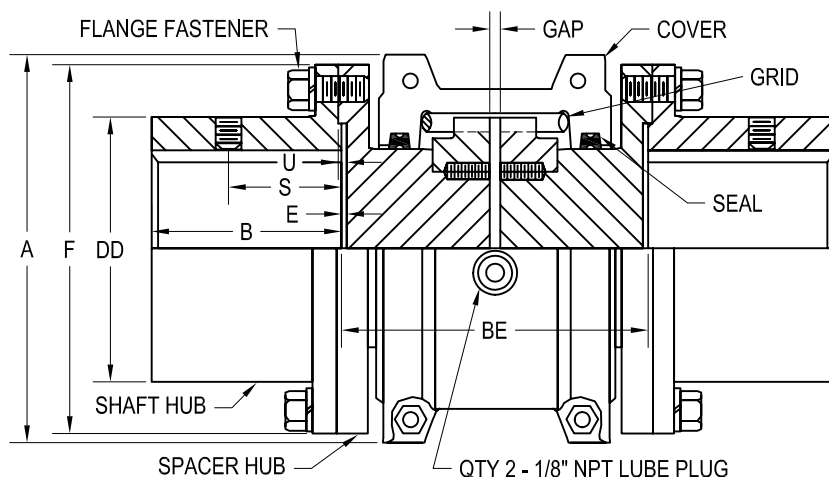


Clarke Tapered Grid Couplings

Type C31

Full Spacer/Dimensions - Inches



C31 Full Spacer Coupling
Standard Stock Spacer Lengths
(BE=Distance Between Shaft Ends)

Between Shaft Ends			Coupling Size				
Inch	Millimeters	Pump Std	C1040T	C1050T	C1060T	C1070T	C1080T
3.50	89	ANSI	X	...	...	...	...
3.94	100	ISO	X	...	...	...	...
4.25	108	MISC	X	...	...	...	...
4.38	111	ANSI	X	X	...	...	...
4.69	119	MISC	X	X	...	...	...
5.00	127	ANSI	X	X	X	X	...
5.22	133	MISC	X	...	...	...	...
5.38	137	MISC	X	...	...	...	...
5.51	140	ISO	X	X	X	X	...
5.66	144	MISC	X	...	...	...	...
5.81	148	MISC	X	X	...	...	...
5.97	152	MISC	X	X	...	...	...
6.12	155	MISC	X	X	X	X	...
6.94	176	MISC	X	X	X	...	...
7.00	178	ANSI	...	...	...	X	X
7.09	180	ISO	X	X	...	X	X
7.25	184	ANSI	X	X	X	X	X
8.00	203	MISC	...	...	...	...	...
8.59	218	MISC	...	...	...	...	X
8.62	219	MISC	...	...	X	X	...
8.88	226	MISC	...	...	...	...	X
9.75	248	ANSI	...	...	X	X	...
9.84	250	ISO	...	...	...	...	X
9.94	252	MISC	...	...	...	...	X
11.09	282	MISC	...	...	...	...	X
12.25	311	ANSI	...	...	X	X	...

SIZE	MAX TORQUE RATING (ft-lb)	Allow Speed (rpm)	Max Bore	Min Bore	Cplg Wt With No Bore-lb & Min BE (lb)	Wt Added Per Inch of BE over Min	Lube Wt lb	DIMENSIONS - INCHES										No. per Flange & SAE Grade	Dia Inches
								A	B	BE		DD	E	F	S	U	Gap		
C1040T	184	3,600	2.125	0.500	18.6	1.17	0.12	4.50	2.12	3.50	8.5	3.09	0.03	4.44	1.08	0.08	0.188	8, Gr 8	0.250
C1050T	321	3,600	22.375	0.500	28.2	1.58	0.15	5.32	2.38	4.37	8.5	3.44	0.03	4.94	1.60	0.08	0.188	8, Gr 8	0.312
C1060T	505	3,600	2.875	0.750	45.1	2.06	0.19	5.82	2.88	4.81	13.0	4.06	0.06	5.69	1.70	0.11	0.188	8, Gr 8	0.375
C1070T	732	1,800	3.125	0.750	54.6	2.69	0.25	6.25	3.12	5.00	13.0	4.31	0.06	6.00	1.84	0.11	0.188	12, Gr 8	0.375
C1080T	1,511	1,800	3.500	1.062	88.1	3.86	0.38	7.50	3.50	6.12	16.0	4.81	0.06	7.00	1.96	0.11	0.188	12, Gr 5	0.500

* Covers are Cast Aluminum.

* Clarke Tapered Grid Couplings are only for use with electric motor driven fire pumps.

* Hub bores are for clearance fit with setscrew over keyway.

