

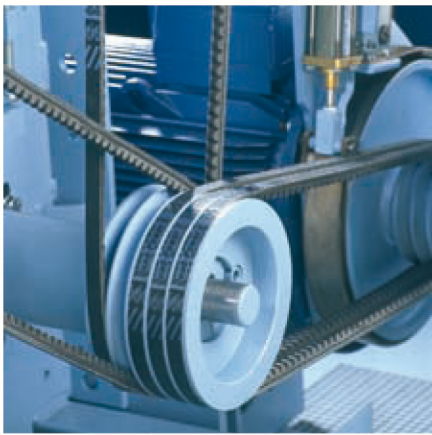


HEAVY-DUTY V-BELTS

QUAD-POWER® II

Raw edge, moulded notch, narrow section V-belt

Quad-Power® II is Gates' top of-the-range narrow section V-belt for heavy-duty industrial drives. It has been developed to replace traditional V-belts on applications where space and weight savings are critical: Quad-Power® II has a very high power capacity and can be used on small pulley diameters. Extensive testing has shown that Gates Quad-Power® II V-belt offers up to 15% higher power rating values than previous generations, ensuring the same service life. Improved resistance to outside bends allows the use of back idlers. The unique notch profile makes the belts run smoothly in the pulley grooves.



Identification

Durable blue marking indicating type and dimensions.

Construction

- Optimised notch profile reduces and evenly distributes thermal and bending stresses and increases energy efficiency. Notch depth is in proportion to the cross-section to ensure perfect stability.
- Precision-ground sidewalls give a uniform wedging action.
- Fibre-loaded elastomeric compound withstands heat, ozone and sunlight and provides better cord support.
- Flex-bonded polyester tensile cords are vulcanised as one solid unit, increasing the belt's resistance to tensile and flexing forces.
- Double Flex-Weave® textile backing protects the belt against wear - especially when back idlers are used.
- Cross-cords improve belt stability.
- Even with severe slippage, the belt will not catch fire from heat build-up.
- **Static conductive (ISO 1813)** and can as such be used in the conditions described in the Directive 94/9/EC - ATEX.

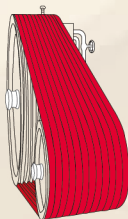
Advantages

- One of the most powerful belts in Gates' industrial V-belt range.
- Excellent performance/cost ratio.
- Increased transmission efficiency as compared to other V-belt types.
- Cost and space savings.
- Savings on pulley cost.
- Maximum belt life reducing maintenance time.
- Match system: all sizes meet Gates **UNISSET** tolerances, they can be installed without matching.

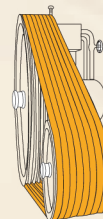
Sections and nominal dimensions



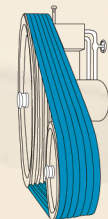
	Width mm	Height mm
XPZ	10	8
XPA	13	10
XPB	16	13
XPC	22	18



Hi-Power®
12 x B46
pulley width: 234 mm
25000 hr belt life



Super HC®
8 x SPB1250
pulley width: 158 mm
25000 hr belt life



Quad-Power® II
6 x XPB1250
pulley width: 120 mm
25000 hr belt life



XPZ

Description	Datum length	Description	Datum length
ISO	mm ISO	ISO	mm ISO
XPZ630	630	XPZ1512	1512
XPZ637	637	XPZ1520	1520
XPZ662	662	XPZ1537	1537
XPZ670	670	XPZ1550	1550
XPZ687	687	XPZ1587	1587
XPZ710	710	XPZ1600	1600
XPZ722	722	XPZ1650	1650
XPZ730	730	XPZ1687	1687
XPZ737	737	XPZ1700	1700
XPZ750	750	XPZ1750	1750
XPZ760	760	XPZ1800	1800
XPZ762	762	XPZ1850	1850
XPZ772	772	XPZ1900	1900
XPZ787	787	XPZ1950	1950
XPZ800	800	XPZ2000	2000
XPZ812	812	XPZ2030	2030
XPZ837	837	XPZ2120	2120
XPZ850	850	XPZ2160	2160
XPZ862	862	XPZ2240	2240
XPZ875	875	XPZ2280	2280
XPZ887	887	XPZ2360	2360
XPZ900	900	XPZ2410	2410
XPZ912	912	XPZ2500	2500
XPZ925	925	XPZ2540	2540
XPZ937	937	XPZ2650	2650
XPZ950	950	XPZ2690	2690
XPZ962	962	XPZ2800	2800
XPZ975	975	XPZ2840	2840
XPZ980	980	XPZ3000	3000
XPZ987	987	XPZ3150	3150
XPZ1000	1000	XPZ3350	3350
XPZ1010	1010	XPZ3550	3550
XPZ1012	1012		
XPZ1030	1030		
XPZ1037	1037		
XPZ1060	1060		
XPZ1062	1062		
XPZ1077	1077		
XPZ1080	1080		
XPZ1087	1087		
XPZ1090	1090		
XPZ1112	1112		
XPZ1120	1120		
XPZ1137	1137		
XPZ1140	1140		
XPZ1150	1150		
XPZ1162	1162		
XPZ1180	1180		
XPZ1187	1187		
XPZ1200	1200		
XPZ1202	1202		
XPZ1212	1212		
XPZ1237	1237		
XPZ1250	1250		
XPZ1262	1262		
XPZ1270	1270		
XPZ1280	1280		
XPZ1285	1285		
XPZ1287	1287		
XPZ1312	1312		
XPZ1320	1320		
XPZ1337	1337		
XPZ1340	1340		
XPZ1362	1362		
XPZ1400	1400		
XPZ1412	1412		
XPZ1420	1420		
XPZ1450	1450		
XPZ1487	1487		
XPZ1500	1500		

