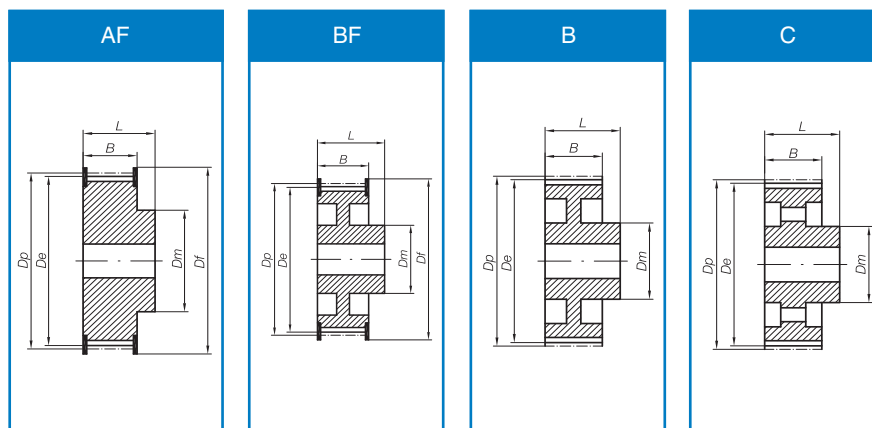


Timing Pilot Bore

L - 3/8" (9.525 mm) pitch

L050 - 0.50" (12.7 mm) wide belts

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
10 - L - 050	10	AF	30.32	29.56	37.0	20	19	28	S
11 - L - 050	11	AF	33.35	32.59	37.0	22	19	30	S
12 - L - 050	12	AF	36.38	35.62	43.0	24	19	30	S
13 - L - 050	13	AF	39.41	38.65	44.0	28	19	30	S
14 - L - 050	14	AF	42.45	41.69	48.0	28	19	30	S
15 - L - 050	15	AF	45.48	44.72	51.0	34	19	30	S
16 - L - 050	16	AF	48.51	47.75	54.0	36	19	32	S
17 - L - 050	17	AF	51.54	50.78	57.0	36	19	32	S
18 - L - 050	18	AF	54.57	53.81	60.0	40	19	32	S
19 - L - 050	19	AF	57.61	56.85	64.0	40	19	32	S
20 - L - 050	20	AF	60.64	59.88	66.5	40	19	32	S
21 - L - 050	21	AF	63.67	62.91	70.0	45	19	32	S
22 - L - 050	22	AF	66.70	65.94	75.0	45	19	32	S
23 - L - 050	23	AF	69.73	68.97	79.0	55	19	32	S
24 - L - 050	24	AF	72.77	72.01	79.0	55	19	32	S
25 - L - 050	25	AF	75.80	75.04	82.5	58	19	32	S
26 - L - 050	26	AF	78.83	78.07	86.0	58	19	32	S
27 - L - 050	27	AF	81.86	81.10	86.0	58	19	32	S
28 - L - 050	28	AF	84.89	84.13	91.0	58	19	32	S
29 - L - 050	29	AF	87.93	87.17	94.0	58	19	32	S
30 - L - 050	30	AF	90.96	90.20	97.0	70	19	32	S
32 - L - 050	32	AF	97.02	96.26	102.0	70	19	32	S
33 - L - 050	33	AF	100.05	99.29	106.0	70	19	32	S
34 - L - 050	34	AF	103.08	102.32	112.0	70	19	32	S
35 - L - 050	35	AF	106.12	105.36	112.0	70	19	32	S
36 - L - 050	36	AF	109.15	108.39	115.0	70	19	32	S
40 - L - 050	40	BF	121.28	120.52	128.0	70	19	32	S
41 - L - 050	41	BF	124.31	123.55	135.0	70	19	32	S
42 - L - 050	42	BF	127.34	126.58	135.0	70	19	32	S
44 - L - 050	44	BF	133.40	132.64	142.0	70	19	32	S
45 - L - 050	45	BF	136.44	135.68	142.0	70	19	32	S
47 - L - 050	47	BF	142.50	141.74	150.0	70	19	32	S
48 - L - 050	48	BF	145.53	144.76	150.0	70	19	32	S
50 - L - 050	50	B	151.60	150.84	-	70	19	32	CI
52 - L - 050	52	B	157.66	156.90	-	70	19	32	CI
56 - L - 050	56	B	169.79	169.03	-	70	19	32	CI
57 - L - 050	57	B	172.82	172.06	-	70	19	32	CI
60 - L - 050	60	B	181.91	181.15	-	75	19	42	CI
72 - L - 050	72	C	218.30	217.54	-	75	19	42	CI
84 - L - 050	84	C	254.68	253.92	-	75	19	42	CI
90 - L - 050	90	C	272.87	272.11	-	75	19	42	CI



