Timing Pilot Bore

Extra Light (XL) - 1/5” (5.08 mm) pitch

XL037 - 3/8” (9.5 mm) wide belts

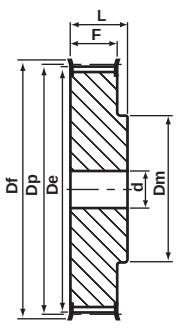
Product	Type	De	Dp	Df	Dm	F	L	d
10-XL-037	S3F	16	16.17	23	10	14.4	20	6
11-XL-037	S3F	17	17.79	23	10	14.4	20	6
12-XL-037	S3F	19	19.40	25	10	14.4	20	6
13-XL-037	S3F	21	21.02	25	10	14.4	20	6
14-XL-037	S3F	22	22.64	28	15	14.4	20	6
15-XL-037	S3F	24	24.26	28	16	14.4	20	6
16-XL-037	S3F	25	25.87	32	20	14.4	20	6
17-XL-037	S3F	27	27.49	32	20	14.4	20	6
18-XL-037	S3F	29	29.11	35	20	14.4	20	6
19-XL-037	S3F	30	30.72	35	24	14.4	22	6
20-XL-037	S3F	32	32.34	38	24	14.4	22	6
21-XL-037	S3F	33	34.96	38	25	14.4	22	6
22-XL-037	S3F	35	35.57	41	25	14.4	22	6
23-XL-037	S3F	37	37.19	41	30	14.4	22	8
24-XL-037	S3F	38	38.81	44	30	14.4	22	8
25-XL-037	S3F	40	40.43	44	30	14.4	22	8
26-XL-037	S3F	42	42.04	48	34	14.4	22	8
27-XL-037	S3F	43	43.66	48	34	14.4	22	8
28-XL-037	S3F	45	45.28	51	38	14.4	22	8
29-XL-037	S3F	47	46.90	51	38	14.4	22	8
30-XL-037	S3F	48	48.51	54	38	14.4	22	8
32-XL-037	S3F	51	51.74	57	38	14.4	25	8
34-XL-037	S3F	54	55.98	61	45	14.4	25	8
35-XL-037	S3F	56	56.60	61	45	14.4	25	8
36-XL-037	S3	58	58.21	-	45	14.4	25	8
38-XL-037	S3	61	61.45	-	45	14.4	25	8
39-XL-037	S3	63	63.06	-	45	14.4	25	8
40-XL-037	S3	64	64.68	-	45	14.4	25	8
42-XL-037	S3	67	67.91	-	45	14.4	25	8
44-XL-037	S3	71	71.15	-	45	14.4	25	8
45-XL-037	S3	72	72.77	-	45	14.4	25	10
48-XL-037	P3	77	77.62	-	45	14.4	25	10
52-XL-037	P3	84	84.08	-	45	14.4	25	10
56-XL-037	P3	90	90.55	-	45	14.4	25	10
57-XL-037	P3	92	92.17	-	45	14.4	25	10
60-XL-037	P3	97	97.02	-	45	14.4	25	10
68-XL-037	P3	109	109.96	-	45	14.4	25	10
70-XL-037	P3	113	113.19	-	45	14.4	25	10
72-XL-037	P3	116	116.42	-	45	14.4	25	10

