

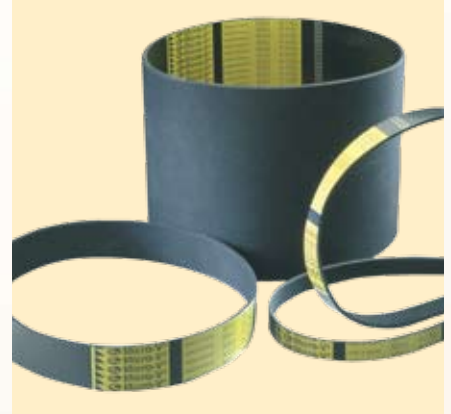


HEAVY-DUTY V-BELTS

MICRO-V®

Multi-ribbed V-belt

Gates Micro-V® multi-ribbed belts ensure outstanding performance on any industrial multi-ribbed drive. They cover a multitude of industrial applications and are suitable for industrial drives in washing machines, textile machines, vacuum cleaners, lawn mowers, machine tools, medical equipment and many more. The full line of Micro-V® belt products includes slabs in several widths as well as single belts in PJ, PK, PL and PM sections in order to perfectly match customer requirements. Both slabs and belts can be manufactured in a great variety of number of ribs.



Identification

Durable yellow marking indicating type and dimension.

Construction

- Truncated ribs ensure flexibility, reduce heat build-up and improve rib crack resistance. They also enhance load-carrying capacity on small diameter pulleys.
- High modulus, low stretch polyester tensile member provides superior resistance to fatigue and shock loads.
- All elastomeric rubber compound provides oil and heat resistance.
- Specially formulated fibre reinforced undercord stock improves belt stability.

Advantages

- Extremely smooth and cool running.
- Very high power capacity per rib.
- Long life due to extra load-carrying capacity.
- Improved performance on back idlers.
- Smaller drive package.
- Tolerant of pulley groove debris.
- **Static conductive (ISO 1813)** and can as such be used in the conditions described in the Directive 94/9/EC - ATEX.

Sections and nominal dimensions



	Pitch mm	Height mm
PJ	2.34	3.5
PK	3.56	4.45
PL	4.70	9.5
PM	9.40	16.5

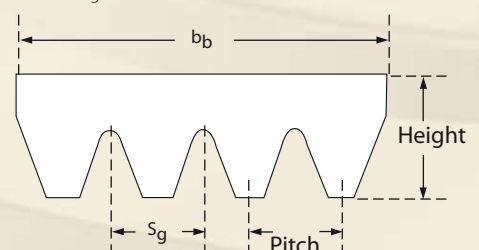
Micro-V® belts are available in PJ, PK, PL and PM cross-sections. The figure below shows a cross-sectional view illustrating the nominal belt dimensions — rib width and belt height. All these belts will operate in standard pulleys provided the pulleys are manufactured to the DIN 7867 or ISO 9982 standard for the specific cross-section.

Nominal top width:

$$b_b = N_r \times S_g$$

Where: N_r = number of ribs

S_g = pulley groove spacing





PJ		
Description		Effective length
DIN 7867	RMA	mm
PJ406	160 J	406
PJ432	170 J	432
PJ457	180 J	457
PJ483	190 J	483
PJ508	200 J	508
PJ559	220 J	559
PJ584	230 J	584
PJ610	240 J	610
PJ660	260 J	660
PJ711	280 J	711
PJ723	285 J	723
PJ737	290 J	737
PJ762	300 J	762
PJ813	320 J	813
PJ838	330 J	838
PJ864	340 J	864
PJ914	360 J	914
PJ955	376 J	955
PJ965	380 J	965
PJ1016	400 J	1016
PJ1041	410 J	1041
PJ1067	420 J	1067
PJ1092	430 J	1092
PJ1105	435 J	1105
PJ1110	437 J	1110
PJ1118	440 J	1118
PJ1123	442 J	1123
PJ1130	445 J	1130
PJ1136	447 J	1136
PJ1150	453 J	1150
PJ1168	460 J	1168
PJ1194	470 J	1194
PJ1200	473 J	1200
PJ1222	480 J	1222
PJ1233	485 J	1233
PJ1244	490 J	1244
PJ1262	497 J	1262
PJ1270	500 J	1270
PJ1280	504 J	1280
PJ1300	512 J	1300
PJ1309	515 J	1309
PJ1321	520 J	1321
PJ1333	525 J	1333
PJ1355	534 J	1355
PJ1371	540 J	1371
PJ1397	550 J	1397
PJ1428	562 J	1428
PJ1439	567 J	1439
PJ1473	580 J	1473
PJ1549	610 J	1549
PJ1600	630 J	1600
PJ1651	650 J	1651
PJ1663	655 J	1663
PJ1752	690 J	1752
PJ1854	730 J	1854
PJ1895	746 J	1895
PJ1910	752 J	1910
PJ1930	760 J	1930
PJ1956	770 J	1956
PJ1981	780 J	1981
PJ1992	784 J	1992
PJ2083	820 J	2083
PJ2210	870 J	2210
PJ2337	920 J	2337
PJ2489	980 J	2489

