	31	815	775	13.59
141130	32	840	800	13.59
141140	32 1/2	865	825	15.18
1077560	33	876	836	15.18
141160	34	890	850	15.18
141170	34 1/2	915	875	15.18
140200	35	929	889	15.18
141190	36	940	900	15.18
479490	37	965	925	15.18
141210	37 1/2	990	950	16.36
140210	38	1005	965	16.36
140220	38 1/2	1015	975	16.36
141250	39	1040	1000	16.36
140240	40	1056	1016	17.53
141260	40	1057	1017	17.53
141270	40 1/2	1070	1030	17.53
140260	41	1080	1040	17.53
403750	41 1/2	1090	1050	17.53
140270	42	1100	1060	17.53
140280	42 1/2	1115	1075	17.63
141310	43	1130	1090	17.53
140290	43 1/2	1140	1100	17.53
140300	44	1160	1120	17.63
141330	45	1190	1150	19.79
140310	45 1/2	1203	1163	19.79
140320	46	1215	1175	19.79
141350	46 1/2	1220	1180	19.79
141360	47	1240	1200	20.71
140340	48	1255	1215	20.71
141370	48 1/2	1265	1225	20.71
141380	49	1290	1250	20.71
140360	50	1315	1275	22.56
141390	51	1340	1300	22.56

# V-BELT COVERED

## Continued: Classical V-belt profile B/17 - DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 15500 mm

**Weight:** 0.196 kg/m

**Length name:** Li

Item No.	Belt No. B	Datum length in mm	Inner length in mm	
141400	52	1360	1320	22.56
140380	52 1/2	1375	1335	22.71
140390	53	1390	1350	22.71
140400	53 1/2	1400	1360	22.71
140410	54	1412	1372	22.71
141430	55	1440	1400	22.71
141440	56	1462	1422	25.34
141450	57	1490	1450	25.34
140440	58	1513	1473	25.34
141460	59	1540	1500	25.34
141470	60	1565	1525	26.00
141480	61	1590	1550	26.00
141490	62	1615	1575	26.00
141500	63	1640	1600	26.00
140470	64	1665	1625	28.91
141510	64	1665	1625	28.91
141530	66	1716	1676	28.91
141540	67	1740	1700	28.91
141550	68	1765	1725	29.43
141560	69	1790	1750	29.43
141570	69 1/2	1801	1761	29.43
140530	70	1815	1775	29.43
141580	71	1840	1800	29.43
140540	72	1869	1829	30.90
141590	73	1890	1850	30.90
140550	74	1920	1880	30.90
141600	75	1940	1900	30.90
141620	76	1970	1930	30.90
141610	77	1990	1950	30.90
140570	78	2021	1981	30.90
141630	79	2040	2000	30.90
403800	80	2072	2032	33.77
140580	81	2100	2060	33.77
140590	82	2123	2083	33.77
140600	83	2140	2100	33.77
403810	83	2148	2108	33.77
141650	83 1/2	2160	2120	33.77
140620	85	2200	2160	36.28
1062680	86	2240	2200	36.28
140640	88	2280	2240	36.28
403820	89	2301	2261	37.60
141690	90	2326	2286	37.60
140650	91	2340	2300	37.60

# V-BELT COVERED

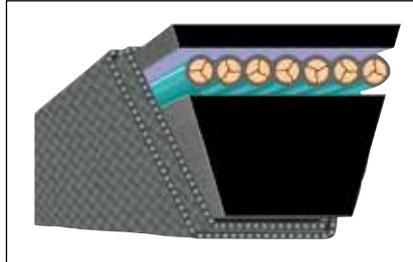
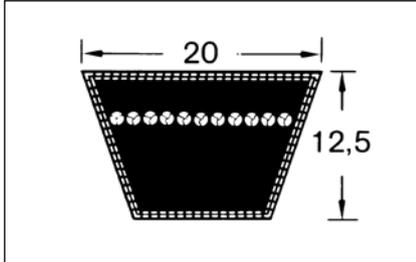


## Classical V-belt profile B/17 – DIN 2215 / ISO 4184

Item No.	Belt No. B	Datum length in mm	Inner length in mm	
1077570	92	2377	2337	37.60
140660	93	2400	2360	37.60
140670	94 1/2	2440	2400	40.24
1077580	96	2478	2438	40.24
140680	96 1/2	2490	2450	40.24
141730	97	2505	2465	40.24
479530	98	2540	2500	40.24
403830	100	2580	2540	40.24
140700	102	2640	2600	41.83
140710	104	2690	2650	41.83
1077590	105	2707	2667	43.42
140720	106	2740	2700	43.42
140730	108	2790	2750	43.42
140740	110	2840	2800	43.42
141750	112	2880	2840	43.42
140750	112	2885	2845	43.42
140760	114	2940	2900	48.04
140770	116	2990	2950	48.04
479560	118	3040	3000	48.04
140790	120	3088	3048	51.60
1077600	120	3090	3050	51.60
140800	122	3139	3099	51.60
140810	124	3190	3150	51.60
403870	126	3240	3200	51.60
140820	128	3290	3250	53.58
1077610	130	3342	3302	53.58
140830	132	3390	3350	53.58
140840	134	3444	3404	53.58
140850	136	3490	3450	57.54
140860	138	3545	3505	57.54
140870	140	3590	3550	57.54
140890	144	3698	3658	59.52
140900	146	3740	3700	59.52
140910	148	3790	3750	59.52
140920	151	3890	3850	62.41
140930	155	3990	3950	65.05
140940	158	4040	4000	65.05
140950	162	4155	4115	68.36
140960	165	4240	4200	68.36
140970	167	4290	4250	68.36
403880	173	4434	4394	71.38
140980	175	4490	4450	71.38
140990	177	4540	4500	71.38
141000	180	4612	4572	71.38
141010	187	4790	4750	71.38
141020	197	5040	5000	81.81
141030	208	5340	5300	87.37
141040	220	5640	5600	92.50
141050	236	6040	6000	99.50
141060	248	6340	6300	104.12
142120	264	6740	6700	111.64
142130	276	7040	7000	115.60
142140	280	7140	7100	119.17

# V-BELT COVERED

## Classical V-belt profile 20 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 10000 mm

**Weight:** 0.266 kg/m

**Length name:** Li

Item No.	Datum length in mm	Inner length in mm	
142190	950	900	19.67
142210	1050	1000	19.67
142220	1110	1060	22.56
430990	1170	1120	22.56
142230	1230	1180	26.00
142250	1300	1250	26.00
142260	1370	1320	27.17
405560	1450	1400	28.91
142280	1550	1500	30.62
142290	1650	1600	33.26
142310	1750	1700	34.44
142330	1850	1800	37.34
142340	1950	1900	38.66
142370	2050	2000	43.42
405630	2110	2060	45.78
405640	2170	2120	45.78
142390	2290	2240	46.58
405680	2410	2360	48.96
142400	2550	2500	49.88
142410	2700	2650	52.92
142420	2850	2800	55.55
443720	3050	3000	58.72
142430	3200	3150	63.74
405710	3400	3350	65.86
142460	3600	3550	68.74
443610	3800	3750	73.36
142470	4050	4000	77.32
406980	4300	4250	83.79
407250	4550	4500	89.35
403990	5050	5000	98.44
404020	5350	5300	105.16
1077440	5650	5600	109.52
1077450	6050	6000	117.45

# V-BELT COVERED



## Classical V-belt profile C/22 – DIN 2215 / ISO 4184

**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

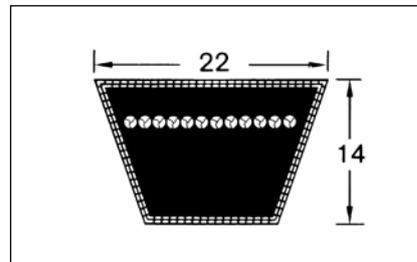
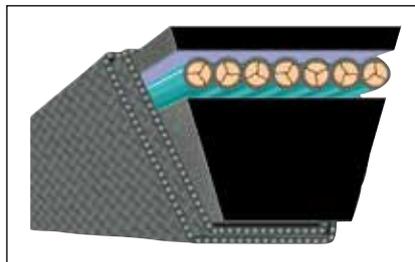
**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 18000 mm

**Weight:** 0.324 kg/m

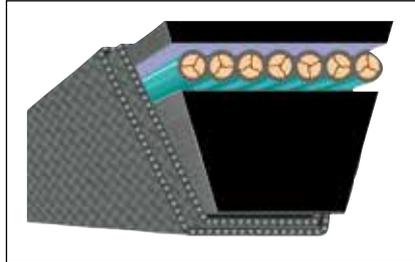
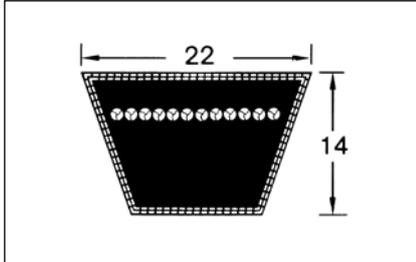
**Length name:** Li



Item No.	Belt No. C	Datum length in mm	Inner length in mm	
405750	43	1148	1090	25.61
427290	47	1258	1200	26.91
142520	48	1273	1215	26.91
142530	49	1308	1250	26.91
142550	52	1378	1320	29.43
133970	55	1458	1400	30.90
142580	57	1508	1450	33.88
10054677	58	1533	1475	33.88
142590	59	1558	1500	33.88
142600	60	1582	1524	35.90
431020	61	1608	1550	35.90
142610	62	1632	1574	35.90
142620	63	1658	1600	35.90
142630	65	1708	1650	38.27
142660	67	1758	1700	38.27
4348450	68	1785	1727	40.12
142670	69	1808	1750	40.12
405890	71	1858	1800	40.12
142690	75	1958	1900	44.21
142710	79	2058	2000	44.86
1077700	81	2115	2057	46.58
134030	81	2118	2060	46.58
142720	83 1/2	2178	2120	48.43
142730	85	2217	2159	48.43
10064100	87	2268	2210	48.96
142740	88	2298	2240	48.96
142750	90	2344	2286	52.25
142760	93	2418	2360	50.69
1077710	95	2471	2413	55.55
1077720	96	2496	2438	55.55
1077730	96 1/2	2508	2450	55.55
142780	98	2558	2500	55.55
1077740	99	2583	2525	58.45
142790	100	2598	2540	58.45
1077750	102	2649	2591	58.45
405930	105	2725	2667	60.17
142800	110	2858	2800	60.17
1077760	112	2898	2840	65.86
481910	112	2903	2845	65.86
405950	116	3008	2950	65.86
142810	118	3058	3000	65.86
1077770	120	3106	3048	70.06
142900	120	3108	3050	70.06

# V-BELT COVERED

## Continued: Classical V-belt profile C/22 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 18000 mm

**Weight:** 0.324 kg/m

**Length name:** Li

Item No.	Belt No. C	Datum length in mm	Inner length in mm	
405960	124	3208	3150	70.06
1077780	126	3258	3200	70.06
1077790	128	3308	3250	73.78
142820	132	3408	3350	73.78
1077800	136	3508	3450	78.39
1077810	136	3512	3454	78.39
142830	140	3608	3550	78.39
1077820	144	3716	3658	82.87
142840	148	3808	3750	82.87
142850	158	4058	4000	89.73
660510	162	4158	4100	92.10
1077830	162	4173	4115	92.10
142860	167	4308	4250	96.46
405970	173	4452	4394	96.46
1077840	177	4558	4500	102.14
1077850	180	4630	4572	104.90
142870	187	4808	4750	104.90
1077860	195	5011	4953	110.45
443620	197	5058	5000	112.17
1077870	208	5358	5300	124.04
1077880	210	5392	5334	124.04
1077890	220	5658	5600	138.03
422150	225	5773	5715	143.97
425850	236	6058	6000	154.79
1077900	240	6154	6096	156.37
1077910	248	6358	6300	160.88
1077920	264	6758	6700	176.29
1077930	280	7158	7100	193.45
1077940	295	7558	7500	210.46
1077950	315	8058	8000	225.92

# V-BELT COVERED



## Classical V-belt profile 25 – DIN 2215 / ISO 4184

**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

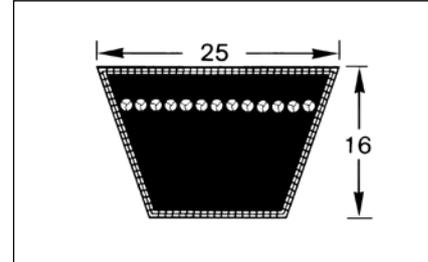
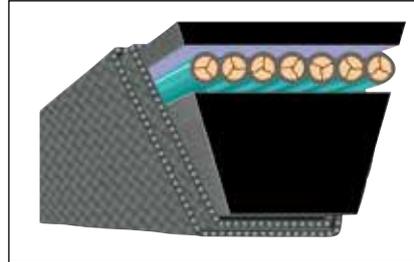
**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 18000 mm

**Weight:** 0.420 kg/m

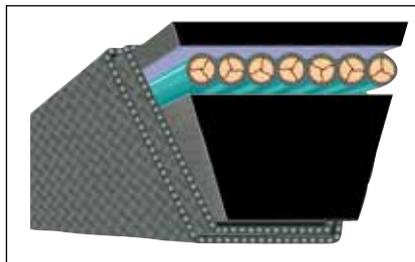
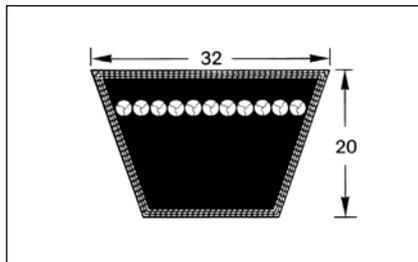
**Length name:** Li



Item No.	Datum length in mm	Inner length in mm	
406030	1460	1400	37.34
464380	1560	1500	41.04
406070	1660	1600	43.42
406080	1760	1700	45.65
406090	1860	1800	48.17
142970	1960	1900	50.01
142990	2060	2000	51.99
143010	2180	2120	55.55
143020	2260	2200	58.45
143030	2300	2240	58.33
143050	2420	2360	60.30
143070	2510	2450	63.74
422670	2560	2500	63.87
143080	2600	2540	68.62
143090	2710	2650	68.62
143100	2760	2700	68.74
143110	2860	2800	70.86
143130	3060	3000	78.25
143140	3210	3150	81.69
143160	3410	3350	87.22
143180	3610	3550	91.44
153550	3810	3750	96.46
143190	4060	4000	102.00
143210	4560	4500	115.60
155830	4810	4750	122.59
143220	5060	5000	131.42
143230	5360	5300	143.45
143240	5660	5600	157.82
143250	6060	6000	171.80
143260	6360	6300	184.09
1078010	6760	6700	205.85
464390	7160	7100	221.30
1078020	7560	7500	233.70
1078030	8060	8000	253.75
1078040	8560	8500	272.38
1078060	9060	9000	298.76

# V-BELT COVERED

## Classical V-belt profile D/32 – DIN 2215 / ISO 4184



**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 18000 mm

**Weight:** 0.668 kg/m

**Length name:** Li

Item No.	Belt No. D	Datum length in mm	Inner length in mm	
4047250	79	2075	2000	88.15
4047260	98	2575	2500	103.71
143390	104	2725	2650	110.84
427250	110	2875	2800	117.32
143410	118	3075	3000	124.96
4047270	120	3123	3048	126.29
4047280	124	3225	3150	128.11
4047290	132	3425	3350	137.35
4047300	135	3500	3425	139.88
4047310	136	3529	3454	139.88
4047320	140	3625	3550	143.05
4047330	144	3733	3658	146.08
4047340	148	3825	3750	148.98
4047350	154	4000	3925	162.43
1205380	158	4075	4000	162.43
4047360	162	4190	4115	165.60
4047370	167	4325	4250	171.80
4047380	173	4469	4394	178.42
869880	177	4575	4500	181.06
4047390	180	4647	4572	186.99
4047400	187	4825	4750	195.03
4047410	195	5028	4953	203.60
872810	197	5075	5000	204.26
4047420	208	5375	5300	213.49
4047430	210	5409	5334	213.91
4047440	220	5675	5600	241.48
4047450	236	6075	6000	255.34
4047460	240	6171	6096	259.97
4047470	248	6375	6300	264.58
4047480	264	6775	6700	290.84
4047490	270	6933	6858	299.66
4047500	280	7175	7100	311.04
4047510	295	7575	7500	343.48
4047520	300	7695	7620	350.22
4047530	315	8075	8000	368.29
4047540	330	8457	8382	390.60
4047550	335	8575	8500	399.30
4047560	354	9075	9000	434.80
4047570	374	9575	9500	456.57
4047580	394	10075	10000	476.78
4047590	441	11275	11200	533.90
4047600	492	12575	12500	592.76

# COVERED AND OPEN-FLANK



## Classical V-belt profile E/40 – DIN 2215 / ISO 4184

**Properties:**

- for higher breaking loads
- sure pulling power
- can be used as a V-drive/flat drive

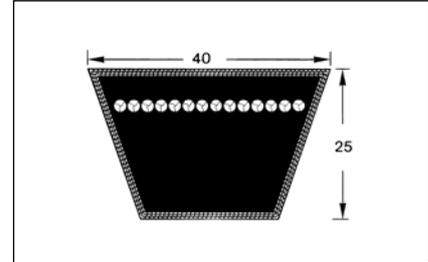
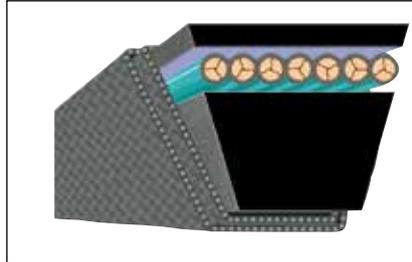
**Application examples:**

- construction equipment
- mining
- variable speed gears
- agricultural equipment
- conveying technology
- general mechanical design

**Max. manufactured length:** 19000 mm

**Weight:** 0.958 kg/m

**Length name:** Li



Item No.	Belt No. E	Datum length in mm	Inner length in mm	
4047610	118	3080	3000	210.46
4047620	158	4080	4000	270.91
4047640	197	5080	5000	338.87
4047660	220	5680	5600	397.85
4047670	236	6080	6000	436.51
4047680	248	6380	6300	453.40
4047690	280	7180	7100	529.29
4048120	295	7580	7500	563.35
4048130	315	8080	8000	598.96
4048140	354	9080	9000	694.76
4048150	394	10080	10000	767.60
4048160	441	11280	11200	869.74
4048170	492	12580	12500	973.47

## Classical V-belt profile 5 – DIN 2215 / ISO 4184 – open-flank, raw edge

**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

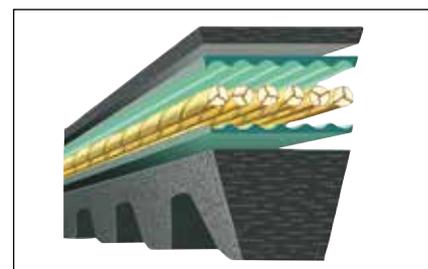
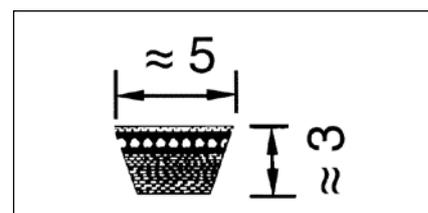
**Application examples:**

- construction equipment
- general mechanical engineering
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Open-flank (FO-N) or raw edge**

**Weight:** 0.018 kg/m

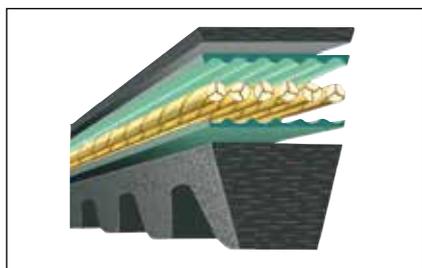
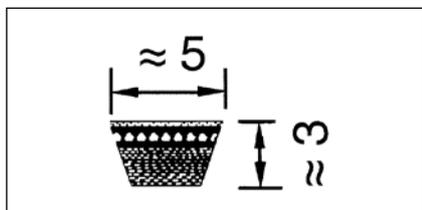
**Length name:** Li



Item No.	Inner length in mm		Item No.	Inner length in mm	
136350	236 FO-N	8.58	776290	352	8.58
458850	280	8.45	1120130	358 FO-N	8.58
136450	330 FO-N	8.58	136520	406 FO-N	8.58
853470	335	8.58	136300	425	8.58

# V-BELT OPEN-FLANK

## Continued: Classical V-belt profile 5 – DIN 2215 / ISO 4184 – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical engineering
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

open-flank (FO-N) or raw edge

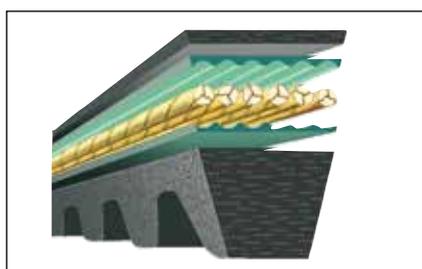
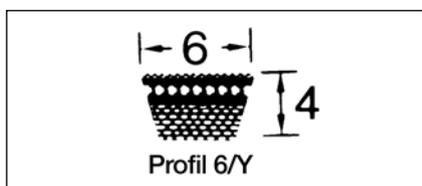
**Weight:** 0.018 kg/m

**Length name:** Li

Item No.	Inner length in mm	
458870	475	8.58
458880	500	8.58

Item No.	Inner length in mm	
928000	554	8.58

## Classical V-belt profile Y/6 – DIN 2215 / ISO 4184 – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical engineering
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

open-flank (FO-N) or raw edge

**Weight:** 0.026 kg/m

**Length name:** Li

Item No.	Inner length in mm	
459420	300	8.69
853790	335	8.69
853600	352	8.69
136770	380 FO-N	8.69
136630	400	8.69

Item No.	Inner length in mm	
776360	425	8.69
853550	450	8.69
136810	500 FO-N	8.69
404470	540 FO-N	8.69
136850	640 FO-N	8.69

# V-BELT OPEN-FLANK



## Classical V-belt profile 8 – DIN 2215 / ISO 4184 – open-flank, raw edge

**Properties:**

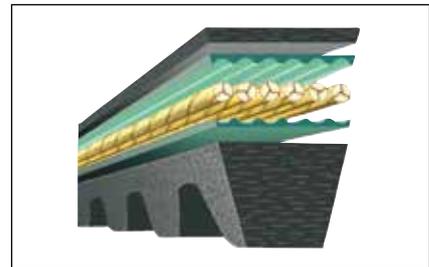
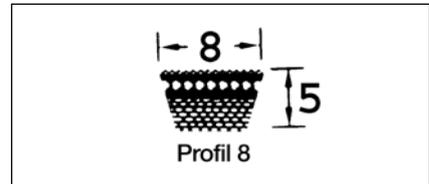
- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.042 kg/m

