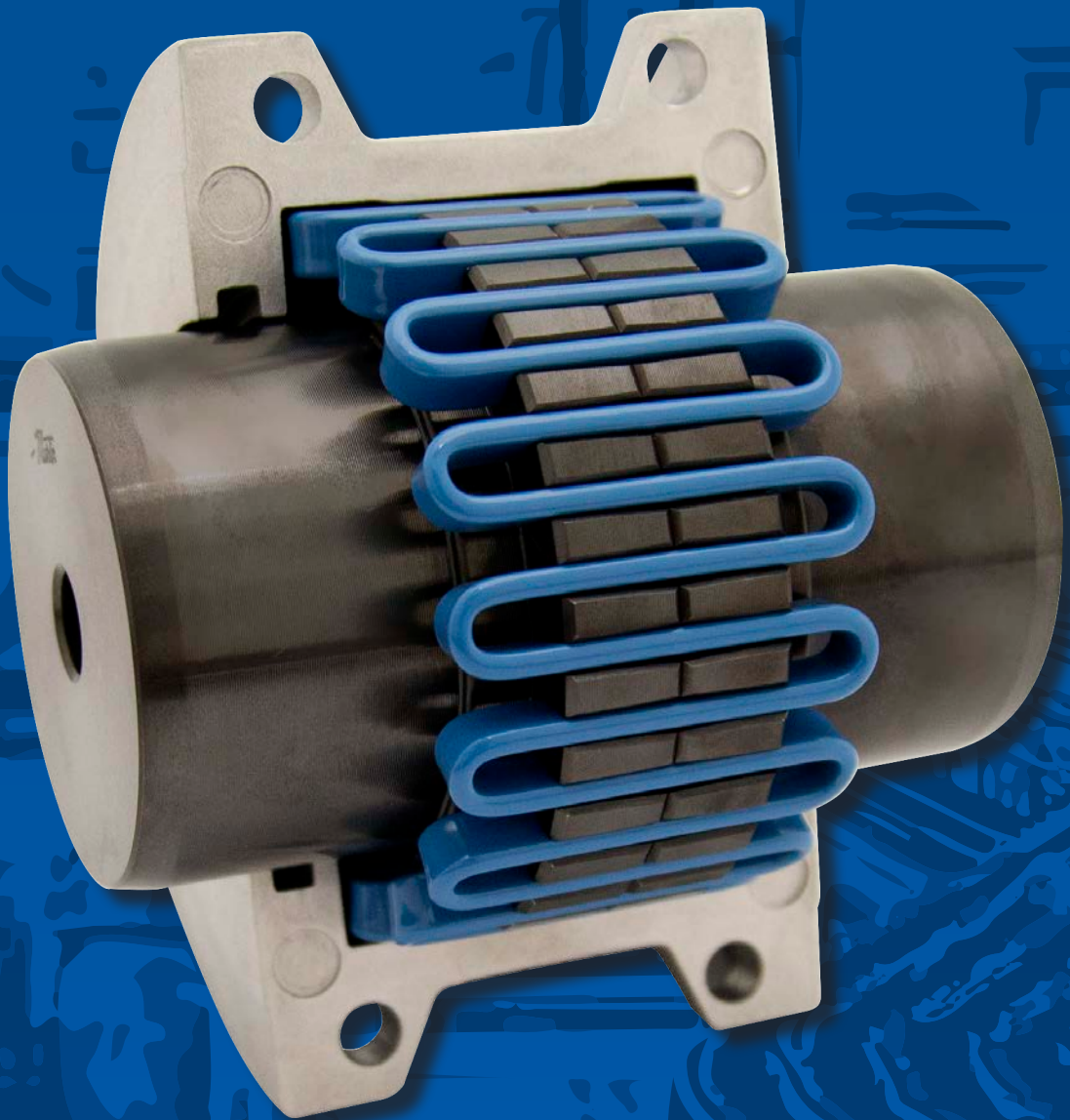


Martin

Blue-Flex[®] Grid Coupling

Bored-To-Size Stock
Horizontal / Vertical Split Cover
High Torque Transmitting
Reduced Vibration & Noise



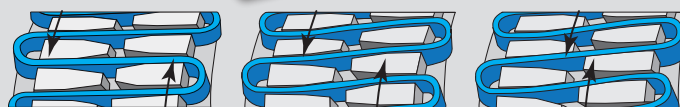
BLUE FLEX[®]



Martin Blue-Flex® Grid Couplings handle high torque levels and high RPM applications in a small package. Unlike other metallic couplings, *Martin* Blue-Flex® Grid Couplings have the ability to reduce vibration and absorb shock loads to driven and driving power transmitting equipment components.

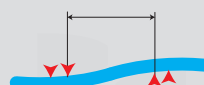
Progressive contact between the curved profile of the hub teeth and the flexible grid makes it possible to absorb impact energy by spreading it out, reducing the magnitude of the peak loads.

Martin Blue-Flex® Grid Couplings follow the same *Martin* Product/Service Standards that make *Martin* the One Industry Relies On for Quality, Availability and Service.



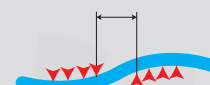
Light Load

The grid bears the stress near the outer edge of the hub teeth. The long span between the point of contact remains free to flex under load variations.



Normal Load

As the load increases, the distance between contact points on the hub teeth is shortened, but a free span still remains to absorb shock loads.



Shock Load

The coupling is flexible within its rated capacity. Under extreme overloads, the grid bears the stress on the hub teeth and transmits full load directly.

Nomenclature

1020T10 1

Size
1020
to 1200

Martin
Blue-Flex®

Cover Style
10 Horizontal
20 Vertical

Bore Size

1040T-GRID — Grid

1050T-HUB1 7/8

Hub Type
HUB Hub
SH Shaft Hub

Bore Size (Plain Bore if no Bore Size)

Note: Bored-to-Size flanges are furnished with standard keyway and 2 setscrews unless specified otherwise

1090T10-SUBASY

Cover Style
10 Horizontal
20 Vertical

Parts & Kits

COV Cover & Accessories
FAS Fastener Set
SUBASY Cover Kit & Grid
SEAL Seal Kit

1050T-CL3.5000

Part
CL Spacer Hub
Spacer Length

Covers



T10 Cover
Horizontal Split



T20 Cover
Vertical Split

Grid



Seal & Gasket Kits



Fastener Sets



Hubs



Plain Bore Hubs
1-Day Rebore Available



Bored-To-Size Hubs
Finished Bore, Keyway, and 2 Set Screws
Taper Bushed Available