XPA

Description	Datum length	Description	Datum length
ISO	mm ISO	ISO	mm ISO
XPA690	690	XPA1900	1900
XPA747	747	XPA1950	1950
XPA757	757	XPA2000	2000
XPA782	782	XPA2060	2060
XPA800	800	XPA2120	2120
XPA832	832	XPA2240	2240
XPA850	850	XPA2360	2360
XPA857	857	XPA2430	2430
XPA882	882	XPA2500	2500
XPA900	900	XPA2650	2650
XPA907	907	XPA2800	2800
XPA925	925	XPA3000	3000
XPA932	932	XPA3150	3150
XPA950	950	XPA3350	3350
XPA957	957	XPA3550	3550
XPA975	975	XPA3750	3750
XPA982	982	XPA4000	4000
XPA1000	1000		
XPA1007	1007		
XPA1030	1030		
XPA1060	1060		
XPA1082	1082		
XPA1090	1090		
XPA1107	1107		
XPA1120	1120		
XPA1140	1140		
XPA1150	1150		
XPA1157	1157		
XPA1180	1180		
XPA1207	1207		
XPA1215	1215		
XPA1232	1232		
XPA1250	1250		
XPA1257	1257		
XPA1282	1282		
XPA1285	1285		
XPA1307	1307		
XPA1320	1320		
XPA1332	1332		
XPA1357	1357		
XPA1360	1360		
XPA1367	1367		
XPA1382	1382		
XPA1400	1400		
XPA1450	1450		
XPA1457	1457		
XPA1482	1482		
XPA1500	1500		
XPA1507	1507		
XPA1532	1532		
XPA1550	1550		
XPA1582	1582		
XPA1600	1600		
XPA1650	1650		
XPA1657	1657		
XPA1680	1680		
XPA1700	1700		
XPA1750	1750		
XPA1800	1800		
XPA1850	1850		

XPB

Description	Datum length
ISO	mm ISO
XPB1250	1250
XPB1260	1260
XPB1320	1320
XPB1340	1340
XPB1400	1400
XPB1410	1410
XPB1450	1450
XPB1500	1500
XPB1510	1510
XPB1550	1550
XPB1590	1590
XPB1600	1600
XPB1650	1650
XPB1690	1690
XPB1700	1700
XPB1750	1750
XPB1800	1800
XPB1850	1850
XPB1900	1900
XPB1950	1950
XPB2000	2000
XPB2020	2020
XPB2120	2120
XPB2150	2150
XPB2240	2240
XPB2280	2280
XPB2360	2360
XPB2410	2410
XPB2500	2500
XPB2530	2530
XPB2650	2650
XPB2680	2680
XPB2800	2800
XPB2840	2840
XPB2990	2990
XPB3000	3000
XPB3150	3150
XPB3350	3350
XPB3550	3550
XPB3750	3750
XPB4000	4000
XPB4250	4250
XPB4500	4500
XPB4750	4750
XPB5000	5000

XPC

Description	Datum length
ISO	mm ISO
XPC2000	2000
XPC2120	2120
XPC2240	2240
XPC2360	2360
XPC2500	2500
XPC2650	2650
XPC2800	2800
XPC3000	3000
XPC3150	3150
XPC3350	3350
XPC3550	3550
XPC3750	3750
XPC4000	4000
XPC4250	4250
XPC4500	4500
XPC4750	4750
XPC5000	5000

Quad-Power® II ordering code is composed as follows:

XPZ630

XPZ - Section
630 - Datum length (mm)

Dimensions in bold are available from stock.