Synchronous Pulleys - Pilot Bore, Bushed

XL - Series - 1/5” Pitch x 3/8” Belt Width

Part No: 20XL037N

20 = No. of Teeth
XL = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
037 = Width of Belt (.375”)
N = Pilot Bore

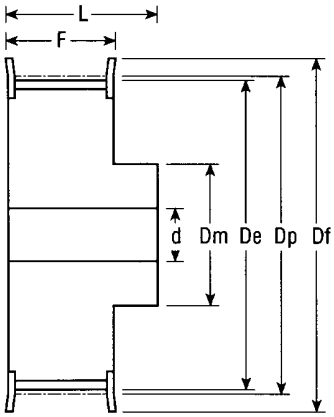

Fig 6F

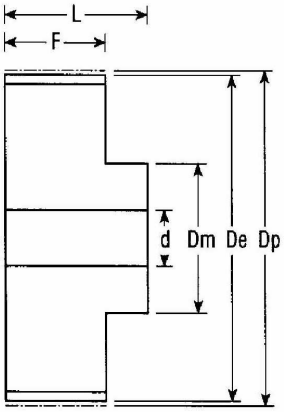

Fig 6

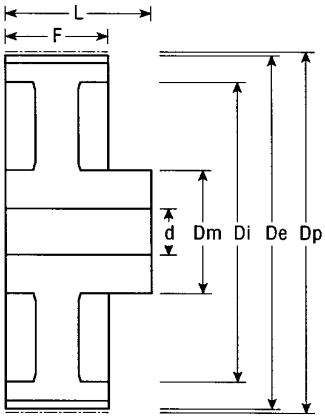

Fig 6W

Dimensions in **inches**

Part No.	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	F	L	Pilot Bore	Max Bore	Wt. kg
10XL037N	**10**	0.375	ST	6F	0.637	0.62	0.91	0.37	0.56	0.78	0.20	0.25	0.02
11XL037N	**11**	0.375	ST	6F	0.700	0.68	0.91	0.37	0.56	0.78	0.20	0.25	0.02
12XL037N	**12**	0.375	ST	6F	0.764	074	0.98	0.50	0.56	0.78	0.20	0.32	0.03
14XL037N	**14**	0.375	ST	6F	0.891	0.87	1.10	0.56	0.56	0.78	0.24	0.37	0.04
15XL037N	**15**	0.375	ST	6F	0.955	0.94	1.10	0.63	0.56	0.78	0.24	0.44	0.04
16XL037N	**16**	0.375	ST	6F	1.019	1.00	1.26	0.69	0.56	0.78	0.24	0.50	0.05
18XL037N	**18**	0.375	ST	6F	1.146	1.13	1.42	0.81	0.56	0.78	0.24	0.56	0.06
20XL037N	**20**	0.375	ST	6F	1.273	1.25	1.50	0.94	0.56	0.87	0.24	0.69	0.08
21XL037N	**21**	0.375	ST	6F	1.337	1.32	1.50	0.94	0.56	0.87	0.24	0.69	0.09
22XL037N	**22**	0.375	ST	6F	1.400	1.38	1.65	1.00	0.56	0.87	0.24	0.75	0.10
24XL037N	**24**	0.375	ST	6F	1.528	1.51	1.73	1.06	0.56	0.87	0.24	0.81	0.10
26XL037N	**26**	0.375	ST	6F	1.655	1.64	1.89	1.18	0.56	0.87	0.24	0.91	0.10
28XL037N	**28**	0.375	ST	6F	1.783	1.76	2.01	1.19	0.56	0.87	0.24	0.91	0.20
30XL037N	**30**	0.375	ST	6F	1.910	1.89	2.13	1.37	0.56	0.87	0.24	0.91	0.20
32XL037N	**32**	0.375	AL	6	2.037	2.02	—	1.50	0.56	1.00	0.31	0.91	0.10
36XL037N	**36**	0.375	AL	6	2.292	2.27	—	1.50	0.56	1.00	0.31	0.91	0.10
40XL037N	**40**	0.375	AL	6	2.546	2.53	—	1.50	0.56	1.00	0.31	0.91	0.20
42XL037N	**42**	0.375	AL	6W	2.674	2.65	—	1.50	0.56	1.00	0.31	0.91	0.10
44XL037N	**44**	0.375	AL	6W	2.801	2.78	—	1.50	0.56	1.00	0.31	0.91	0.20
48XL037N	**48**	0.375	AL	6W	3.056	3.04	—	1.50	0.56	1.00	0.31	0.91	0.20
60XL037N	**60**	0.375	AL	6W	3.820	3.80	—	1.50	0.56	1.00	0.31	0.91	0.20
72XL037N	**72**	0.375	AL	6W	4.584	4.56	—	1.50	0.56	1.00	0.31	0.91	0.20

Note: ST = Steel, AL = Aluminum.