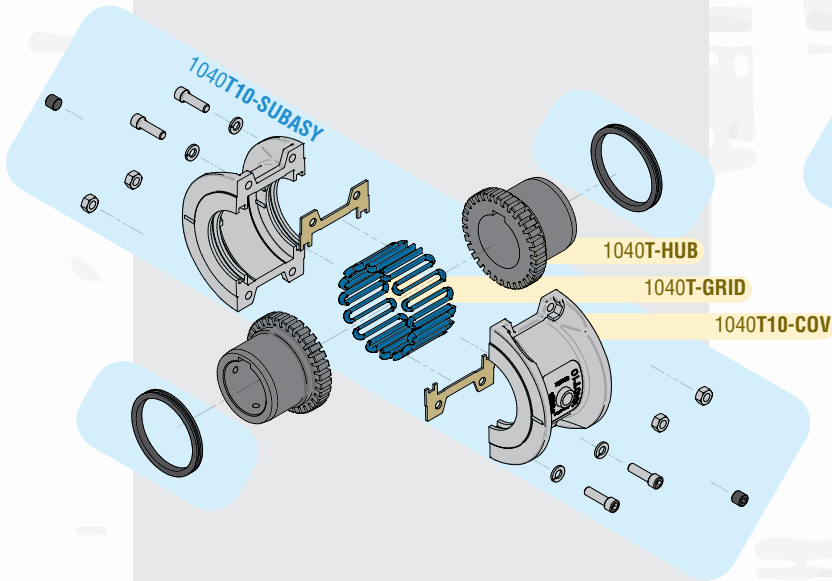


Shaft Hubs

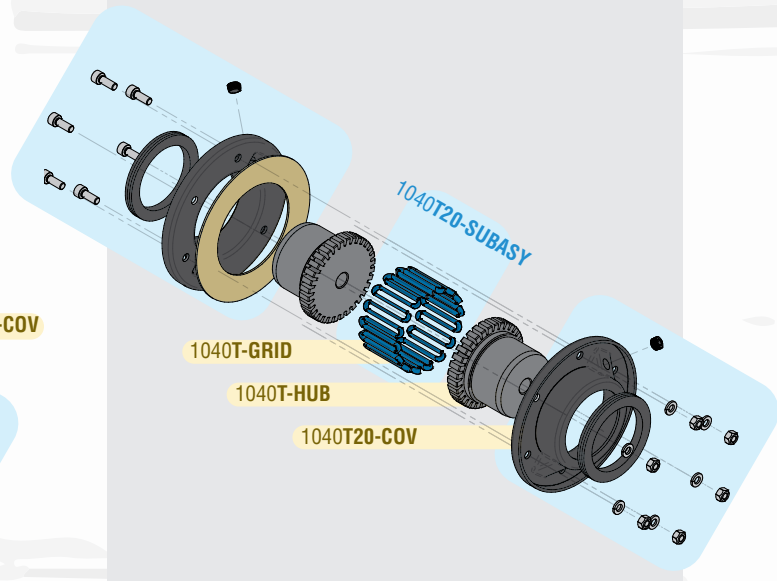


Spacer Hubs

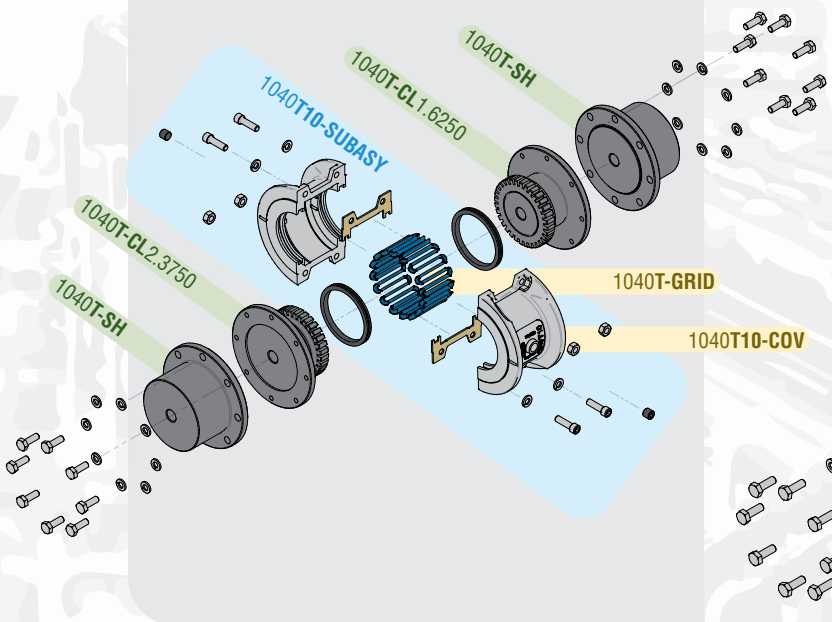
Type T10 Horizontal Cover Design



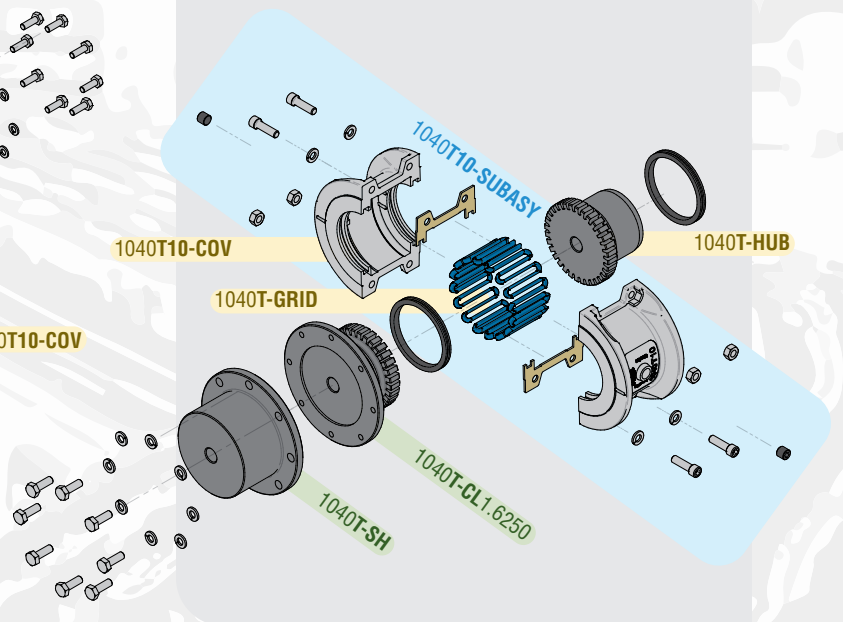
Type T20 Vertical Cover Design



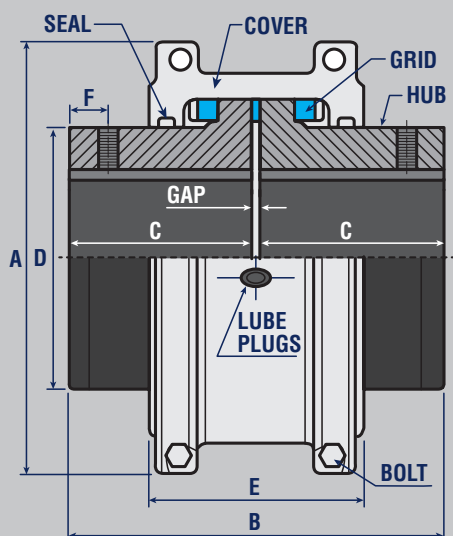
Type T31 Spacer Design



Type T35 Half Spacer Design

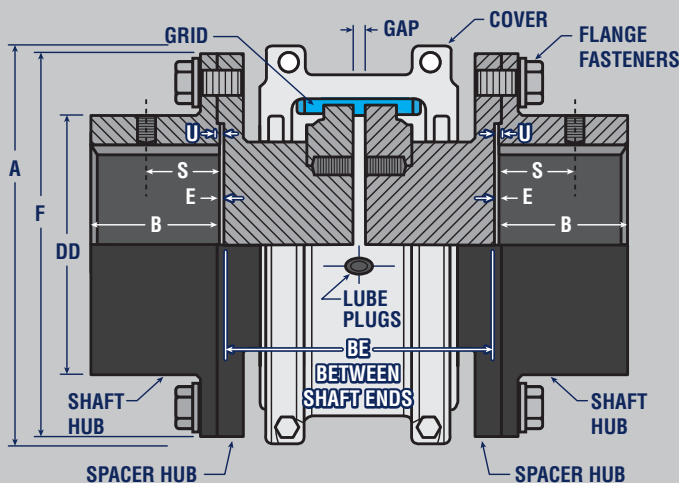


T10 Style Horizontal Split Cover



Size	HP per 100 RPM	Allow Speed RPM	Basic Torque (lb-in)	Bore		OD (A)	OAL (B)	LTB (C)	HD (D)	E	F	Gap	Complete Wt. (lb)	Lub. Wt. (lb)
				Max	Min									
1020T10	0.68	4,500	460	1.12	0.5	4	3.86	1.87	1.56	2.62	0.31	0.12	4.2	0.1
1030T10	1.93	4,500	1,320	1.37	0.5	4.37	3.86	1.87	1.94	2.69	0.31	0.12	5.7	0.1
1040T10	3.22	4,500	2,200	1.62	0.5	4.63	4.12	2	2.25	2.76	0.31	0.12	7.5	0.1
1050T10	5.63	4,500	3,850	1.87	0.5	5.43	4.87	2.37	2.63	3.13	0.31	0.12	11.9	0.1
1060T10	8.85	4,350	6,050	2.12	0.75	5.93	5.12	2.5	3	3.62	0.31	0.12	16.1	0.2
1070T10	13	4,125	8,800	2.5	0.75	6.37	6.12	3	3.44	3.74	0.5	0.12	22.0	0.2
1080T10	27	3,600	18,150	3	1.06	7.64	7.12	3.5	4.13	4.57	0.5	0.12	39.7	0.4
1090T10	48	3,600	33,000	3.5	1.06	8.39	7.87	3.87	4.87	4.8	0.63	0.12	55.1	0.6
1100T10	81	2,400	55,550	4	1.63	9.84	9.67	4.75	5.59	6.12	0.63	0.18	92.6	0.9
1110T10	121	2,250	82,500	4.5	1.63	10.63	10.18	5	6.31	6.36	0.75	0.18	119.0	1.1
1120T10	177	2,025	121,000	5	2.37	12.13	11.98	5.87	7.06	7.54	0.75	0.25	178.6	1.6
1130T10	257	1,800	176,000	6	2.63	13.62	12.98	6.37	8.56	7.68	1.19	0.25	266.8	2.0
1140T10	370	1,650	253,000	7.25	2.63	15.12	14.63	7.2	10	7.91	1.19	0.25	392.4	2.5
1150T10	515	1,500	352,000	8	4.25	17.84	14.64	7.2	10.6	10.68	1.19	0.25	515.9	4.3
1160T10	724	1,350	495,000	9	4.75	19.74	15.83	7.8	12	10.98	1.19	0.25	698.9	6.2
1170T10	965	1,225	660,000	10	5.25	22.3	17.24	8.5	14	11.98	1.19	0.25	987.7	7.7
1180T10	1,338	1,100	915,000	11	6	24.8	19.05	9.4	15.5	12.64	1.5	0.25	1,364.7	8.3
1190T10	1,770	1,050	1,210,000	12	6	26.6	20.64	10.2	17.2	12.8	1.5	0.25	1,710.8	9.7
1200T10	2,413	900	1,650,000	13	7	29.8	22.24	11	19.6	14	1.5	0.25	2,330.3	12.4

