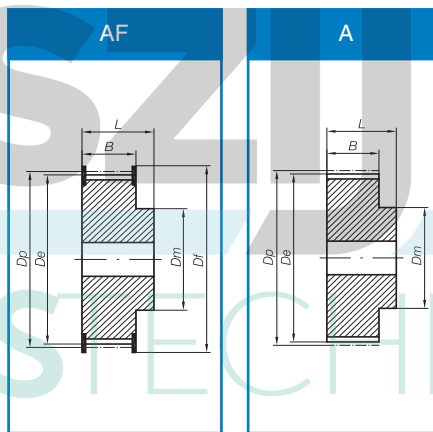


Metric Timing Pilot Bore

T10 Pitch = 10mm Belt Width = 16mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
12 - T10 - 16	12	AF	38.20	36.35	42.0	28	21	31	AL
14 - T10 - 16	14	AF	44.56	42.71	48.0	32	21	31	AL
15 - T10 - 16	15	AF	47.75	45.90	51.0	32	21	31	AL
16 - T10 - 16	16	AF	50.93	49.08	54.0	35	21	31	AL
18 - T10 - 16	18	AF	57.30	55.45	60.0	40	21	31	AL
19 - T10 - 16	19	AF	60.48	58.63	66.0	44	21	31	AL
20 - T10 - 16	20	AF	63.66	61.81	66.0	46	21	31	AL
22 - T10 - 16	22	AF	70.03	68.18	75.0	52	21	31	AL
24 - T10 - 16	24	AF	76.39	74.55	83.0	58	21	31	AL
25 - T10 - 16	25	AF	79.58	77.73	83.0	60	21	31	AL
26 - T10 - 16	26	AF	82.76	80.91	87.0	60	21	31	AL
27 - T10 - 16	27	AF	85.94	84.10	91.0	60	21	31	AL
28 - T10 - 16	28	AF	89.13	87.28	93.0	60	21	31	AL
30 - T10 - 16	30	AF	95.49	93.65	97.0	60	21	31	AL
32 - T10 - 16	32	AF	101.86	100.01	106.0	65	21	31	AL
36 - T10 - 16	36	AF	114.59	112.74	119.0	70	21	31	AL
40 - T10 - 16	40	AF	127.32	125.48	131.0	80	21	31	AL
44 - T10 - 16	44	A	140.06	138.21	-	88	21	31	AL
48 - T10 - 16	48	A	152.79	150.94	-	95	21	31	AL
60 - T10 - 16	60	A	190.99	189.14	-	110	21	31	AL



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

T10 Pitch = 10mm Belt Width = 25mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
12 - T10 - 25	12	AF	38.20	36.35	42.0	28	30	40	AL
14 - T10 - 25	14	AF	44.56	42.71	48.0	32	30	40	AL
15 - T10 - 25	15	AF	47.75	45.90	51.0	32	30	40	AL
16 - T10 - 25	16	AF	50.93	49.08	54.0	35	30	40	AL
18 - T10 - 25	18	AF	57.30	55.45	60.0	40	30	40	AL
19 - T10 - 25	19	AF	60.48	58.63	66.0	44	30	40	AL
20 - T10 - 25	20	AF	63.66	61.81	66.0	46	30	40	AL
22 - T10 - 25	22	AF	70.03	68.18	75.0	52	30	40	AL
24 - T10 - 25	24	AF	76.39	74.55	83.0	58	30	40	AL
25 - T10 - 25	25	AF	79.58	77.73	83.0	60	30	40	AL
26 - T10 - 25	26	AF	82.76	80.91	87.0	60	30	40	AL
27 - T10 - 25	27	AF	85.94	84.10	91.0	60	30	40	AL
28 - T10 - 25	28	AF	89.13	87.28	93.0	60	30	40	AL
30 - T10 - 25	30	AF	95.49	93.65	97.0	60	30	40	AL
32 - T10 - 25	32	AF	101.86	100.01	106.0	65	30	40	AL
36 - T10 - 25	36	AF	114.59	112.74	119.0	70	30	40	AL
40 - T10 - 25	40	AF	127.32	125.48	131.0	80	30	40	AL
44 - T10 - 25	44	A	140.06	138.21	-	88	30	40	AL
48 - T10 - 25	48	A	152.79	150.94	-	95	30	40	AL
60 - T10 - 25	60	A	190.99	189.14	-	110	30	40	AL