Synchronous Pulleys - Pilot Bore, Bushed

XL - Series - 1/5” Pitch x 3/8” Belt Width

Part No: 20XL037N

20 = No. of Teeth
XL = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
037 = Width of Belt (.375”)
N = Pilot Bore

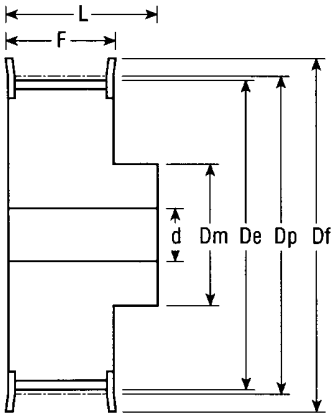

Fig 6F

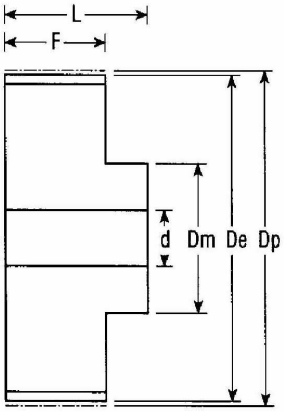

Fig 6

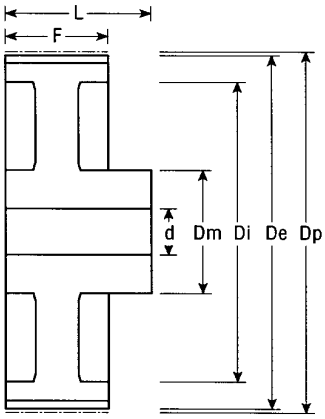

Fig 6W

Dimensions in **inches**

Part No.	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	F	L	Pilot Bore	Max Bore	Wt. kg
10XL037N	**10**	0.375	ST	6F	0.637	0.62	0.91	0.37	0.56	0.78	0.20	0.25	0.02
11XL037N	**11**	0.375	ST	6F	0.700	0.68	0.91	0.37	0.56	0.78	0.20	0.25	0.02
12XL037N	**12**	0.375	ST	6F	0.764	074	0.98	0.50	0.56	0.78	0.20	0.32	0.03
14XL037N	**14**	0.375	ST	6F	0.891	0.87	1.10	0.56	0.56	0.78	0.24	0.37	0.04
15XL037N	**15**	0.375	ST	6F	0.955	0.94	1.10	0.63	0.56	0.78	0.24	0.44	0.04
16XL037N	**16**	0.375	ST	6F	1.019	1.00	1.26	0.69	0.56	0.78	0.24	0.50	0.05
18XL037N	**18**	0.375	ST	6F	1.146	1.13	1.42	0.81	0.56	0.78	0.24	0.56	0.06
20XL037N	**20**	0.375	ST	6F	1.273	1.25	1.50	0.94	0.56	0.87	0.24	0.69	0.08
21XL037N	**21**	0.375	ST	6F	1.337	1.32	1.50	0.94	0.56	0.87	0.24	0.69	0.09
22XL037N	**22**	0.375	ST	6F	1.400	1.38	1.65	1.00	0.56	0.87	0.24	0.75	0.10
24XL037N	**24**	0.375	ST	6F	1.528	1.51	1.73	1.06	0.56	0.87	0.24	0.81	0.10
26XL037N	**26**	0.375	ST	6F	1.655	1.64	1.89	1.18	0.56	0.87	0.24	0.91	0.10
28XL037N	**28**	0.375	ST	6F	1.783	1.76	2.01	1.19	0.56	0.87	0.24	0.91	0.20
30XL037N	**30**	0.375	ST	6F	1.910	1.89	2.13	1.37	0.56	0.87	0.24	0.91	0.20
32XL037N	**32**	0.375	AL	6	2.037	2.02	—	1.50	0.56	1.00	0.31	0.91	0.10
36XL037N	**36**	0.375	AL	6	2.292	2.27	—	1.50	0.56	1.00	0.31	0.91	0.10
40XL037N	**40**	0.375	AL	6	2.546	2.53	—	1.50	0.56	1.00	0.31	0.91	0.20
42XL037N	**42**	0.375	AL	6W	2.674	2.65	—	1.50	0.56	1.00	0.31	0.91	0.10
44XL037N	**44**	0.375	AL	6W	2.801	2.78	—	1.50	0.56	1.00	0.31	0.91	0.20
48XL037N	**48**	0.375	AL	6W	3.056	3.04	—	1.50	0.56	1.00	0.31	0.91	0.20
60XL037N	**60**	0.375	AL	6W	3.820	3.80	—	1.50	0.56	1.00	0.31	0.91	0.20
72XL037N	**72**	0.375	AL	6W	4.584	4.56	—	1.50	0.56	1.00	0.31	0.91	0.20

Note: ST = Steel, AL = Aluminum.