T31 Style Spacer Design



Size	Torque Rating (in-lb)*	Allow Speed RPM **	Bore		A	B	BE		E	F	S	U	GAP	Flange Fasteners		Wt Without Bore & Min BE (lb)	Wt Added per inch of BE over Min (lb)	Lube Wt (lb)
			Max	Min ***			Min	Max						No. per Flange & Grade	Dia (in)			
1020T	460	3,600	1.38	0.5	3.82	1.38	3.5	8	0.03	3.38	1.08	0.08	0.19	4, GR 8	0.25	8.5	0.57	0.06
1030T	1,320	3,600	1.63	0.5	4.16	1.62	3.5	8.5	0.03	3.69	1.24	0.08	0.19	8, GR 8	0.25	11.5	0.87	0.09
1040T	2,200	3,600	2.13	0.5	4.5	2.12	3.5	8.5	0.03	4.44	1.08	0.08	0.19	8, GR 8	0.25	18.6	1.17	0.12
1050T	3,850	3,600	2.38	0.5	5.32	2.38	4.37	8.5	0.03	4.94	1.6	0.08	0.19	8, GR 8	0.31	28.2	1.58	0.15
1060T	6,050	3,600	2.88	0.75	5.82	2.88	4.81	13	0.06	5.69	1.7	0.11	0.19	8, GR 8	0.38	45.1	2.06	0.19
1070T	8,800	3,600	3.13	0.75	6.25	3.12	5	13	0.06	6	1.84	0.11	0.19	12, Gr 8	0.38	54.6	2.69	0.25
1080T	18,150	3,600	3.50	1.06	7.5	3.5	6.12	16	0.06	7	1.96	0.11	0.19	12, Gr 8	0.5	88.1	3.86	0.38
1090T	33,000	3,600	4.00	1.06	8.31	4	6.44	16	0.06	8.25	2.24	0.11	0.19	12, Gr 8	0.63	132	5.37	0.56
1100T	55,550	2,440	4.75	1.5	9.88	3.56	8	16	0.06	9.88	—	0.12	0.25	12, Gr 8	0.75	199	6.95	0.94
1110T	82,500	2,250	5.50	2	10.62	4.1	8.25	16	0.06	10.88	—	0.12	0.25	12, Gr 8	0.75	261	8.98	1.12
1120T	121,000	2,025	6.25	2.5	12.12	4.7	9.69	16	0.06	12.56	—	0.16	0.38	12, Gr 8	0.88	392	11.2	1.62
1130T	176,000	1,800	7.00	3	13.62	5.3	10.12	16	0.06	13.62	—	0.16	0.38	12, Gr 8	1	522	16.5	2
1140T	253,000	1,650	8.00	3.5	15.12	6	10.5	16	0.06	15.19	—	0.16	0.38	12, Gr 8	1.13	720	22.4	2.5

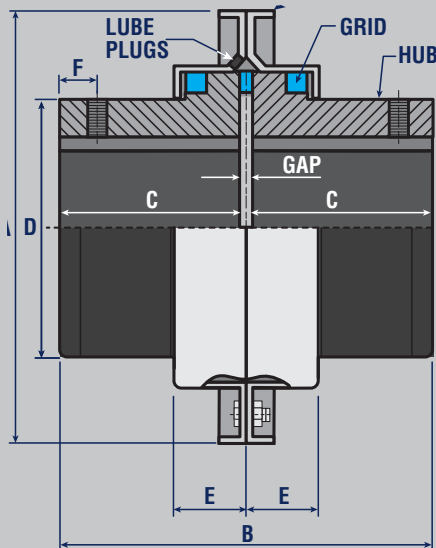
* Peak torque capacity is two times the published rating. Torque ratings for hubs with bushings differ from those shown, refer to Table 9, page C43.

** Consult *Martin* for higher speeds..

*** Minimum bore is the smallest bore to which a Rough Stock Bore (RSB) hub can be bored. Depending upon coupling size, RSB hubs may have only a blind centering hole or a through hole that will permit remachining of the hubs to the minimum bores specified.