**Length name:** Li



Item No.	Inner length in mm	
404480	315	10.29
773930	355	10.29
136880	425	10.29
499540	450	10.29
1100630	475	10.29
136890	490	10.29
438880	530	10.29
136900	575	10.29

Item No.	Inner length in mm	
479350	630	10.29
464270	670	10.29
4348080	700	10.29
479360	710	10.29
461740	750	10.29
136910	775	10.29
809170	800	10.29

## Classical V-belt profile ZX/X10 – DIN 2215 / ISO 4184 – open-flank, raw edge

**Properties:**

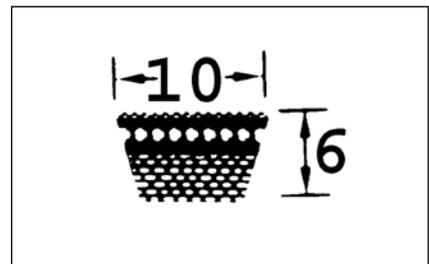
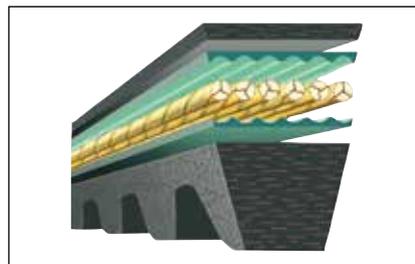
- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.062 kg/m

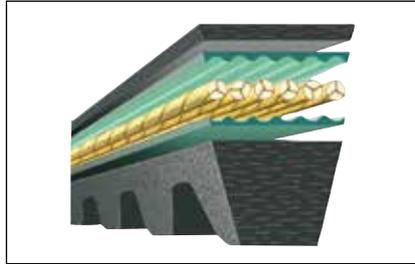
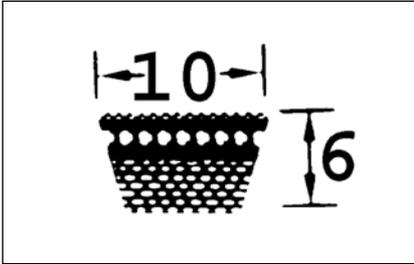
**Length name:** Ld



Item No.	Belt No. ZX	Datum length in mm	
143420	23	597	14.38
143430	24	622	14.38
499590	25	652	14.38
4333650	26	672	14.38
4333640	27	692	14.38
143440	28	732	14.38
650520	29	752	14.38
143450	29 1/2	772	14.38

# V-BELT OPEN-FLANK

## Continued: Classical V-belt profile ZX/X10 – DIN 2215 / ISO 4184 – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

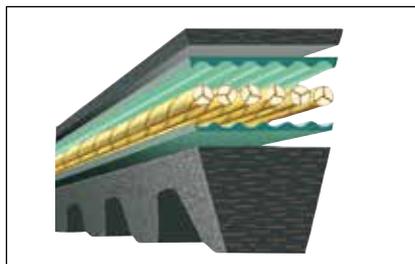
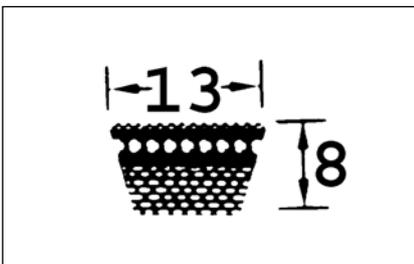
**Weight:** 0.062 kg/m

**Length name:** Ld

Item No.	Belt No. ZX	Datum length in mm	
143460	31 1/2	822	14.78
4333660	32	842	14.78
872800	33 1/2	872	16.76
143470	36	922	16.76
650530	37	947	16.76
979190	42	1082 *	17.95
669020	46 1/2	1202 *	17.95
872820	52	1342 *	21.50
143500	55	1422 *	21.50
143510	59	1522 *	25.34

\* Non-stock items, minimum order amounts on request

## Classical V-belt profile AX/X13 – DIN 2215 / ISO 4184 – open-flank, raw edge



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.099 kg/m

**Length name:** Ld

Item No.	Belt No. AX	Datum length in mm	
143530	29	605	15.30
10015480	24	630	15.30
426430	24	640	15.30
421440	25	660	15.30
445140	26	680	15.30
143970	26 1/2	700	15.30

# V-BELT OPEN-FLANK



## Classical V-belt profile AX/X13 – DIN 2215 / ISO 4184 – open-flank, raw edge

Item No.	Belt No. AX	Datum length in mm	
143540	28	740	15.30
488810	29	760	15.30
445160	32 1/2	855	17.31
445130	34	880	18.35
143560	35 1/2	930	18.35
421450	37	955	19.51
421460	37 1/2	980	19.51
143570	39	1030	19.51
1049930	41 1/2	1080	19.51
426440	42	1090	19.51
421470	44	1150	21.13
421480	45 1/2	1180	21.13
4163920	46	1198	21.13
10079290	48	1250	26.27
869900	49	1280	26.27
421430	52	1350	29.03
10071090	53	1380	27.95
143590	55	1430	29.03
143600	59	1530	31.80
143610	67	1730	38.39
143620	75	1930	41.83
143630	79	2030	41.83
143650	98	2530 *	51.72
143660	110	2830 *	58.72
143670	118	3030 *	65.86

\* Non-stock items, minimum order amounts on request

## Classical V-belt profile BX/X17 – DIN 2215 / ISO 4184 – open-flank, raw edge

**Properties:**

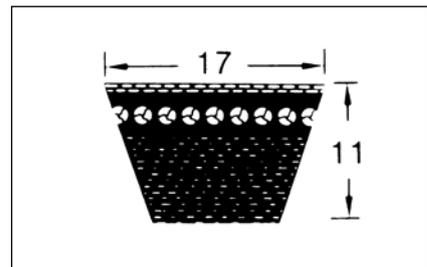
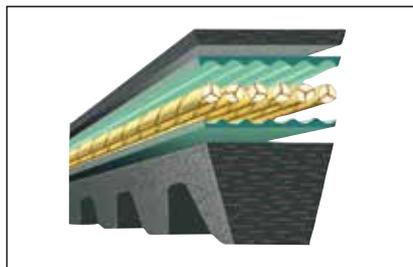
- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.165 kg/m

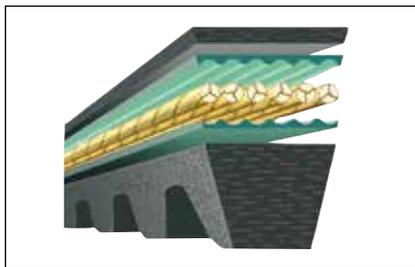
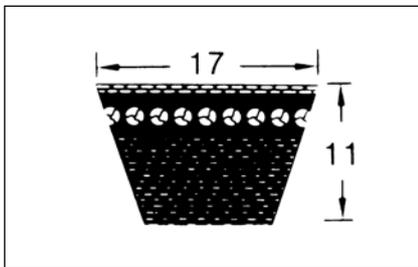
**Length name:** Ld



Item No.	Belt No. BX	Datum length in mm	
4051670	23	610	18.35
4051680	25	670	18.35
4051690	26	690	18.35
4051700	28	750	18.35
4051710	29	765	18.35
4051720	30	790	18.35

# V-BELT OPEN-FLANK

**Continued: Classical V-belt profile BX/X17 – DIN 2215 / ISO 4184 – open-flank, raw edge**



**Properties:**

- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.165 kg/m

**Length name:** Ld

Item No.	Belt No. BX	Datum length in mm	
4051730	31	815	18.35
4051740	32	840	18.35
4052070	33	876	24.54
851140	34	890	24.54
4052090	34 1/2	915	24.54
4052110	35	929	24.54
4051750	36	940	24.54
4051760	37	965	26.27
4051770	38	1005	26.27
143690	39	1040	26.27
4052120	40	1056	27.33
4051780	41	1080	27.33
4051790	42	1100	27.33
4051800	43	1130	27.33
443750	44	1160	27.33
4051810	45	1190	32.20
4052140	45 1/2	1203	32.20
4051820	46 1/2	1220	32.20
4051830	47	1240	36.84
4052150	48	1255	36.84
4051840	49	1290	36.84
4051850	51	1340	40.24
4051860	52	1360	40.24
4200470	53	1390	40.52
4051870	54	1412	40.52
1047030	55	1440	40.52
4051880	57	1490	45.12
4051890	58	1513	45.12
443730	59	1540	45.12
4052170	61	1590	46.58
4051910	62	1615	46.58
4051920	63	1640	46.58
1047040	67	1740	57.66
4052180	69	1790	58.72
4052210	71	1840	58.72
4052220	73	1890	61.89
4051930	75	1940	61.89
4052250	79	2040	61.89
4051940	88	2280	72.97
4051950	93	2400	75.23
4051970	98	2540	80.36

# V-BELT OPEN-FLANK



## Classical V-belt profile BX/X17 – DIN 2215 / ISO 4184 – open-flank, raw edge

Item No.	Belt No. BX	Datum length in mm	
4052270	103	2656 *	83.92
4052360	104	2690 *	83.92
4051980	110	2840 *	86.56
4052310	118	3040 *	95.94
4052320	124	3190 *	103.19
4052010	132	3390 *	106.88

\* Non-stock items, minimum order amounts on request

## Classical V-belt profile CX/X22 – DIN 2215 / ISO 4184 – open-flank, raw edge

**Properties:**

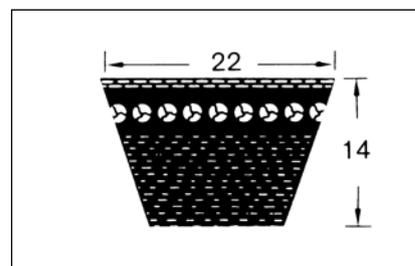
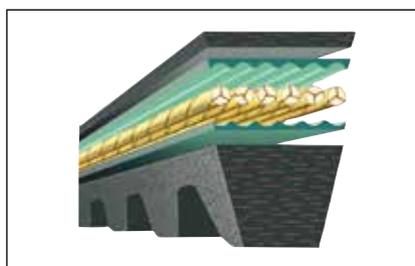
- very good power transfer
- smaller pulley diameters possible
- low expansion, so low-maintenance
- higher temperature resistance
- long lifespan

**Application examples:**

- construction equipment
- general mechanical design
- gear manufacturing
- pumps
- air conditioning
- agricultural equipment

**Weight:** 0.276 kg/m

**Length name:** Ld

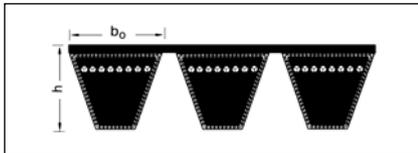


Item No.	Belt No. CX	Datum length in mm	
4063540	39	1058 *	43.28
4063580	43	1148 *	45.26
4063590	49	1308 *	48.04
4063600	52	1378 *	52.25
4063610	55	1458 *	55.69
4063620	59	1558 *	59.78
4063630	62	1632 *	63.61
4063640	67	1758 *	76.40
4063650	68	1785 *	76.40
4063660	71	1858 *	79.97
4063670	75	1958 *	88.54
4063680	79	2058 *	90.00
4063690	81	2118 *	93.57
4063700	85	2217 *	96.99
4063710	88	2298 *	98.04
4063720	90	2344 *	104.24
4063730	93	2418 *	104.24
4063740	96	2486 *	110.98
4063750	98	2558 *	110.98
4063760	110	2858 *	120.35
4063770	118	3058 *	131.84
4063780	124	3208 *	139.60
4063790	132	3408 *	147.67

\* Non-stock items, minimum order amounts on request

# BANDED V-BELTS

## Banded V-belts with high-performance narrow V-belts profile SPZ



**Properties:**

- resistant to vibration and impacts
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 4500 mm

**Weight:** 1 rib 0.120 kg/m

**Length name:** Ld

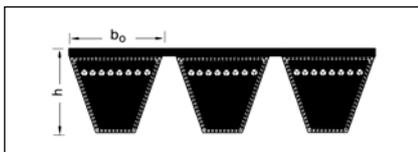
Profile	b0 = (mm)	h = (mm)
SPZ	9.7	10.5

Datum length in mm	
1250	34.04
1400	38.27
1500	38.92
1600	39.97
1700	40.64
1800	42.51
1900	45.12
2000	48.96
2120	52.40

Datum length in mm	
2240	53.96
2360	55.69
2500	57.54
2650	61.36
2800	66.50
3000	70.60
3150 *	72.19
3350 *	74.03
3550 *	78.91

\* Non-stock items, minimum order amounts on request

## Banded V-belts with high-performance narrow V-belts profile SPA



**Properties:**

- resistant to vibration and impacts
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 4500 mm

**Weight:** 1 rib 0.166 kg/m

**Length name:** Ld

Profile	b0 = (mm)	h = (mm)
SPA	12.7	12.5

Datum length in mm	
1250	43.28
1400	49.88
1500	52.40
1600	55.02
1700	58.07
1800	61.36

Datum length in mm	
1900	65.58
2000	69.02
2120	72.19
2240	75.76
2360	78.91
2500	83.92

# BANDED V-BELTS



## Banded V-belts with high-performance narrow V-belts profile SPA

Datum length in mm		Datum length in mm	
2650	89.73	3550	120.47
2800	93.96	3750	127.87
3000	100.68	4000	136.31
3150	106.50	4250	142.91
3350	112.17	4500	150.44

## Banded V-belts with high-performance narrow V-belts profile SPB

**Properties:**

- resistant to vibration and impacts
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

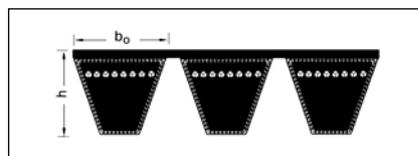
**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 10000 mm

**Weight:** 1 rib 0.261 kg/m

**Length name:** Ld

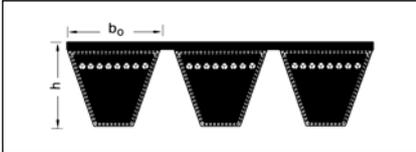


Datum length in mm		Datum length in mm	
2000	108.86	4250	199.65
2120	116.39	4500	216.66
2240	120.47	4750	229.08
2360	122.84	5000	236.74
2500	126.29	5300	255.34
2650	132.88	5600	269.32
2800	138.68	6000	287.80
3150	149.50	6300	303.24
3350	160.88	6700	323.43
3550	165.60	7100	340.45
3750	178.01	7500	363.66
4000	193.45	8000	379.12

Profile	b0 = (mm)	h = (mm)
SPB	16.5	15.6

# BANDED V-BELTS

## Banded V-belts with high-performance narrow V-belts profile SPC



**Properties:**

- resistant to vibration and impacts
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 12500 mm

**Weight:** 1 rib 0.555 kg/m

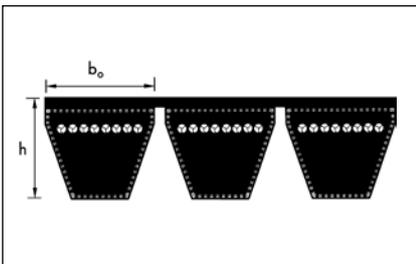
**Length name:** Ld

Profile	b0 = (mm)	h = (mm)
SPC	22.0	22.6

Datum length in mm	
3000	221.30
3150	222.88
3350	229.08
3550	241.48
3750	253.75
4000	273.95
4250	289.39
4500	303.24
4750	329.63
5000	343.48
5300	371.34
5600	413.30
6000	437.97

Datum length in mm	
6300	458.03
6700	484.42
7100	521.51
7500	560.17
8000	592.76
8500	625.22
9000	668.50
9500	701.09
10000	728.94
10600	780.00
11200	824.86
11800	866.71
12500	917.77

## Banded V-belts with high-performance narrow V-belts profile 3V/9J



**Properties:**

- resistant to vibration and impacts
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long service life
- for large centre distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 4750 mm

**Weight:** 1 rib 0.122 kg/m

Profile	b0 = (mm)	h = (mm)
3V/9J	9.0	9.9

Inches	Outer length in mm	
3V 500	9J 1270	34.04
3V 530	9J 1346	37.48

# BANDED V-BELTS



## Banded V-belts with high-performance narrow V-belts profile 3V/9J

Inches	Outer length in mm	
3V 560	9J 1422	38.27
3V 600	9J 1524	38.92
3V 630	9J 1600	39.97
3V 670	9J 1702	40.64
3V 710	9J 1803	42.51
3V 750	9J 1905	45.12
3V 800	9J 2032	48.96
3V 850	9J 2159	52.40
3V 900	9J 2286	53.96
3V 950	9J 2413	55.69
3V 1000	9J 2540	57.54
3V 1060	9J 2692	61.36
3V 1120	9J 2845	66.50
3V 1180	9J 2997	70.60
3V 1250	9J 3175	72.19
3V 1320	9J 3353	74.03
3V 1400	9J 3556	78.91

## Banded V-belts with high-performance narrow V-belts profile 5V/15J

**Properties:**

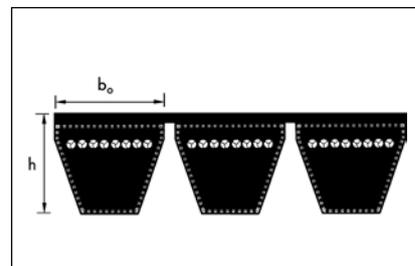
- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 10000 mm

**Weight:** 1 rib 0.252 kg/m

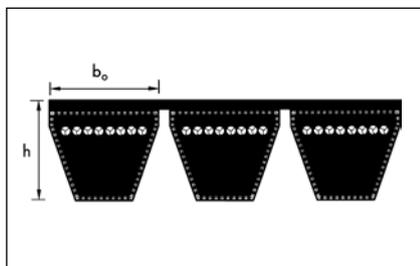


Profile	b <sub>0</sub> = (mm)	h = (mm)
5V/15J	15.0	15.1

Inches	Outer length in mm	
5V 560	15J 1422	76.40
5V 600	15J 1524	82.21
5V 630	15J 1600	87.22
5V 670	15J 1702	93.15
5V 710	15J 1803	96.32
5V 750	15J 1905	102.14
5V 800	15J 2032	110.45
5V 850	15J 2159	116.39
5V 900	15J 2286	120.47
5V 950	15J 2413	122.84
5V 1000	15J 2540	126.29
5V 1060	15J 2692	132.88
5V 1120	15J 2845	138.68
5V 1180	15J 2997	145.43
5V 1250	15J 3175	149.50
5V 1320	15J 3353	160.88

# BANDED V-BELTS

## Continued: Banded V-belts with high-performance narrow V-belts profile 5V/15J



**Properties:**

- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 10000 mm

**Weight:** 1 rib 0.252 kg/m

Inches	Outer length in mm	
5V 1400	15J 3556	166.14
5V 1500	15J 3810	178.01
5V 1600	15J 4064	193.45
5V 1700	15J 4318	199.65
5V 1800	15J 4572	221.30
5V 1900	15J 4826	230.67
5V 2000	15J 5080	241.48
5V 2120	15J 5385	256.93
5V 2240	15J 5690	270.91
5V 2360	15J 5994	287.80
5V 2500	15J 6350	303.24
5V 2650	15J 6731	323.43
5V 2800	15J 7112	340.45
5V 3000	15J 7620	368.29
5V 3150	15J 8001	379.12
5V 3350	15J 8509	405.50
5V 3550	15J 9017	430.20

# BANDED V-BELTS



## Banded V-belts with high-performance narrow V-belts profile 8V/25J

**Properties:**

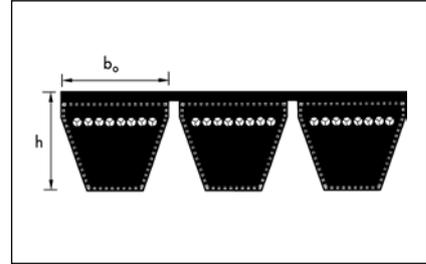
- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 15000 mm

**Weight:** 1 rib 0.693 kg/m

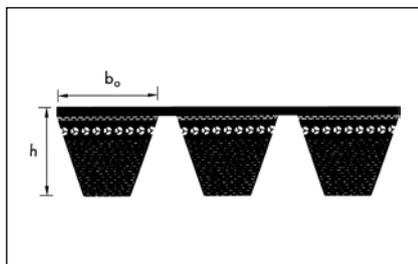


Profile	b0 = (mm)	h = (mm)
8V/25J	25.0	25.5

Inches	Outer length in mm	
8V 1000	25J 2540	232.12
8V 1060	25J 2692	243.07
8V 1120	25J 2845	256.93
8V 1180	25J 2997	270.91
8V 1250	25J 3175	286.35
8V 1320	25J 3353	300.21
8V 1400	25J 3556	320.40
8V 1500	25J 3810	340.45
8V 1600	25J 4064	359.05
8V 1700	25J 4318	385.45
8V 1800	25J 4572	408.55
8V 1900	25J 4826	434.80
8V 2000	25J 5080	451.96
8V 2120	25J 5385	484.42
8V 2240	25J 5690	512.27
8V 2360	25J 5994	536.94
8V 2500	25J 6350	568.09
8V 2650	25J 6731	598.96
8V 2800	25J 7112	639.21
8V 3000	25J 7620	682.51
8V 3150	25J 8001	716.54
8V 3350	25J 8509	764.58
8V 3550	25J 9017	812.61
8V 3750	25J 9525	857.35
8V 4000	25J 10160	913.03
8V 4250	25J 10795	971.87
8V 4500	25J 11430	1.036.95
8V 4750	25J 12065	1.095.66

# BANDED V-BELTS

## Banded V belts profile 3VX/9JX – open-flank, raw edge



**Properties:**

- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Weight:** 1 rib 0.117 kg/m

Profile	b0 = (mm)	h = (mm)
3VX/9JX	9.0	9.9

Inches	Outer length in mm
3VX 500 *	9JX 1270 38.27
3VX 530 *	9JX 1346 40.64
3VX 560 *	9JX 1422 42.51
3VX 600 *	9JX 1524 43.28
3VX 630 *	9JX 1600 44.07
3VX 670 *	9JX 1702 45.12
3VX 710 *	9JX 1803 48.17
3VX 750 *	9JX 1905 50.80
3VX 800 *	9JX 2032 53.96
3VX 850 *	9JX 2159 58.99
3VX 900 *	9JX 2286 60.71
3VX 950 *	9JX 2413 61.36
3VX 1000 *	9JX 2540 62.41
3VX 1060 *	9JX 2692 69.02
3VX 1120 *	9JX 2845 74.03
3VX 1180 *	9JX 2997 77.21
3VX 1250 *	9JX 3175 78.91
3VX 1320 *	9JX 3353 81.54
3VX 1400 *	9JX 3556 88.15