Light (L) - 3/8” (9.525 mm) pitch

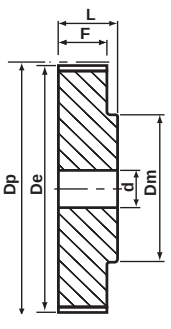
L050 - 1/2” (13 mm) wide belts

Product	Type	De	Dp	Df	Dm	F	L	d
10-L-050	S3F	30	30.33	37	20	19	28	8
11-L-050	S3F	33	33.35	37	22	19	30	8
12-L-050	S3F	36	36.37	43	24	19	30	8
13-L-050	S3F	39	39.41	43	28	19	30	8
14-L-050	S3F	42	42.44	48	28	19	30	10
15-L-050	S3F	45	45.48	51	34	19	30	10
16-L-050	S3F	48	48.51	54	36	19	32	10
17-L-050	S3F	51	51.54	57	36	19	32	10
18-L-050	S3F	54	54.59	60	40	19	32	10
19-L-050	S3F	57	57.61	64	40	19	32	10
20-L-050	S3F	60	60.63	67	40	19	32	10
21-L-050	S3F	63	63.68	70	45	19	32	10
22-L-050	S3F	66	66.70	75	45	19	32	10
23-L-050	S3F	69	69.73	79	55	19	32	10
24-L-050	S3F	72	72.77	79	55	19	32	10
25-L-050	S3F	75	75.80	83	58	19	32	10
26-L-050	S3F	78	78.84	86	58	19	32	12
27-L-050	S3F	81	81.86	87	58	19	32	12
28-L-050	S3F	84	84.89	91	58	19	32	12
30-L-050	S3F	90	91.96	97	70	19	32	12
32-L-050	S3F	96	97.03	102	70	19	32	12
33-L-050	S3F	99	100.05	106	70	19	32	12
34-L-050	S3F	102	103.08	112	70	19	32	12
35-L-050	S3F	105	106.12	112	70	19	32	12
36-L-050	S3F	108	109.14	115	70	19	32	12
40-L-050	S3F	121	121.29	128	70	19	32	12
42-L-050	S3F	127	127.34	135	70	19	32	12
44-L-050	S3F	133	133.40	142	70	19	32	12
45-L-050	S3F	136	136.44	142	70	19	32	12
48-L-050	S3F	145	145.54	150	70	19	32	12
50-L-050	A3	151	151.60	-	70	19	32	12
56-L-050	A3	169	169.79	-	70	19	32	14
57-L-050	A3	172	172.82	-	70	19	32	14
60-L-050	A3	181	181.92	-	75	19	42	14
68-L-050	A3	205	206.18	-	75	19	42	14
70-L-050	A3	211	212.24	-	75	19	42	14
72-L-050	A3	218	218.29	-	75	19	42	14
84-L-050	A3	254	254.69	-	75	19	42	14
96-L-050	A3	290	291.06	-	75	19	42	14

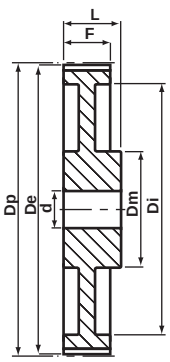
S3F



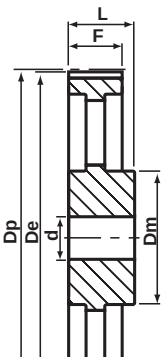
S3



P3



A3



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

Light (L) - 3/8" (9.525 mm) pitch

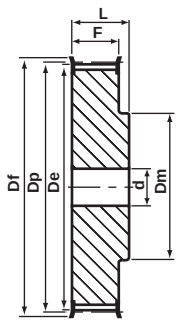
L075 - 3/4" (19 mm) wide belts

Product	Type	De	Dp	Df	Dm	F	L	d
10-L-075	S3F	30	30.33	37	20	25.4	38	8
11-L-075	S3F	33	33.35	37	22	25.4	38	8
12-L-075	S3F	36	36.37	43	24	25.4	38	8
13-L-075	S3F	39	39.41	43	28	25.4	38	8
14-L-075	S3F	42	42.44	48	28	25.4	38	12
15-L-075	S3F	45	45.48	51	34	25.4	38	12
16-L-075	S3F	45	48.51	54	36	25.4	38	12
17-L-075	S3F	51	51.54	57	36	25.4	38	12
18-L-075	S3F	54	54.59	60	40	25.4	38	12
19-L-075	S3F	57	57.61	64	40	25.4	38	12
20-L-075	S3F	60	60.63	67	40	25.4	38	12
21-L-075	S3F	63	63.68	70	45	25.4	38	12
22-L-075	S3F	66	66.70	75	45	25.4	38	12
23-L-075	S3F	69	69.73	79	55	25.4	38	12
24-L-075	S3F	72	72.77	79	55	25.4	38	12
25-L-075	S3F	75	75.80	83	58	25.4	38	12
26-L-075	S3F	78	78.84	86	58	25.4	38	12
27-L-075	S3F	81	81.86	87	58	25.4	38	12
28-L-075	S3F	84	84.89	91	58	25.4	38	12
30-L-075	S3F	90	90.96	97	70	25.4	38	12
32-L-075	S3F	96	97.03	102	70	25.4	38	12
33-L-075	S3F	99	100.05	106	70	25.4	38	12
34-L-075	S3F	102	103.08	112	70	25.4	38	12
35-L-075	S3F	105	106.12	112	70	25.4	38	12
36-L-075	S3F	108	109.14	115	70	25.4	38	12
38-L-075	S3F	114	115.22	120	70	25.4	38	12
40-L-075	S3F	121	121.29	128	70	25.4	38	12
42-L-075	S3F	127	127.34	135	70	25.4	38	12
44-L-075	S3F	133	133.40	142	70	25.4	38	12
45-L-075	S3F	136	136.44	142	70	25.4	38	12
48-L-075	S3F	145	145.54	150	70	25.4	38	12
50-L-075	A3	151	151.60	-	70	25.4	38	14
52-L-075	A3	157	157.66	-	70	25.4	38	14
56-L-075	A3	169	169.79	-	70	25.4	38	14
57-L-075	A3	172	172.82	-	70	25.4	38	14
60-L-075	A3	181	181.92	-	75	25.4	38	14
70-L-075	A3	211	212.23	-	75	25.4	45	14
72-L-075	A3	218	218.29	-	75	25.4	45	14
84-L-075	A3	254	254.69	-	75	25.4	45	14
96-L-075	A3	290	291.06	-	75	25.4	45	14