T20 Style

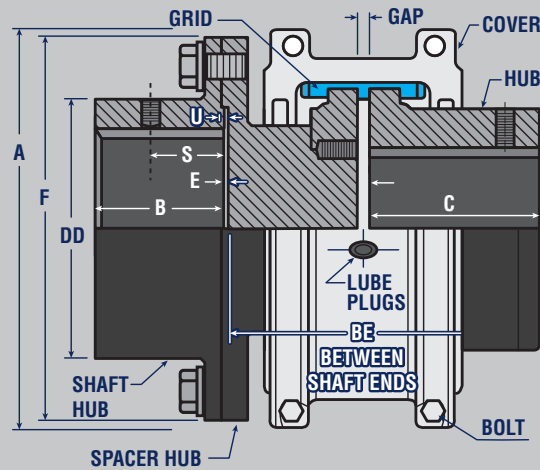
Vertical Split Cover



Size	HP per 100 RPM	Allow Speed RPM	Basic Torque (lb-in)	Bore		OD (A)	OAL (B)	LTB (C)	HD (D)	E	F	Gap	Complete Wt. (lb)	Lub. Wt. (lb)
				Max	Min									
1020T20	0.68	6,000	460	1.12	0.5	4.37	3.86	1.87	1.56	0.95	0.31	0.12	4.4	0.1
1030T20	1.93	6,000	1,320	1.37	0.5	4.75	3.86	1.87	1.94	0.98	0.31	0.12	5.7	0.1
1040T20	3.22	6,000	2,200	1.62	0.5	5.06	4.12	2	2.25	1.01	0.31	0.12	7.5	0.1
1050T20	5.63	6,000	3,850	1.87	0.5	5.81	4.87	2.37	2.63	1.23	0.31	0.12	11.9	0.1
1060T20	8.85	6,000	6,050	2.12	0.75	6.4	5.12	2.5	3	1.27	0.31	0.12	16.1	0.2
1070T20	13	5,500	8,800	2.5	0.75	6.81	6.12	3	3.44	1.33	0.5	0.12	22.9	0.2
1080T20	27	4,750	18,150	3	1.06	7.87	7.12	3.5	4.13	1.74	0.5	0.12	39.0	0.4
1090T20	48	4,000	33,000	3.5	1.06	8.42	7.87	3.87	4.87	1.88	0.63	0.12	56.0	0.6
1100T20	81	3,250	55,550	4	1.63	10.5	9.67	4.75	5.59	2.36	0.63	0.18	93.0	0.9
1110T20	121	3,000	82,500	4.5	1.63	11.25	10.18	5	6.31	2.53	0.75	0.18	119.9	1.1
1120T20	177	2,700	121,000	5	2.37	12.56	11.98	5.87	7.06	2.89	0.75	0.25	179.9	1.6
1130T20	257	2,400	176,000	6	2.63	14.87	12.98	6.37	8.56	2.96	1.19	0.25	270.1	2.0
1140T20	370	2,200	253,000	7.25	2.63	16.38	14.63	7.2	10	3.08	1.19	0.25	397.1	2.5
1150T20	515	2,000	352,000	8	4.25	18.75	14.64	7.2	10.6	4.21	1.19	0.25	507.1	4.3
1160T20	724	1,750	495,000	9	4.75	21	15.83	7.8	12	4.5	1.19	0.25	707.9	6.2
1170T20	965	1,600	660,000	10	5.25	23	17.24	8.5	14	4.7	1.19	0.25	988.1	7.7
1180T20	1,338	1,400	915,000	11	6	24.8	19.04	9.4	15.5	5.12	1.5	0.25	1302.9	8.3
1190T20	1,770	1,300	1,210,000	12	6	26.97	20.64	10.2	17.2	5.31	1.5	0.25	1677.7	9.7
1200T20	2,413	1,100	1,650,000	13	7	29.02	22.24	11	19.6	5.71	1.5	0.25	2250.9	12.4

T35 Style

Half Spacer Design



Size	Torque Rating (in-lb)*	Allow Speed RPM **	Max Bore		Min Bore ***	A	B	BE		E	F	S	U	GAP	Flange Fasteners		Wt Without Bore & Min BE (lb)	Wt Added per inch of BE over Min (lb)	Lube Wt (lb)
			Shaft Hub	Hub				Min	Max						No. per Flange & Grade	Dia (in)			
1020T	460	3,600	1.38	1.13	0.5	3.82	1.38	1.78	4.03	0.03	3.38	1.08	0.08	0.19	4, GR 8	0.25	8.5	0.57	0.06
1030T	1,320	3,600	1.63	1.38	0.5	4.16	1.62	1.78	4.28	0.03	3.69	1.24	0.08	0.19	8, GR 8	0.25	11.5	0.87	0.09
1040T	2,200	3,600	2.13	1.63	0.5	4.5	2.12	1.78	4.28	0.03	4.44	1.08	0.08	0.19	8, GR 8	0.25	18.6	1.17	0.12
1050T	3,850	3,600	2.38	1.88	0.5	5.32	2.38	2.22	4.28	0.03	4.94	1.6	0.08	0.19	8, GR 8	0.31	28.2	1.58	0.15
1060T	6,050	3,600	2.88	2.13	0.75	5.82	2.88	2.44	6.53	0.06	5.69	1.7	0.11	0.19	8, GR 8	0.38	45.1	2.06	0.19
1070T	8,800	3,600	3.13	2.5	0.75	6.25	3.12	2.53	6.53	0.06	6	1.84	0.11	0.19	12, Gr 8	0.38	54.6	2.69	0.25
1080T	18,150	3,600	3.5	3	1.06	7.5	3.5	3.09	8.03	0.06	7	1.96	0.11	0.19	12, Gr 8	0.5	88.1	3.86	0.38
1090T	33,000	3,600	4	3.5	1.06	8.31	4	3.25	8.03	0.06	8.25	2.24	0.11	0.19	12, Gr 8	0.63	132	5.37	0.56
1100T	55,550	2,440	4.75	4	1.63	9.88	3.56	4.06	8.06	0.06	9.88	—	0.12	0.25	12, Gr 8	0.75	199	6.95	0.94
1110T	82,500	2,250	5.5	4.5	1.63	10.62	4.1	4.19	8.06	0.06	10.88	—	0.12	0.25	12, Gr 8	0.75	261	8.98	1.12
1120T	121,000	2,025	6.25	5	2.38	12.12	4.7	4.91	8.06	0.06	12.56	—	0.16	0.38	12, Gr 8	0.88	392	11.2	1.62
1130T	176,000	1,800	7	6	2.63	13.62	5.3	5.12	8.06	0.06	13.62	—	0.16	0.38	12, Gr 8	1	522	16.5	2
1140T	253,000	1,650	8	7.25	2.63	15.12	6	5.31	8.06	0.06	15.19	—	0.16	0.38	12, Gr 8	1.13	720	22.4	2.5

* Peak torque capacity is two times the published rating. Torque ratings for hubs with bushings differ from those shown, refer to Table 9, page C43.

** Consult *Martin* for higher speeds..

*** Minimum bore is the smallest bore to which a Rough Stock Bore (RSB) hub can be bored. Depending upon coupling size, RSB hubs may have only a blind centering hole or a through hole that will permit remachining of the hubs to the minimum bores specified.