\* Non-stock items, minimum order amounts on request

# BANDED V-BELTS



## Banded V belts profile 5VX/15JX – open-flank, raw edge

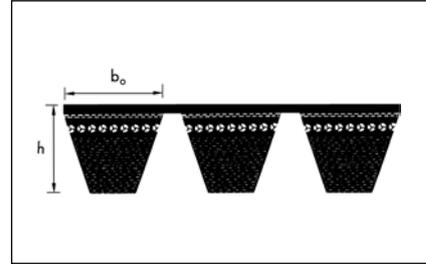
**Properties:**

- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Weight:** 1 rib 0.241 kg/m



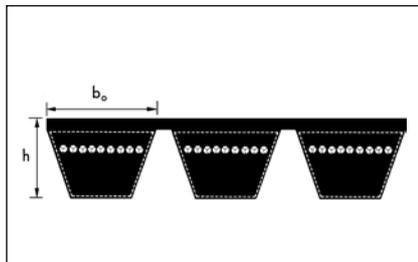
Profile	b <sub>0</sub> = (mm)	h = (mm)
5VX/15JX	15.0	15.1

Inches	Outer length in mm	
5VX 500 *	15JX 1270	76.40
5VX 530 *	15JX 1346	78.91
5VX 560 *	15JX 1422	85.65
5VX 600 *	15JX 1524	90.52
5VX 630 *	15JX 1600	96.32
5VX 670 *	15JX 1702	102.14
5VX 710 *	15JX 1803	106.50
5VX 750 *	15JX 1905	112.96
5VX 800 *	15JX 2032	120.47
5VX 850 *	15JX 2159	129.72
5VX 900 *	15JX 2286	132.88
5VX 950 *	15JX 2413	134.47
5VX 1000 *	15JX 2540	137.11
5VX 1060 *	15JX 2692	147.00
5VX 1120 *	15JX 2845	152.94
5VX 1180 *	15JX 2997	159.40
5VX 1250 *	15JX 3175	165.60
5VX 1320 *	15JX 3353	176.29
5VX 1400 *	15JX 3556	184.09

\* Non-stock items, minimum order amounts on request

# BANDED V-BELTS

## Banded V-belts using classical V-belts – profile A/HA



Profile	b0 = (mm)	h = (mm)
A/HA	13.0	9.9

**Properties:**

- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 8000 mm

**Weight:** 1 rib 0.163 kg/m

Belt No. A	Inner length in mm Profile A	Outer length in mm Profile HA
47	1200	1236
51	1300	1336
57	1450	1486
59	1500	1536
64	1600	1661
67	1700	1736
71	1800	1836
75	1900	1936
79	2000	2036
88	2240	2276
98	2500	2536
104	2650	2686
112	2845	2881
120	3048	3084
128	3250	3286
144	3658	3694
158	4000	4036
167	4250	4286
187	4750	4786

# BANDED V-BELTS



## Banded V-belts using classical V-belts – profile B/HB

**Properties:**

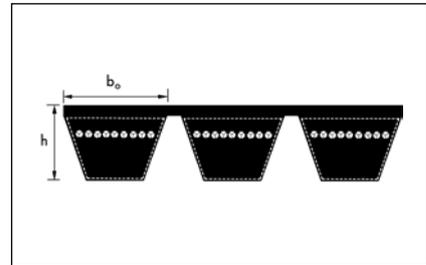
- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 10000 mm

**Weight:** 1 rib 0.266 kg/m

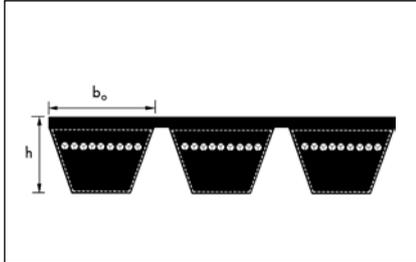


Profile	b0 = (mm)	h = (mm)
B/HB	17.0	13.0

Belt No. B	Inner length in mm Profile HB	Outer length in mm Profile HB
47	1200	1262
51	1300	1362
55	1400	1462
59	1500	1562
61	1550	1612
63	1600	1662
64	1625	1687
67	1700	1762
71	1800	1862
73	1850	1912
75	1900	1962
79	2000	2062
83	2100	2162
88	2240	2302
91	2300	2362
94 1/2	2400	2462
98	2500	2562
102	2600	2662
106	2700	2762
112	2845	2907
118	3000	3062
120	3048	3110
128	3250	3312
132	3350	3412
140	3550	3612
146	3700	3762
148	3750	3812
158	4000	4062
167	4250	4312
177	4500	4562
187	4750	4812
197	5000	5062
208	5300	5362
220	5600	5662

# BANDED V-BELTS

## Banded V-belts using classical V-belts – profile C/HC



Profile	$b_0$ = (mm)	$h$ = (mm)
C/HC	22.0	16.2

**Properties:**

- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 12000 mm

**Weight:** 1 rib 0.447 kg/m

Belt No. C	Inner length in mm Profile C	Outer length in mm Profile HC	
90	2286	2361	122.07
98	2500	2575	130.38
108	2750	2825	142.91
120	3048	3123	154.79
128	3250	3325	167.19
140	3550	3625	184.09
146	3700	3775	188.83
151	3850	3925	207.45
167	4250	4325	222.88
177	4500	4575	229.08
187	4750	4825	247.55
197	5000	5075	256.93
208	5300	5375	270.91
220	5600	5675	289.39
236	6000	6075	304.82
248	6300	6375	320.40

# BANDED V-BELTS



## Banded V-belts using classical V-belts – profile D/HD

**Properties:**

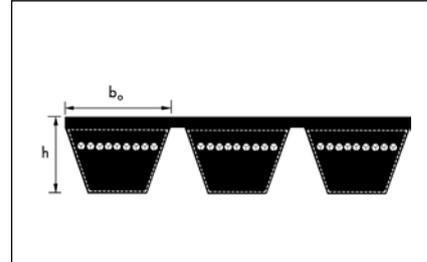
- vibration and impact-resistant
- no twisting of individual belts in the pulleys
- absolutely even force distribution
- high breaking loads
- high load strength
- long lifespan
- for large axis distances

**Application examples:**

- construction equipment
- agricultural equipment
- conveying technology
- paper-making equipment
- granulation equipment

**Max. manufacturing length:** 16000 mm

**Weight:** 1 rib 0.798 kg/m



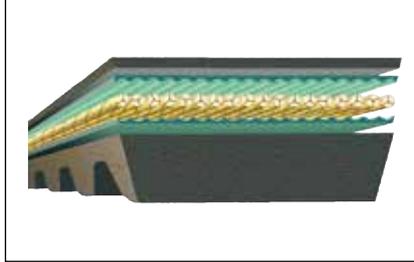
Profile	b0 = (mm)	h = (mm)
D/HD	32.0	22.4

Belt No. D	Inner length in mm Profile D	Outer length in mm Profile HD
98 *	2500	2611
110 *	2800	2911
120 *	3048	3159
128 *	3250	3361
144 *	3658	3769
158 *	4000	4111
162 *	4115	4226
173 *	4394	4505
180 *	4572	4683
195 *	4953	5064
210 *	5334	5445
225 *	5715	5826
240 *	6096	6207
255 *	6477	6588
270 *	6858	6969
285 *	7239	7350
300 *	7620	7731
315 *	8000	8111
330 *	8382	8493
345 *	8763	8874
360 *	9144	9255
390 *	9906	10017
420 *	10668	10779
450 *	11430	11541
480 *	12200	12311
540 *	13716	13827
600 *	15240	15351
660 *	16764	16875
700 *	17780	17891

\* Non-stock items, minimum order amounts on request

# WIDE V-BELT

## Wide V belts profile 13/5 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

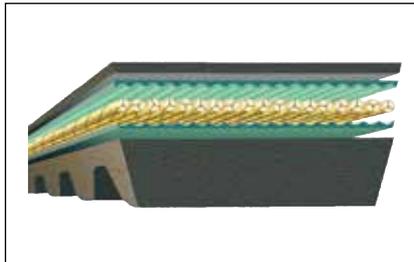
**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	Inner length in mm	
444510	468	26.27
405810	500	26.27

## Wide V belts profile 17/5 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	ISO name	Inner length in mm	
144200	W 16 500	476	34.58
144210	W 16 560	536	36.57
144220	W 16 600	570	36.57
144230	W 16 630	606	38.82
144250	W 16 800	776	41.04

# WIDE V-BELT



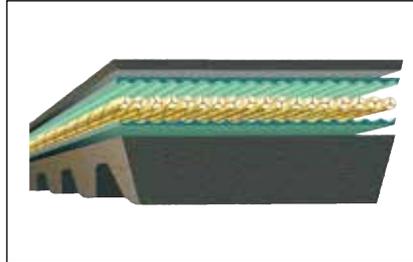
## Wide V belts profile 21/6 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment



Length name: Li

Item No.	ISO name	Inner length in mm	
144280	W 20 560	530	43.14
144300	W 20 630	600	43.14
144310	W 20 640	610	45.78
144320	W 20 710	675	45.78
144350	W 20 800	770	48.56
144380	W 20 900	870	51.60
144410	W 20 1000	970	55.02
144460	W 20 1250	1220	62.29

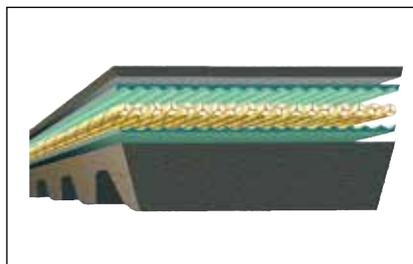
## Wide V belts profile 22/8 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment



Length name: Li

Item No.	Inner length in mm	
10067260	485	39.35
134110	525	48.43
153500	565	48.43
4523090	610	51.72
456840	650	51.72
456870	700	51.72
871390	800	55.29
145110	850	58.45
145140	900	58.45
145180	1060	66.24
398070	1185	70.33

# WIDE V-BELTS

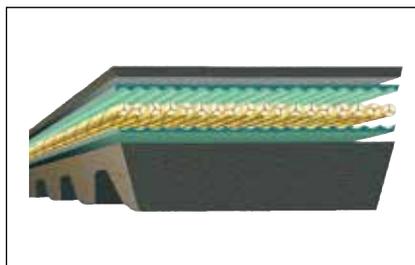
## Wide V belts profile 23/7 – covered, non-toothed



Length name: Li

Item No.	Inner length in mm	
143780	785	93.02
10077810	813	90.63
10077815	833	94.13
10077816	865	101.34
10077817	935	106.16

## Wide V belts profile 26/8 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

Length name: Li

Item No.	ISO name	Inner length in mm	
144890	W 25 690	655	57.80
144900	W 25 710	672	57.80
144920	W 25 750	710	61.49
144930	W 25 790	750	61.49
144940	W 25 800	762	61.49
144960	W 25 840	800	61.49
144980	W 25 900	862	65.32
145020	W 25 1000	962	69.02
145050	W 25 1120	1082	73.51

# WIDE V-BELTS



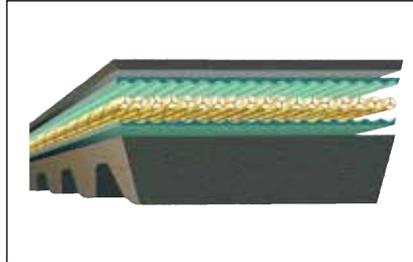
## Wide V belts profile 28/8 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment



Length name: Li

Item No.	Inner length in mm	
408040	600	54.10
456850	650	57.80
456880	700	57.80
159720	750	61.49
397990	800	61.49
145120	850	65.32
145150	900	65.32
145590	950	69.02
145610	1000	69.02
398020	1060	73.51
398040	1120	73.51
398080	1180	78.51
398110	1250	78.51
398130	1320	84.07
145210	1400	84.07
145230	1500	88.02

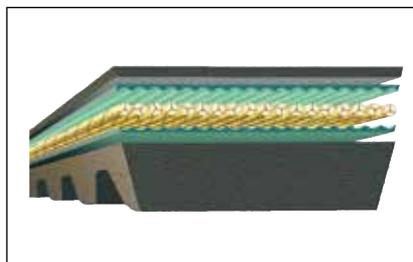
## Wide V belts profile 30/10 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

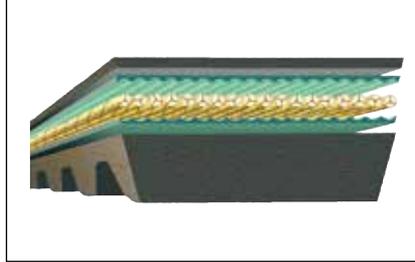
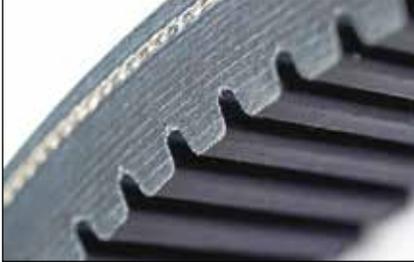


Length name: Li

Item No.	Inner length in mm	
144040	650	65.44
144050	665	65.44
144070	700	65.44
144110	800	69.40
144130	850	73.51
144140	875	73.51
144160	900	73.51

# WIDE V-BELTS

## Continued: Wide V belts profile 30/10 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

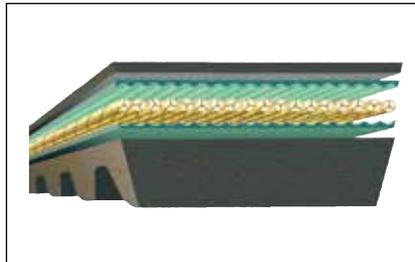
**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	Inner length in mm	
144480	950	77.86
144500	1000	77.86
144520	1035	82.87
144530	1050	82.87
144560	1120	82.87
144580	1200	88.15
144610	1340	94.35
144670	1500	98.30
144690	1600	102.53

## Wide V belts profile 32/10 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	ISO name	Inner length in mm	
455530	W 31.5 800	750	74.28
455540	W 31.5 840	790	74.28
455550	W 31.5 870	820	79.18
455560	W 31.5 900	850	79.18
455580	W 31.5 950	900	79.18
455600	W 31.5 1000	950	84.19
455610	W 31.5 1050	1000	84.19
455620	W 31.5 1120	1073	90.27
455630	W 31.5 1170	1120	90.27
455640	W 31.5 1230	1180	96.07
455650	W 31.5 1250	1200	96.07
455670	W 31.5 1400	1353	103.71

# WIDE V-BELTS



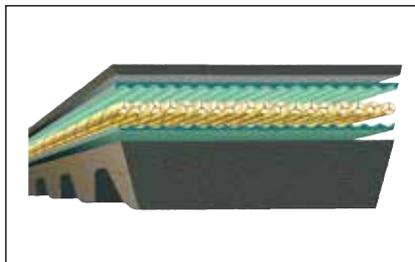
## Wide V belts profile 37/10 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment



Length name: Li

Item No.	Inner length in mm	
145500	747	90.78
145520	800	82.87
145130	850	88.29
145550	900	88.29
145160	950	93.68
145170	1000	93.68
398030	1060	100.16
395880	1120	100.16
398090	1180	107.14
398120	1250	107.14
398140	1320	115.20
398160	1400	115.20
145240	1500	120.88
145260	1600	126.29
398170	1700	131.84
398190	1800	137.25

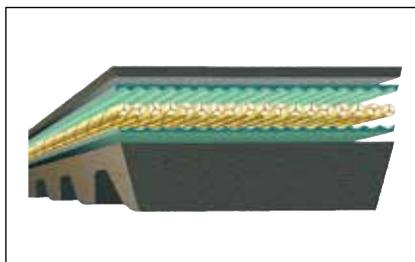
## Wide V belts profile 41/13 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

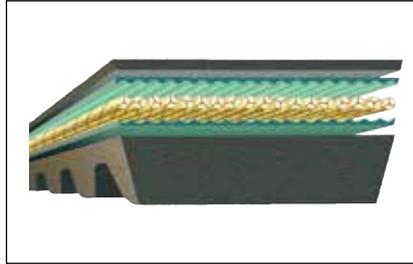


Length name: Li

Item No.	ISO name	Inner length in mm	
455750	W 40 990	925	114.68
455780	W 40 1060	1000	114.68
455790	W 40 1100	1040	122.59
455800	W 40 1120	1060	122.59
455810	W 40 1180	1120	122.59
455830	W 40 1250	1190	130.91
455850	W 40 1310	1250	130.91

# WIDE V-BELTS

## Continued: Wide V belts profile 41/13 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

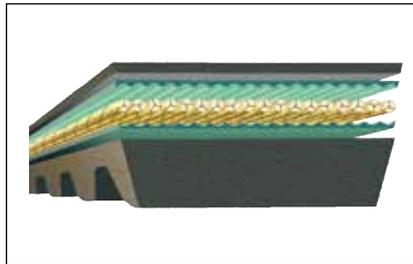
**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	ISO name	Inner length in mm	
455870	W 40 1400	1340	140.66
455940	W 40 1500	1440	147.52
455970	W 40 1660	1600	154.27
456000	W 40 1800	1740	165.60
456010	W 40 2000	1940	179.61

## Wide V belts profile 47/13 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	Inner length in mm	
398010	1000	123.90
145190	1060	132.49
398060	1120	132.49
145660	1180	141.32
145200	1250	141.32
398150	1320	152.41
145220	1400	152.41
145250	1500	159.40
145730	1600	165.60
398180	1700	174.84
145320	1800	181.06

# WIDE V-BELTS



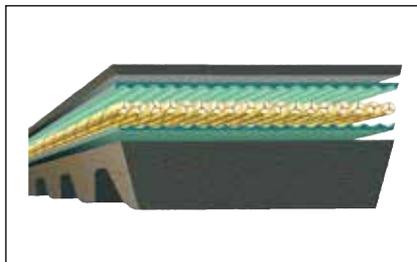
## Wide V belts profile 52/16 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment



Length name: Li

Item No.	ISO name	Inner length in mm	
456030	W 50 1250	1180	170.24
456040	W 50 1320	1250	170.24
456050	W 50 1400	1325	184.09
456060	W 50 1480	1400	184.09
456070	W 50 1600	1525	199.65
456080	W 50 1680	1600	199.65
456090	W 50 1800	1725	221.30
456110	W 50 2000	1925	238.31
456130	W 50 2240	2165	259.97
456140	W 50 2320	2240	259.97

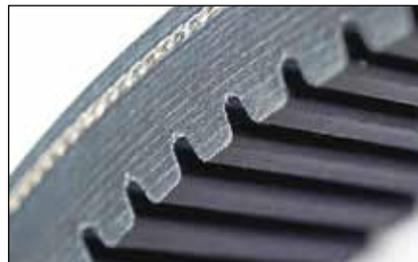
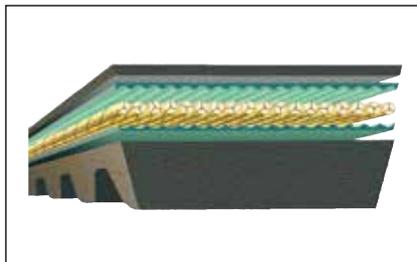
## Wide V belts profile 55/16 – open-flank, raw edge

**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

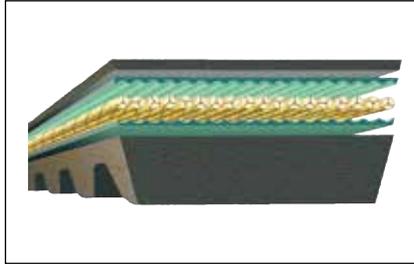


Length name: Li

Item No.	Inner length in mm	
145690	1320	199.49
145710	1400	184.09
407940	1500	193.45
145270	1600	199.65
145290	1700	210.46
464290	1800	233.31

# WIDE V-BELTS AND DOUBLE V-BELTS

## Wide V belts profile 70/18 – open-flank, raw edge



**Properties:**

- sure pulling power
- excellent transverse strength
- optimum profile tailoring
- very high break load
- flexible

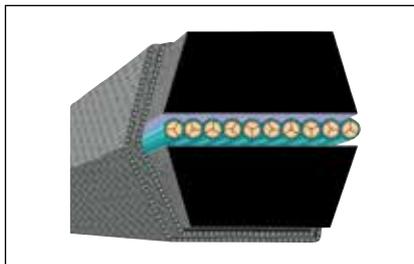
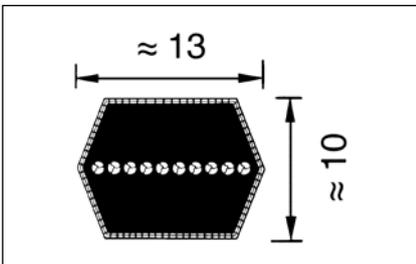
**Application examples:**

- variable speed gears
- machine tools
- textile machines
- printing machines
- agricultural equipment

**Length name:** Li

Item No.	Inner length in mm	
145300	1600	352.85
145370	2240	454.99
145410	2500	515.44

## Double V-belts profile AA/HAA



**Properties:**

- good power transfer for drives with multiple pulleys and opposite rotational direction
- very pliant to tension members in the neutral belt zone
- long service life

**Application examples:**

- agricultural equipment
- textile machines
- general mechanical design

**Weight:** 0.150 kg/m

Item No.	Belt No. AA	Reference length in mm	
4064000	77	2000	77.30
841550	78	2032	77.30
4064010	91	2370	89.43
4064020	96	2500	91.94
4064030	102	2650	97.31
4064040	103	2667	97.31
4064050	108	2800	107.45
4064060	128	3300	119.32
4064070	152	3920	144.58

# DOUBLE V-BELTS



## Double V-belts profile BB/HBB

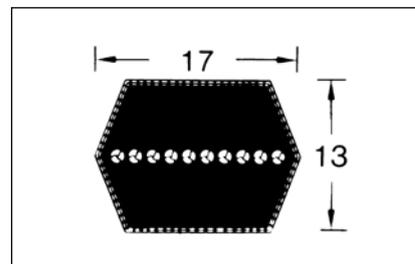
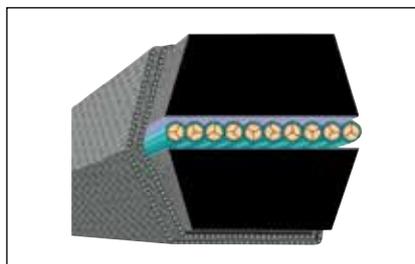
**Properties:**

- good power transfer for drives with multiple pulleys and opposite rotational direction
- very pliant to tension members in the neutral belt zone
- long service life

**Application examples:**

- agricultural equipment
- textile machines
- general mechanical design

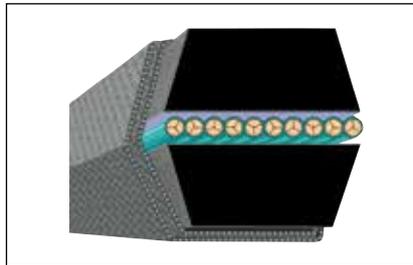
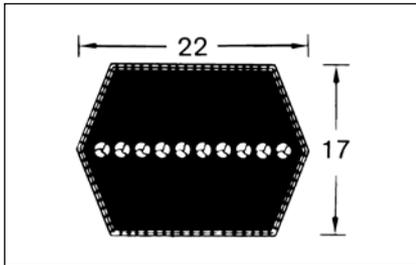
**Weight:** 0.250 kg/m