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

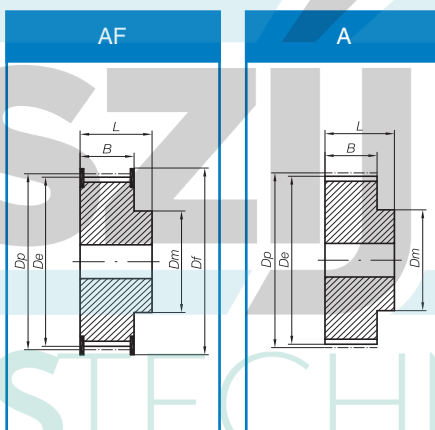
*Cast Iron items may be manufactured from steel depending upon current production availability. This may cause slight variations to non-critical dimensions. Please inform us at order placement if you are unable to accept this variation.

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

T10 Pitch = 10mm Belt Width = 32mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
18 - T10 - 32	18	AF	57.30	55.45	60.0	40	37	47	AL
19 - T10 - 32	19	AF	60.48	58.63	66.0	44	37	47	AL
20 - T10 - 32	20	AF	63.66	61.81	66.0	46	37	47	AL
22 - T10 - 32	22	AF	70.03	68.18	75.0	52	37	47	AL
24 - T10 - 32	24	AF	76.39	74.55	83.0	58	37	47	AL
25 - T10 - 32	25	AF	79.58	77.73	83.0	60	37	47	AL
26 - T10 - 32	26	AF	82.76	80.91	87.0	60	37	47	AL
27 - T10 - 32	27	AF	85.94	84.10	91.0	60	37	47	AL
28 - T10 - 32	28	AF	89.13	87.28	93.0	60	37	47	AL
30 - T10 - 32	30	AF	95.49	93.65	97.0	60	37	47	AL
32 - T10 - 32	32	AF	101.86	100.01	106.0	65	37	47	AL
36 - T10 - 32	36	AF	114.59	112.74	119.0	70	37	47	AL
40 - T10 - 32	40	AF	127.32	125.48	131.0	80	37	47	AL
44 - T10 - 32	44	A	140.06	138.21	-	88	37	47	AL
48 - T10 - 32	48	A	152.79	150.94	-	95	37	47	AL
60 - T10 - 32	60	A	190.99	189.14	-	110	37	47	AL



Material

AL = Aluminium

CI* = Cast iron

S = Steel

T10 Pitch = 10mm Belt Width = 50mm

Code	Teeth	Type	Dp	De	Df	Dm	B	L	Material
18 - T10 - 50	18	AF	57.30	55.45	60.0	40	56	66	AL
19 - T10 - 50	19	AF	60.48	58.63	66.0	44	56	66	AL
20 - T10 - 50	20	AF	63.66	61.81	66.0	46	56	66	AL
22 - T10 - 50	22	AF	70.03	68.18	75.0	52	56	66	AL
24 - T10 - 50	24	AF	76.39	74.55	83.0	58	56	66	AL
25 - T10 - 50	25	AF	79.58	77.73	83.0	60	56	66	AL
26 - T10 - 50	26	AF	82.76	80.91	87.0	60	56	66	AL
27 - T10 - 50	27	AF	85.94	84.10	91.0	60	56	66	AL
28 - T10 - 50	28	AF	89.13	87.28	93.0	60	56	66	AL
30 - T10 - 50	30	AF	95.49	93.65	97.0	60	56	66	AL
32 - T10 - 50	32	AF	101.86	100.01	106.0	65	56	66	AL
36 - T10 - 50	36	AF	114.59	112.74	119.0	70	56	66	AL
40 - T10 - 50	40	AF	127.32	125.48	131.0	80	56	66	AL
44 - T10 - 50	44	A	140.06	138.21	-	88	56	66	AL
48 - T10 - 50	48	A	152.79	150.94	-	95	56	66	AL
60 - T10 - 50	60	A	190.99	189.14	-	110	56	66	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.

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