Bore			Keyway	1020T	1030T	1040T	1050T	1060T	1070T	1080T	1090T	1100T	1110T	1120T	1130T	1140T	1150T	1160T	1170T	1180T	1190T	1200T
Taper Bushed					1030T-HUB1108	1040T-HUB1108	1050T-HUB1215	1060T-HUB1615	1070T-HUB2012	1080T-HUB2525	1090T-HUB3030											
Inches	Plain Bore		1020T-HUB	1030T-HUB	1040T-HUB	1050T-HUB	1060T-HUB	1070T-HUB	1080T-HUB	1090T-HUB	1100T-HUB	1110T-HUB	1120T-HUB	1130T-HUB	1140T-HUB	1150T-HUB	1160T-HUB	1170T-HUB	1180T-HUB	1190T-HUB	1200T-HUB	
	1/2	1/8 x 1/16	1020T-HUB1/2																			
	5/8	3/16 x 3/32	1020T-HUB5/8	1030T-HUB5/8	1040T-HUB5/8																	
	3/4	3/16 x 3/32	1020T-HUB3/4	1030T-HUB3/4	1040T-HUB3/4	1050T-HUB3/4	1060T-HUB3/4															
	7/8	3/16 x 3/32	1020T-HUB7/8	1030T-HUB7/8	1040T-HUB7/8	1050T-HUB7/8	1060T-HUB7/8															
	15/16	1/4 x 1/8	1020T-HUB15/16	1030T-HUB15/16	1040T-HUB15/16	1050T-HUB15/16	1060T-HUB15/16															
	1	1/4 x 1/8	1020T-HUB1	1030T-HUB1	1040T-HUB1	1050T-HUB1	1060T-HUB1	1070T-HUB1														
	1 1/8	1/4 x 1/8	1020T-HUB1 1/8	1030T-HUB1 1/8	1040T-HUB1 1/8	1050T-HUB1 1/8	1060T-HUB1 1/8	1070T-HUB1 1/8	1080T-HUB1 1/8													
	1 3/16	1/4 x 1/8		1030T-HUB1 3/16	1040T-HUB1 3/16	1050T-HUB1 3/16	1060T-HUB1 3/16	1070T-HUB1 3/16														
	1 1/4	1/4 x 1/8		1030T-HUB1 1/4	1040T-HUB1 1/4	1050T-HUB1 1/4	1060T-HUB1 1/4	1070T-HUB1 1/4	1080T-HUB1 1/4													
	1 3/8	5/16 x 5/32		1030T-HUB1 3/8	1040T-HUB1 3/8	1050T-HUB1 3/8	1060T-HUB1 3/8	1070T-HUB1 3/8	1080T-HUB1 3/8	1090T-HUB1 3/8												
	1 7/16	3/8 x 3/16			1040T-HUB1 7/16	1050T-HUB1 7/16	1060T-HUB1 7/16	1070T-HUB1 7/16	1080T-HUB1 7/16	1090T-HUB1 7/16												
	1 1/2	3/8 x 3/16			1040T-HUB1 1/2	1050T-HUB1 1/2	1060T-HUB1 1/2	1070T-HUB1 1/2	1080T-HUB1 1/2	1090T-HUB1 1/2												
	1 9/16	3/8 x 3/16			1040T-HUB1 9/16	1050T-HUB1 9/16	1060T-HUB1 9/16	1070T-HUB1 9/16	1080T-HUB1 9/16													
	1 5/8	3/8 x 3/16			1040T-HUB1 5/8	1050T-HUB1 5/8	1060T-HUB1 5/8	1070T-HUB1 5/8	1080T-HUB1 5/8	1090T-HUB1 5/8												
	1 11/16	3/8 x 3/16				1050T-HUB1 11/16	1060T-HUB1 11/16	1070T-HUB1 11/16	1080T-HUB1 11/16													
	1 3/4	3/8 x 3/16				1050T-HUB1 3/4	1060T-HUB1 3/4	1070T-HUB1 3/4	1080T-HUB1 3/4	1090T-HUB1 3/4												
	1 13/16	1/2 x 1/4				1050T-HUB1 13/16	1060T-HUB1 13/16	1070T-HUB1 13/16	1080T-HUB1 13/16													
	1 7/8	1/2 x 1/4				1050T-HUB1 7/8	1060T-HUB1 7/8	1070T-HUB1 7/8	1080T-HUB1 7/8	1090T-HUB1 7/8												
	1 15/16	1/2 x 1/4					1060T-HUB1 15/16	1070T-HUB1 15/16	1080T-HUB1 15/16	1090T-HUB1 15/16												
	2	1/2 x 1/4					1060T-HUB2	1070T-HUB2	1080T-HUB2	1090T-HUB2	1100T-HUB2											
	2 1/8	1/2 x 1/4					1060T-HUB2 1/8	1070T-HUB2 1/8	1080T-HUB2 1/8	1090T-HUB2 1/8	1100T-HUB2 1/8											
	2 3/16	1/2 x 1/4						1070T-HUB2 3/16	1080T-HUB2 3/16	1090T-HUB2 3/16												
	2 1/4	1/2 x 1/4						1070T-HUB2 1/4	1080T-HUB2 1/4	1090T-HUB2 1/4	1100T-HUB2 1/4											
	2 3/8	5/8 x 5/16						1070T-HUB2 3/8	1080T-HUB2 3/8	1090T-HUB2 3/8	1100T-HUB2 3/8	1110T-HUB2 3/8	1120T-HUB2 3/8									
	2 7/16	5/8 x 5/16						1070T-HUB2 7/16	1080T-HUB2 7/16	1090T-HUB2 7/16	1100T-HUB2 7/16											
	2 1/2	5/8 x 5/16						1070T-HUB2 1/2	1080T-HUB2 1/2	1090T-HUB2 1/2	1100T-HUB2 1/2	1110T-HUB2 1/2										
	2 5/8	5/8 x 5/16							1080T-HUB2 5/8	1090T-HUB2 5/8	1100T-HUB2 5/8											
	2 11/16	5/8 x 5/16							1080T-HUB2 11/16	1090T-HUB2 11/16												
	2 3/4	5/8 x 5/16							1080T-HUB2 3/4	1090T-HUB2 3/4	1100T-HUB2 3/4	1110T-HUB2 3/4										
	2 7/8	3/4 x 3/8							1080T-HUB2 7/8	1090T-HUB2 7/8	1100T-HUB2 7/8	1110T-HUB2 7/8										
	2 15/16	3/4 x 3/8							1080T-HUB2 15/16	1090T-HUB2 15/16	1100T-HUB2 15/16											
	3	3/4 x 3/8							1080T-HUB3	1090T-HUB3	1100T-HUB3	1110T-HUB3	1120T-HUB3									
	3 1/8	3/4 x 3/8								1090T-HUB3 1/8	1100T-HUB3 1/8											
	3 3/16	3/4 x 3/8								1100T-HUB3 3/16												
	3 1/4	3/4 x 3/8								1090T-HUB3 1/4	1100T-HUB3 1/4	1110T-HUB3 1/4	1120T-HUB3 1/4									
	3 3/8	7/8 x 7/16								1090T-HUB3 3/8	1100T-HUB3 3/8	1110T-HUB3 3/8										
	3 7/16	7/8 x 7/16								1090T-HUB3 7/16	1100T-HUB3 7/16	1110T-HUB3 7/16	1120T-HUB3 7/16									
	3 1/2	7/8 x 7/16								1090T-HUB3 1/2	1100T-HUB3 1/2	1110T-HUB3 1/2	1120T-HUB3 1/2									
	3 5/8	7/8 x 7/16									1100T-HUB3 5/8	1110T-HUB3 5/8										
	3 3/4	7/8 x 7/16									1100T-HUB3 3/4	1110T-HUB3 3/4										
	3 7/8	1 x 1/2									1100T-HUB3 7/8	1110T-HUB3 7/8	1120T-HUB3 7/8									
	3 15/16	1 x 1/2									1100T-HUB3 15/16	1110T-HUB3 15/16	1120T-HUB3 15/16									
	4	1 x 1/2									1100T-HUB4	1110T-HUB4	1120T-HUB4									
	4 1/8	1 x 1/2										1110T-HUB4 1/8										
	4 3/16	1 x 1/2										1110T-HUB4 3/16										
	4 3/8	1 x 1/2										1110T-HUB4 3/8										
	4 7																					