Synchronous Pulleys - Pilot Bore, Bushed

L - Series - 3/8” Pitch x 1/2”, 3/4” and 1” Belt Widths

Part No: 20L075T

20 = No. of Teeth
L = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
075 = Width of Belt (3/4”)
T = Taper Bore, N = Pilot Bore

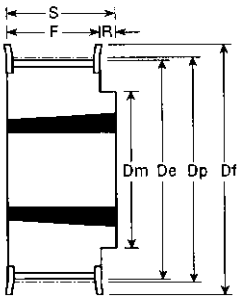

Fig 8F

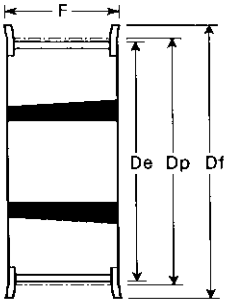

Fig 3F

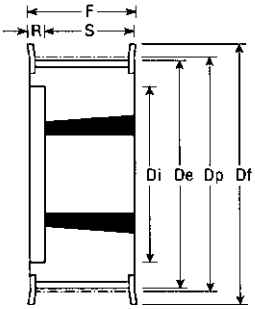

Fig 5F

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	R	S	Wt. kg
18L050T	1108	**18**	0.50	ST	8F	2.149	2.12	2.36	1.69	—	0.75	0.12	0.87	0.2
18L075T	1108		0.75	ST	3F	2.149	2.12	2.36	—	—	0.98	—	0.98	0.2
18L100T	1108		1.00	ST	5F	2.149	2.12	2.36	—	1.50	1.22	0.35	0.87	0.2
19L050T	1108	**19**	0.50	ST	8F	2.268	2.24	2.36	1.69	—	0.75	0.12	0.87	0.2
19L075T	1108		0.75	ST	3F	2.268	2.24	2.36	—	—	0.98	—	0.48	0.3
19L100T	1108		1.00	ST	5F	2.268	2.24	2.36	—	1.50	1.22	0.35	0.87	0.3
20L050T	1108	**20**	0.50	ST	8F	2.387	2.36	2.60	1.89	—	0.75	0.12	0.87	0.2
20L075T	1108		0.75	ST	3F	2.387	2.36	2.60	—	—	0.98	—	0.98	0.3
20L100T	1108		1.00	ST	5F	2.387	2.36	2.60	—	1.77	1.22	0.35	0.87	0.4
21L050T	1108	**21**	0.50	ST	8F	2.507	2.48	2.80	1.89	—	0.75	0.12	0.87	0.3
21L075T	1108		0.75	ST	3F	2.507	2.48	2.80	—	—	0.98	—	0.98	0.4
21L100T	1108		1.00	ST	5F	2.507	2.48	2.80	—	1.85	1.22	0.35	0.87	0.4
22L050T	1108	**22**	0.50	ST	8F	2.626	2.60	2.95	2.01	—	0.75	0.12	0.87	0.3
22L075T	1108		0.75	ST	3F	2.626	2.60	2.95	—	—	0.98	—	0.98	0.4
22L100T	1108		1.00	ST	5F	2.626	2.60	2.95	—	2.01	1.22	0.35	0.87	0.4
23L050T	1108	**23**	0.50	GG	8F	2.745	2.72	3.11	2.13	—	0.75	0.12	0.87	0.4
23L075T	1108		0.75	GG	3F	2.745	2.72	3.11	—	—	0.98	—	0.98	0.4
23L100T	1108		1.00	GG	5F	2.745	2.72	3.11	—	2.13	1.26	0.39	0.87	0.5
24L050T	1108	**24**	0.50	GG	8F	2.865	2.83	3.11	2.13	—	0.75	0.12	0.87	0.4
24L075T	1108		0.75	GG	3F	2.865	2.83	3.11	—	—	0.98	—	0.98	0.5
24L100T	1108		1.00	GG	5F	2.865	2.83	3.11	—	2.13	1.26	0.39	0.87	0.6
25L050T	1108	**25**	0.50	GG	8F	2.984	2.95	3.27	2.20	—	0.75	0.12	0.87	0.5
25L075T	1108		0.75	GG	3F	2.984	2.95	3.27	—	—	0.98	—	0.98	0.6
25L100T	1108		1.00	GG	5F	2.984	2.95	3.27	—	2.20	1.26	0.39	0.87	0.6
26L050T	1108	**26**	0.50	GG	8F	3.104	3.07	3.43	2.36	—	0.75	0.12	0.87	0.5
26L075T	1108		0.75	GG	3F	3.104	3.07	3.43	—	—	0.98	—	0.98	0.6
26L100T	1108		1.00	GG	5F	3.104	3.07	3.43	—	2.36	1.26	0.39	0.87	0.7
27L050T	1108	**27**	0.50	GG	8F	3.223	3.19	3.43	2.56	—	0.75	0.12	0.87	0.6
27L075T	1108		0.75	GG	3F	3.223	3.19	3.43	—	—	0.98	—	0.98	0.7
27L100T	1108		1.00	GG	5F	3.223	3.19	3.43	—	2.44	1.26	0.39	0.87	0.8