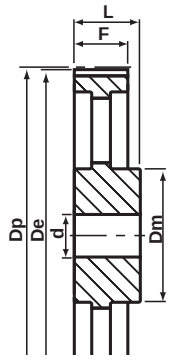
L100 - 1" (25 mm) wide belts

Product	Type	De	Dp	Df	Dm	F	L	d
10-L-100	S3F	30	30.33	37	20	32	45	8
11-L-100	S3F	33	33.35	37	22	32	45	8
12-L-100	S3F	36	36.37	43	24	32	45	8
13-L-100	S3F	39	39.41	43	28	32	45	8
14-L-100	S3F	42	42.44	48	28	32	45	12
15-L-100	S3F	45	45.48	51	34	32	45	12
16-L-100	S3F	48	48.51	54	36	32	45	12
17-L-100	S3F	51	51.54	57	36	32	45	12
18-L-100	S3F	54	54.59	60	40	32	45	12
19-L-100	S3F	57	57.61	64	40	32	45	12
20-L-100	S3F	60	60.63	67	40	32	45	12
21-L-100	S3F	63	63.68	70	45	32	45	14
22-L-100	S3F	66	66.70	75	45	32	45	14
23-L-100	S3F	69	69.73	79	55	32	45	14
24-L-100	S3F	72	72.77	79	55	32	45	14
25-L-100	S3F	75	75.80	83	58	32	45	14
26-L-100	S3F	78	78.84	86	58	32	45	14
27-L-100	S3F	81	81.86	87	58	32	45	14
28-L-100	S3F	84	84.89	91	58	32	45	14
30-L-100	S3F	90	90.96	97	70	32	45	14
32-L-100	S3F	96	97.03	102	70	32	45	14
33-L-100	S3F	99	100.05	106	70	32	45	14
34-L-100	S3F	102	103.08	112	70	32	45	14
35-L-100	S3F	105	106.12	112	70	32	45	14
36-L-100	S3F	108	109.14	115	70	32	45	14
40-L-100	S3F	121	121.29	128	70	32	45	14
42-L-100	S3F	127	127.34	135	70	32	45	14
44-L-100	S3F	133	133.40	142	70	32	45	14
45-L-100	S3F	136	136.44	142	70	32	45	14
48-L-100	S3F	145	145.54	150	70	32	45	14
50-L-100	A3	151	151.60	-	70	32	45	14
52-L-100	A3	157	157.66	-	70	32	45	14
56-L-100	A3	169	169.79	-	70	32	45	14
57-L-100	A3	172	172.82	-	70	32	45	14
60-L-100	A3	181	181.92	-	75	32	45	14
68-L-100	A3	205	206.17	-	75	32	45	14
72-L-100	A3	218	218.29	-	75	32	45	14
84-L-100	A3	254	254.69	-	75	32	45	14
96-L-100	A3	290	291.06	-	75	32	45	14

S3F



A3



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