Item No.	Belt No. BB	Reference length in mm	
143700	75	1980	79.80
143710	83	2180	87.06
4064090	88	2300	91.94
4064100	90	2370	94.55
143720	95	2500	99.18
408580	97	2540	101.93
4064110	99	2600	107.45
143730	101	2650	107.45
4064120	105	2740	114.56
408600	107	2800	116.45
4064130	109	2850	116.45
4064140	111	2900	119.32
4064150	112	2920	119.32
143740	115	3000	119.32
4064160	116	3030	122.08
4064170	121	3150	127.32
4064180	125	3250	131.96
4064190	126	3280	133.59
4064200	128	3325	140.22
4064210	131	3390	142.72
4064220	133	3450	144.58
4064230	135	3500	144.58
4064240	137	3550	144.58
4064250	141	3658	149.35
4064260	144	3730	152.48
4064270	145	3750	152.48
4064280	155	4010	159.85
4064290	156	4040	161.36
4064300	162	4200	170.24
4064310	173	4470	178.99
4064320	174	4500	181.99
4064330	184	4750	190.62
4064340	194	5000	202.38
4064360	221	5639	225.89

# DOUBLE V-BELTS

## Double V-belts profile CC/HCC



**Properties:**

- good power transfer for drives with multiple pulleys and opposite rotational direction
- very pliant to tension members in the neutral belt zone
- long service life

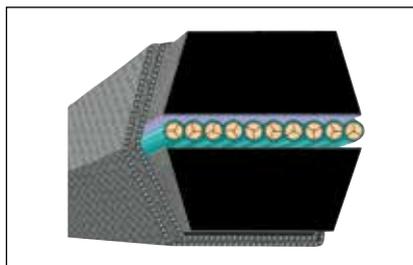
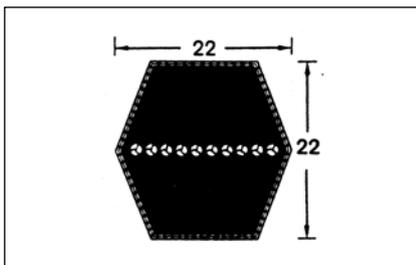
**Application examples:**

- agricultural equipment
- textile machines
- general mechanical design

**Weight:** 0.440 kg/m

Item No.	Belt No. CC	Reference length in mm	
4065110	86	2280	146.71
4065120	94	2500	162.86
4065130	106	2800	177.49
4065140	122	3200	202.38
4065150	126	3310	209.76
4065160	144	3765	239.02
4065170	153	4000	256.79
4065180	162	4216	267.05
4065190	165	4300	274.29
4065200	173	4500	286.05
4065210	193	5000	313.82
4065220	204	5300	337.33
4065230	206	5340	341.84
4065250	224	5750	363.86

## Double V-belts profile 22x22



**Properties:**

- good power transfer for drives with multiple pulleys and opposite rotational direction
- very pliant to tension members in the neutral belt zone
- long service life

**Application examples:**

- agricultural equipment
- textile machines
- general mechanical design

**Weight:** 0.511 kg/m

Item No.	Reference length in mm	
143880	5180	365.35
4065400	5220	368.24
4065410	5850	407.77
4065420	6270	435.65

# WIDE-ANGLE V-BELTS

## Wide-angle V-belts made of polyurethane (angle 60°) – profile 3M

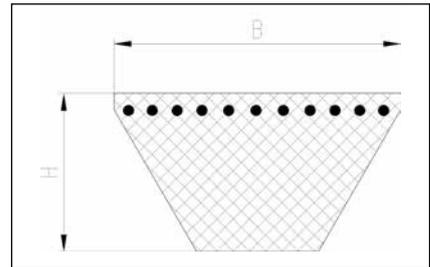
**Properties:**

- compact design
- runs quiet
- stable length
- maintenance-free
- small axis distances

**Application examples:**

- office machines
- household appliances
- machine tools
- general mechanical design

**Design:** 3M – W= 3 x H= 2 mm



Item No.	Outer length in mm	
984580	180	16.33
984600	185	16.33
836970	190	16.33
1075570	195	16.33
1075580	200	16.33
1075590	206	16.33
1075610	212	16.33
984610	218	16.33
984620	224	16.33
984640	230	16.33
836950	236	16.33
446940	243	16.33
1050210	250	16.33
1075480	258	16.33
950740	265	16.33
1075490	272	16.33
1050220	280	16.33
941540	290	16.33
1075500	300	16.33
1075510	307	16.33
148180	315	16.33
1075520	325	16.33
959830	335	16.33
1075530	345	16.33
1075560	355	16.33
148190	365	16.33

Item No.	Outer length in mm	
1050250	375	16.33
836960	387	16.33
836980	400	16.33
1075620	412	16.33
1075630	425	16.33
1075650	437	16.33
148200	450	16.33
1075660	462	17.16
1075680	475	17.16
1075690	487	17.84
148210	500	17.84
1075720	515	18.65
1075730	530	19.04
1075740	545	19.04
148220	560	19.31
1075750	580	19.31
148230	600	19.31
1075770	615	19.45
1075790	630	20.14
148240	650	20.26
1075810	670	20.67
1075820	690	20.81
148250	710	21.48
1075830	730	21.90
1075860	750	22.43

# WIDE-ANGLE V-BELTS

## Wide-angle V-belts made of polyurethane (angle 60°) – profile 5M

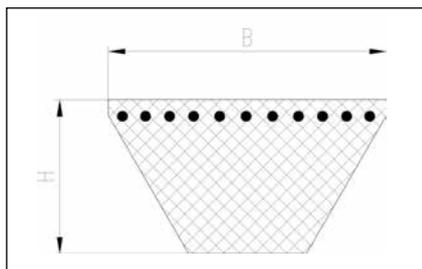


**Properties:**

- compact design
- runs quiet
- stable length
- maintenance-free
- small axis distances

**Application examples:**

- office machines
- household appliances
- machine tools
- general mechanical design



**Design:** 5M – W= 5 x H= 3 mm

Item No.	Outer length in mm	
148260	280	25.01
1075960	290	25.01
148270	300	25.01
1075970	307	25.01
879960	315	25.01
1075880	325	25.01
1075890	335	25.01
1075900	345	25.01
148280	355	25.01
148290	365	25.01
853800	375	25.01
446980	387	25.01
148300	400	25.01
836990	412	25.01
446990	425	25.01
447000	437	25.01
148310	450	25.01
1075910	462	25.01
837000	475	25.01
1075930	487	25.01
148320	500	25.01
447010	515	25.01
879970	530	26.50
148330	545	27.02
855780	560	27.16
867750	580	28.21
148340	600	28.60
950680	615	28.74
837010	630	29.26
152730	650	29.53

Item No.	Outer length in mm	
951730	670	30.04
837050	690	30.31
148350	710	31.74
867680	730	32.01
660500	750	32.13
1075980	775	32.52
148360	800	33.32
446970	825	33.00
1050230	850	33.50
867700	875	35.01
148370	900	36.20
1075990	925	36.27
1076040	950	37.07
1076360	975	38.04
148380	1000	38.56
1076390	1030	39.47
660490	1060	40.40
148390	1090	41.18
148400	1120	41.47
1076000	1150	41.76
1050240	1180	42.56
148410	1220	43.36
1050260	1250	44.47
1076010	1280	45.65
148420	1320	48.15
1076020	1360	47.56
148430	1400	49.83
1076030	1450	49.99
148440	1500	52.21
1076050	1850	60.00

# WIDE-ANGLE V-BELTS

## Wide-angle V-belts made of polyurethane (angle 60°) – profile 7M

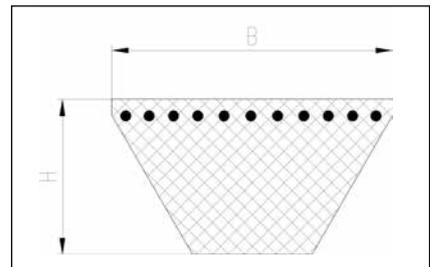
**Properties:**

- compact design
- runs quiet
- stable length
- maintenance-free
- small axis distances

**Application examples:**

- office machines
- household appliances
- machine tools
- general mechanical design

**Design:** 7M – W= 7 x H= 5 mm



Item No.	Outer length in mm	
148450	500	35.66
1075760	515	35.66
1008810	530	35.66
1008640	545	35.66
837080	560	35.66
1075780	580	35.66
148460	600	35.66
980610	615	35.66
837090	630	35.66
837100	650	37.13
837110	670	38.04
837120	690	38.17
148470	710	38.56
837130	730	38.94
148480	750	39.47
984000	775	39.88
148490	800	40.66
867740	825	40.80
148500	850	41.45
761890	875	42.51
148510	900	43.03
148520	925	43.29
950730	950	43.53
837160	975	44.37
148530	1000	45.37
867760	1030	45.64
899680	1060	46.18

Item No.	Outer length in mm	
1075800	1090	47.09
148540	1120	48.01
950710	1150	48.94
1075840	1180	49.17
148550	1220	50.64
1050270	1250	51.55
1008600	1280	52.21
148560	1320	52.86
1075850	1360	53.25
148570	1400	54.83
867730	1450	56.15
148580	1500	57.32
1075870	1550	57.82
148590	1600	60.21
1076060	1650	61.25
148600	1700	62.96
1076070	1750	63.83
148610	1800	65.86
1076080	1850	73.50
1076090	1900	75.38
1076100	1950	77.02
148620	2000	79.17
1076110	2060	80.93
1076120	2120	84.65
1076130	2180	88.79
1076140	2240	89.85
148630	2300	94.57

# WIDE-ANGLE V-BELTS

## Wide-angle V-belts made of polyurethane (angle 60°) – profile 11M

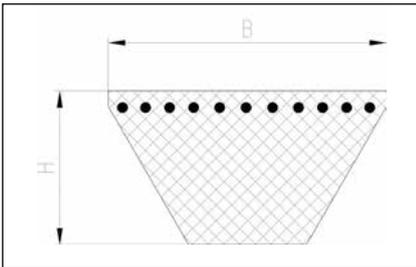


**Properties:**

- compact design
- runs quiet
- stable length
- maintenance-free
- small axis distances

**Application examples:**

- office machines
- household appliances
- machine tools
- general mechanical design



**Design:** 11M – W= 11 x H= 7 mm

Item No.	Outer length in mm	
148640	710	57.96
1076150	730	58.24
1076160	750	58.78
837180	775	61.51
148650	800	62.96
837190	825	63.60
837200	850	64.54
837210	875	65.47
148660	900	65.86
867710	925	67.29
837220	950	68.87
883680	975	70.18
148670	1000	70.43
837230	1030	71.76
950890	1060	73.07
148680	1090	73.99
148690	1120	75.16
941200	1150	76.34
941550	1180	77.78
148700	1220	79.36
837240	1250	80.41

Item No.	Outer length in mm	
837250	1280	81.59
148710	1320	81.99
867690	1360	84.34
148720	1400	86.32
855770	1450	88.02
148730	1500	89.73
837260	1550	92.21
148740	1600	93.64
1076170	1650	96.24
148750	1700	97.67
1076180	1750	99.03
148760	1800	104.41
837270	1850	120.81
1076190	1900	121.44
1076200	1950	122.93
148770	2000	128.43
1076210	2060	130.81
1076220	2120	131.99
1076230	2180	135.65
1076240	2240	139.16
148780	2300	146.92

# V-RIBBED BELT



## V-ribbed belts Profile PJ

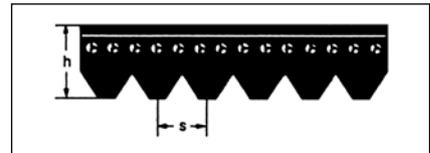
**Properties:**

- small bending radii, extremely flexible
- high bending reversal durability
- low expansion
- even force distribution over the entire belt width
- number of ribs tailored to the transfer load
- long service life

**Application examples:**

- machine tools
- printing equipment
- household appliances
- electrical tools
- conveying technology

**Weight:** 1 rib 0.009 kg/m



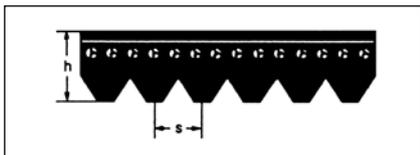
Inches	Reference length in mm	
11	280	1.86
13	330	1.86
14	356	1.86
14.3	362	1.86
15	381	1.86
16	406	1.86
16.3	414	1.86
17	432	1.86
18	457	1.86
19	483	1.86
20	508	1.86
22	559	1.86
23	584	1.86
24	610	1.86
26	660	1.86
27	686	1.86
28	711	1.86
28.5	723	1.98
29	737	1.98
30	762	1.98
32	813	1.98
32.9	836	1.98
33	838	1.98
34	864	1.98
35	889	1.98
36	914	1.98
37.6	955	2.37
38	965	2.37
39	991	2.37
40	1016	2.37
41.5	1054	2.51
43	1092	2.51
43.5	1105	2.51
43.7	1110	2.51
44.2	1123	2.51
44.5	1130	2.51
45	1143	2.51
45.3	1150	2.51
46	1168	2.51
47	1194	2.51
47.3	1200	2.51
48	1219	2.51
48.1	1222	2.51
49	1244	2.51
49	1245	2.51

Inches	Reference length in mm	
49.7	1262	2.51
50	1270	2.51
50.6	1285	2.77
51	1295	2.77
51.2	1301	2.77
51.5	1309	2.77
51.8	1316	2.77
52	1321	2.77
52.5	1333	2.77
53.4	1355	2.77
54	1371	2.77
54	1372	2.77
55	1397	2.77
56.2	1428	2.77
56.7	1439	2.77
57.5	1461	2.90
58	1473	3.03
58.1	1475	3.03
61	1549	3.03
63	1600	3.03
64	1626	3.03
65	1651	3.17
65.5	1663	3.17
67	1702	3.17
69	1752	3.30
69	1753	3.30
70	1778	3.56
70	1780	3.56
73	1854	3.56
74.6	1895	3.56
75.2	1910	3.56
75.4	1915	3.56
76	1930	3.56
77	1956	3.70
77.4	1965	3.70
78	1981	3.70
78.4	1992	3.70
79.5	2019	3.95
82	2083	3.95
84.8	2155	4.08
87	2210	4.22
90	2286	4.48
92	2337	4.62
98	2489	4.89

Profile	PJ
s = (mm)	2.34
h = (mm)	3.50

# V-RIBBED BELT

## V-ribbed belts Profile PL



**Properties:**

- small bending radii, extremely flexible
- high bending reversal durability
- low expansion
- even force distribution over the entire belt width
- number of ribs tailored to the transfer load
- long service life

**Application examples:**

- machine tools
- printing equipment
- household appliances
- electrical tools
- conveying technology

**Weight:** 1 rib 0.041 kg/m

Profile	PL
s = (mm)	4.7
h = (mm)	7.0

Inches	Reference length in mm	
37.5	954	5.94
39	991	6.20
42.3	1075	6.86
47	1194	7.00
50	1270	7.27
52.5	1333	7.38
54	1371	7.92
55	1397	7.92
56	1422	7.92
59	1499	8.69
61.5	1562	8.69
63.5	1613	9.24
65.5	1664	9.36
67.5	1715	9.77
69.5	1764	9.77
69.5	1765	9.77
71	1803	10.03
72.5	1841	10.56
76.5	1943	10.56
78	1981	10.67
79.5	2019	10.67
79.5	2020	10.67
81.5	2070	10.96
82.5	2096	11.09
84	2134	11.33

Inches	Reference length in mm	
86.5	2197	11.61
88	2235	12.14
91.5	2324	12.29
93	2362	12.94
97.5	2476	13.47
99	2515	13.59
106.5	2705	14.64
108	2743	15.04
112	2845	15.30
114	2895	15.44
115	2921	15.57
118	2997	16.24
121.5	3086	16.76
123	3124	17.16
129.5	3289	17.53
131	3327	17.95
137.5	3492	18.87
145.5	3696	19.79
159.5	4051	21.90
165	4191	22.56
176	4470	24.54
182	4622	24.94
198	5029	27.33
212	5385	29.43
240	6096	33.77

# V-RIBBED BELT



## V-ribbed belts Profile PM

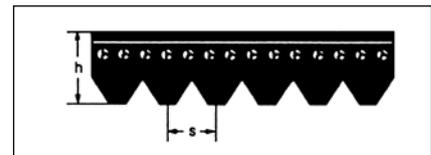
**Properties:**

- small bending radii, extremely flexible
- high bending reversal durability
- low expansion
- even force distribution over the entire belt width
- number of ribs tailored to the transfer load
- long service life

**Application examples:**

- machine tools
- printing equipment
- household appliances
- electrical tools
- conveying technology

**Weight:** 1 rib 0.114 kg/m



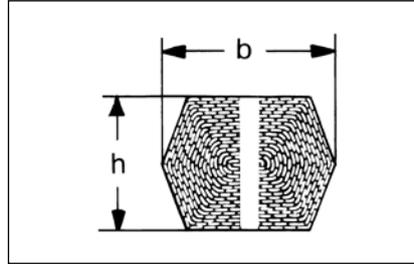
Inches	Reference length in mm	
90	2286	35.90
94	2388	37.08
99	2515	38.82
106	2693	42.77
111.5	2832	44.75
115	2921	45.78
118.5	3010	46.72
123	3124	48.96
131	3327	52.40
139	3531	55.55
147	3734	57.27
161	4089	62.68
165	4191	63.46
176	4470	68.08

Inches	Reference length in mm	
183	4648	71.13
198	5029	76.53
213	5410	81.54
241	6121	92.25
271	6883	104.12
301	7646	114.68
331	8408	126.13
361	9169	138.94
391	9931	148.34
421	10693	159.40
481	12217	174.72
541	13741	203.75
601	15266	226.31
660	16764	254.03

Profile	PM
s = (mm)	9.4
h = (mm)	13.0

# OPEN-END V-BELTS

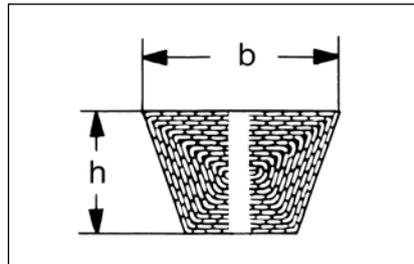
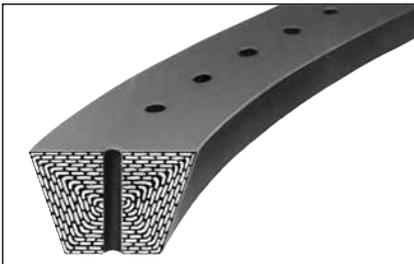
## Open-end double V-belts OPTIMAT DIN 2216, with holes



**Roll length:** 50 m  
 Special designs (only available in manufactured lengths of approx. 50 m)  
 Design (S) with black chloroprene cover strips: 10% surcharge  
**Unperforated design:** without surcharge

Item No.	Profile (green cover strips)	width x height in mm	Weight kg/m	
147640	AA/13	13 x 10.5	0.140	68.77
147650	BB/17	17 x 14	0.250	95.29
147670	CC/22	22 x 18	0.410	136.66

## Open-end V-belts OPTIMAT DIN 2216, with holes



**Roll length:** 50 m  
 Special designs (only available in manufactured lengths of approx. 50 m)  
 Design (S) with black chloroprene cover strips: 10% surcharge  
**Unperforated design:** without surcharge  
**Polyester (red) design:** on request

Item No.	Profile (green cover strips)	width x height in mm	Weight kg/m	
147520	Y/6	6 x 4	0.030	27.33
147530	8	8 x 5	0.050	30.48
147540	Z/10	10 x 6	0.070	39.58
147550	A/13	13 x 8	0.120	48.17
147560	B/17	17 x 11	0.200	59.12
147570	20	20 x 12.5	0.270	75.33
147580	C/22	22 x 14	0.340	92.50
147590	25	25 x 16	0.440	116.78
147600	D/32	32 x 20	0.680	181.06
147610	E/40	40 x 25	1.000	297.17

## Plate connector for OPTIMAT DIN 2216, with holes

Item No.	Profile	
147680	Y/6	4.08
147690	8	4.08
147700	Z/10	4.36
147710	A/13	4.62
147720	B/17	4.89
147730	20	7.79
147740	C/22	8.45
148140	CC/22	13.85
147750	25	13.85

# OPEN-END V-BELTS



## Plate connector for OPTIMAT DIN 2216, with holes

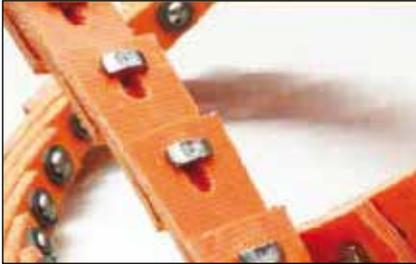
Item No.	Profile	
147760	D/32	12.29
147770	E/40	26.27

## Link joint for OPTIMAT DIN 2216, with holes

Item No.	Profile	
147820	Z/10	13.06
147830	A/13	15.18
147840	B/17	17.95
147850	20	18.73
147860	C/22	22.31

# COMPOSITE V-BELTS

## Composite V-belts NU-T-LINK



**Advantages:**

- Significantly longer service life under hostile belt conditions. High resistance to the effects of industrial chemicals. oils, greases, emulsion, water, steam and abrasion. Functional durability within a temperature range of -40°C to +100°C.
- Fast mounting. Particularly for difficult to access drives.
- High performance and high belt speeds.
- Smooth running. The vibration-damping ribbed design results in significantly improved machining quality.
- Fits both normal as well as narrow V-belt pulleys.
- Precisely matched sets. Simple requirement: Each belt of a set must have the same number of ribs.
- Each length is available immediately.
- Severely reduced inventory. Only a few rollers of the common profiles cover 95% of the V-belt requirements.
- For the original equipment: Compact machine design. Technical support is available.

Item No.	Profile	
147920	Z/10	32.17
147930	A/13	34.99
147940	B/17	39.50
407610	20	50.22
147950	C/22	62.07
147970	D/32	153.49

## SUPER-T-LINK Composite V-belts



Item No.	Profile	
10056005	SPZ	52.15
1030930	SPA	52.15
1030940	SPB	56.88
1030950	SPC	87.35

# FLAT BELTS

## Rubber/fabric flat belts

Roll length: 50 m

Costs for hook connection: EUR 15.00

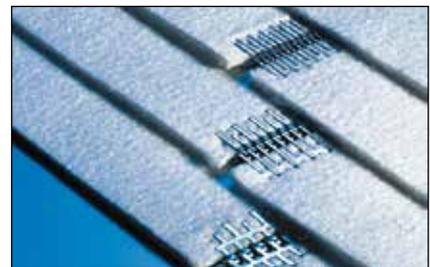
Seamless connection (welded) on request



Item No.	Width in mm	Fabric lining				
60003712	30	3-fold	4.63	4.17	3.47	2.78
60003713	40	3-fold	6.14	5.52	4.60	3.68
60003714	50	3-fold	7.64	6.87	5.73	4.59
60003715	60	3-fold	9.15	8.24	6.86	5.49
60003716	70	3-fold	10.66	9.59	7.99	6.40
60003717	70	4-fold	14.10	12.69	10.58	8.47
60003718	80	3-fold	12.05	10.85	9.04	7.24
60003719	80	4-fold	16.15	14.53	12.11	9.69
60003720	90	4-fold	18.19	16.37	13.64	10.91
60003710	100	4-fold	18.51	16.66	13.88	11.11
60003711	120	4-fold	21.95	19.76	16.47	13.18

## Hook connectors for flat belts

Rubber/fabric belts, leather and high performance flat belts can be made end-less quickly and at low cost using hook connectors.

