



Professional Belt Manufacturer



AUTOMOTIVE INDUSTRIAL BELTS

ZHEJIANG PIONEER TRANSMISSION TECHNOLOGY CO., LTD.

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COMPANY PROFILE

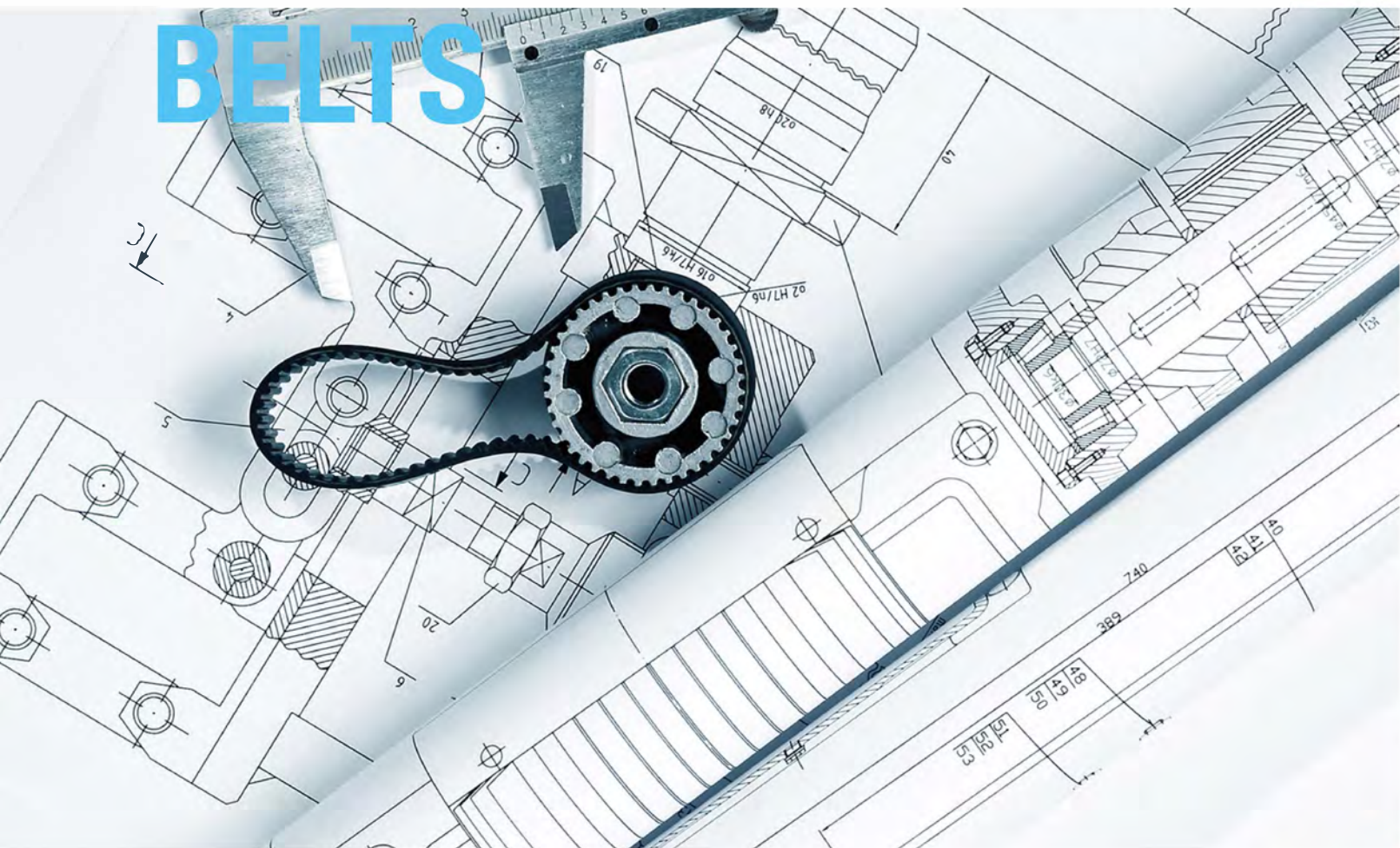
Zhejiang Pioneer Transmission Technology Co., Ltd. is professionally engaged in researching and manufacturing the full range of automotive and industrial power transmission belts, including poly v belts, cogged v belts, timing belts, industrial belts etc.