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

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

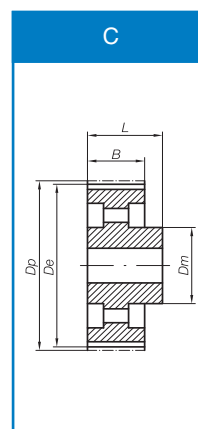
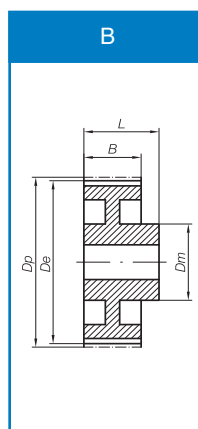
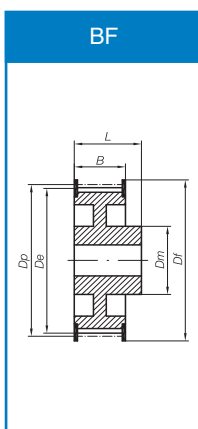
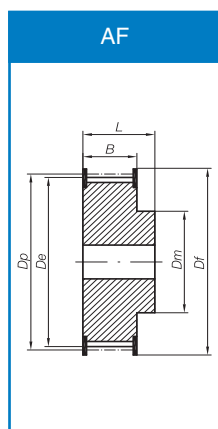
*Cast Iron items may be manufactured from steel depending upon current production availability. This may cause slight variations to non-critical dimensions. Please inform us at order placement if you are unable to accept this variation.

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. All dimensions in millimetres unless otherwise stated.

Timing Pilot Bore

L - 3/8" (9.525 mm) pitch
L075 - 0.75" (19.05 mm) wide belts

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
10 - L - 075	10	AF	30.32	29.56	37.0	20	25.4	38	S
11 - L - 075	11	AF	33.35	32.59	37.0	22	25.4	38	S
12 - L - 075	12	AF	36.38	35.62	43.0	24	25.4	38	S
13 - L - 075	13	AF	39.41	38.65	44.0	28	25.4	38	S
14 - L - 075	14	AF	42.45	41.69	48.0	28	25.4	38	S
15 - L - 075	15	AF	45.48	44.72	51.0	34	25.4	38	S
16 - L - 075	16	AF	48.51	47.75	54.0	36	25.4	38	S
17 - L - 075	17	AF	51.54	50.78	57.0	36	25.4	38	S
18 - L - 075	18	AF	54.57	53.81	60.0	40	25.4	38	S
19 - L - 075	19	AF	57.61	56.85	64.0	40	25.4	38	S
20 - L - 075	20	AF	60.64	59.88	66.5	40	25.4	38	S
21 - L - 075	21	AF	63.67	62.91	70.0	45	25.4	38	S
22 - L - 075	22	AF	66.70	65.94	75.0	45	25.4	38	S
23 - L - 075	23	AF	69.73	68.97	79.0	55	25.4	38	S
24 - L - 075	24	AF	72.77	72.01	79.0	55	25.4	38	S
25 - L - 075	25	AF	75.80	75.04	82.5	58	25.4	38	S
26 - L - 075	26	AF	78.83	78.07	86.0	58	25.4	38	S
27 - L - 075	27	AF	81.86	81.10	86.0	58	25.4	38	S
28 - L - 075	28	AF	84.89	84.13	91.0	58	25.4	38	S
29 - L - 075	29	AF	87.93	87.17	94.0	58	25.4	38	S
30 - L - 075	30	AF	90.96	90.20	97.0	70	25.4	38	S
32 - L - 075	32	AF	97.02	96.26	102.0	70	25.4	38	S
33 - L - 075	33	AF	100.05	99.29	106.0	70	25.4	38	S
34 - L - 075	34	AF	103.08	102.32	112.0	70	25.4	38	S
35 - L - 075	35	AF	106.12	105.36	112.0	70	25.4	38	S
36 - L - 075	36	AF	109.15	108.39	115.0	70	25.4	38	S
40 - L - 075	40	BF	121.28	120.52	128.0	70	25.4	38	S
41 - L - 075	41	BF	124.31	123.55	135.0	70	25.4	38	S
42 - L - 075	42	BF	127.34	126.58	135.0	70	25.4	38	S
44 - L - 075	44	BF	133.40	132.64	142.0	70	25.4	38	S
45 - L - 075	45	BF	136.44	135.68	142.0	70	25.4	38	S
47 - L - 075	47	BF	142.50	141.74	150.0	70	25.4	38	S
48 - L - 075	48	BF	145.53	144.76	150.0	70	25.4	38	S
50 - L - 075	50	B	151.60	150.84	-	70	25.4	38	CI
52 - L - 075	52	B	157.66	156.90	-	70	25.4	38	CI
56 - L - 075	56	B	169.79	169.03	-	70	25.4	38	CI
57 - L - 075	57	B	172.82	172.06	-	70	25.4	38	CI
60 - L - 075	60	B	181.91	181.15	-	75	25.4	45	CI
72 - L - 075	72	C	218.30	217.54	-	75	25.4	45	CI
84 - L - 075	84	C	254.68	253.92	-	75	25.4	45	CI
90 - L - 075	90	C	272.87	272.11	-	75	25.4	45	CI



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

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.