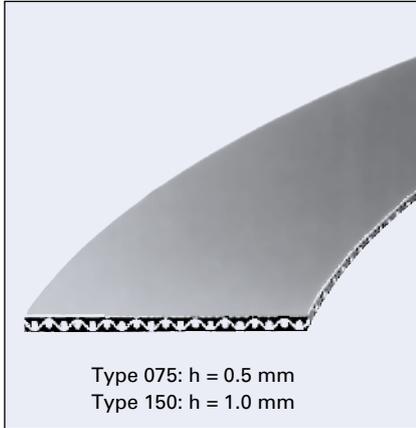


Item No.	Type	for belt thickness mm	
796880	Anchor 2-G-300W	3.0 – 4.0	2.18
796890	Anchor 3-G-300W	4.0 – 5.0	2.41
796900	Anchor 4-G-300W	5.0 – 6.5	2.65
796910	Anchor 5-G-300W	6.5 – 8.0	3.19
796920	Anchor 6-G-300W	8.0 – 9.0	3.46
796930	Anchor A2-300W	3.0 – 4.0	2.02
796940	Anchor A3-300W	4.0 – 5.0	2.17
796950	Anchor A4-300W	5.0 – 6.5	2.38
796960	Anchor A5-300W	6.5 – 8.0	2.86
796970	Anchor A6-300W	8.0 – 9.0	3.21
796980	Anchor A7-300W	9.0 – 10.0	3.64

# FLAT BELTS



## Endless high performance flat belts OPTIMAX-HF



The raw material of this high performance flat belt is polyester yarn. This is woven to endless windings and then enclosed with a high quality rubber mixture.

### Widths

This standard range can be supplied in any width up to max. 430 mm.

### Intermediate lengths

Apart from these standard lengths, any length between 150 and 3800 mm can be supplied on request.

### Surcharge for short quantities

Type 150: 1 to 5 pcs = 25%

### Tolerances

- a) length tolerance:  $\pm 1\%$ , at least  $\pm 3$  mm
- b) width tolerance:  $\pm 0.5$  mm, can be reduced to  $\pm 0.2$  mm.

### Minimum purchase amount

Type 075: 1 winding = 430 mm  $\pm 10\%$

### Weights

Type 075  $\approx 0.620$  kg/m<sup>2</sup>  
Type 150  $\approx 1.210$  kg/m<sup>2</sup>

## Flat Belts Optimax-HF, Type 150

L <sub>i</sub> (mm) b (mm)	Price € / each												
	10	15	20	25	30	35	40	50	60	70	80	90	100
400/-600	13.80	16.90	19.80	22.90	26.10	29.00	32.00	40.00	48.00	56.60	63.00	70.40	77.40
601/-700	14.90	18.00	21.60	23.70	28.10	31.40	34.80	43.30	51.90	61.30	68.00	76.10	83.70
701/-800	15.50	19.70	22.90	26.10	29.80	33.30	36.50	45.80	55.10	65.10	71.90	80.70	88.80
801/-900	16.50	20.50	24.20	27.50	31.50	35.20	39.00	48.80	58.30	69.10	76.70	85.90	94.30
901/-1000	17.70	21.70	25.70	29.80	33.50	37.50	41.50	51.90	61.80	73.10	80.80	90.80	99.80
1001/-1200	19.80	24.20	28.60	33.10	36.90	41.90	45.80	57.70	69.10	81.70	90.70	101.70	111.80
1201/-1400	21.80	26.80	31.70	36.30	41.20	45.80	50.60	63.50	75.90	89.70	99.40	111.80	122.40
1401/-1600	23.70	29.00	33.90	39.70	45.00	50.10	55.60	69.70	83.50	98.50	109.50	122.40	134.60
1601/-1800	25.70	31.50	36.90	42.90	48.20	54.60	60.40	74.80	89.40	105.70	117.40	132.10	145.40
1801/-2000	27.50	33.60	40.00	46.40	53.90	58.50	65.10	80.80	96.90	114.50	127.30	141.80	155.10
2001/-2200	29.80	36.30	42.90	49.60	56.40	61.80	69.30	87.00	104.50	122.40	137.00	152.70	168.50
2201/-2400	31.70	38.60	45.70	53.00	60.30	67.20	74.10	92.90	111.80	132.10	146.60	162.40	180.50
2401/-2600	33.50	41.30	48.40	55.90	63.80	71.40	78.90	98.80	118.60	139.40	153.90	173.40	190.30
2601/-2800	35.70	43.10	51.90	59.60	67.60	75.70	83.60	104.50	126.00	147.80	163.60	183.00	202.40
2801/-3000	37.50	45.80	54.70	63.00	71.40	80.20	88.40	105.70	127.30	150.30	166.10	184.20	203.70
3001/-3200	39.70	48.30	57.60	66.30	75.60	84.00	92.80	116.50	138.20	166.10	181.80	203.70	224.20
3201/-3400	41.50	50.90	60.50	69.30	79.10	88.40	98.00	121.20	146.60	173.40	190.30	214.50	233.90
3401/-3600	42.90	53.50	63.40	72.80	83.00	92.50	102.50	128.50	153.90	181.80	201.20	224.20	248.40
3601/-3700	44.70	55.70	65.80	75.60	86.00	96.20	106.50	134.60	157.60	187.90	208.40	233.90	258.20

## Standard Range Optimax-HF Type 150 L<sub>i</sub> (mm)

400	540	680	810	940	1080	1220	1360	1500	1640	1790	1940	2110	2300	2570	3150
410	550	690	820	950	1090	1230	1370	1510	1650	1800	1950	2120	2310	2580	3160
420	560	695	830	960	1100	1240	1380	1520	1660	1810	1960	2130	2340	2650	3250
430	570	700	840	970	1110	1250	1390	1530	1670	1920	1970	2140	2350	2660	3300
440	580	710	850	980	1120	1260	1400	1540	1680	1830	1980	2150	2370	2700	3400
450	590	720	860	990	1130	1270	1410	1550	1700	1840	2000	2190	2380	2750	3500
460	600	730	870	1000	1140	1280	1420	1560	1710	1850	2020	2200	2400	2780	3600
470	610	740	880	1010	1150	1290	1430	1570	1720	1860	2030	2210	2430	2800	-
480	620	750	890	1020	1160	1300	1440	1580	1730	1870	2040	2220	2440	2850	-
490	630	760	900	1030	1170	1310	1450	1590	1740	1880	2050	2240	2450	2900	-
500	640	770	910	1040	1180	1320	1460	1600	1750	1890	2060	2250	2480	2950	-
510	650	780	920	1050	1190	1330	1470	1610	1760	1900	2070	2270	2500	3000	-
520	660	790	930	1060	1200	1340	1480	1620	1770	1920	2090	2280	2520	3050	-
530	670	800	-	1070	1210	1350	1490	1630	1780	1930	2100	2290	2550	3100	-

# FLAT BELTS ESBAND FLAT BELTS



## Esband flat belts

The specific production process guarantees the following characteristics:

- uniform cross section
- uniform tear strength and flexibility
- running on the smallest belt pulley diameter even at high belt speed and high bending frequency
- optimum vibration damping due to lowest thickness tolerance
- equal length belt sets

### Application examples

ESBAND high performance flat belts and conveyor belts are used in the following example areas:

- miniature drives
- computer disc drives
- paper transport
- accumulation conveyors
- folding machines
- grinding machines
- packaging systems
- assembly/handling lines
- angle drives
- fan drives and many more



ESBAND flat belts are manufactured endless without any joints. Depending on the application area, ESBAND high performance flat belts and conveyor belts are designed with

- polyurethane coating
- silicone coating
- Neoprene coating

The coatings can be applied in different thicknesses on one side or both sides. The coatings can be ground if required.

Esband type	NE 21	NE 22	NE 133/1	PU 11	PU 12	PC
Mesh	Polyester	Polyester	Polyester/	Polyester	Polyester	Polyester
Antistatic	Yes	Yes	cotton	Yes	Yes	cotton
			Yes			No
Friction coefficient (1) coated side	0.6 $\mu$	0.6 $\mu$	0.6 $\mu$	0.4 $\mu$	0.4 $\mu$	0.5 $\mu$
uncoated side	–	–	0.1 $\mu$	0.4 $\mu$	0.3 $\mu$	0.5 $\mu$
Tear strength per cm endless	1700 N	3400 N	2100 N	1250 N	3400 N	2740 N
Belt elongation at 30 N	–	–	–	–	–	–
(for 10 mm endless at 300 N	1.2%	0.8%	0.6%	1.5%	0.8%	0.7%
width) at 600 N	6.0%	2.0%	1.8%	7.0%	2.0%	1.7%
Recommended preload (2)	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%
Smallest pulley $\phi$	15 mm	20 mm	12 mm	12 mm	20 mm	15 mm
Manufacturing dimensions						
Length	450–4800 mm	450–4800 mm	400–4400 mm	200–4800 mm	200–4800 mm	500–4200
Width	3–450 mm	3–450 mm	3–450 mm	3–800 mm	3–800 mm	5–400
Thickness (3)	0.9 mm	1.4 mm	1.2 mm	1.0	1.5 mm	1.1 mm
Tolerances (standard)						
Length	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$	$\pm 0.50\%$
Width	$\pm 0.50\text{ mm}$	$\pm 0.50\text{ mm}$	$\pm 0.50\text{ mm}$	$\pm 0.50\text{ mm}$	$\pm 0.50\text{ mm}$	$\pm 0.50\text{ mm}$
Thickness	$\pm 0.15\text{ mm}$	$\pm 0.15\text{ mm}$	$\pm 0.15\text{ mm}$	$\pm 0.10\text{ mm}$	$\pm 0.10\text{ mm}$	$\pm 0.15\text{ mm}$
Area of application	<ul style="list-style-type: none"> <li>• folding station drives</li> <li>• flexible</li> </ul>	<ul style="list-style-type: none"> <li>• folding station drives</li> <li>• high performance</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>• table wear</li> <li>• transport in difficult conditions</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>• good running properties</li> <li>• universal use</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>• drives for difficult ambient conditions</li> </ul>	<ul style="list-style-type: none"> <li>• folding station</li> <li>• transport</li> </ul>
Coating	Neoprene	Neoprene	Neoprene	polyurethane	polyurethane	PVC

(1) Average values determined according to test specifications 80.105 and 80.106 relating to ground steel.

(2) In relation to the endless belt length.

(3) Values change for the ground on one side and on two sides versions.

# FLAT BELTS / PU ROUND BELTS

## NCS high performance flat belts / industrial hoses / leather flat belts

### NCS high performance flat belts

Flat belts for universal use. Assembled from a special chrome leather and a tension member made of pliant polyamide. The different type designations explain the belt fabrication:

e.g. LL = leather – polyamide plate – leather  
 LFL = leather – foil – leather  
 LT = leather – polyamide plate – textile back  
 LF = leather – foil

The belt fabrication is selected depending on use and power transfer.

#### Applications:

Drives with higher speed and relatively higher power transfer. For harsh use, e.g. wood and metal processing machines. Drive via several pulleys. The NCS high performance flat belts can be produced at short notice in all widths and lengths. Prices on request.

We supply you with industrial hoses in various widths and thicknesses. The product range includes the designs:

- burned-in core leather
- cold-greased core leather

Leather flat belts made of solid core leather are supplied as timing belts in open length in the thicknesses 3–9 mm. The endless connection is made using a belt hook. We also supply twisted cord belts. Lengths and prices on request.

## Plastic round belts

### Perlon and polyester impregnated, Nomex not impregnated

**Colour:** orange, red, white, yellow

**Properties:** Perlon is resistant to heat up to 120°C, polyester up to 180°C and Nomex up to 260°C. All qualities are acid-resistant, wet-proof and oil-resistant, not elastic and have high tractive and shear strength, retensioning possibility required.

**Cord ø:** Smallest cord ø 1.8 mm

**Number of revolutions:**

Up to 5 mm ø 70.000 rpm.

ø above this 30.000 rpm.

**Smallest pulley ø:**

Triple cord ø, example:

cord ø 10 mm, smallest pulley ø 30 mm

**Application areas:** For engraving machines, high speed machines, grinding machines and other precision high speed apparatus. The cords have a heat and adhesion resistant impregnation which does not harden even at high speeds. For drives without retensioning possibilities, low elongation Perlon, polyester and Nomex belts can be attached.

### Curl crepe

**Colour:** white

**Properties:** heat-resistant up to 180°C, acid-resistant, wet-proof and oil-resistant, short-term elastic, very high shear strength, retensioning possibility required.

**Cord ø:** From 3 mm ø upwards

**Number of revolutions:**

Up to 5 mm ø 70.000 rpm.

ø above this 30.000 rpm.

**Smallest pulley ø:** Triple cord ø

**Application areas:** For machines with intermittent shock loads. The cords can also be used where grinding of the drive during running cannot be completely ruled out.

### Polyester PVC

**Colour:** yellow

Each strand consists of a cord which has high quality PVC square sheathing.

**Properties:** Heat-resistant up to 100°C, acid-resistant, wet-proof and oil-resistant, short-term elastic, retensioning possibility required.

**Cord ø:** From 5 mm ø on upwards.

**Number of revolutions:** Up to 10.000 rpm.

**Smallest pulley ø:** Triple cord ø

**Application areas:** For drives in the textile and machine tools industries without jerky loads. The belts must be placed on the machines with a certain preload.

### Polyurethane, 5-strand

**Colour:** green

**Properties:** Heat-resistant up to 120°C, elastic, wet-proof and oil-resistant, limited acid resistance, low stress n bearings, no retensioning required.

**Cord ø:** From 2.5 mm ø upwards.

**Number of revolutions:** Up to 15.000 rpm.

**Smallest pulley ø:** Triple cord ø

**Application areas:** For precision apparatus, machine tools, computers etc.

### Vulkollan

**Colour:** light to dark brown, becomes darker due to effect of light; this has no influence on the quality.

**Properties:** Heat-resistant up to 140°C, acid-resistant, wet-proof and oil-resistant, resistant to ageing and wear-resistant plastic. Retains the elastic elongation irrespective of temperature conditions, no retensioning required.

**Cord ø:** From 3 mm ø on upwards.

**Number of revolutions:** Up to 20.000 rpm.

**Smallest pulley ø:** Triple cord ø

Order welded core for high speed and small pulley ø.

**Application areas:** For precision apparatus, machine tools, computers and calculators, rewinding machines etc.

PVA polyvinyl alcohol

**Colour:** yellow

**Properties:** Heat-resistant up to 100°C, acid and oil resistant, sensitive to wetness, high wear resistance and shear strength, elastic, no retensioning required.

**Cord ø:** From 3 mm ø on upwards.

**Number of revolutions:** Approx. 5.000 rpm.

**Smallest pulley ø:** Quintuple cord ø

**Application areas:** In the textile and machine tools industries. PVA has the benefit that it is elastic in the new condition and the elastic expansion almost completely disappears during longer running times.

The **circumferential lengths** are best determined using an iron strand which is placed on the base of the cable pulleys. The shortest possible circumferential length should be set during the measurement.

The shortest circumferential lengths are for all cord qualities

**up to 4 mm ø 100 mm circumference to 250 mm circumference.**

For all qualities except the polyester PVC cable, all pulley profiles, round, pointed and V-belt profiles, are used.

Polyester PVC cables should only be run over pulleys with round profiles.

Polyester PVC, polyurethane and Vulkollan cables are then **only permitted** to run entwined if the cables in the **opposing** running direction do **not** contact.

Perlon, polyester and Nomex belts are supplied in quantities of 5 or 10 on a stretching frame. Do not remove the tensioned belts from the stretching frame until just before mounting.

# ROUND BELT

## Plastic round belts PUR 85 A

Plastic belts, green,  
85° Shore A and polycord:  
**Costs for welding:**  
up to 8 mm -> 2.50 EURO,  
10 – 15 mm -> 2.90 EURO.



Item No.	Diameter in mm			
60003645	2	1.24	1.18	1.12
60003632	3	1.24	1.18	1.12
60003644	4	1.71	1.62	1.53
60003634	5	2.48	2.36	2.24
60003635	6	3.26	3.11	2.93
60003636	7	4.19	3.98	3.77
60003638	8	5.43	5.18	4.89
60003639	10	8.07	7.66	7.27
60003640	12	11.33	10.76	10.19
60003642	15	18.63	17.70	16.77

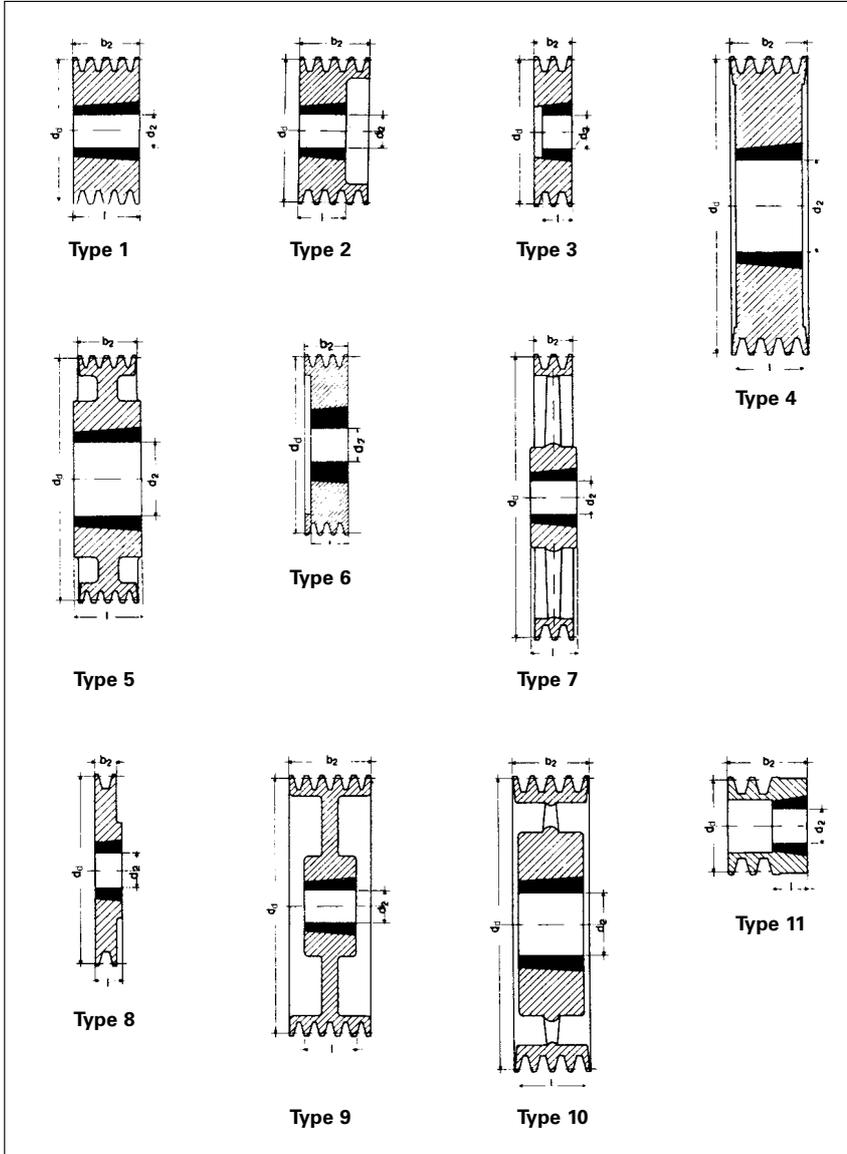
## Plastic Round Cords Polycord



Item No.	Diameter in mm		
60003646	2	1.07	1.02
60003647	3	1.37	1.30
60003656	4	2.16	2.06
60003648	5	3.04	2.88
60003650	6	3.95	3.75
60003651	7	5.57	5.29
60003652	8	6.66	6.32
60003653	10	10.61	10.08
60003654	12	13.64	12.96
60003655	15	22.03	20.92

# V-GROOVED PULLEYS

## Types - V-grooved pulleys for tapered bushings



Type 1: Full pulley  
 Type 2: Full pulley  
 Type 3: Full pulley  
 Type 4: Full pulley

Type 5: Base pulley  
 Type 6: Full pulley  
 Type 7: Spoked pulley  
 Type 8: Full pulley

Type 9: Base pulley  
 Type 10: Spoked pulley  
 Type 11: Full pulley

We reserve the right to make technical production changes of the designs.

### Balancing

The list prices are applicable for GG pulleys balanced in one plane according to the standard DIN ISO 1940 as follows:

Quality level G 6.3;

for  $\varnothing d_w \leq 400$  mm where  $n = 1500$  rpm

for  $\varnothing d_w > 400$  mm where  $v = 30$  m/s.

The balancing is performed without slot on a smooth balancing mandrel. For machines whose rotors are balanced with a key completely inserted in the shaft end, the order must be made with the following note: "Balanced with finished hole and empty slot on smooth balancing mandrel without inserted key".

We recommend balancing in two planes quality level Q 6.3 or finer if  $v \geq 30$  m/s or the ratio of pitch diameter to rim width  $d_2:b_2$  is  $< 4$  where  $v > 20$  m/s.

Surcharge on request after notification of the operating speed.

