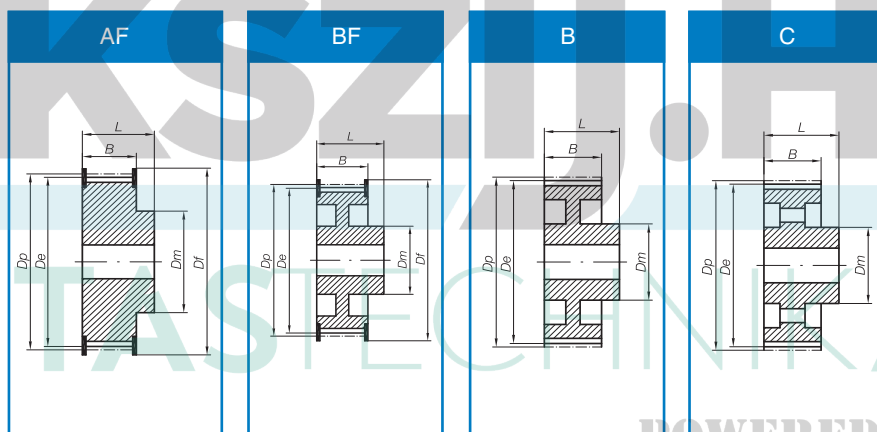


HTD Profile Pilot Bore

8mm Pitch 8M-20 (20mm Wide Belt)

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
22 - 8M - 20	22	AF	56.02	54.65	60	43	28	38	S
24 - 8M - 20	24	AF	61.12	59.75	66	45	28	38	S
26 - 8M - 20	26	AF	66.21	64.84	70	48	28	38	S
28 - 8M - 20	28	AF	71.30	70.08	75	50	28	38	S
30 - 8M - 20	30	AF	76.39	75.13	83	55	28	38	S
32 - 8M - 20	32	AF	81.49	80.16	87	60	28	38	S
34 - 8M - 20	34	AF	86.58	85.22	91	70	28	38	S
36 - 8M - 20	36	AF	91.67	90.30	97	70	28	38	S
38 - 8M - 20	38	AF	96.77	95.39	102	75	28	38	S
40 - 8M - 20	40	AF	101.86	100.49	106	75	28	38	S
44 - 8M - 20	44	AF	112.05	110.67	120	75	28	38	S
48 - 8M - 20	48	AF	122.23	120.86	128	75	28	38	S
56 - 8M - 20	56	BF	142.60	141.23	150	80	28	38	S
64 - 8M - 20	64	BF	162.97	161.60	168	80	28	38	S
72 - 8M - 20	72	BF	183.35	181.97	192	80	28	38	S
80 - 8M - 20	80	B	203.72	202.35	-	90	28	38	CI
90 - 8M - 20	90	B	229.18	227.81	-	90	28	38	CI
112 - 8M - 20	112	C	285.21	283.83	-	90	28	38	CI
144 - 8M - 20	144	C	366.69	365.32	-	90	28	38	CI
168 - 8M - 20	168	C	427.81	426.44	-	100	28	38	CI
192 - 8M - 20	192	C	488.92	487.55	-	100	28	38	CI



Material
 AL = Aluminium
 CI* = Cast iron
 S = Steel

8mm Pitch 8M-30 (30mm Wide Belt)

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
22 - 8M - 30	22	AF	56.02	54.65	60	43	38	48	S
24 - 8M - 30	24	AF	61.12	59.75	66	45	38	48	S
26 - 8M - 30	26	AF	66.21	64.84	70	48	38	48	S
28 - 8M - 30	28	AF	71.30	70.08	75	50	38	48	S
30 - 8M - 30	30	AF	76.39	75.13	83	55	38	48	S
32 - 8M - 30	32	AF	81.49	80.16	87	60	38	48	S
34 - 8M - 30	34	AF	86.58	85.22	91	66	38	48	S
36 - 8M - 30	36	AF	91.67	90.30	97	70	38	48	S
38 - 8M - 30	38	AF	96.77	95.39	102	75	38	48	S
44 - 8M - 30	44	AF	112.05	110.67	120	75	38	48	S
48 - 8M - 30	48	AF	122.23	120.86	128	75	38	48	S
56 - 8M - 30	56	BF	142.60	141.23	150	90	38	48	S
64 - 8M - 30	64	BF	162.97	161.60	168	90	38	48	S
72 - 8M - 30	72	BF	183.35	181.97	192	95	38	48	S
80 - 8M - 30	80	B	203.72	202.35	-	100	38	48	CI
90 - 8M - 30	90	B	229.18	227.81	-	100	38	48	CI
112 - 8M - 30	112	C	285.21	283.83	-	100	38	48	CI
144 - 8M - 30	144	C	366.69	365.32	-	100	38	48	CI
168 - 8M - 30	168	C	427.81	426.44	-	100	38	48	CI
192 - 8M - 30	192	C	488.92	487.55	-	100	38	48	CI

Df and Dm can vary without notice. During manufacturing, the lightening relief may vary slightly.