Covers



T10 Cover
Horizontal Split



T20 Cover
Vertical Split

Grid



Fastener Sets



Seal & Gasket Kits



Hubs



Plain Bore Hubs
1-Day Rebore Available



Bored-To-Size Hubs
Finished Bore, Keyway, and 2 Set Screws
Taper Bushed Available

Size	Grid	T10 Cover Horizontal Split				T20 Cover Vertical Split for Higher RPM			
		Cover Cover, Seals, Gaskets & Fasteners	Cover Fastener Set	Seal Kit Seal & Gasket	Cover Grid Assemblies Cover, Grid, Seals, Gaskets & Fasteners *Includes Grease	Cover Cover, Seals, Gaskets & Fasteners	Cover Fastener Set	Seal Kit Seal & Gasket	Cover Grid Assemblies Cover, Grid, Seals, Gaskets & Fasteners *Includes Grease
1020T	1020T-GRID	1020T10-COV	1020T10-FAS	1020T10-SEAL	1020T10-SUBASY*	1020T20-COV	1020T20-FAS	1020T20-SEAL	1020T20-SUBASY*
1030T	1030T-GRID	1030T10-COV	1030T10-FAS	1030T10-SEAL	1030T10-SUBASY*	1030T20-COV	1030T20-FAS	1030T20-SEAL	1030T20-SUBASY*
1040T	1040T-GRID	1040T10-COV	1040T10-FAS	1040T10-SEAL	1040T10-SUBASY*	1040T20-COV	1040T20-FAS	1040T20-SEAL	1040T20-SUBASY*
1050T	1050T-GRID	1050T10-COV	1050T10-FAS	1050T10-SEAL	1050T10-SUBASY*	1050T20-COV	1050T20-FAS	1050T20-SEAL	1050T20-SUBASY*
1060T	1060T-GRID	1060T10-COV	1060T10-FAS	1060T10-SEAL	1060T10-SUBASY*	1060T20-COV	1060T20-FAS	1060T20-SEAL	1060T20-SUBASY*
1070T	1070T-GRID	1070T10-COV	1070T10-FAS	1070T10-SEAL	1070T10-SUBASY*	1070T20-COV	1070T20-FAS	1070T20-SEAL	1070T20-SUBASY*
1080T	1080T-GRID	1080T10-COV	1080T10-FAS	1080T10-SEAL	1080T10-SUBASY*	1080T20-COV	1080T20-FAS	1080T20-SEAL	1080T20-SUBASY*
1090T	1090T-GRID	1090T10-COV	1090T10-FAS	1090T10-SEAL	1090T10-SUBASY*	1090T20-COV	1090T20-FAS	1090T20-SEAL	1090T20-SUBASY*
1100T	1100T-GRID	1100T10-COV	1100T10-FAS	1100T10-SEAL	1100T10-SUBASY	1100T20-COV	1100T20-FAS	1100T20-SEAL	1100T20-SUBASY
1110T	1110T-GRID	1110T10-COV	1110T10-FAS	1110T10-SEAL	1110T10-SUBASY	1110T20-COV	1110T20-FAS	1110T20-SEAL	1110T20-SUBASY
1120T	1120T-GRID	1120T10-COV	1120T10-FAS	1120T10-SEAL	1120T10-SUBASY	1120T20-COV	1120T20-FAS	1120T20-SEAL	1120T20-SUBASY
1130T	1130T-GRID	1130T10-COV	1130T10-FAS	1130T10-SEAL	1130T10-SUBASY	1130T20-COV	1130T20-FAS	1130T20-SEAL	1130T20-SUBASY
1140T	1140T-GRID	1140T10-COV	1140T10-FAS	1140T10-SEAL	1140T10-SUBASY	1140T20-COV	1140T20-FAS	1140T20-SEAL	1140T20-SUBASY
1150T	1150T-GRID	1150T10-COV	1150T10-FAS	1150T10-SEAL	1150T10-SUBASY	1150T20-COV	1150T20-FAS	1150T20-SEAL	1150T20-SUBASY
1160T	1160T-GRID	1160T10-COV	1160T10-FAS	1160T10-SEAL	1160T10-SUBASY	1160T20-COV	1160T20-FAS	1160T20-SEAL	1160T20-SUBASY
1170T	1170T-GRID	1170T10-COV	1170T10-FAS	1170T10-SEAL	1170T10-SUBASY	1170T20-COV	1170T20-FAS	1170T20-SEAL	1170T20-SUBASY
1180T	1180T-GRID	1180T10-COV	1180T10-FAS	1180T10-SEAL	1180T10-SUBASY	1180T20-COV	1180T20-FAS	1180T20-SEAL	1180T20-SUBASY
1190T	1190T-GRID	1190T10-COV	1190T10-FAS	1190T10-SEAL	1190T10-SUBASY	1190T20-COV	1190T20-FAS	1190T20-SEAL	1190T20-SUBASY
1200T	1200T-GRID	1200T10-COV	1200T10-FAS	1200T10-SEAL	1200T10-SUBASY	1200T20-COV	1200T20-FAS	1200T20-SEAL	1200T20-SUBASY

Note: All Covers include Seal Kits

Components Sizes

Martin



Spacer Hubs



Shaft Hubs

Plain Bore and Finished Bore with Keyway, and 2 Set Screws Taper Bushed Available

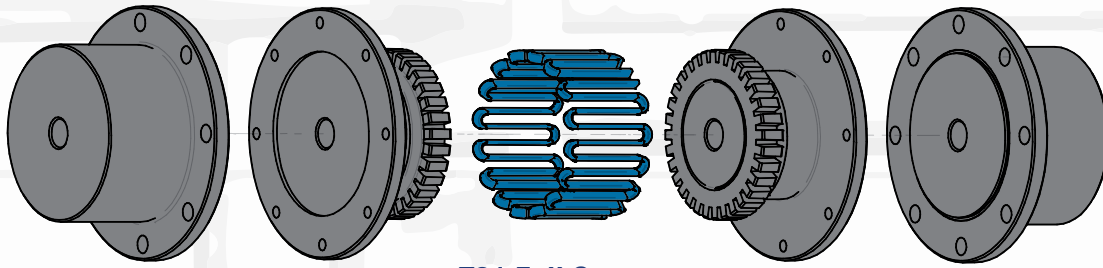
Spacer Length	Spacer Hubs									
	Part Number by Coupling Size									
	1020T	1030T	1040T	1050T	1060T	1070T	1080T	1090T	1100T	1110T
1.625	1020T-CL1.6250	1030T-CL1.6250	1040T-CL1.6250							
2.0620	1020T-CL2.0620	1030T-CL2.0620	1040T-CL2.0620	1050T-CL2.0620						
2.3440					1060T-CL2.3440	1070T-CL2.3440	1080T-CL3.3440			
2.3750	1020T-CL2.3750	1030T-CL2.3750	1040T-CL2.3750	1050T-CL2.3750						
2.6000					1060T-CL2.6000	1070T-CL2.6000				
2.6310	1020T-CL2.6310	1030T-CL2.6310	1040T-CL2.6310	1050T-CL2.6310						
3.3120					1060T-CL3.3120					
3.3440	1020T-CL3.3440	1030T-CL3.3440	1040T-CL3.3440	1050T-CL3.3440		1070T-CL3.3440				
3.3870						1070T-CL3.3870	1080T-CL3.3870	1090T-CL3.3870		
3.4690					1060T-CL3.4690	1070T-CL3.4690	1080T-CL3.4690	1090T-CL3.4690		
3.5000		1030T-CL3.5000	1040T-CL3.5000	1050T-CL3.5000						
3.8120									1100T-CL3.8120	
4.6880									1100T-CL4.6880	1110T-CL4.6880
4.7330									1100T-CL4.7330	1110T-CL4.7330
4.8120							1080T-CL4.8120			
5.2620									1100T-CL5.2620	
5.3250							1080T-CL5.3250	1090T-CL5.3250		
5.9375									1100T-CL5.9375	
5.9690					1060T-CL5.9690	1070T-CL5.9690	1080T-CL5.9690	1090T-CL5.9690		
6.8370										1110T-CL6.8370
6.9000								1090T-CL6.9000		