Note: ST = Steel, GG = Cast Iron. Pilot Bore available on request.

Synchronous Pulleys - Taper Bushed

L - Series - 3/8” Pitch x 1/2”, 3/4” and 1” Belt Widths

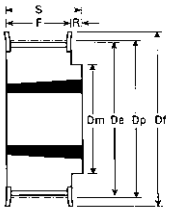

Fig 8F

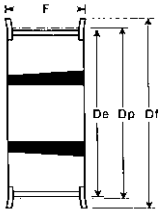

Fig 3F

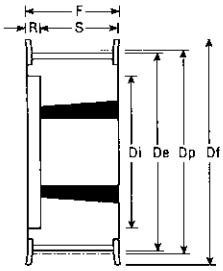

Fig 5F

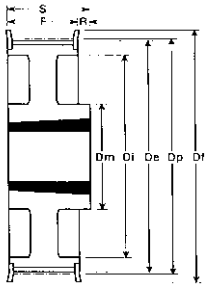

Fig 8WF

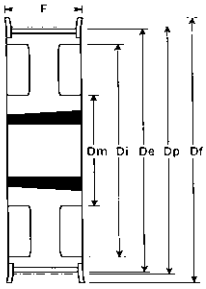

Fig 3WF

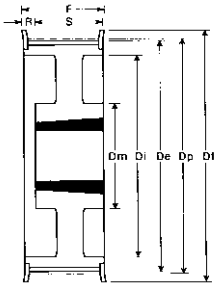

Fig 5WF

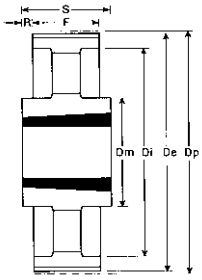

Fig 7A

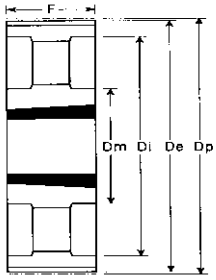

Fig 3A

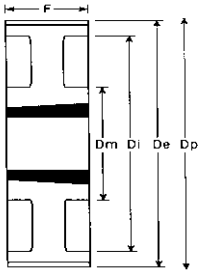

Fig 3W

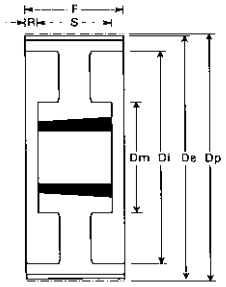

Fig 9W

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
28L050T	1108	**28**	0.5	GG	8F	3.342	3.31	3.58	2.56	—	0.75	0.87	0.12	0.6
28L075T	1108		0.75	GG	3F	3.342	3.31	3.58	—	—	0.98	0.98	—	0.7
28L100T	1108		1.0	GG	5F	3.342	3.31	3.58	—	2.56	1.26	0.87	0.39	0.8
30L050T	1108	**30**	0.5	GG	8F	3.581	3.55	3.82	2.76	—	0.75	0.87	0.12	0.8
30L075T	1108		0.75	GG	3F	3.581	3.55	3.82	—	—	0.98	0.98	—	0.9
30L100T	1210		1.0	GG	5F	3.581	3.55	3.82	—	2.80	1.26	0.98	0.28	0.9
32L050T	1108	**32**	0.5	GG	8F	3.820	3.79	4.06	2.91	—	0.75	0.87	0.12	0.9
32L075T	1108		0.75	GG	3F	3.820	3.79	4.06	—	—	0.98	0.98	—	1.0
32L100T	1210		1.0	GG	5F	3.820	3.79	4.06	—	2.95	1.26	0.98	0.28	1.0
36L050T	1108	**36**	0.5	GG	8F	4.297	4.27	4.53	3.43	—	0.75	0.87	0.12	1.2
36L075T	1610		0.75	GG	3F	4.297	4.27	4.53	—	—	0.98	0.98	—	1.2
36L100T	1610		1.0	GG	5F	4.297	4.27	4.53	—	3.50	1.26	0.98	0.28	1.4
40L050T	1610	**40**	0.5	GG	8F	4.775	4.74	5.00	3.82	—	0.75	0.98	0.24	1.5