# TAPERED BUSHINGS

**Tapered bushings with metric hole, groove according to DIN 6885 Part 1**



Item No.	Tapered bushing	Bore	Bushing length in mm	Weight at d2m in (=kg)	
4066050	1008	10 H7	22.3	0.120	16.68
4066060	1008	11 H7	22.3	0.120	16.68
4014890	1008	12 H7	22.3	0.120	16.68
4014900	1008	14 H7	22.3	0.120	16.68
4123090	1008	15 H7	22.3	0.120	16.68
4066070	1008	16 H7	22.3	0.120	16.68
4066080	1008	18 H7	22.3	0.120	16.68
406320	1008	19 H7	22.3	0.120	16.68
157000	1008	20 H7	22.3	0.120	16.68
4066090	1008	22 H7	22.3	0.120	16.68
4066100	1008	24 H7 *	22.3	0.120	16.68
157010	1008	25 H7 *	22.3	0.120	16.68
157020	1108	10 H7	22.3	0.160	18.98
157030	1108	11 H7	22.3	0.160	18.98
157040	1108	12 H7	22.3	0.160	18.98
157050	1108	14 H7	22.3	0.160	18.98
157060	1108	15 H7	22.3	0.160	18.98
157070	1108	16 H7	22.3	0.160	18.98
157090	1108	18 H7	22.3	0.160	18.98
157100	1108	19 H7	22.3	0.160	18.98
157110	1108	20 H7	22.3	0.160	18.98
157120	1108	22 H7	22.3	0.160	18.98
157130	1108	24 H7	22.3	0.160	18.98
157140	1108	25 H7	22.3	0.160	18.98
157150	1108	28 H7 *	22.3	0.160	18.98
4066110	1210	11 H7	25.4	0.280	25.19
157160	1210	12 H7	25.4	0.280	25.19
157170	1210	14 H7	25.4	0.280	25.19
157180	1210	16 H7	25.4	0.280	25.19
157190	1210	18 H7	25.4	0.280	25.19
157200	1210	19 H7	25.4	0.280	25.19
157210	1210	20 H7	25.4	0.280	25.19
157220	1210	22 H7	25.4	0.280	25.19
157230	1210	24 H7	25.4	0.280	25.19
406330	1210	25 H7	25.4	0.280	25.19
157240	1210	28 H7	25.4	0.280	25.19
157250	1210	30 H7	25.4	0.280	25.19
157260	1210	32 H7	25.4	0.280	25.19
157270	1215	11 H7	38.1	0.390	26.77
406340	1215	12 H7	38.1	0.390	26.77
157280	1215	14 H7	38.1	0.390	26.77
157290	1215	16 H7	38.1	0.390	26.77
157300	1215	18 H7	38.1	0.390	26.77
157310	1215	19 H7	38.1	0.390	26.77
157320	1215	20 H7	38.1	0.390	26.77
157330	1215	22 H7	38.1	0.390	26.77
157340	1215	24 H7	38.1	0.390	26.77

# TAPERED BUSHINGS

**Continued: Tapered bushings with metric hole, groove according to DIN 6885 Part 1**



Item No.	Tapered bushing	Bore	Bushing length in mm	Weight at d2m in (=kg)	
157350	1215	25 H7	38.1	0.390	26.77
157360	1215	28 H7	38.1	0.390	26.77
157370	1215	30 H7	38.1	0.390	26.77
888580	1215	32 H7	38.1	0.390	26.77
4066120	1310	14 H7	25.4	0.320	27.20
4066130	1310	16 H7	25.4	0.320	27.20
406350	1310	18 H7	25.4	0.320	27.20
4066140	1310	19 H7	25.4	0.320	27.20
406360	1310	20 H7	25.4	0.320	27.20
4066150	1310	22 H7	25.4	0.320	27.20
4066160	1310	24 H7	25.4	0.320	27.20
406370	1310	25 H7	25.4	0.320	27.20
157380	1310	28 H7	25.4	0.320	27.20
157390	1310	30 H7	25.4	0.320	27.20
406380	1310	32 H7	25.4	0.320	27.20
157400	1310	35 H7	25.4	0.320	27.20
157410	1610	14 H7	25.4	0.410	28.49
157420	1610	16 H7	25.4	0.410	28.49
157430	1610	18 H7	25.4	0.410	28.49
157440	1610	19 H7	25.4	0.410	28.49
157450	1610	20 H7	25.4	0.410	28.49
157460	1610	22 H7	25.4	0.410	28.49
157470	1610	24 H7	25.4	0.410	28.49
157480	1610	25 H7	25.4	0.410	28.49
157490	1610	28 H7	25.4	0.410	28.49
157500	1610	30 H7	25.4	0.410	28.49
157510	1610	32 H7	25.4	0.410	28.49
157520	1610	34 H7	25.4	0.410	28.49
157530	1610	35 H7	25.4	0.410	28.49
157540	1610	38 H7	25.4	0.410	28.49
157550	1610	40 H7	25.4	0.410	28.49
157560	1610	42 H7 *	25.4	0.410	28.49
153320	1615	14 H7	38.1	0.600	31.23
4376240	1615	16 H7	38.1	0.600	31.23
4376280	1615	18 H7	38.1	0.600	31.23
157570	1615	19 H7	38.1	0.600	31.23
157580	1615	20 H7	38.1	0.600	31.23
157590	1615	22 H7	38.1	0.600	31.23
157600	1615	24 H7	38.1	0.600	31.23
157610	1615	25 H7	38.1	0.600	31.23
157620	1615	28 H7	38.1	0.600	31.23
157630	1615	30 H7	38.1	0.600	31.23
157640	1615	32 H7	38.1	0.600	31.23
157650	1615	35 H7	38.1	0.600	31.23
157660	1615	38 H7	38.1	0.600	31.23
157670	1615	40 H7	38.1	0.600	31.23

# TAPERED BUSHINGS

## Tapered bushings with metric hole, groove according to DIN 6885 Part 1

Item No.	Tapered bushing	Bore	Bushing length in mm	Weight at d2m in (=kg)	
157680	1615	42 H7 *	38.1	0.600	31.23
609470	2012	14 H7	31.8	0.750	36.25
157690	2012	16 H7	31.8	0.750	36.25
157700	2012	18 H7	31.8	0.750	36.25
157710	2012	19 H7	31.8	0.750	36.25
157720	2012	20 H7	31.8	0.750	36.25
157730	2012	22 H7	31.8	0.750	36.25
157740	2012	24 H7	31.8	0.750	36.25
157750	2012	25 H7	31.8	0.750	36.25
157760	2012	28 H7	31.8	0.750	36.25
157770	2012	30 H7	31.8	0.750	36.25
157780	2012	32 H7	31.8	0.750	36.25
157790	2012	35 H7	31.8	0.750	36.25
157800	2012	38 H7	31.8	0.750	36.25
157810	2012	40 H7	31.8	0.750	36.25
157820	2012	42 H7	31.8	0.750	36.25
157830	2012	45 H7	31.8	0.750	36.25
157840	2012	48 H7	31.8	0.750	36.25
157850	2012	50 H7	31.8	0.750	36.25
157860	2017	28 H7	44.5	0.906	36.99
157870	2017	30 H7	44.5	0.906	36.99
4376290	2517	16 H7	44.5	1.060	46.47
157880	2517	18 H7	44.5	1.060	46.47
157890	2517	19 H7	44.5	1.060	46.47
157900	2517	20 H7	44.5	1.060	46.47
157910	2517	22 H7	44.5	1.060	46.47
157920	2517	24 H7	44.5	1.060	46.47
157930	2517	25 H7	44.5	1.060	46.47
157940	2517	28 H7	44.5	1.060	46.47
157950	2517	30 H7	44.5	1.060	46.47
157960	2517	32 H7	44.5	1.060	46.47
157970	2517	35 H7	44.5	1.060	46.47
157980	2517	38 H7	44.5	1.060	46.47
157990	2517	40 H7	44.5	1.060	46.47
158000	2517	42 H7	44.5	1.060	46.47
158010	2517	45 H7	44.5	1.060	46.47
158020	2517	48 H7	44.5	1.060	46.47
158030	2517	50 H7	44.5	1.060	46.47
158040	2517	55 H7	44.5	1.060	46.47
158050	2517	60 H7	44.5	1.060	46.47
158080	3020	25 H7	50.8	2.500	60.30
158090	3020	28 H7	50.8	2.500	60.30
158100	3020	30 H7	50.8	2.500	60.30
158110	3020	32 H7	50.8	2.500	60.30
158120	3020	35 H7	50.8	2.500	60.30
158130	3020	38 H7	50.8	2.500	60.30
158140	3020	40 H7	50.8	2.500	60.30
158150	3020	42 H7	50.8	2.500	60.30
158170	3020	45 H7	50.8	2.500	60.30
158180	3020	48 H7	50.8	2.500	60.30
158190	3020	50 H7	50.8	2.500	60.30
158200	3020	55 H7	50.8	2.500	60.30
158210	3020	60 H7	50.8	2.500	60.30
158220	3020	65 H7	50.8	2.500	60.30
158230	3020	70 H7	50.8	2.500	60.30
158240	3020	75 H7	50.8	2.500	60.30
4066180	3030	35 H7	76.2	3.750	73.95
158250	3030	38 H7	76.2	3.750	73.95

# TAPERED BUSHINGS

**Continued: Tapered bushings with metric hole, groove according to DIN 6885 Part 1**



Item No.	Tapered bushing	Bore	Bushing length in mm	Weight at d2m in (=kg)	
158260	3030	40 H7	76.2	3.750	73.95
4066190	3030	42 H7	76.2	3.750	73.95
4066200	3030	45 H7	76.2	3.750	73.95
4066220	3030	48 H7	76.2	3.750	73.95
4066230	3030	50 H7	76.2	3.750	73.95
406390	3030	55 H7	76.2	3.750	73.95
158270	3030	60 H7	76.2	3.750	73.95
4066240	3030	65 H7	76.2	3.750	73.95
4066250	3030	70 H7	76.2	3.750	73.95
4066260	3030	75 H7	76.2	3.750	73.95
1185170	3525	35 H7	63.5	3.900	136.70
4066270	3525	38 H7	63.5	3.900	136.70
4066280	3525	40 H7	63.5	3.900	136.70
4066290	3525	42 H7	63.5	3.900	136.70
4066300	3525	45 H7	63.5	3.900	136.70
4066310	3525	48 H7	63.5	3.900	136.70
4066320	3525	50 H7	63.5	3.900	136.70
4066330	3525	55 H7	63.5	3.900	136.70
4066340	3525	60 H7	63.5	3.900	136.70
1185180	3525	65 H7	63.5	3.900	136.70
4066350	3525	70 H7	63.5	3.900	136.70
4066360	3525	75 H7	63.5	3.900	136.70
4066370	3525	80 H7	63.5	3.900	136.70
4066380	3525	85 H7	63.5	3.900	136.70
4066390	3525	90 H7	63.5	3.900	136.70
4066400	3535	35 H7	88.9	5.130	150.06
158280	3535	38 H7	88.9	5.130	150.06
158290	3535	40 H7	88.9	5.130	150.06
158300	3535	42 H7	88.9	5.130	150.06
158310	3535	45 H7	88.9	5.130	150.06
406400	3535	48 H7	88.9	5.130	150.06
158320	3535	50 H7	88.9	5.130	150.06
158330	3535	55 H7	88.9	5.130	150.06
158340	3535	60 H7	88.9	5.130	150.06
158350	3535	65 H7	88.9	5.130	150.06
158360	3535	70 H7	88.9	5.130	150.06
158370	3535	75 H7	88.9	5.130	150.06
158380	3535	80 H7	88.9	5.130	150.06
158390	3535	85 H7	88.9	5.130	150.06
158400	3535	90 H7	88.9	5.130	150.06
158410	4040	40 H7	101.6	7.680	212.23
4066410	4040	42 H7	101.6	7.680	212.23
4066420	4040	45 H7	101.6	7.680	212.23
4066430	4040	48 H7	101.6	7.680	212.23
158420	4040	50 H7	101.6	7.680	212.23
158430	4040	55 H7	101.6	7.680	212.23

# TAPERED BUSHINGS

## Tapered bushings with metric hole, groove according to DIN 6885 Part 1

Item No.	Tapered bushing	Bore	Bushing length in mm	Weight at d2m in (=kg)	
158440	4040	60 H7	101.6	7.680	212.23
158450	4040	65 H7	101.6	7.680	212.23
158460	4040	70 H7	101.6	7.680	212.23
158470	4040	75 H7	101.6	7.680	212.23
158480	4040	80 H7	101.6	7.680	212.23
158490	4040	85 H7	101.6	7.680	212.23
158500	4040	90 H7	101.6	7.680	212.23
4066440	4040	95 H7	101.6	7.680	212.23
4066450	4040	100 H7	101.6	7.680	212.23
4066460	4545	55 H7	114.3	12.700	271.20
4066470	4545	60 H7	114.3	12.700	271.20
4066480	4545	65 H7	114.3	12.700	271.20
158510	4545	70 H7	114.3	12.700	271.20
406410	4545	75 H7	114.3	12.700	271.20
158520	4545	80 H7	114.3	12.700	271.20
158530	4545	85 H7	114.3	12.700	271.20
158540	4545	90 H7	114.3	12.700	271.20
158550	4545	95 H7	114.3	12.700	271.20
4066490	4545	100 H7	114.3	12.700	271.20
4066500	4545	105 H7	114.3	12.700	271.20
4066510	4545	110 H7	114.3	12.700	271.20
158560	5050	70 H7	127.0	15.170	435.25
4066520	5050	75 H7	127.0	15.170	435.25
4066530	5050	80 H7	127.0	15.170	435.25
4066540	5050	85 H7	127.0	15.170	435.25
4066550	5050	90 H7	127.0	15.170	435.25
4066560	5050	95 H7	127.0	15.170	435.25
4066570	5050	100 H7	127.0	15.170	435.25
4066580	5050	105 H7	127.0	15.170	435.25
860170	5050	110 H7	127.0	15.170	435.25
4066590	5050	115 H7	127.0	15.170	435.25
4066600	5050	120 H7	127.0	15.170	435.25
4066610	5050	125 H7	127.0	15.170	435.25

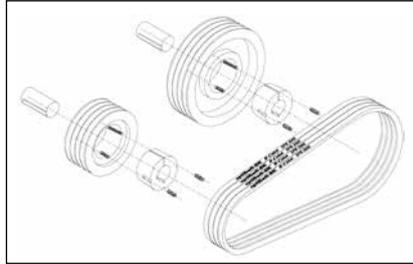
\* This hole is designed with flat slot

## Flat slots for taper bushings

Hole diameter $d_2$ (mm)	Slot width b (mm)	Slot depth $t_2$ (mm)
24	8	2.0
25	8	1.3
28	8	2.0
42	12	2.2

# V-BELT PULLEYS

## Profile SPZ/10



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Number of grooves	1	2	3	4	5	6	8
Rim width b2 (mm)	16	28	40	52	64	76	100

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4113260	50	1	for TB 1008	11	0.300	49.22
4113270	50	2	for TB 1008	11	0.400	59.72
4072220	56	1	for TB 1008	11	0.400	38.50
4119220	56	2	for TB 1108	11	0.500	43.97
4376320	60	1	for TB 1008	11	0.200	39.30
4376330	60	2	for TB 1108	11	0.600	46.10
154250	63	1	for TB 1108	8	0.200	40.77
154260	63	2	for TB 1108	6	0.300	48.50
154270	63	3	for TB 1108	6	0.400	63.95
154280	67	1	for TB 1108	8	0.300	41.44
154290	67	2	for TB 1108	6	0.400	50.09
154300	67	3	for TB 1108	6	0.500	63.55
154310	71	1	for TB 1108	8	0.300	42.23
154320	71	2	for TB 1108	6	0.400	51.70
154330	71	3	for TB 1108	6	0.600	65.02
154340	75	1	for TB 1108	8	0.400	43.43
154350	75	2	for TB 1210	6	0.400	52.10
154360	75	3	for TB 1210	6	0.500	66.08
154370	80	1	for TB 1210	8	0.500	44.36
154380	80	2	for TB 1210	6	0.600	53.69
154390	80	3	for TB 1210	6	0.700	67.53
4376350	80	4	for TB 1210	6	0.800	70.62
154400	85	1	for TB 1210	8	0.600	45.42
154410	85	2	for TB 1610	6	0.500	54.22
154420	85	3	for TB 1610	6	0.600	69.14
4376520	85	4	for TB 1610	6	0.900	83.40
4376580	85	5	for TB 1610	6	1.000	99.40
154430	90	1	for TB 1210	8	0.700	46.50
154440	90	2	for TB 1610	6	0.700	55.83
154450	90	3	for TB 1610	6	0.800	70.62
4119240	90	4	for TB 1610	6	1.000	88.58
4376590	90	5	for TB 1610	6	1.200	100.32
154460	95	1	for TB 1210	8	0.700	51.17
154470	95	2	for TB 1610	6	0.800	57.29
154480	95	3	for TB 1610	6	0.900	71.82
4376600	95	4	for TB 1610	6	1.100	90.46
4376610	95	5	for TB 1610	6	1.300	103.12
154490	100	1	for TB 1210	8	0.800	57.98
154500	100	2	for TB 1610	6	0.900	65.76
154510	100	3	for TB 1610	6	1.100	81.29
4376620	100	4	for TB 1610	6	1.100	99.70
4376640	100	5	for TB 2012	6	1.300	115.39
154520	106	1	for TB 1610	8	0.900	59.56
154530	106	2	for TB 1610	6	1.100	70.23
154540	106	3	for TB 1610	6	1.300	84.76

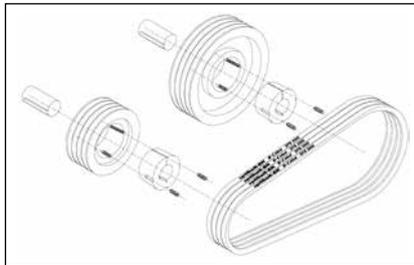
# V-BELT PULLEYS

## Profile SPZ/10

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4376720	106	4	for TB 1610	6	1.300	103.59
4376750	106	5	for TB 2012	6	1.500	120.43
154560	112	1	for TB 1610	8	1.000	64.02
154570	112	2	for TB 1610	6	1.300	72.94
154580	112	3	for TB 2012	6	1.300	87.47
4376770	112	4	for TB 2012	6	1.500	105.46
4376780	112	5	for TB 2012	6	1.800	128.49
154590	118	1	for TB 1610	8	0.900	68.64
154600	118	2	for TB 1610	6	1.300	76.28
154610	118	3	for TB 2012	6	1.600	95.39
4376830	118	5	for TB 2012	6	1.800	133.52
154620	125	1	for TB 1610	8	1.000	72.94
154630	125	2	for TB 1610	6	1.400	79.70
154640	125	3	for TB 2012	2	1.800	97.55
4376950	125	4	for TB 2012	2	2.200	115.83
4376980	125	5	for TB 2012	6	2.300	135.53
154650	132	1	for TB 1610	8	1.100	76.28
154660	132	2	for TB 1610	6	1.500	84.76
154670	132	3	for TB 2012	2	2.300	101.43
154680	132	4	for TB 2012	2	2.500	119.13
4377020	132	5	for TB 2517	6	2.700	138.70
154690	140	1	for TB 1610	8	1.200	78.57
154700	140	2	for TB 1610	2	1.700	87.47
154710	140	3	for TB 2012	2	2.600	106.48
154720	140	4	for TB 2012	2	2.900	123.32
154730	140	5	for TB 2517	2	3.200	141.72
154740	150	1	for TB 1610	8	1.200	83.03
154750	150	2	for TB 2012	8	2.000	92.08
154760	150	3	for TB 2012	2	3.100	111.51
4377070	150	4	for TB 2517	2	3.700	129.79
4377080	150	5	for TB 2517	2	4.000	148.77
154770	160	1	for TB 1610	8	1.300	88.20
154780	160	2	for TB 2012	8	2.500	97.12
154790	160	3	for TB 2012	2	3.600	115.83
154800	160	4	for TB 2517	2	4.400	134.10
4377110	160	5	for TB 2517	2	4.800	155.81
4377140	170	1	for TB 1610	8	1.500	101.15
4377150	170	2	for TB 2012	8	2.500	112.37
4377160	170	3	for TB 2012	9	4.200	134.67
4377170	170	4	for TB 2517	2	5.300	157.97
4377180	170	5	for TB 2517	2	5.900	176.13
154810	180	1	for TB 1610	8	1.600	96.41
154820	180	2	for TB 2012	8	2.500	113.67
154830	180	3	for TB 2012	9	4.800	132.95
4043460	180	4	for TB 2517	9	6.100	154.39
4377210	180	5	for TB 2517	9	6.300	165.03
4377250	190	1	for TB 1610	8	1.800	107.35
4377260	190	2	for TB 2012	8	2.600	127.62
4377270	190	3	for TB 2012	9	4.900	150.79
4377280	190	4	for TB 2517	9	5.300	176.13
4377290	190	5	for TB 2517	9	6.300	199.42
154840	200	1	for TB 2012	8	2.300	104.89
154850	200	2	for TB 2012	8	2.800	127.62
154860	200	3	for TB 2012	9	3.500	136.11
154870	200	4	for TB 2517	9	4.700	159.71
4377370	200	5	for TB 2517	9	5.500	173.08
154880	224	1	for TB 2012	5	2.500	122.15
154890	224	2	for TB 2012	5	3.200	142.59

# V-BELT PULLEYS

## Continued: Profile SPZ/10



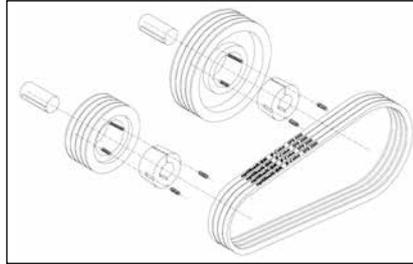
With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
154900	224	3	for TB 2012	9	3.900	166.19
154910	224	4	for TB 2517	9	5.200	197.26
4377510	224	5	for TB 2517	9	6.000	223.74
154920	250	1	for TB 2012	7	2.800	134.96
154930	250	2	for TB 2012	7	3.500	161.86
154940	250	3	for TB 2012	10	4.300	192.80
154950	250	4	for TB 2517	10	5.700	234.66
4377550	250	5	for TB 2517	10	6.400	271.20
154970	280	1	for TB 2012	7	2.900	171.07
154980	280	2	for TB 2012	7	4.000	192.80
154990	280	3	for TB 2517	7	5.300	220.86
155000	280	4	for TB 2517	10	6.400	273.37
4377580	280	5	for TB 2517	10	7.100	319.86
4089770	315	1	for TB 2012	7	3.100	197.40
155020	315	2	for TB 2012	7	4.200	219.71
4043470	315	3	for TB 2517	7	6.100	257.27
4043480	315	4	for TB 2517	10	7.600	314.09
4377630	315	5	for TB 2517	10	8.600	368.33
4377680	355	1	for TB 2012	7	3.500	159.04
155050	355	2	for TB 2012	7	5.100	255.11
4043490	355	3	for TB 2517	7	7.300	311.94
4043500	355	4	for TB 2517	10	8.900	367.76
4377690	355	5	for TB 2517	10	10.000	450.36
4377770	400	1	for TB 2012	7	6.000	275.25
4377790	400	2	for TB 2517	7	6.300	296.97
4377800	400	3	for TB 2517	7	8.000	365.46
4377810	400	4	for TB 2517	10	10.100	433.09
4377820	400	5	for TB 3020	10	11.700	480.70
4377850	450	1	for TB 2517	7	6.100	260.42
4166050	450	2	for TB 2517	7	8.200	282.71
4377860	450	3	for TB 2517	7	9.800	347.62
4166060	450	4	for TB 3020	10	11.800	404.88
4377870	450	5	for TB 3020	10	13.900	492.07
4377940	500	2	for TB 2517	7	9.100	261.93
4377950	500	3	for TB 2517	7	11.400	458.56
4377960	500	4	for TB 3020	10	14.300	550.08
4377970	500	5	for TB 3020	10	17.600	565.80
4377990	630	3	for TB 2517	7	15.900	474.28
4378000	630	4	for TB 3020	10	20.000	636.68
4378010	630	6	for TB 3535	6	33.600	727.28