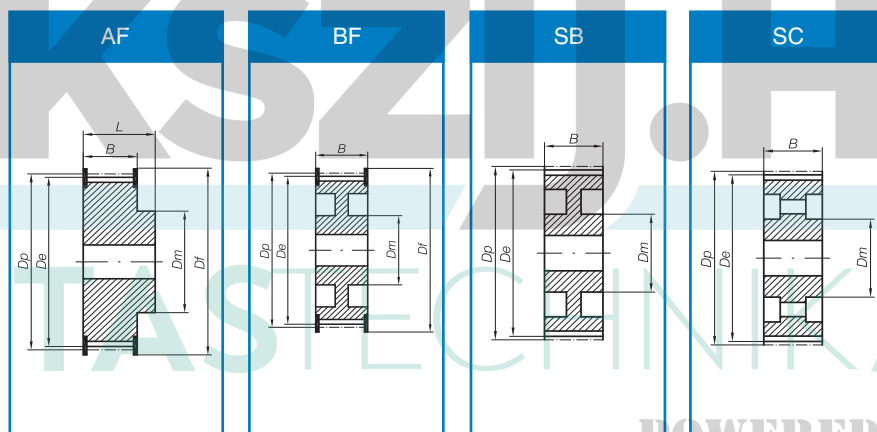
*Cast Iron items may be manufactured from steel depending upon current production availability. This may cause slight variations to non-critical dimensions. Please inform us at order placement if you are unable to accept this variation.

All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused

HTD Profile Pilot Bore

8mm Pitch 8M-50 (50mm Wide Belt)

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
22 - 8M - 50	22	AF	56.02	54.65	60	43	60	70	S
24 - 8M - 50	24	AF	61.12	59.75	66	45	60	70	S
26 - 8M - 50	26	AF	66.21	64.84	70	48	60	70	S
28 - 8M - 50	28	AF	71.30	70.08	75	50	60	70	S
30 - 8M - 50	30	AF	76.39	75.13	83	55	60	70	S
32 - 8M - 50	32	AF	81.49	80.16	87	60	60	70	S
34 - 8M - 50	34	AF	86.58	85.22	91	66	60	70	S
36 - 8M - 50	36	AF	91.67	90.30	97	70	60	70	S
38 - 8M - 50	38	AF	96.77	95.39	102	75	60	70	S
40 - 8M - 50	40	AF	101.86	100.49	106	75	60	70	S
44 - 8M - 50	44	AF	112.05	110.67	120	75	60	70	S
48 - 8M - 50	48	AF	122.23	120.86	128	80	60	70	S
56 - 8M - 50	56	SBF	142.60	141.23	150	90	60	60	S
64 - 8M - 50	64	SBF	162.97	161.60	168	100	60	60	S
72 - 8M - 50	72	SBF	183.35	181.97	192	100	60	60	S
80 - 8M - 50	80	SB	203.72	202.35	-	110	60	60	CI
90 - 8M - 50	90	SB	229.18	227.81	-	110	60	60	CI
112 - 8M - 50	112	SC	285.21	283.83	-	110	60	60	CI
144 - 8M - 50	144	SC	366.69	365.32	-	110	60	60	CI
168 - 8M - 50	168	SC	427.81	426.44	-	120	60	60	CI
192 - 8M - 50	192	SC	488.92	487.55	-	130	60	60	CI



Material
AL = Aluminium
CI* = Cast iron
S = Steel

8mm Pitch 8M-85 (85mm Wide Belt)

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
22 - 8M - 85	22	AF	56.02	54.65	60	43	95	105	S
24 - 8M - 85	24	AF	61.12	59.75	66	45	95	105	S
26 - 8M - 85	26	AF	66.21	64.84	70	48	95	105	S
28 - 8M - 85	28	AF	71.30	70.08	75	50	95	105	S
30 - 8M - 85	30	AF	76.39	75.13	83	55	95	105	S
32 - 8M - 85	32	AF	81.49	80.16	87	60	95	105	S
34 - 8M - 85	34	AF	86.58	85.22	91	66	95	105	S
36 - 8M - 85	36	AF	91.67	90.30	97	70	95	105	S
38 - 8M - 85	38	AF	96.77	95.39	102	75	95	105	S
40 - 8M - 85	40	AF	101.86	100.49	106	75	95	105	S
44 - 8M - 85	44	AF	112.05	110.67	120	75	95	105	S
48 - 8M - 85	48	AF	122.23	120.86	128	80	95	105	S
56 - 8M - 85	56	AF	142.60	141.23	150	90	95	105	S
64 - 8M - 85	64	SBF	162.97	161.60	168	100	95	95	S
72 - 8M - 85	72	SBF	183.35	181.97	192	100	95	95	S
80 - 8M - 85	80	SC	203.72	202.35	-	110	95	95	CI
90 - 8M - 85	90	SC	229.18	227.81	-	110	95	95	CI
112 - 8M - 85	112	SC	285.21	283.83	-	110	95	95	CI
144 - 8M - 85	144	SC	366.69	365.32	-	110	95	95	CI
168 - 8M - 85	168	SC	427.81	426.44	-	120	95	95	CI
192 - 8M - 85	192	SC	488.92	487.55	-	130	95	95	CI

Df and Dm can vary without notice. During manufacturing, the lightening relief may vary slightly.

*Cast Iron items may be manufactured from steel depending upon current production availability. This may cause slight variations to non-critical dimensions. Please inform us at order placement if you are unable to accept this variation.

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