40L075T	1610		0.75	GG	3F	4.775	4.74	5.00	—	—	0.98	0.98	—	1.7
40L100T	1610		1.0	GG	5F	4.775	4.74	5.00	—	3.98	1.26	0.98	0.28	1.7
48L050T	1610	**48**	0.5	GG	8WF	5.730	5.70	5.98	3.46	4.88	0.75	0.98	0.24	2.3
48L075T	1610		0.75	GG	3WF	5.730	5.70	5.98	3.62	4.88	0.98	0.98	—	2.5
48L100T	1610		1.0	GG	5WF	5.730	5.70	5.98	3.62	4.88	1.26	0.98	0.28	2.7
60L050T	1610	**60**	0.5	GG	7A	7.162	7.13	—	3.62	6.54	0.75	0.98	0.12	2.0
60L075T	1610		0.75	GG	3W	7.162	7.13	—	3.62	6.54	0.98	0.98	—	3.0
60L100T	1610		1.0	GG	9W	7.162	7.13	—	3.62	6.54	1.26	0.98	0.14	2.4
72L050T	1610	**72**	0.5	GG	7A	8.594	8.56	—	3.62	7.95	0.75	0.98	0.12	3.0
72L075T	1610		0.75	GG	3A	8.594	8.56	—	3.62	7.95	0.98	0.98	—	4.0
72L100T	2012		1.0	GG	3A	8.594	8.56	—	4.17	7.95	1.26	1.26	—	4.4
84L050T	1610	**84**	0.5	GG	7A	10.027	10.00	—	3.62	9.29	0.75	0.98	0.12	4.0
84L075T	2012		0.75	GG	7A	10.027	10.00	—	4.17	9.29	0.98	1.26	0.14	5.2
84L100T	2012		1.0	GG	3A	10.027	10.00	—	4.17	9.29	1.26	1.26	—	6.0
96L050T	2012	**96**	0.5	GG	7A	11.459	11.43	—	4.17	10.63	0.75	1.26	0.26	5.5
96L075T	2012		0.75	GG	7A	11.459	11.43	—	4.17	10.63	0.98	1.26	0.14	6.5
96L100T	2012		1.0	GG	3A	11.459	11.43	—	4.17	10.63	1.26	1.26	—	7.1
120L050T	2012	**120**	0.5	GG	7A	14.324	14.29	—	4.17	13.50	0.75	1.26	0.26	6.8
120L075T	2012		0.75	GG	7A	14.324	14.29	—	4.17	13.50	0.98	1.26	0.14	7.6
120L100T	2012		1.0	GG	3A	14.324	14.29	—	4.17	13.50	1.26	1.26	—	8.5

Note: Minimum plain bore available on request. GG = Cast Iron.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths

Part No: 20H100T-1210

20 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
T = Taper Bore, N = Pilot Bore
1210 = Bushing Size