Shaft Hubs - Plain Bore & Bore-To-Size with Finished Bore, Keyway, and 2 Set Screws

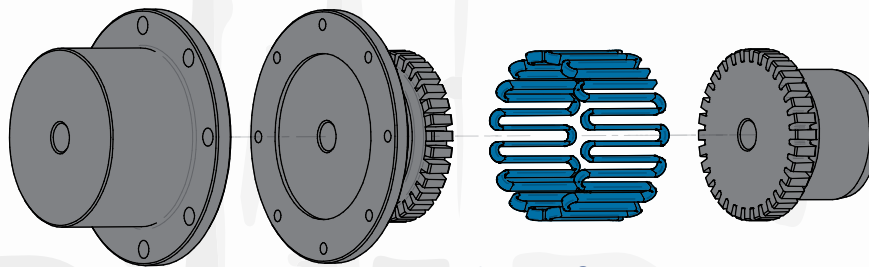
Bore Size	Keyway (Inches)	Part Number by Coupling Size									
		1020T	1030T	1040T	1050T	1060T	1070T	1080T	1090T	1100T	1110T
Plain Bore		1020T-SH	1030T-SH	1040T-SH	1050T-SH	1060T-SH	1070T-SH	1080T-SH	1090T-SH	1100T-SH	1110T-SH
1/2	1/8 x 1/16	1020T-SH1/2									
5/8	3/16 x 3/32	1020T-SH5/8	1030T-SH5/8								
3/4	3/16 x 3/32	1020T-SH3/4	1030T-SH3/4	1040T-SH3/4							
7/8	3/16 x 3/32	1020T-SH7/8	1030T-SH7/8	1040T-SH7/8							
1	1/4 x 1/8	1020T-SH1	1030T-SH1	1040T-SH1	1050T-SH1						
1 1/8	1/4 x 1/8	1020T-SH1 1/8	1030T-SH1 1/8	1040T-SH1 1/8	1050T-SH1 1/8	1060T-SH1 1/8					
1 1/4	1/4 x 1/8	1020T-SH1 1/4	1030T-SH1 1/4	1040T-SH1 1/4	1050T-SH1 1/4	1060T-SH1 1/4					
1 3/8	5/16 x 5/32	1020T-SH1 3/8	1030T-SH1 3/8	1040T-SH1 3/8	1050T-SH1 3/8	1060T-SH1 3/8	1070T-SH1 3/8				
1 1/2	3/8 x 3/16		1030T-SH1 1/2	1040T-SH1 1/2	1050T-SH1 1/2	1060T-SH1 1/2	1070T-SH1 1/2				
1 5/8	3/8 x 3/16		1030T-SH1 5/8	1040T-SH1 5/8	1050T-SH1 5/8	1060T-SH1 5/8	1070T-SH1 5/8	1080T-SH1 5/8		1100T-SH1 5/8	
1 3/4	3/8 x 3/16			1040T-SH1 3/4	1050T-SH1 3/4	1060T-SH1 3/4	1070T-SH1 3/4	1080T-SH1 3/4			
1 7/8	1/2 x 1/4			1040T-SH1 7/8	1050T-SH1 7/8	1060T-SH1 7/8	1070T-SH1 7/8	1080T-SH1 7/8	1090T-SH1 7/8		
2	1/2 x 1/4			1040T-SH2	1050T-SH2	1060T-SH2	1070T-SH2	1080T-SH2	1090T-SH2		
2 1/8	1/2 x 1/4			1040T-SH2 1/8	1050T-SH2 1/8	1060T-SH2 1/8	1070T-SH2 1/8	1080T-SH2 1/8	1090T-SH2 1/8		
2 1/4	1/2 x 1/4				1050T-SH2 1/4	1060T-SH2 1/4	1070T-SH2 1/4	1080T-SH2 1/4	1090T-SH2 1/4		
2 3/8	5/8 x 5/16				1050T-SH2 3/8	1060T-SH2 3/8	1070T-SH2 3/8	1080T-SH2 3/8	1090T-SH2 3/8		
2 1/2	5/8 x 5/16					1060T-SH2 1/2	1070T-SH2 1/2	1080T-SH2 1/2	1090T-SH2 1/2		
2 5/8	5/8 x 5/16					1060T-SH2 5/8	1070T-SH2 5/8	1080T-SH2 5/8	1090T-SH2 5/8		
2 7/8	3/4 x 3/8					1060T-SH2 7/8	1070T-SH2 7/8	1080T-SH2 7/8	1090T-SH2 7/8		
3	3/4 x 3/8						1070T-SH3	1080T-SH3	1090T-SH3	1100T-SH3	1110T-SH3
3 1/8	3/4 x 3/8							1080T-SH3 1/8	1090T-SH3 1/8		
3 1/4	3/4 x 3/8							1080T-SH3 1/4	1090T-SH3 1/4		
3 3/8	7/8 x 7/16							1080T-SH3 3/8	1090T-SH3 3/8	1100T-SH3 3/8	
3 1/2	7/8 x 7/16								1090T-SH3 1/2		
3 5/8	7/8 x 7/16								1090T-SH3 5/8		
3 7/8	1 x 1/2								1090T-SH3 7/8		
4	1 x 1/2								1090T-SH4	1100T-SH4	

Full Spacer Type T31 Application Shaft Separation – DBSE (Distance Between Shaft Ends)