# V-BELT PULLEYS

## Profile SPA/13

With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

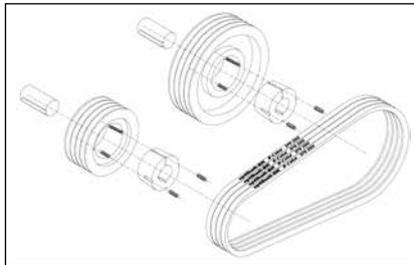


Number of grooves	1	2	3	4	5
Rim width b2 (mm)	20	35	50	65	80

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4374290	63	1	for TB 1108	11	0.600	47.70
4378040	63	2	for TB 1108	11	0.800	51.43
4378100	67	1	for TB 1108	8	0.300	49.04
4378130	67	2	for TB 1108	6	0.500	53.69
4378150	71	1	for TB 1108	8	0.300	50.75
4378170	71	2	for TB 1108	6	0.500	55.83
4378190	71	3	for TB 1108	6	0.700	69.14
4378200	75	1	for TB 1108	8	0.400	51.70
4378210	75	2	for TB 1108	6	0.600	59.29
4378240	75	3	for TB 1108	6	0.800	96.73
155070	80	1	for TB 1210	8	0.500	51.70
155080	80	2	for TB 1210	6	0.600	59.29
155090	80	3	for TB 1210	6	0.900	75.27
155100	85	1	for TB 1210	8	0.600	53.29
155110	85	2	for TB 1210	6	0.700	61.95
155120	85	3	for TB 1210	6	1.000	78.47
155140	90	1	for TB 1210	8	0.700	55.15
155150	90	2	for TB 1610	6	0.700	63.02
155160	90	3	for TB 1610	6	1.000	80.99
4348190	90	4	for TB 1615	6	1.200	97.65
155170	95	1	for TB 1210	8	0.800	58.35
155180	95	2	for TB 1610	6	0.900	66.08
155190	95	3	for TB 1610	6	1.100	85.27
155210	100	1	for TB 1610	8	0.800	66.32
155220	100	2	for TB 1610	6	0.900	76.28
155230	100	3	for TB 1610	2	1.200	95.39
155240	100	4	for TB 1615	2	1.700	115.83
4378280	100	5	for TB 1615	6	1.900	135.53
155260	106	1	for TB 1610	8	0.900	70.23
155270	106	2	for TB 1610	6	1.100	79.70
155280	106	3	for TB 1610	2	1.400	99.70
4378300	106	4	for TB 2012	6	2.000	117.98
4378310	106	5	for TB 2012	6	2.000	140.59
155300	112	1	for TB 1610	8	1.000	74.68
155310	112	2	for TB 1610	6	1.200	84.76
155320	112	3	for TB 2012	6	1.300	103.59
155330	112	4	for TB 2012	6	1.900	121.16
4147200	112	5	for TB 2012	6	2.100	146.76
155340	118	1	for TB 1610	8	1.200	78.57
155350	118	2	for TB 1610	6	1.400	87.47
155360	118	3	for TB 2012	2	1.800	106.48
155370	118	4	for TB 2012	2	2.000	127.62
4378340	118	5	for TB 2012	2	2.400	152.80
155380	125	1	for TB 1610	8	1.400	83.03

# V-BELT PULLEYS

## Continued: Profile SPA/13



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
155390	125	2	for TB 1610	2	1.700	92.08
155400	125	3	for TB 2012	2	2.000	111.51
155410	125	4	for TB 2012	2	2.500	132.95
4136460	125	5	for TB 2012	2	2.700	157.55
155420	132	1	for TB 1610	8	1.600	85.90
155430	132	2	for TB 2012	2	1.800	97.12
155440	132	3	for TB 2012	2	2.300	115.83
155450	132	4	for TB 2517	2	2.600	136.11
4010950	132	5	for TB 2517	2	2.900	160.87
155460	140	1	for TB 1610	8	1.800	92.08
155470	140	2	for TB 2012	2	2.000	99.70
155480	140	3	for TB 2517	2	2.800	123.32
155490	140	4	for TB 2517	2	3.100	142.59
4043510	140	5	for TB 2517	2	3.400	162.45
155500	150	1	for TB 1610	8	1.400	94.67
155510	150	2	for TB 2012	2	2.400	105.46
155520	150	3	for TB 2517	2	3.500	129.79
155530	150	4	for TB 2517	2	3.800	148.92
4043520	150	5	for TB 2517	2	4.200	169.36
155540	160	1	for TB 1610	5	1.900	98.13
155550	160	2	for TB 2012	2	2.900	108.34
155560	160	3	for TB 2517	2	3.900	133.95
155570	160	4	for TB 2517	2	4.400	154.39
4043530	160	5	for TB 2517	2	5.100	174.68
155580	170	1	for TB 1610	5	2.000	114.82
155590	170	2	for TB 2012	2	3.100	144.59
155600	170	3	for TB 2517	2	4.600	173.24
4378380	170	4	for TB 2517	2	5.500	197.69
10036802	170	5	for TB 3020	2	5.900	215.34
155620	180	1	for TB 1610	5	2.100	108.34
155630	180	2	for TB 2012	9	3.400	124.45
155640	180	3	for TB 2517	2	5.100	145.75
155650	180	4	for TB 2517	2	5.900	165.03
4043540	180	5	for TB 3020	2	6.200	190.79
4348180	190	1	for TB 1610	5	2.300	144.59
4010960	190	2	for TB 2012	9	3.800	175.40
4378420	190	3	for TB 2517	2	5.400	206.19
4378440	190	4	for TB 2517	2	6.800	237.98
155660	200	1	for TB 2012	5	2.600	119.13
155670	200	2	for TB 2517	5	4.100	139.42
155680	200	3	for TB 2517	9	4.900	157.55
155690	200	4	for TB 3020	2	7.400	174.68
649840	200	5	for TB 3020	4	8.400	203.59
155700	224	1	for TB 2012	7	2.700	143.60
155710	224	2	for TB 2517	5	4.400	161.86
155720	224	3	for TB 2517	9	5.500	187.47
155730	224	4	for TB 3020	2	7.400	226.16
155740	224	5	for TB 3020	2	8.300	257.27

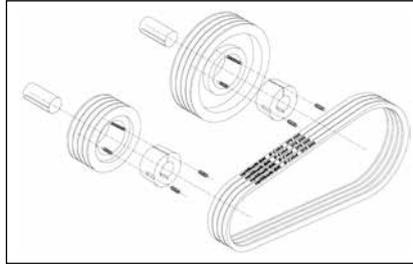
# V-BELT PULLEYS

## Profile SPA/13

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
10056525	236	1	for TB 2012	7	2.800	161.86
10056528	236	2	for TB 2517	5	4.600	187.47
10085871	236	4	for TB 3020	2	7.800	220.69
10047933	236	5	for TB 3020	2	8.700	275.86
155750	250	1	for TB 2012	7	2.900	161.86
155760	250	2	for TB 2517	7	4.800	187.47
155770	250	3	for TB 2517	9	5.900	219.71
155780	250	4	for TB 3020	9	8.000	269.06
4043550	250	5	for TB 3020	9	9.000	307.47
155790	280	1	for TB 2012	7	3.300	199.42
155800	280	2	for TB 2517	7	5.400	220.86
155810	280	3	for TB 2517	9	6.700	255.11
155820	280	4	for TB 3020	9	8.800	314.09
4043560	280	5	for TB 3535	5	15.500	365.46
155870	315	1	for TB 2012	7	3.600	227.20
155880	315	2	for TB 2517	7	6.000	250.77
155890	315	3	for TB 3020	5	8.300	295.81
4043570	315	4	for TB 3020	9	9.700	359.13
4043580	315	5	for TB 3535	5	17.000	423.30
155900	355	1	for TB 2012	7	4.200	264.75
155910	355	2	for TB 2517	7	6.700	292.66
4043590	355	3	for TB 3020	7	9.200	353.81
4043600	355	4	for TB 3020	10	11.000	424.47
4043610	355	5	for TB 3535	7	18.600	497.41
4380420	400	1	for TB 2012	7	4.900	308.63
4348200	400	3	for TB 3020	7	11.000	424.47
4380440	400	4	for TB 3020	10	12.800	497.41
4380490	400	5	for TB 3535	7	21.000	590.49
4380500	450	1	for TB 2012	7	7.000	348.62
464370	450	2	for TB 2517	7	10.300	404.15
4380510	450	3	for TB 3020	7	14.100	503.72
4166120	450	4	for TB 3020	10	15.500	503.72
4380520	450	5	for TB 3535	7	24.300	720.27
4380530	500	1	for TB 2517	7	8.000	387.91
4380540	500	2	for TB 2517	7	11.600	410.87
4380550	500	3	for TB 3020	7	16.000	541.82
4380560	500	4	for TB 3020	10	18.200	625.21
4380570	500	5	for TB 3535	7	27.300	764.04
4400370	560	1	for TB 2517	7	11.600	436.04
4400380	560	2	for TB 2517	7	15.500	539.41
4380670	560	3	for TB 3020	7	17.800	606.43
4380710	560	4	for TB 3535	7	26.700	709.55
4380740	560	5	for TB 3535	7	30.400	865.42
4380760	630	1	for TB 2517	7	10.100	428.98
4380780	630	2	for TB 3020	7	16.000	643.47
4380810	630	3	for TB 3020	7	22.000	691.69
4380830	630	4	for TB 3535	7	30.800	829.58

# V-BELT PULLEYS

## Profile SPB/17



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Number of grooves	1	2	3	4	5	6	8	10
Rim width b2 (mm)	25	44	63	82	101	120	158	196

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4326240	100	1	for TB 1610	1	0.900	94.39
4010970	100	2	for TB 1610	6	1.200	101.15
4326250	100	3	for TB 1610	6	1.700	117.41
4326260	112	1	for TB 1610	1	1.100	96.68
4326270	112	2	for TB 1610	6	1.500	104.30
4326280	112	3	for TB 1610	6	2.000	119.43
4326290	118	1	for TB 1610	1	1.300	98.99
4326300	118	2	for TB 1610	6	1.700	106.34
4326310	118	3	for TB 1610	6	2.300	122.45
4010980	125	1	for TB 1610	1	1.500	101.15
156270	125	2	for TB 2012	2	1.900	110.49
156280	125	3	for TB 2012	2	2.400	127.62
156290	125	4	for TB 2012	4	3.000	146.89
4326320	125	5	for TB 2012	6	3.500	171.07
4326330	132	1	for TB 1610	1	1.800	107.35
156300	132	2	for TB 2012	2	2.200	119.13
156310	132	3	for TB 2012	2	2.800	140.43
156320	132	4	for TB 2012	4	3.400	165.03
4326340	132	5	for TB 2012	4	3.700	190.34
156330	140	1	for TB 1610	1	2.300	109.35
156340	140	2	for TB 2012	2	2.700	145.18
156350	140	3	for TB 2012	2	3.300	148.92
156360	140	4	for TB 2517	2	3.700	170.49
156370	140	5	for TB 2517	2	4.500	198.26
4326350	140	6	for TB 2517	4	4.600	227.20
156390	150	1	for TB 1610	1	2.700	116.83
156400	150	2	for TB 2012	2	3.100	126.47
156410	150	3	for TB 2517	2	3.900	156.55
156420	150	4	for TB 2517	2	4.400	174.68
156430	150	5	for TB 2517	4	5.200	203.59
156440	150	6	for TB 2517	4	5.600	231.50
156450	160	1	for TB 1610	1	2.500	119.13
156460	160	2	for TB 2012	2	2.900	132.95
156470	160	3	for TB 2517	2	4.200	163.02
156480	160	4	for TB 2517	4	4.900	186.61
156490	160	5	for TB 2517	4	5.400	212.23
156500	160	6	for TB 3020	4	6.000	240.01
156510	170	1	for TB 1610	1	2.900	124.45
156520	170	2	for TB 2012	2	3.300	143.60
156530	170	3	for TB 2517	2	4.900	167.19
156540	170	4	for TB 2517	4	5.700	191.94
156550	170	5	for TB 3020	4	6.100	219.71
4326360	170	6	for TB 3020	4	6.500	248.63
156570	180	1	for TB 1610	1	4.100	132.95
156580	180	2	for TB 2517	8	4.500	157.55

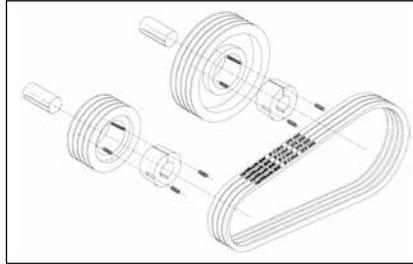
# V-BELT PULLEYS

## Profile SPB/17

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
156590	180	3	for TB 2517	2	5.500	178.99
156600	180	4	for TB 2517	4	6.900	198.26
156610	180	5	for TB 3020	4	7.100	227.20
156620	180	6	for TB 3020	4	7.700	255.11
4326370	180	8	for TB 3020	4	9.500	473.80
156630	190	1	for TB 2012	8	4.600	138.27
156640	190	2	for TB 2517	8	5.000	166.19
156650	190	3	for TB 2517	2	6.300	188.63
156660	190	4	for TB 2517	4	7.600	211.07
156670	190	5	for TB 3020	4	8.100	235.83
4326630	190	6	for TB 3020	4	9.200	263.59
4326640	190	8	for TB 3030	4	11.200	494.09
156680	200	1	for TB 2012	8	5.000	143.60
156690	200	2	for TB 2517	8	5.400	173.67
156700	200	3	for TB 2517	2	6.500	190.79
156710	200	4	for TB 3020	2	8.800	219.71
156720	200	5	for TB 3020	2	9.100	247.62
4326650	200	8	for TB 3535	4	13.500	512.36
156740	212	1	for TB 2012	8	4.200	157.55
156750	212	2	for TB 2517	8	4.900	189.78
156760	212	3	for TB 2517	2	6.000	204.74
156770	212	4	for TB 3020	2	9.800	233.80
156780	212	5	for TB 3020	2	11.000	258.27
156800	212	8	for TB 3535	4	16.600	568.04
4326660	212	6	for TB 3535	4	14.300	322.58
156810	224	1	for TB 2012	8	4.700	169.36
156820	224	2	for TB 2517	8	5.300	196.10
156830	224	3	for TB 2517	2	6.300	226.16
156840	224	4	for TB 3020	2	11.300	270.08
156850	224	5	for TB 3020	2	12.700	310.78
156860	224	6	for TB 3535	4	17.000	371.93
4326670	224	8	for TB 3535	4	19.300	612.07
4326690	224	10	for TB 3535	4	21.800	765.16
155980	236	1	for TB 2012	8	5.000	174.68
155990	236	2	for TB 2517	8	5.500	204.74
156000	236	3	for TB 2517	10	7.000	246.48
156010	236	4	for TB 3020	10	14.500	296.97
156020	236	5	for TB 3535	6	16.900	338.69
4198200	236	6	for TB 3535	4	20.000	403.00
4326710	236	8	for TB 3535	4	22.300	639.84
156030	236	10	for TB 3535	4	25.300	803.58
156040	250	1	for TB 2012	8	5.400	187.47
156050	250	2	for TB 2517	7	5.500	223.02
156060	250	3	for TB 3020	2	7.700	262.74
156070	250	4	for TB 3020	2	19.600	323.73
156080	250	5	for TB 3535	4	21.700	369.93
156090	250	6	for TB 3535	4	23.300	430.78
4326720	250	8	for TB 3535	4	27.500	649.62
427210	250	10	for TB 3535	4	29.300	836.95
4326730	265	2	for TB 2517	7	6.200	800.28
4326740	265	3	for TB 3020	9	8.000	1,045.72
4326770	265	4	for TB 3020	9	9.500	1,173.93
4326790	265	8	for TB 3535	9	24.000	2,014.91
156100	280	1	for TB 2012	7	6.100	251.07
156110	280	2	for TB 2517	7	6.800	262.74
156120	280	3	for TB 3020	10	8.600	304.44
156130	280	4	for TB 3020	9	10.100	367.76
4163930	280	5	for TB 3535	9	17.800	411.36

# V-BELT PULLEYS

## Continued: Profile SPB/17



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
1033450	280	6	for TB 3535	9	19.600	499.41
4326830	280	8	for TB 3535	9	26.700	705.17
156140	280	10	for TB 3535	9	30.500	925.01
4326840	300	2	for TB 2517	7	7.300	280.58
4010990	300	3	for TB 3020	10	9.200	317.83
4326870	300	4	for TB 3020	9	14.300	377.39
4326880	300	5	for TB 3535	9	18.200	435.25
4326890	300	6	for TB 3535	9	21.900	507.03
4326900	300	8	for TB 3535	9	26.200	793.93
4326910	315	1	for TB 2012	7	7.200	288.06
427230	315	2	for TB 2517	7	7.800	301.29
156170	315	3	for TB 3020	10	9.600	353.81
156180	315	4	for TB 3535	5	17.100	411.36
156190	315	5	for TB 3535	9	18.800	465.46
156200	315	6	for TB 3535	9	23.000	602.58
4326920	315	8	for TB 3535	9	26.000	801.69
156210	315	10	for TB 3535	9	31.500	932.05
4326930	335	2	for TB 2517	7	7.800	314.67
4326940	335	3	for TB 3020	10	10.500	369.78
156230	335	4	for TB 3535	7	18.300	411.36
4326970	335	5	for TB 3535	10	19.500	465.46
4326990	335	6	for TB 3535	10	22.000	602.58
4327000	335	8	for TB 3535	10	28.200	875.67
156870	355	2	for TB 3020	7	8.700	351.50
156880	355	3	for TB 3020	10	10.800	423.30
156890	355	4	for TB 3535	7	18.600	503.72
156900	355	5	for TB 3535	10	20.800	599.12
156910	355	6	for TB 3535	9	22.800	712.78
156920	355	8	for TB 3535	10	27.000	920.71
4327010	375	2	for TB 3020	7	9.500	1,447.30
4327020	375	3	for TB 3020	10	11.500	1,746.00
4327030	375	4	for TB 3525	10	16.500	1,948.86
4327080	375	6	for TB 3535	10	25.000	2,554.74
4326780	375	8	for TB 4040	10	28.000	1,692.90
156940	400	2	for TB 3020	7	10.000	410.50
156950	400	3	for TB 3535	7	18.300	509.04
4202240	400	4	for TB 3535	7	20.500	599.12
4147190	400	5	for TB 3535	10	23.400	707.47
156960	400	6	for TB 3535	10	25.100	832.93
4327100	400	8	for TB 4040	10	36.500	1,087.89
4327110	425	2	for TB 3020	7	11.500	1,568.59
4327120	425	3	for TB 3535	7	18.000	1,911.75
4327130	425	4	for TB 3535	7	19.500	2,141.37
4327140	425	6	for TB 4040	10	25.100	2,808.69
4327150	425	8	for TB 4545	10	52.500	3,416.60
4381040	450	2	for TB 3020	7	12.100	477.98

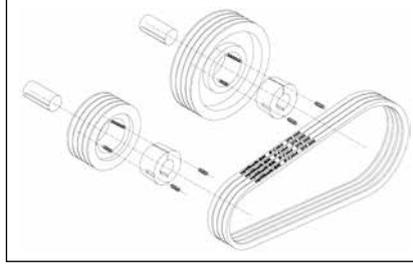
# V-BELT PULLEYS

## Profile SPB/17

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
156980	450	3	for TB 3535	7	21.900	605.59
4381070	450	4	for TB 3535	7	24.500	715.96
4381080	450	5	for TB 3535	10	27.300	862.86
4381090	450	6	for TB 4040	10	35.500	1,003.13
4381100	450	8	for TB 4040	10	40.900	1,379.39
406290	500	2	for TB 3020	7	13.200	497.18
4381220	500	3	for TB 3535	7	23.100	645.06
4381230	500	4	for TB 3535	7	26.600	747.25
4381240	500	5	for TB 3535	10	29.900	918.04
4381250	500	6	for TB 4040	10	38.900	1,058.99
4381260	500	8	for TB 4040	10	45.500	1,495.56
4381280	560	2	for TB 3030	7	16.500	571.80
4381290	560	3	for TB 3535	7	25.900	730.46
4381300	560	4	for TB 3535	7	29.000	848.50
4381310	560	5	for TB 4040	7	35.300	1,042.08
4381320	560	6	for TB 4040	10	43.100	1,201.93
4381330	560	8	for TB 4545	10	49.000	1,704.99
4381350	630	2	for TB 3030	7	18.500	757.65
4381360	630	3	for TB 3535	7	28.900	829.58
4381370	630	4	for TB 3535	7	33.300	997.44
4381380	630	5	for TB 4040	7	43.100	1,194.87
4381390	630	6	for TB 4040	10	49.200	1,401.24
4381400	630	8	for TB 4545	10	62.000	1,952.12
4381420	710	3	for TB 3535	7	33.200	972.53
4381430	710	4	for TB 3535	7	39.100	1,149.19
4381440	710	5	for TB 4040	7	50.200	1,451.87
4381450	710	6	for TB 4545	10	62.300	1,653.43
4381460	710	8	for TB 4545	10	71.000	2,180.32
4381480	800	3	for TB 3535	7	36.700	1,347.68
4381490	800	4	for TB 4040	7	48.800	1,528.34
4381500	800	5	for TB 4040	7	56.100	1,892.58
4381510	800	6	for TB 4545	10	71.400	2,103.85
4381520	800	8	for TB 4545	10	90.900	2,564.55
4400390	900	3	for TB 3535	7	46.800	1,862.06
4381540	900	4	for TB 4040	7	60.000	2,044.44
4381550	900	5	for TB 4545	7	74.800	2,230.03
4381560	900	6	for TB 4545	10	81.500	2,866.04
4381570	900	8	for TB 4545	10	110.000	3,259.98
4400400	1000	3	for TB 4040	7	56.500	2,676.05
4381590	1000	4	for TB 4040	7	66.500	2,794.17
4381600	1000	5	for TB 4545	7	80.500	3,138.32
4381610	1000	6	for TB 4545	10	90.000	3,706.24
4381620	1000	8	for TB 5050	10	132.000	4,448.07

# V-BELT PULLEYS

## Profile SPC/22



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

Number of grooves	2	3	4	5	6	8	10
Rim width b2 (mm)	59.5	85	110.5	136	161.5	212.5	263.5