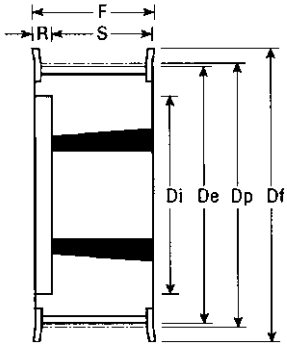

Fig 5F

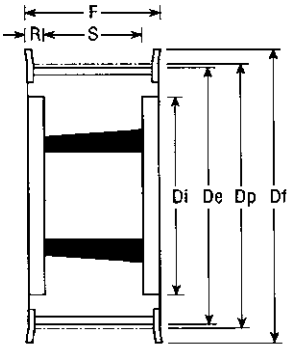

Fig 4F

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
16H100T	1108	**16**	1.0	ST	5F	2.546	2.49	2.80	—	1.77	1.22	0.87	0.35	0.4
18H100T	1210		1.0	ST	5F	2.865	2.81	3.11	—	2.05	1.22	0.98	0.24	0.5
18H150T	1210	**18**	1.5	ST	5F	2.865	2.81	3.11	—	2.09	1.77	0.98	0.79	0.6
18H200T	1210		2.0	ST	5F	2.865	2.81	3.11	—	2.05	2.28	0.98	1.30	0.8
19H100T	1210		1.0	ST	5F	3.024	2.97	3.27	—	2.20	1.22	0.98	0.24	0.6
19H150T	1210	**19**	1.5	ST	5F	3.024	2.97	3.27	—	2.20	1.77	0.98	0.79	0.7
19H200T	1610		2.0	ST	5F	3.024	2.97	3.27	—	2.20	2.28	0.98	1.30	0.9
20H100T	1210		1.0	ST	5F	3.183	3.13	3.43	—	2.36	1.22	0.98	0.24	0.7
20H150T	1210	**20**	1.5	ST	5F	3.183	3.13	3.43	—	2.36	1.77	0.98	0.79	0.8
20H200T	1610		2.0	ST	5F	3.183	3.13	3.43	—	2.36	2.28	.98	1.30	1.0
20H300T	1615		3.0	ST	4F	3.183	3.13	3.43	—	2.56	3.31	1.50	0.91	1.5
21H100T	1210		1.0	GG	5F	3.342	3.29	3.58	—	2.48	1.26	0.98	0.28	0.8
21H150T	1210	**21**	1.5	GG	5F	3.342	3.29	3.58	—	2.52	1.77	0.98	0.74	1.0
21H200T	1610		2.0	GG	5F	3.342	3.29	3.58	—	2.52	2.28	0.98	1.30	1.7
21H300T	1615		3.0	GG	4F	3.342	3.29	3.58	—	2.60	3.31	1.50	0.91	1.2
22H100T	1210		1.0	GG	5F	3.501	3.45	3.66	—	2.64	1.26	0.98	0.28	0.9
22H150T	1210	**22**	1.5	GG	5F	3.501	3.45	3.66	—	2.68	1.77	0.98	0.79	1.2
22H200T	1610		2.0	GG	5F	3.501	3.45	3.66	—	2.68	2.28	0.98	1.30	1.5
22H300T	1615		3.0	GG	4F	3.501	3.45	3.66	—	2.64	3.31	1.50	0.91	1.6
23H100T	1610		1.0	GG	5F	3.661	3.61	3.82	—	2.80	1.26	0.98	0.28	0.9
23H150T	1610	**23**	1.5	GG	5F	3.661	3.61	3.82	—	2.80	1.77	0.98	0.79	1.3
23H200T	1610		2.0	GG	5F	3.661	3.61	3.82	—	2.80	2.28	0.98	1.30	1.8
23H300T	1615		3.0	GG	4F	3.661	3.61	3.82	—	2.80	3.31	1.50	0.91	1.8
24H100T	1610		1.0	GG	5F	3.820	3.77	4.06	—	2.95	1.26	0.98	0.28	1.0
24H150T	1610	**24**	1.5	GG	5F	3.820	3.77	4.06	—	2.91	1.77	0.98	0.79	1.0
24H200T	1610		2.0	GG	5F	3.820	3.77	4.06	—	2.91	2.28	0.98	1.30	1.5
24H300T	1615		3.0	GG	4F	3.820	3.77	4.06	—	2.95	3.31	1.50	0.91	2.1

Note: ST = Steel, GG = Cast Iron. Pilot Bore available on request.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths

Part No: 28H 100T-1610

28 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
N = Pilot Bore, T = Taper Bore
1610 = Bushing Size