PL		
Description		Effective length
DIN 7867	RMA	mm
PL954	375 L	954
PL991	390 L	991
PL1075	423 L	1075
PL1270	500 L	1270
PL1333	525 L	1333
PL1371	540 L	1371
PL1397	550 L	1397
PL1422	560 L	1422
PL1562	615 L	1562
PL1613	635 L	1613
PL1664	655 L	1664
PL1715	675 L	1715
PL1765	695 L	1765
PL1803	710 L	1803
PL1842	725 L	1842
PL1943	765 L	1943
PL1981	780 L	1981
PL2019	795 L	2019
PL2070	815 L	2070
PL2096	825 L	2096
PL2134	840 L	2134
PL2197	865 L	2197
PL2235	880 L	2235
PL2324	915 L	2324
PL2362	930 L	2362
PL2476	975 L	2476
PL2515	990 L	2515
PL2705	1065 L	2705
PL2743	1080 L	2743
PL2845	1120 L	2845
PL2896	1140 L	2895
PL2921	1150 L	2921
PL2997	1180 L	2997
PL3086	1215 L	3086
PL3125	1230 L	3125
PL3289	1295 L	3289
PL3327	1310 L	3327
PL3493	1375 L	3493
PL3696	1455 L	3696

PM		
Description		Effective length
DIN 7867	RMA	mm
PM2286	900 M	2286
PM2388	940 M	2388
PM2515	990 M	2515
PM2693	1060 M	2693
PM2832	1115 M	2832
PM2921	1150 M	2921
PM3010	1185 M	3010
PM3124	1230 M	3124
PM3327	1310 M	3327
PM3531	1390 M	3531
PM3734	1470 M	3734
PM4089	1610 M	4089
PM4191	1650 M	4191
PM4470	1760 M	4470
PM4648	1830 M	4648
PM5029	1980 M	5029
PM5410	2130 M	5410
PM6121	2410 M	6121
PM6502	2560 M	6502
PM6883	2710 M	6883
PM7646	3010 M	7646
PM8408	3310 M	8408
PM9169	3610 M	9169
PM9931	3910 M	9931

PK

Description	Effective length	Slab width
DIN 7867	mm	(ribs)
PK630	630	308 (4x77)
PK650	650	308 (4x77)
PK675	675	308 (4x77)
PK698	698	308 (4x77)
PK700	700	308 (4x77)
PK730	730	308 (4x77)
PK755	755	308 (4x77)
PK775	775	308 (4x77)
PK800	800	308 (4x77)
PK830	830	308 (4x77)
PK845	845	308 (4x77)
PK870	870	308 (4x77)
PK875	875	308 (4x77)
PK885	885	308 (4x77)
PK890	890	308 (4x77)
PK920	920	308 (4x77)
PK925	925	308 (4x77)
PK950	950	308 (4x77)
PK954	954	308 (4x77)
PK970	970	308 (4x77)
PK1000	1000	308 (4x77)
PK1015	1015	308 (4x77)
PK1035	1035	308 (4x77)
PK1060	1060	308 (4x77)
PK1080	1080	308 (4x77)
PK1090	1090	308 (4x77)
PK1125	1125	308 (4x77)
PK1145	1145	308 (4x77)
PK1150	1150	308 (4x77)
PK1165	1165	308 (4x77)
PK1190	1190	308 (4x77)
PK1200	1200	308 (4x77)
PK1222	1222	308 (4x77)
PK1230	1230	308 (4x77)
PK1245	1245	308 (4x77)
PK1270	1270	308 (4x77)
PK1300	1300	308 (4x77)
PK1330	1330	308 (4x77)
PK1335	1335	308 (4x77)
PK1345	1345	308 (4x77)
PK1385	1385	308 (4x77)
PK1420	1420	308 (4x77)
PK1460	1460	308 (4x77)
PK1490	1490	308 (4x77)
PK1520	1520	308 (4x77)
PK1555	1555	308 (4x77)
PK1560	1560	308 (4x77)
PK1570	1570	308 (4x77)
PK1610	1610	308 (4x77)
PK1655	1655	308 (4x77)
PK1690	1690	308 (4x77)
PK1700	1700	308 (4x77)
PK1725	1725	308 (4x77)
PK1755	1755	308 (4x77)
PK1800	1800	264 (4x66)
PK1860	1860	264 (4x66)
PK1885	1885	264 (4x66)
PK1890	1890	264 (4x66)
PK1900	1900	264 (4x66)
PK1980	1980	264 (4x66)
PK2050	2050	264 (4x66)
PK2080	2080	264 (4x66)
PK2120	2120	264 (4x66)
PK2145	2145	264 (4x66)
PK2235	2235	264 (4x66)
PK2280	2280	264 (4x66)
PK2330	2330	264 (4x66)
PK2490	2490	264 (4x66)

Micro-V® ordering code is composed as follows:

PM2286/28

PM - Section
2286 - Effective length (mm)
28 - Slab width (ribs)

Dimensions in bold are available from stock.