The company has 20 years design and development experience, focusing on high quality and supplying grade value power transmission belts! Products are widely recognized and trusted by users and can meet continuously changing economic and social needs. Pioneer Transmission Tech is a key partner for companies looking for innovation, to whom we can offer high added value, cost-effective and reliable transmission systems.

The company philosophy: Faithfulness! Quality! Pragmatism! Innovation!

TRANSMISSION

BELTS



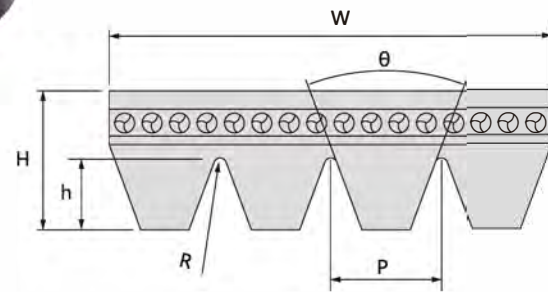
QUALITY AND PROFESSIONALISM

AUTOMOTIVE BELT

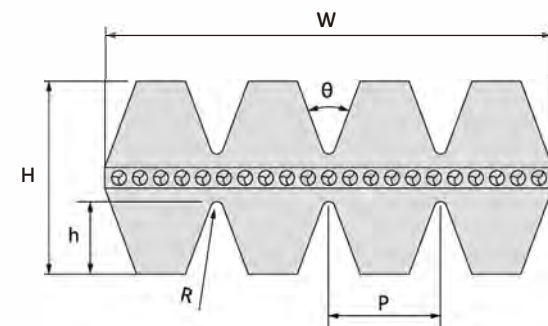


AUTOMOTIVE V-RIBBED BELTS

PIONEER company adopts modified EPDM with special formula, which is more resistant to high temperature and aging than traditional CR belts. It can be used in a high temperature environment of 120°C for a long time. The wedge surface contains aramid fiber, which can effectively reduce noise and increase the transmission efficiency of the belt. We take care produce OE quality belts to fit virtually any vehicle on the road today.



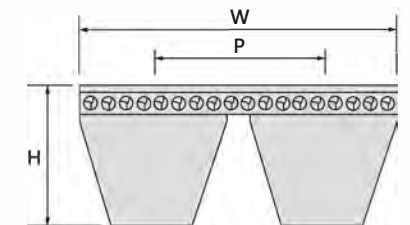
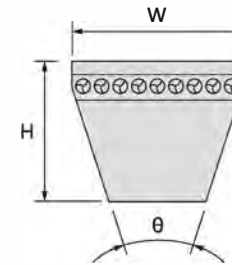
Type	P (mm)	P (mm)	θ (°)	h (mm)
PK	3.56	4.8	40°	2.17



Type	P (mm)	P (mm)	θ (°)	h (mm)
DPK	3.56	6.9	40°	2.00

AUTOMOTIVE V BELT

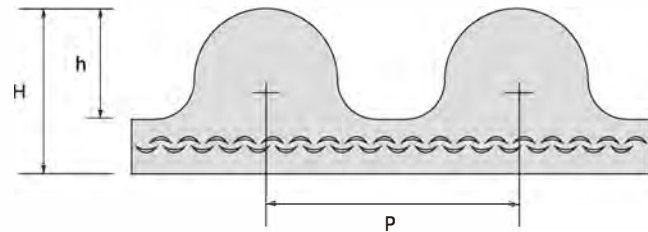
PIONEER's automotive v belts are made of high-strength, highly elastic- cord and heat-resistant modified EPDM. Cog profile make the belt more flexibility and easy to heat dissipate. It has the characteristics of wear resistance, oil resistance, heat resistance, no slippage, etc.



Type	AV10	AV13	AV15/AV17	AV20	2AV10	2AV13	2AV15
w (mm)	10.0	13	16.5	21	22.2	27.7	33.7
H (mm)	8.0	8.9	11.0	13	10.4	10.5	12.8
θ (°)	36	36	38	38			

AUTOMOTIVE TIMING BELTS

Timing belts are widely used in gasoline and diesel vehicles. The HNBR timing belt manufactured by PIONEER company has the features of low noise operation, Strong transmission capacity and high elongation, etc.