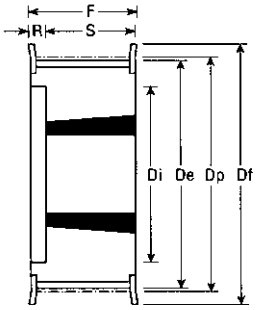

Fig 5F

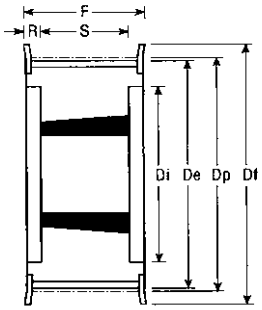

Fig 4F

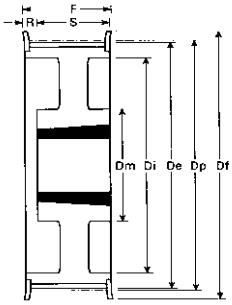

Fig 5WF

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
25H100T	1610	25	1.0	GG	5F	3.979	3.92	4.17	—	3.11	1.26	0.98	0.28	1.0
25H150T	1610		1.5	GG	5F	3.979	3.92	4.17	—	3.07	1.77	0.98	0.79	1.2
25H200T	1610		2.0	GG	5F	3.979	3.92	4.17	—	3.07	2.28	0.98	1.30	1.5
25H300T	1615		3.0	GG	4F	3.979	3.92	4.17	—	3.11	3.31	1.50	0.91	2.0
26H100T	1610	26	1.0	GG	5F	4.138	4.08	4.37	—	3.27	1.26	0.98	0.28	1.2
26H150T	1610		1.5	GG	5F	4.138	4.08	4.37	—	3.23	1.77	0.98	0.79	1.4
26H200T	1610		2.0	GG	5F	4.138	4.08	4.37	—	3.23	2.28	0.98	1.30	1.8
26H300T	1615		3.0	GG	4F	4.138	4.08	4.37	—	3.27	3.31	1.50	0.91	2.7
27H100T	1610	27	1.0	GG	5F	4.297	4.24	4.53	—	3.43	1.26	0.98	0.28	1.3
27H150T	1610		1.5	GG	5F	4.297	4.24	4.53	—	3.43	1.77	0.98	0.79	1.6
27H200T	1610		2.0	GG	5F	4.297	4.24	4.53	—	3.43	2.28	0.98	1.30	1.9
27H300T	2012		3.0	GG	4F	4.297	4.24	4.53	—	3.43	3.31	1.26	1.02	3.0
28H100T	1610	28	1.0	GG	5F	4.456	4.40	4.69	—	3.58	1.26	0.98	0.28	1.5
28H150T	1610		1.5	GG	5F	4.456	4.40	4.69	—	3.58	1.77	0.98	0.79	1.8
28H200T	1610		2.0	GG	5F	4.456	4.40	4.69	—	3.58	2.28	0.98	1.30	1.9
28H300T	2012		3.0	GG	4F	4.456	4.40	4.69	—	3.58	3.31	1.26	1.02	2.4
30H100T	1610	30	1.0	GG	5F	4.775	4.72	5.00	—	3.90	1.26	0.98	0.28	1.7
30H150T	1610		1.5	GG	5F	4.775	4.72	5.00	—	3.90	1.77	0.98	0.79	2.0
30H200T	1610		2.0	GG	5F	4.775	4.72	5.00	—	3.90	2.28	0.98	1.30	2.3
30H300T	2012		3.0	GG	4F	4.775	4.72	5.00	—	3.90	3.31	1.26	1.03	2.9
32H100T	1610	32	1.0	GG	5WF	5.093	5.04	5.31	3.62	4.25	1.26	0.98	0.28	2.0
32H150T	1610		1.5	GG	5WF	5.093	5.04	5.31	3.62	4.25	1.77	0.98	0.79	2.3
32H200T	2012		2.0	GG	5F	5.093	5.04	5.31	—	4.21	2.28	1.26	1.02	3.0
32H300T*	2517		3.0	GG	4F	5.093	5.04	5.31	—	4.21	3.31	1.77	0.77	3.3
36H100T	1610	36	1.0	GG	5WF	5.730	5.68	5.98	3.62	4.88	1.26	0.98	0.28	2.7
36H150T	1610		1.5	GG	5WF	5.730	5.68	5.98	3.62	4.88	1.77	0.98	0.79	3.1
36H200T	2012		2.0	GG	5WF	5.730	5.68	5.98	4.02	4.88	2.28	1.26	1.02	3.0
36H300T*	2517		3.0	GG	4F	5.730	5.68	5.98	—	4.88	3.31	1.77	0.77	4.5

Note: Pilot bore available on request. GG = Cast Iron. * Requires TL Bushing with BSW screws.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths

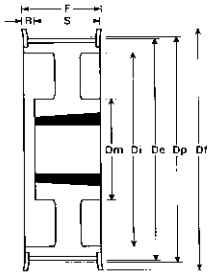

Fig 5WF

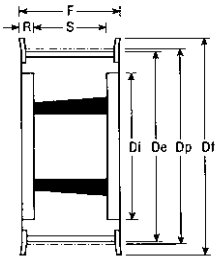

Fig 4F

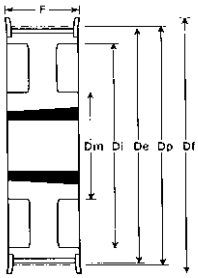

Fig 3WF

Part No: 44H 100T-2012

44 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
N = Pilot Bore, T = Taper Bore
2012 = Bushing Size

