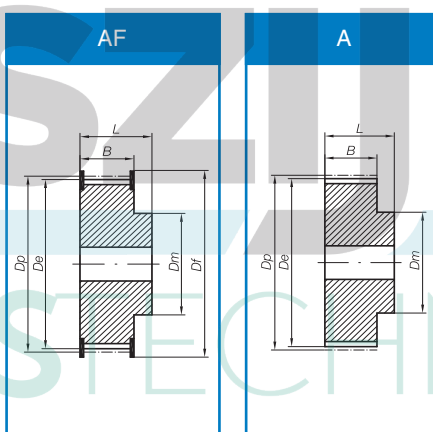


Metric Timing Pilot Bore

AT10 Pitch = 10mm Belt Width = 25mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
15 - AT10 - 25	15	AF	47.75	45.90	45.9	31	30	40	AL
16 - AT10 - 25	16	AF	50.93	49.08	49.1	35	30	40	AL
18 - AT10 - 25	18	AF	57.30	55.45	55.5	40	30	40	AL
19 - AT10 - 25	19	AF	60.48	58.63	58.6	44	30	40	AL
20 - AT10 - 25	20	AF	63.66	61.81	61.8	46	30	40	AL
22 - AT10 - 25	22	AF	70.03	68.18	68.2	52	30	40	AL
24 - AT10 - 25	24	AF	76.39	74.55	74.6	58	30	40	AL
25 - AT10 - 25	25	AF	79.58	77.73	77.7	60	30	40	AL
26 - AT10 - 25	26	AF	82.76	80.91	80.9	60	30	40	AL
27 - AT10 - 25	27	AF	85.94	84.10	84.1	60	30	40	AL
28 - AT10 - 25	28	AF	89.13	87.28	87.3	60	30	40	AL
30 - AT10 - 25	30	AF	95.49	93.65	93.7	60	30	40	AL
32 - AT10 - 25	32	AF	101.86	100.01	100.0	65	30	40	AL
36 - AT10 - 25	36	AF	114.59	112.74	112.7	70	30	40	AL
40 - AT10 - 25	40	AF	127.32	125.48	125.5	80	30	40	AL
44 - AT10 - 25	44	A	140.06	138.21	138.2	88	30	40	AL
48 - AT10 - 25	48	A	152.79	150.94	150.9	95	30	40	AL
60 - AT10 - 25	60	A	190.99	189.14	189.1	110	30	40	AL



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

AT10 Pitch = 10mm Belt Width = 32mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
18 - AT10 - 32	18	AF	57.30	55.45	60.0	40	37	47	AL
19 - AT10 - 32	19	AF	60.48	58.63	66.0	44	37	47	AL
20 - AT10 - 32	20	AF	63.66	61.81	66.0	46	37	47	AL
22 - AT10 - 32	22	AF	70.03	68.18	75.0	52	37	47	AL
24 - AT10 - 32	24	AF	76.39	74.55	83.0	58	37	47	AL
25 - AT10 - 32	25	AF	79.58	77.73	83.0	60	37	47	AL
26 - AT10 - 32	26	AF	82.76	80.91	87.0	60	37	47	AL
27 - AT10 - 32	27	AF	85.94	84.10	91.0	60	37	47	AL
28 - AT10 - 32	28	AF	89.13	87.28	93.0	60	37	47	AL
30 - AT10 - 32	30	AF	95.49	93.65	97.0	60	37	47	AL
32 - AT10 - 32	32	AF	101.86	100.01	106.0	65	37	47	AL
36 - AT10 - 32	36	AF	114.59	112.74	119.0	70	37	47	AL
40 - AT10 - 32	40	AF	127.32	125.48	131.0	80	37	47	AL
44 - AT10 - 32	44	A	140.06	138.21	-	88	37	47	AL
48 - AT10 - 32	48	A	152.79	150.94	-	95	37	47	AL
60 - AT10 - 32	60	A	190.99	189.14	-	110	37	47	AL

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

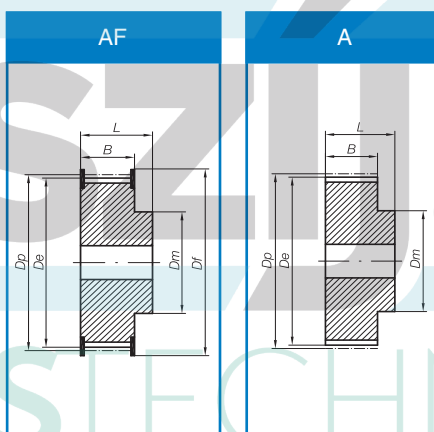
*Cast Iron items may be manufactured from steel depending upon current production availability. This may cause slight variations to non-critical dimensions. Please inform us at order placement if you are unable to accept this variation.

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.

Metric Timing Pilot Bore

AT10 Pitch = 10mm Belt Width = 50mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
18 - AT10 - 50	18	AF	57.30	55.45	60.0	40	56	66	AL
19 - AT10 - 50	19	AF	60.48	58.63	66.0	44	56	66	AL
20 - AT10 - 50	20	AF	63.66	61.81	66.0	46	56	66	AL
22 - AT10 - 50	22	AF	70.03	68.18	75.0	52	56	66	AL
24 - AT10 - 50	24	AF	76.39	74.55	83.0	58	56	66	AL
25 - AT10 - 50	25	AF	79.58	77.73	83.0	60	56	66	AL
26 - AT10 - 50	26	AF	82.76	80.91	87.0	60	56	66	AL
27 - AT10 - 50	27	AF	85.94	84.10	91.0	60	56	66	AL
28 - AT10 - 50	28	AF	89.13	87.28	93.0	60	56	66	AL
30 - AT10 - 50	30	AF	95.49	93.65	97.0	60	56	66	AL
32 - AT10 - 50	32	AF	101.86	100.01	106.0	65	56	66	AL
36 - AT10 - 50	36	AF	114.59	112.74	119.0	70	56	66	AL
40 - AT10 - 50	40	AF	127.32	125.48	131.0	80	56	66	AL
44 - AT10 - 50	44	A	140.06	138.21	-	88	56	66	AL
48 - AT10 - 50	48	A	152.79	150.94	-	95	56	66	AL
60 - AT10 - 50	60	A	190.99	189.14	-	110	56	66	AL



Material

AL = Aluminium
CI* = Cast iron
S = Steel

AT20 Pitch = 20mm Belt Width = 32mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
18 - AT20 - 32	18	AF	114.59	111.73	119.0	80	42	53	AL
20 - AT20 - 32	20	AF	127.32	124.47	138.0	90	42	53	AL
22 - AT20 - 32	22	AF	140.06	137.20	145.0	90	42	53	AL
24 - AT20 - 32	24	AF	152.79	149.93	162.0	95	42	53	AL
25 - AT20 - 32	25	AF	159.15	156.30	168.0	95	42	53	AL
30 - AT20 - 32	30	AF	190.99	188.13	200.0	110	42	53	AL
32 - AT20 - 32	32	A	203.72	200.86	-	110	42	53	AL
36 - AT20 - 32	36	A	229.18	226.33	-	110	42	53	AL
40 - AT20 - 32	40	A	254.65	251.80	-	110	42	53	AL
48 - AT20 - 32	48	A	305.58	302.73	-	130	42	53	AL
60 - AT20 - 32	60	A	381.97	379.12	-	130	42	53	AL

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