Type	ZA	ZB	R	Y	RU	YU	S8M	RPP
P (mm)	9.525	9.525	9.525	8	9.525	8	8	9.525
h (mm)	1.91	2.29	3.5	3.05	3.44	3.05	2.96	3.2
H (mm)	4.05	4.5	5.5	5.2	5.4	5.2	6	5.5

TIMING BELT KITS

Timing system repair and replacement is no longer just replacing a single component, a complete replacement of the system ensures system stability.

Timing Belt Kit developed by PIONEER company is matched with perfect technology to meet the requirements of the ever-evolving market.



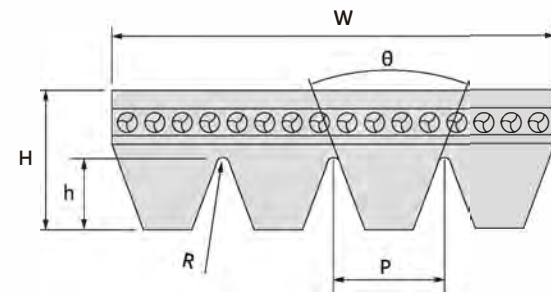
PROFESSIONAL FROM INNOVATION

INDUSTRIAL BELTS



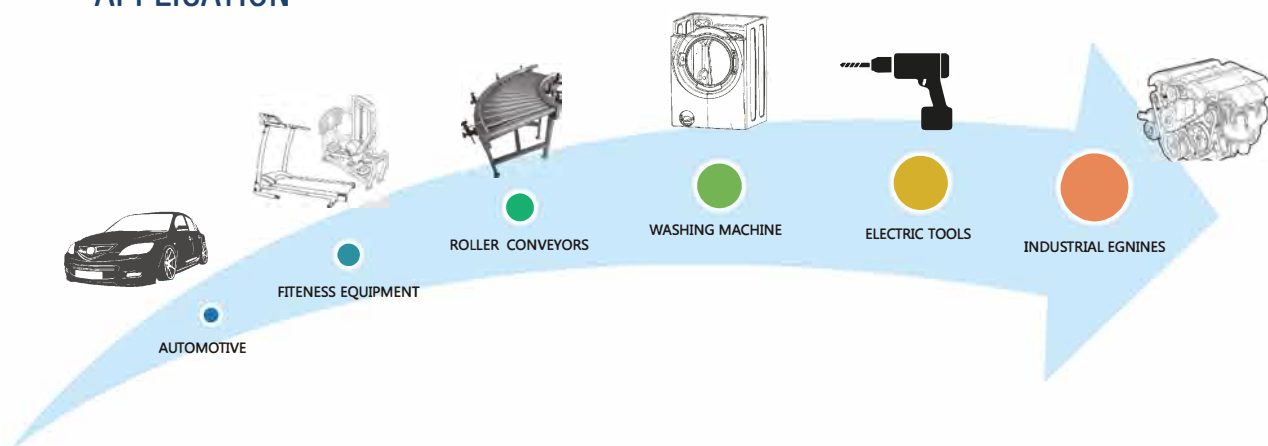
POLY V BELTS

Poly v belt also termed V-ribbed belt, refers to a ring-shape rubber transmission belt with a flat belt as the base body, and vertical 40°trapezoidal wedge arranged on the inner surface with equal intervals, the working surface is the side of the wedge. It's especially suitable for high-speed transmission with compact structure and large transmission power.



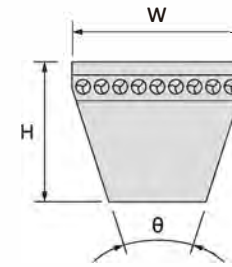
	PH	PJ	PK	PL	PM	DPK
Pitch (mm)	1.6	2.34	3.56	4.7	9.4	3.56
Thickness(mm)	2.3	3.4	4.8	6.2	12	6.9
θ (°)	40°	40°	40°	40°	40°	40°
Linear Density	0.0043 kg/m/rib	0.0083 kg/m/rib	0.019 kg/m/rib	0.029 kg/m/rib	0.101 kg/m/rib	
Installation Tension	25 to 35 N/rib/strand	35 to 50 N/rib/strand	90 to 110 N/rib/strand	135 to 200 N/rib/strand	450 to 500 N/rib/strand	