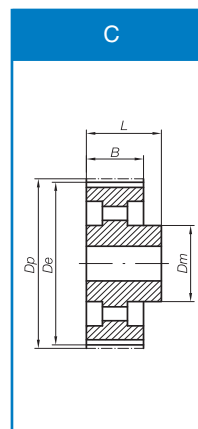
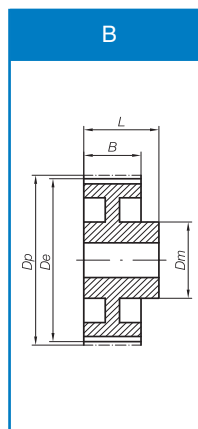
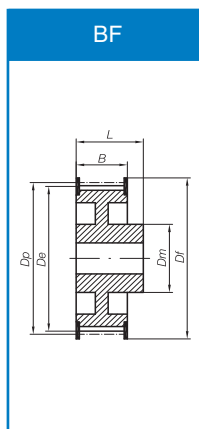
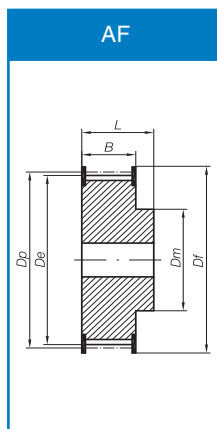
All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused

Timing Pilot Bore

L - 3/8" (9.525 mm) pitch

L100 - 1.00" (25.4mm) wide belts

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
10 - L - 100	10	AF	30.32	29.56	37.0	20	31.8	45	S
11 - L - 100	11	AF	33.35	32.59	37.0	22	31.8	45	S
12 - L - 100	12	AF	36.38	35.62	43.0	24	31.8	45	S
13 - L - 100	13	AF	39.41	38.65	44.0	28	31.8	45	S
14 - L - 100	14	AF	42.45	41.69	48.0	28	31.8	45	S
15 - L - 100	15	AF	45.48	44.72	51.0	34	31.8	45	S
16 - L - 100	16	AF	48.51	47.75	54.0	36	31.8	45	S
17 - L - 100	17	AF	51.54	50.78	57.0	36	31.8	45	S
18 - L - 100	18	AF	54.57	53.81	60.0	40	31.8	45	S
19 - L - 100	19	AF	57.61	56.85	64.0	40	31.8	45	S
20 - L - 100	20	AF	60.64	59.88	66.5	40	31.8	45	S
21 - L - 100	21	AF	63.67	62.91	70.0	45	31.8	45	S
22 - L - 100	22	AF	66.70	65.94	75.0	45	31.8	45	S
23 - L - 100	23	AF	69.73	68.97	79.0	55	31.8	45	S
24 - L - 100	24	AF	72.77	72.01	79.0	55	31.8	45	S
25 - L - 100	25	AF	75.80	75.04	82.5	58	31.8	45	S
26 - L - 100	26	AF	78.83	78.07	86.0	58	31.8	45	S
27 - L - 100	27	AF	81.86	81.10	86.0	58	31.8	45	S
28 - L - 100	28	AF	84.89	84.13	91.0	58	31.8	45	S
29 - L - 100	29	AF	87.93	87.17	94.0	58	31.8	45	S
30 - L - 100	30	AF	90.96	90.20	97.0	70	31.8	45	S
32 - L - 100	32	AF	97.02	96.26	102.0	70	31.8	45	S
33 - L - 100	33	AF	100.05	99.29	106.0	70	31.8	45	S
34 - L - 100	34	AF	103.08	102.32	112.0	70	31.8	45	S
35 - L - 100	35	AF	106.12	105.36	112.0	70	31.8	45	S
36 - L - 100	36	AF	109.15	108.39	115.0	70	31.8	45	S
40 - L - 100	40	BF	121.28	120.52	128.0	70	31.8	45	S
41 - L - 100	41	BF	124.31	123.55	135.0	70	31.8	45	S
42 - L - 100	42	BF	127.34	126.58	135.0	70	31.8	45	S
44 - L - 100	44	BF	133.40	132.64	142.0	70	31.8	45	S
45 - L - 100	45	BF	136.44	135.68	142.0	70	31.8	45	S
47 - L - 100	47	BF	142.50	141.74	150.0	70	31.8	45	S
48 - L - 100	48	BF	145.53	144.76	150.0	70	31.8	45	S
50 - L - 100	50	B	151.60	150.84	-	70	31.8	45	CI
52 - L - 100	52	B	157.66	156.90	-	70	31.8	45	CI
56 - L - 100	56	B	169.79	169.03	-	70	31.8	45	CI
57 - L - 100	57	B	172.82	172.06	-	70	31.8	45	CI
60 - L - 100	60	B	181.91	181.15	-	75	31.8	50	CI
72 - L - 100	72	C	218.30	217.54	-	75	31.8	50	CI
84 - L - 100	84	C	254.68	253.92	-	75	31.8	50	CI
90 - L - 100	90	C	272.87	272.11	-	75	31.8	50	CI



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

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.

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. All dimensions in millimetres unless otherwise stated.