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4382760	200	3	for TB 2517	4	9.000	394.36
4382770	200	4	for TB 3020	4	10.500	437.82
4382780	200	5	for TB 3535	4	14.000	536.69
4382790	200	6	for TB 3535	4	17.000	600.41
4382800	212	3	for TB 3020	4	10.000	438.99
4382810	212	4	for TB 3020	4	12.500	490.92
4382830	212	5	for TB 3535	4	15.000	589.90
4382840	212	6	for TB 3535	4	18.000	657.81
4382850	224	2	for TB 3020	4	8.100	476.10
4382860	224	3	for TB 3020	4	11.000	504.74
4382870	224	4	for TB 3535	4	14.000	564.87
4382880	224	5	for TB 3535	4	16.200	677.39
4382900	224	6	for TB 3535	4	19.000	839.27
4382910	224	8	for TB 3535	4	24.900	990.34
4382920	236	3	for TB 3020	4	12.000	570.20
4382940	236	4	for TB 3535	4	17.200	688.17
4382950	236	5	for TB 3535	4	19.100	746.02
4382960	236	6	for TB 3535	4	20.800	839.27
4382970	236	8	for TB 3535	4	25.500	990.34
4382980	250	2	for TB 3020	4	9.800	546.18
4382990	250	3	for TB 3020	4	14.500	577.69
4383000	250	4	for TB 3535	4	20.700	646.31
4383010	250	5	for TB 3535	4	22.800	720.27
4383020	250	6	for TB 3535	4	26.000	824.30
4383030	250	8	for TB 3535	4	29.700	1,075.07
4383050	265	3	for TB 3535	8	21.200	618.55
4383060	265	4	for TB 3535	9	24.000	746.02
4383070	265	5	for TB 3535	9	26.200	830.63
4383080	265	6	for TB 3535	9	29.000	931.34
4383090	265	8	for TB 3535	9	33.300	1,142.55
4383100	280	3	for TB 3535	8	24.000	647.46
4383110	280	4	for TB 3535	9	29.000	726.75
4383120	280	5	for TB 3535	9	31.000	840.27
4383130	280	6	for TB 3535	9	33.800	957.08
4383140	280	8	for TB 3535	9	37.500	1,193.92
4383170	300	3	for TB 3535	5	21.000	781.41
4383180	300	4	for TB 3535	9	25.000	800.68
4383190	300	5	for TB 3535	9	28.500	908.91
4383200	300	6	for TB 3535	9	29.000	996.81
4383210	300	8	for TB 4040	4	46.500	1,336.51
4383230	315	3	for TB 3535	5	21.600	720.27
4327650	315	4	for TB 3535	9	24.600	793.22
4383250	315	5	for TB 3535	9	29.000	890.64
4383260	315	6	for TB 3535	9	31.400	1,036.53
4383270	315	8	for TB 4040	4	50.000	1,436.22

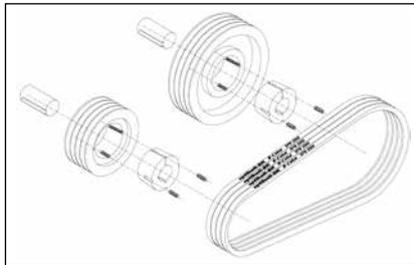
# V-BELT PULLEYS

## Profile SPC/22

Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4383290	335	3	for TB 3535	5	22.500	761.00
1033330	335	4	for TB 3535	9	26.500	889.62
4383310	335	5	for TB 3535	9	30.000	1,006.44
4383320	335	6	for TB 3535	9	35.000	1,161.84
4383330	335	8	for TB 4040	9	58.000	1,525.14
4383340	355	3	for TB 3535	5	22.900	788.89
773940	355	4	for TB 3535	9	28.300	890.64
4383360	355	5	for TB 3535	9	32.500	1,017.10
4383370	355	6	for TB 3535	9	36.000	1,180.11
4383380	355	8	for TB 4040	9	67.500	1,550.90
4383400	375	3	for TB 3535	5	23.800	851.06
4383410	375	4	for TB 3535	9	30.000	991.49
4383420	375	5	for TB 3535	9	33.000	1,117.96
4383430	375	6	for TB 4040	9	45.500	1,313.91
4383440	375	8	for TB 4545	9	68.000	1,694.62
4376300	400	3	for TB 3535	7	24.100	855.52
4377620	400	4	for TB 3535	10	28.000	1,105.01
4378020	400	5	for TB 3535	10	34.000	1,199.25
4378260	400	6	for TB 4040	9	48.000	1,408.32
4378320	400	8	for TB 4545	9	65.000	1,735.20
4380360	425	3	for TB 3535	7	26.000	1,037.53
4380370	425	4	for TB 3535	10	31.000	1,168.32
4380380	425	5	for TB 4040	9	45.000	1,277.52
4380400	425	6	for TB 4545	9	58.000	1,514.50
4380410	425	8	for TB 4545	9	74.000	1,924.99
4380430	450	3	for TB 3535	7	28.600	1,110.33
4326700	450	4	for TB 3535	10	33.500	1,274.50
4425340	450	5	for TB 4040	10	45.000	1,424.28
4326950	450	6	for TB 4545	9	61.100	1,572.33
4327090	450	8	for TB 5050	9	78.700	1,980.66
4383300	475	3	for TB 3535	7	40.000	1,137.08
4383350	475	4	for TB 3535	10	47.000	1,263.56
4425350	475	5	for TB 4040	10	47.200	1,417.51
4425360	475	6	for TB 4545	9	62.800	1,620.69
4425370	475	8	for TB 5050	9	81.500	2,068.01
4425380	500	3	for TB 3535	7	30.900	1,083.50
4425390	500	4	for TB 3535	10	39.000	1,253.49
4425400	500	5	for TB 4040	10	48.700	1,490.50
4425410	500	6	for TB 4545	10	60.200	1,638.52
4425420	500	8	for TB 5050	9	87.400	2,142.63
4400410	560	3	for TB 3535	7	36.000	1,458.13
4425500	560	4	for TB 4040	10	50.000	1,493.57
4425520	560	5	for TB 4545	10	63.000	1,650.38
4425540	560	6	for TB 5050	10	77.000	1,818.10
4425570	560	8	for TB 5050	10	94.000	2,348.06
4425590	630	3	for TB 4040	7	48.500	1,533.00
4425600	630	4	for TB 4545	7	61.000	1,671.82
4425610	630	5	for TB 5050	10	77.000	1,892.58
4425620	630	6	for TB 5050	10	86.000	2,122.78
4425640	630	8	for TB 5050	10	105.500	2,593.17
4400420	710	3	for TB 4040	7	62.500	2,162.61
4400430	710	4	for TB 4545	7	78.600	2,248.81
4425680	710	5	for TB 5050	10	89.600	2,255.73
4425700	710	6	for TB 5050	10	99.400	2,538.57
4425710	710	8	for TB 5050	10	117.500	3,104.37
4400440	800	3	for TB 4545	7	72.000	2,258.66
4425730	800	4	for TB 5050	7	90.800	2,344.60
4425740	800	5	for TB 5050	10	102.500	2,595.19

# V-BELT PULLEYS

## Continued: Profile SPC/22



With tapered clamping bushing, hubs are fastened to shafts in the manner of a shrunk-fit seat. A wedged or keyed connection is not required. Only in cases of maximum load is an additional key required. Every tapered bushing is equipped with a key notch for this purpose.

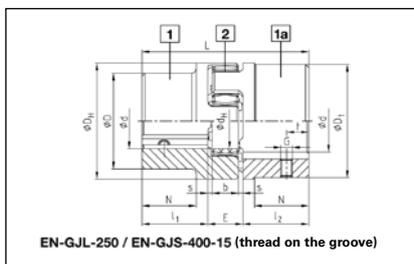
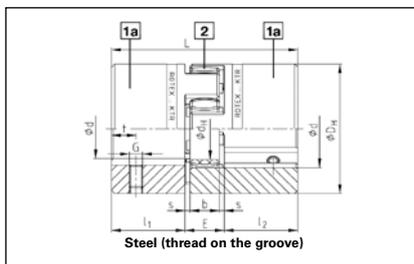
Item No.	Effective diameter mm	Number of grooves	Tapered bushing	Type	Weight no bushing (=kg)	
4425750	800	6	for TB 5050	10	113.700	2,769.84
4425760	800	8	for TB 5050	10	136.600	3,335.51
4425780	1000	5	for TB 5050	10	134.000	3,673.13
4425790	1000	6	for TB 5050	10	150.000	4,170.38
4425800	1000	8	for TB 5050	10	181.400	5,365.47
4425820	1250	5	for TB 5050	10	177.600	4,967.76
4425830	1250	6	for TB 5050	10	201.400	5,583.00
4425840	1250	8	for TB 5050	10	243.700	6,900.24

# COUPLINGS



## ROTEX torsionally flexible couplings

B\* is the minimum depth by which, e.g. a work machine or drive must be displaced to be able to remove one of the coupled units vertically. materials; couplings; AL-D; GG25 – EN-GJL-250; GGG40 – EN-GJS-400-15; sprockets 92 SHA yellow, 95/98 SHA red, 64 SH D-F natural white  
 Finished holes according to ISO fit H7, keyway according to DIN 6885, Bl.1, fit JS9  
 In order not to expose the elastic sprocket to any face pressure, the dimension 'L' or 'E' respectively must be considered as minimum dimension for axial displacement. The stated values for the axial displacement (see shaft displacement) must be added to the length dimension 'L' of the coupling.



Item No.	Size	Design	Pre-drilling	Finished hole	Bore dmax	B*	D	DH	d_H	L	L 1, M, L 2	N	E	s	Diaper only for steel	
4397670	14	AL-D	-	6	16	12	30	30	10	35	11	-	13	1.5	30	22.98
4064900	19	Steel	-	6	19	13	40	40	18	66	25	-	16	2.0	-	22.59
880050	24	Steel	-	8	24	15	55	55	27	78	30	-	18	2.0	-	32.54
160010	28	Steel	-	10	28	16	65	65	65	90	35	-	20	2.5	-	42.15
880080	38	EN-GJL-250	-	12	38	19	66	80	38	114	45	37	24	3.0	70	78.27
880090	42	EN-GJL-250	-	14	42	21	75	95	46	126	50	40	26	3.0	85	109.72
880070	48	EN-GJL-250	-	15	48	22	85	105	51	140	56	45	28	3.5	95	129.37
1010420	55	EN-GJL-250	18	20	55	23	98	120	60	160	65	52	30	4.0	110	170.89
4044290	65	EN-GJL-250	20	22	65	27	115	135	68	185	75	61	35	4.5	115	231.43
4044310	75	EN-GJL-250	28	30	75	31	135	160	80	210	85	69	40	5.0	135	336.89
4044330	90	EN-GJL-250	38	40	90	35	160	200	100	245	100	81	45	5.5	160	411.01
4044350	100	EN-GJS-400-15	45	50	115	39	180	225	113	270	110	89	50	6.0	-	673.32
4044370	110	EN-GJS-400-15	58	60	125	43	200	255	127	295	120	96	55	6.5	-	957.91
4044390	125	EN-GJS-400-15	58	60	145	47	230	290	147	340	140	112	60	7.0	-	1,335.41
4044410	140	EN-GJS-400-15	58	60	160	51	255	320	165	375	155	124	65	7.5	-	1,827.17
4044430	160	EN-GJS-400-15	78	80	185	58	290	370	190	425	175	140	75	9.0	-	2,884.17
4044450	180	EN-GJS-400-15	80	85	200	65	325	420	220	475	195	156	85	10.5	-	4,392.47

# COUPLINGS

## ROTEX Spiders

Item No.	Size	Colour	Shore	Nominal (TKN) torque (Nm)	Max (TKmax) torque (Nm)	permissible vibratory torque (TKW) torque (Nm)	
4397680	14	yellow	92 Shore A	7.5	15	2.0	2.76
4397690	14	red	95/98 Shore A	12.5	25	3.3	2.76
880890	19	yellow	92 Shore A	10	20	2.6	3.69
4397700	19	red	95/98 Shore A	17	34	4.4	3.69
880900	24	yellow	92 Shore A	35	70	9.1	4.55
4397710	24	red	95/98 Shore A	60	120	16	4.55
421490	28	yellow	92 Shore A	95	190	25	5.70
1015250	28	red	95/98 Shore A	160	320	42	5.70
880920	38	yellow	92 Shore A	190	380	49	9.90
4397720	38	red	95/98 Shore A	325	650	85	9.90
880930	42	yellow	92 Shore A	265	530	69	14.63
4397730	42	red	95/98 Shore A	450	900	117	14.63
608160	48	yellow	92 Shore A	310	620	81	17.28
4397740	48	red	95/98 Shore A	525	1050	137	17.28
1010430	55	yellow	92 Shore A	410	820	107	22.24
4397750	55	red	95/98 Shore A	685	1370	178	22.24
4044300	65	yellow	92 Shore A	625	1250	163	36.81
4397780	65	red	95/98 Shore A	940	1880	244	36.81
4044320	75	yellow	92 Shore A	1280	2560	333	54.20
4397820	75	red	95/98 Shore A	1920	3840	499	54.20
4044340	90	yellow	92 Shore A	2400	4800	624	83.92
4397830	90	red	95/98 Shore A	3600	7200	936	83.92
4044360	100	yellow	92 Shore A	3300	6600	858	153.85
4397850	100	red	95/98 Shore A	4950	9900	1287	153.85
4044380	110	yellow	92 Shore A	4800	9600	1248	205.17
4397870	110	red	95/98 Shore A	7200	14400	1872	205.17
4044400	125	yellow	92 Shore A	6650	13300	1729	275.95
4397880	125	red	95/98 Shore A	10000	20000	2600	275.95
4044420	140	yellow	92 Shore A	8550	17100	2223	332.16
4397900	140	red	95/98 Shore A	12800	25600	3328	332.16
4044440	160	yellow	92 Shore A	12800	25600	3328	575.69
4397910	160	red	95/98 Shore A	19200	38400	4992	575.69
4044460	180	yellow	92 Shore A	18650	37300	4849	1,082.44
4397920	180	red	95/98 Shore A	28000	56000	7280	1,082.44

## Sprockets – new sprocket material T-PUR



KTR® has developed a new standard material for sprockets. This improved polyurethane, T-PUR, is significantly more temperature-resistant and with longer service life than the previous polyurethane. T-PUR is visually identified by the colours orange (92 Shore A), lilac (98 Shore A) and pale green (64 Shore D). You can of course also continue to obtain the previous polyurethane sockets in the colours yellow, red and natural white with green sprocket marking.

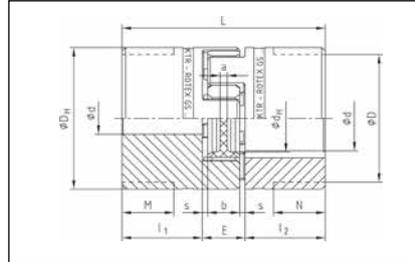
One-piece sprockets are used up to and including the size ROTEX® 90. For ROTEX® couplings in the sizes 100 to 180, the sprocket consists of the double tooth (DZ) tooth segments as standard. Optionally, the one-piece sprocket is also available in these sizes.

# COUPLINGS



## ROTEX GS backlash-free flexible coupling

- preloaded tight-fit shaft connector in the mounted condition for spindle, lifting table, machine tool drives etc.
- can be inserted – easy blind installation, no time-consuming screw connections
- various elastomer hardnesses of the sprockets
- finished hole according to ISO fit H7, (used clamping hub) keyways starting from diameter 6 mm according to DIN 6885 Bl 1 – JS9
- tight-fit shaft coupling with integrated clamping system
- outstanding smooth running, use up to 40 m/s circumferential speed
- high friction torques (note design for explosion protection use)
- good ease of installation due to internal clamping bolts
- assessed for explosion protection and confirmed according to EU Directive 94/9/EC (Only for hub designs 1.0, 2.1/2.6 and 6.0)



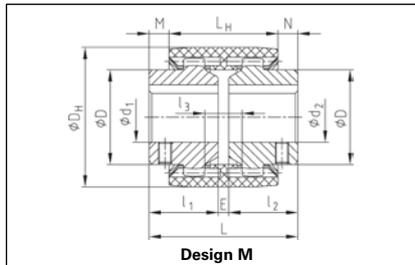
Item No.	Size	Design	Pre-drilling	Hole. d-min.	Hole. d-max.	D	DH	d_H	L	L 1, L 2	M, N	E	s	a	b	
4393930	19	AL-H	-	6	24	-	40	18	66	25	-	16	2.0	3.0	12	37.37
4394050	24	AL-H	-	8	28	-	55	27	78	30	-	18	2.0	3.0	14	47.91
4394060	28	AL-H	-	10	38	-	65	30	90	35	-	20	2.5	4.0	15	66.81
4394070	38	AL-H	-	12	45	-	80	38	114	45	-	24	3.0	4.0	18	125.16
4394080	42	ST-H	-	14	55	85	95	46	126	50	28	26	3.0	4.0	20	207.01
4394090	48	ST-H	-	15	62	95	105	51	140	56	32	28	3.5	4.0	21	235.70
4394100	55	ST-H	-	20	74	110	120	60	160	65	37	30	4.0	4.5	22	270.25
4394110	65	ST-H	-	22	80	115	135	68	185	75	47	35	4.5	4.5	26	362.29
4394120	75	ST-H	-	30	95	135	160	80	210	85	53	40	5.0	5.0	30	1,011.95

# COUPLINGS

## ROTEX GS Spiders

Item No.	Size	Colour	Shore	Nominal (TKN) torque (Nm)	Max (TKmax) torque (Nm)	
4396000	19	red	95/98 Shore A	17.0	34.0	6.50
4396010	24	red	95/98 Shore A	60	120	7.20
4396020	28	red	95/98 Shore A	160	320	7.94
4397930	38	red	95/98 Shore A	325	650	7.94
4397940	42	red	95/98 Shore A	450	900	15.85
4397960	48	red	95/98 Shore A	525	1050	18.49
4397970	55	red	95/98 Shore A	685	1370	22.64
4397990	65	red	95/98 Shore A	940	1880	37.09
4398000	75	red	95/98 Shore A	1920	3840	63.46

## BOWEX Curved-tooth Gear Couplings®



- double universal joint curved-tooth gear coupling®
- use for all drive applications in mechanical engineering and hydraulics
- maintenance-free due to plastic/steel material pairing
- compensation of axial, radial and angle shaft alignment errors
- can be inserted axially – easy installation
- available with finished hole according to ISO – fit H7, keyways according to DIN 6885 Bl. 1-JS9 and taper and inch bores for hydraulic pumps, thread for setscrews

Item No.	Size	Pre-drilling mm	dmax mm	D mm	DH mm	L mm	L 1, L 2 mm	M, N mm	E mm	LH mm	L 3 mm	Tip circle diameter Hub / mm	Hub loss l1,l2 max. / mm	
4069540	M-14	-	15	25	40	50	23	6.5	4	37	10	33	40	17.57
4033550	M-19	-	20	32	48	54	25	8.5	4	37	10	39	40	21.95
1020850	M-24	-	24	36	52	56	26	7.5	4	41	14	45	50	26.09
1020860	M-28	-	28	44	66	84	40	19	4	46	13	54	55	39.33
1010640	M-32	-	32	50	76	84	40	18	4	48	13	63	55	48.39
1010650	M-38	-	38	58	83	84	40	18	4	48	13	69	60	58.97
153560	M-42	-	42	65	92	88	42	19	4	50	13	78	60	69.41
153570	M-48	-	48	68	95	104	50	27	4	50	13	78	60	83.17
160000	M-65	26/70 lg.	65	96	132	114	55	23	4	68	16	110	70	141.39
4069550	I-80	31	80	124	175	186	90	46.5	6	93	20	145	-	495.86
4069560	I-100	35	100	152	210	228	110	63	8	102	22	176	-	1.009.70
4069570	I-125	45	125	192	270	290	140	78	10	134	30	225	-	1.686.01

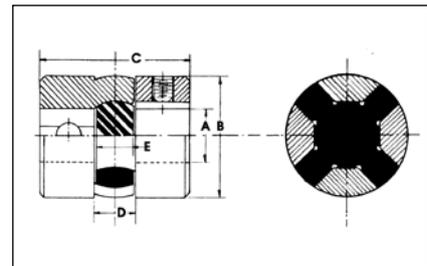
# COUPLINGS



## BOWEX Coupling Sleeves

Item No.	Size	
1090580	M-14	3.45
4033560	M-19	3.98
649560	M-24	4.55
136730	M-28	9.16
1010660	M-32	11.64
1010680	M-38	12.95
153330	M-42	13.88
153340	M-48	23.09
427490	M-65	38.99
4069580	I-80	224.46
4069590	I-100	437.00
4069600	I-125	698.66

## Flexible Shaft Couplings Escoflex Type S



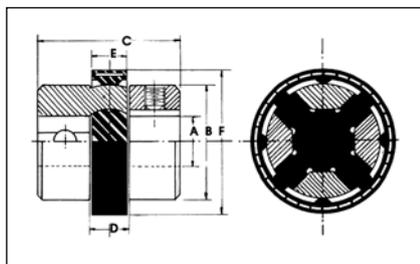
Item No.	Type	Finished hole dmin	Finished hole dmax	D	E	C	Kg	A	B	
159560	1S	6.0	16	11	9.5	38	0.110	16	27.5	19.03
159570	2S	9.8	24	14	12.7	52	0.350	24	42.0	30.47
159580	3S	13.8	35	22	19.0	71	0.820	35	58.5	46.48
159590	4S	18.8	42	26	22.5	89	2.050	42	75.0	73.16

## Escoflex Type S Spider

Item No.	Type	
159640	1S	3.60
159650	2S	6.97
159660	3S	6.97
159670	4S	10.56

# COUPLINGS

## Flexible Shaft Couplings Escoflex Type R



Item No.	Type	Finished hole dmin	Finished hole dmaxD	E	C	kg	A	B	F
159600	1R	6.0	16	11	9.5	0.120	16	27.5	37
159610	2R	9.8	24	14	12.7	0.370	24	42.0	54
159620	3R	13.8	35	22	19.0	1.000	35	58.5	70
159630	4R	18.8	42	27	22.5	2.070	42	75.0	89

## Escoflex Type R Spider

Item No.	Type	
159680	1R	21.11
159690	2R	30.58
159700	3R	43.58
159710	4R	49.92

## Replacement packages for Hadeflex couplings design F – PU

Item No.	Design	length x width	Thickness	
205970	long-oval PU	20x20	Thickness 10	0.45
205980	long-oval PU	25x20	Thickness 12	0.56
205990	long-oval PU	36x25	Thickness 15	0.73
206000	long-oval PU	45x30	Thickness 20	1.21
206010	long-oval PU	60x40	Thickness 25	2.42
206020	long-oval PU	80x60	Thickness 30	5.10

## Replacement packages for Hadeflex couplings design F – GU

Item No.	Design	length x width	Thickness	
206140	Long-oval GU	20x20	Thickness 10	1.89
206150	Long-oval GU	25x20	Thickness 12	2.10
206160	Long-oval GU	36x25	Thickness 15	3.15
206170	Long-oval GU	45x30	Thickness 20	4.83
206180	Long-oval GU	60x40	Thickness 25	7.35

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