APPLICATION



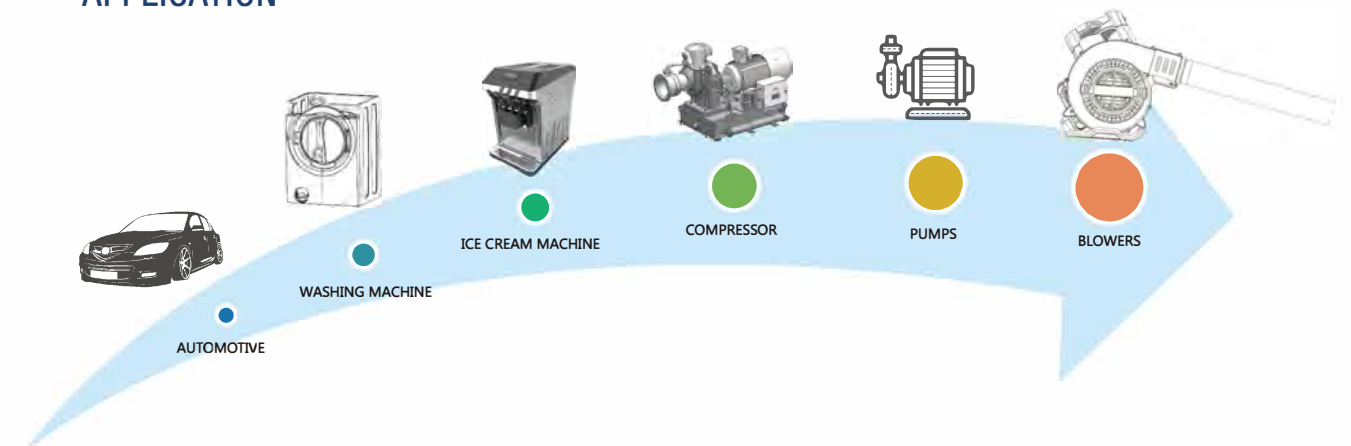
COGGED V BELT

According to the different transmission power and usage requirements, PIONEER uses special formula and technology to develop modified EPDM cog v belt, which allows for lower energy loss, faster heat dissipation, more stable operation and higher power transmission capacity than general cog belts.



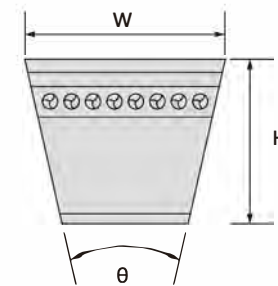
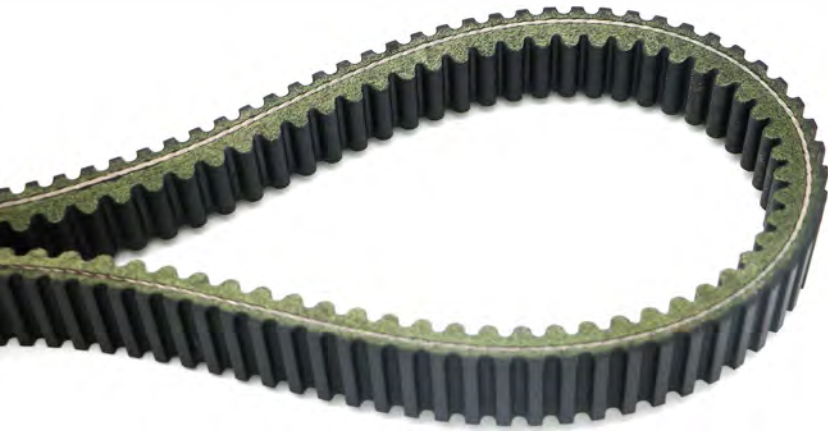
Type	ZX	AX	BX	CX	DX	XPZ	XPA	XPB	XPC	3VX	5VX	8VX
w (mm)	10	13	17	22	32	10	13	17	22	9.7	15.8	25.4
H (mm)	6	8	11	14	19	8	10	14	18	8	14	23
θ (°)	38	38	38	38	38	38	38	38	38	38	38	38

APPLICATION



VARIABLE SPEED BELTS

PIONEER variable speed belt adopts high-strength heat-sensitive tension cord and aramid cord to ensure that the belt can carry out high-power transmission even under harsh variable speed transmission conditions such as high impact force and high temperature.