DBSE	Spacer Hubs	1020T	1030T	1040T	1050T	1060T	1070T	1080T	1090T	1100T	1110T
3.500	Hub 1	1.625	1.625	1.625							
	Hub 2	1.625	1.625	1.625							
3.938	Hub 1	1.625	1.625	1.625							
	Hub 2	2.062	2.062	2.062							
4.250	Hub 1	1.625	1.625	1.625							
	Hub 2	2.375	2.375	2.375							
4.375	Hub 1	2.062	2.062	2.062	2.062						
	Hub 2	2.062	2.062	2.062	2.062						
4.688	Hub 1	2.062	2.062	2.062	2.062						
	Hub 2	2.375	2.375	2.375	2.375						
5.000	Hub 1	2.375	2.375	2.375	2.375	2.344	2.344				
	Hub 2	2.375	2.375	2.375	2.375	2.344	2.344				
5.219	Hub 1			1.625							
	Hub 2			3.344							
5.375	Hub 1		1.625	1.625							
	Hub 2		3.500	3.500							
5.510	Hub 1	2.631	2.631	2.631	2.631	2.600	2.600				
	Hub 2	2.631	2.631	2.631	2.631	2.600	2.600				
5.656	Hub 1		2.062	2.062	2.062						
	Hub 2		3.344	3.344	3.344						
5.813	Hub 1		2.062	2.062	2.062						
	Hub 2		3.500	3.500	3.500						
5.969	Hub 1		2.375	2.375	2.375						
	Hub 2		3.344	3.344	3.344						
6.125	Hub 1		2.375	2.375	2.375	2.344	2.344				
	Hub 2		3.500	3.500	3.500	3.469	3.469				
6.938	Hub 1	3.344	3.344	3.344	3.344	3.312					
	Hub 2	3.344	3.344	3.344	3.344	3.312					
7.000	Hub 1						3.344	3.344			
	Hub 2						3.344	3.344			
7.094	Hub 1			3.344	3.344		3.387	3.387	3.387		
	Hub 2			3.500	3.500		3.387	3.387	3.387		
7.250	Hub 1		3.500	3.500	3.500	3.469	3.469	3.469	3.469		
	Hub 2		3.500	3.500	3.500	3.469	3.469	3.469	3.469		
8.000	Hub 1									3.812	
	Hub 2									3.812	
8.593	Hub 1							3.469			
	Hub 2							4.812			
8.625	Hub 1					2.344	2.344				
	Hub 2					5.696	5.696				
8.875	Hub 1									3.812	
	Hub 2									4.688	
9.750	Hub 1					3.469	3.469	3.469	3.469	4.688	4.688
	Hub 2					5.969	5.969	5.969	5.969	4.688	4.688
9.938	Hub 1							4.812		4.733	4.733
	Hub 2							4.812		4.733	4.733
11.093	Hub 1							4.812			
	Hub 2							5.969			
12.250	Hub 1					5.969	5.969	5.969	5.969	5.938	
	Hub 2					5.969	5.969	5.969	5.969	5.938	
14.049	Hub 1										6.837
	Hub 2										6.837



T31 Full Spacer



T35 Half Spacer

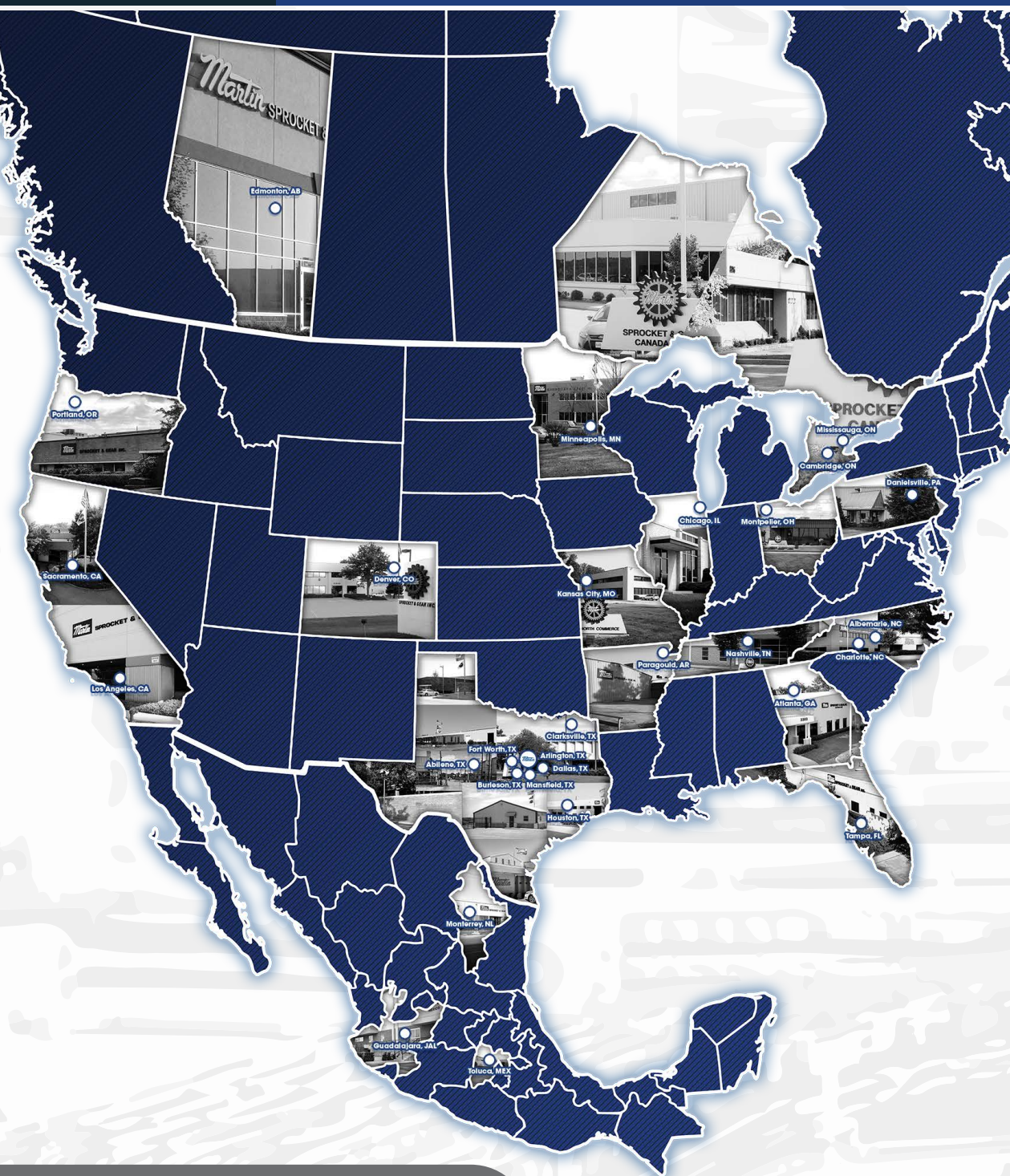
Half Spacer Type T35 Application Shaft Separation – DBSE (Distance Between Shaft Ends)

DBSE	Spacer Hub 1 side only	Half Spacer type T35 Application Shaft Separation DBSE (Distance Between Shaft Ends)									
		1020T	1030T	1040T	1050T	1060T	1070T	1080T	1090T	1100T	1110T
1.781	Hub 1	1.625	1.625	1.625							
	Hub 2	STD	STD	STD							
2.219	Hub 1	2.062	2.062	2.062	2.062						
	Hub 2	STD	STD	STD	STD						
2.531	Hub 1	2.375	2.375	2.375	2.375	2.344	2.344				
	Hub 2	STD	STD	STD	STD	STD	STD				
3.500	Hub 1	3.344	3.344	3.344	3.344	3.312					
	Hub 2	STD	STD	STD	STD	STD					
3.531	Hub 1						3.344	3.344			
	Hub 2						STD	STD			
3.656	Hub 1			3.500	3.500	3.469	3.469	3.469	3.469		
	Hub 2			STD	STD	STD	STD	STD	STD		
4.062	Hub 1									3.812	
	Hub 2									STD	
4.938	Hub 1									4.688	4.688
	Hub 2									STD	STD
5.000	Hub 1							4.812		4.733	4.733
	Hub 2							STD		STD	STD
6.156	Hub 1					5.969	5.969	5.969	5.969		
	Hub 2					STD	STD	STD	STD		
6.188	Hub 1									5.938	
	Hub 2									STD	
7.090	Hub 1										6.837
	Hub 2										STD

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