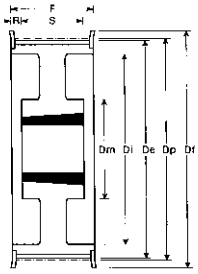

Fig 4WF

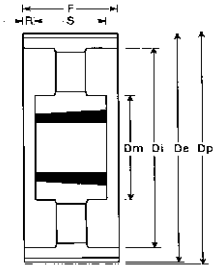

Fig 9A

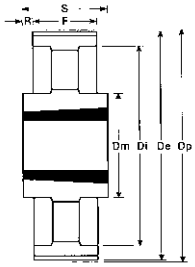

Fig 7A

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
40H100T	1610	40	1.0	GG	5WF	6.366	6.31	6.61	3.62	5.51	1.26	0.98	0.28	3.6
40H150T	1610		1.5	GG	5WF	6.366	6.31	6.61	3.62	5.51	1.77	0.98	0.79	4.0
40H200T	2012		2.0	GG	5WF	6.366	6.31	6.61	4.17	5.51	2.28	1.26	1.02	3.6
40H300T*	2517		3.0	GG	4F	6.366	6.31	6.61	—	5.39	3.31	1.77	0.77	6.0
44H100T	2012	44	1.0	GG	3WF	7.003	6.95	7.24	4.17	6.02	1.26	1.26	—	3.8
44H150T	2012		1.5	GG	5WF	7.003	6.95	7.24	4.17	6.02	1.77	1.26	0.51	4.4
44H200T	2012		2.0	GG	5WF	7.003	6.95	7.24	4.17	6.02	2.28	1.26	1.02	4.0
44H300T*	2517		3.0	GG	4WF	7.003	6.95	7.24	4.69	6.02	3.39	1.77	0.81	6.6
48H100T	2012	48	1.0	GG	3WF	7.639	7.59	7.87	4.17	6.65	1.26	1.26	—	3.2
48H150T	2012		1.5	GG	5WF	7.639	7.59	7.87	4.17	6.65	1.77	1.26	0.51	4.8
48H200T*	2517		2.0	GG	5WF	7.639	7.59	7.87	4.69	6.65	2.28	1.77	0.51	4.6
48H300T*	2517		3.0	GG	4WF	7.639	7.59	7.87	4.69	6.65	3.39	1.77	0.81	7.6
60H100T	2012	60	1.0	GG	9A	9.549	9.50	—	4.17	8.78	1.34	1.26	0.04	4.8
60H150T	2012		1.5	GG	9A	9.549	9.50	—	4.17	8.78	1.81	1.26	0.28	5.4
60H200T	2517		2.0	GG	9A	9.549	9.50	—	4.69	8.78	2.36	1.77	0.30	7.0
60H300T*	2517		3.0	GG	9A	9.549	9.50	—	4.69	8.78	3.39	1.77	0.81	8.4
72H100T	2012	72	1.0	GG	9A	11.459	11.41	—	4.17	10.63	1.34	1.26	0.04	5.7
72H150T	2012		1.5	GG	9A	11.459	11.41	—	4.17	10.63	1.81	1.26	0.28	6.5
72H200T	2517		2.0	GG	9A	11.459	11.41	—	4.69	10.63	2.36	1.77	0.30	8.0
72H300T*	2517		3.0	GG	9A	11.459	11.41	—	4.69	10.63	3.39	1.77	0.81	10.4
84H100T	2012	84	1.0	GG	9A	13.369	13.31	—	4.17	12.52	1.34	1.26	0.04	6.8
84H150T	2012		1.5	GG	9A	13.369	13.31	—	4.17	12.60	1.81	1.26	0.28	8.4
84H200T*	2517		2.0	GG	9A	13.369	13.31	—	4.69	12.60	2.36	1.77	0.30	9.0
84H300T*	2517		3.0	GG	9A	13.369	13.31	—	4.69	12.60	3.39	1.77	0.81	12.5
96H100T*	2517	96	1.0	GG	7A	15.279	15.22	—	4.69	14.41	1.34	1.77	0.22	8.2
96H150T*	2517		1.5	GG	9A	15.279	15.22	—	4.69	14.41	1.81	1.77	0.02	11.0
96H200T*	2517		2.0	GG	9A	15.279	15.22	—	4.69	14.41	2.36	1.77	0.30	10.0
96H300T	3030		3.0	GG	9A	15.279	15.22	—	5.91	14.25	3.39	2.99	0.20	14.2
120H100T*	2517	120	1.0	GG	7A	19.099	19.04	—	4.69	18.19	1.34	1.77	0.22	12.1
120H150T*	2517		1.5	GG	9A	19.099	19.04	—	4.69	18.19	1.81	1.77	0.02	14.8
120H200T*	2517		2.0	GG	9A	19.099	19.04	—	4.69	18.19	2.36	1.77	0.30	13.4
120H300T	3030		3.0	GG	9A	19.099	19.04	—	5.91	18.11	3.39	2.99	0.20	18.8

Note: Minimum plain bore available on request. GG = Cast Iron. * Requires TL Bushing with BSW screws.