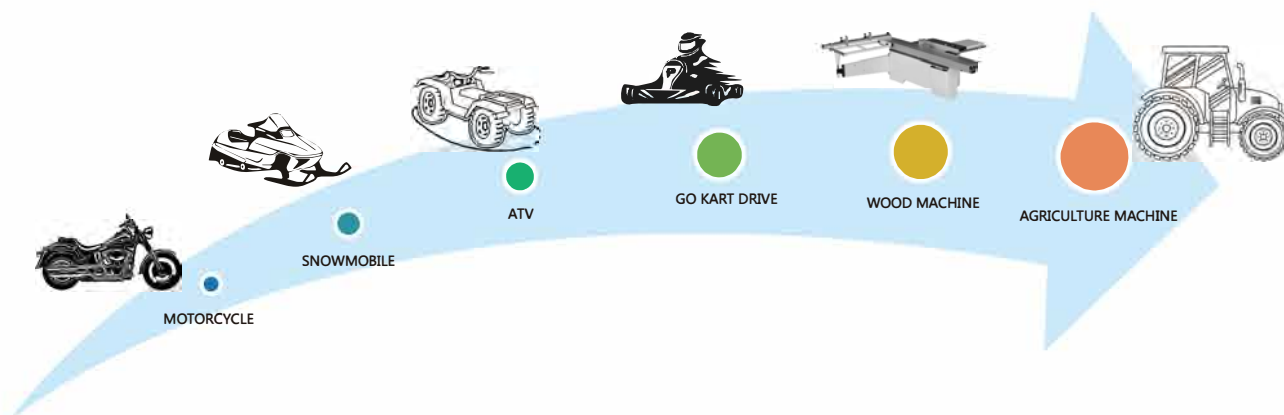


Industrial Speed Belt	Type	W40	W50	W63	W80	W100	1422V	2230V	3226V	4036V	4836V
	Top Width		42mm	52mm	65mm	83mm	104mm	22mm	35mm	51mm	64mm
Thickness		13mm	16mm	20mm	26mm	32mm	8mm	12mm	13mm	18mm	22mm
Angle°		28°	28°	28°	28°	28°	22°	30°	26°	36°	36°

Scooter Belts	Type	4VP-17641-00	23100-GAK-9010	23100-KEB7-9000	23100-GY6-901	PL20705	840908-2G
	Top Width		17.3mm	18mm	18mm	20mm	20mm
Thickness		757mm	669mm	728mm	743mm	835mm	830mm
Angle°		28°	30°	30°	30°	30°	30°

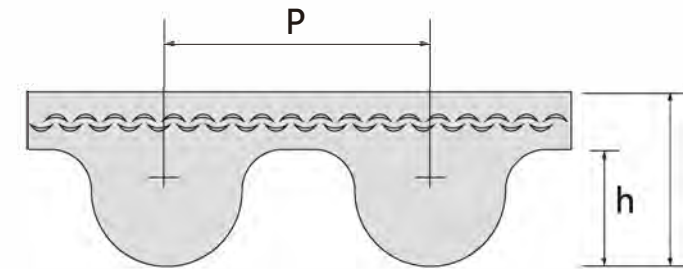
* More models available in variable speed belt. Please ask if the belt you require is not here.

APPLICATION



SYNCHRONOUS BELTS

Synchronous belt combines the advantages of timing belt drive, chain drive and gear drive. When the timing belt rotates, the power is transferred by engaging the belt tooth with the tooth groove of the pulley. It has the features of accurate synchronous drive function, non slip, no pollution and low noise.



Type	2M	3M	5M	8M	14M	20M	S2M	S3M	S5M	S8M	S14M
P (mm)	2	3	5	8	14	20	2	3	5	8	14
h (mm)	0.75	1.17	2.06	3.48	6.02	8.4	0.76	1.14	1.91	3.05	5.3
H (mm)	1.36	2.4	3.8	6.0	10.0	13.2	1.36	2.2	3.4	5.3	10.2

Type	MXL	XXL	XL	L	H	XH	XXH
P (mm)	2.032	3.175	5.08	9.525	12.7	22.225	31.75
h (mm)	0.51	0.76	1.27	1.91	2.29	6.35	9.53
H (mm)							

APPLICATION

