

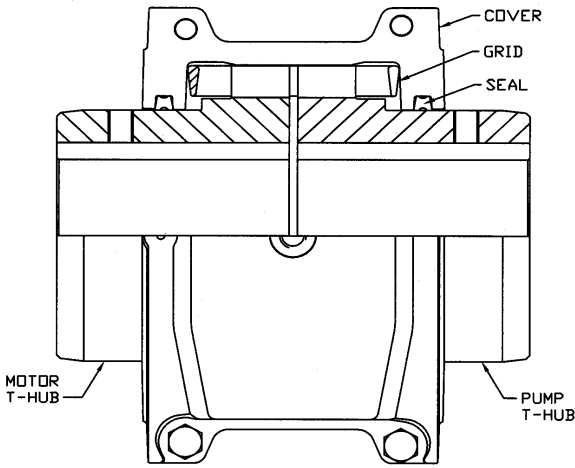


COMPONENT PART NUMBERS FOR CERTIFIED C10 COUPLINGS
Fire Pump Couplings for Electric Motors

APPLICATION GUIDELINE									
MODEL	MAX. SPEED (RPM)	Max. Torque Rating (in-lbs)	Min. Torque Rating (in-lbs)	MAX. BORE SQUARE KEY (inch)	Rated BHP / kW at RPM				
					OPERATING SPEED - RPM				
					1450	1750	1800	3000	3600
C1040T	3,600	2,200	576	1.625	50.8	61.3	63.1	105	126
					37.9	45.7	47.1	78.3	94
C1050T	3,600	3,850	576	1.875	89	107	110	183	220
					66.4	79.8	82.0	136.5	164.1
C1060T	3,600	6,050	576	2.125	139	168	173	288	346
					103.7	125.3	129.0	214.8	258
C1070T	1,800	8,800	1,080	2.500	202	244	251		
					150.6	182	187.2		
C1080T	1,800	18,150	1,080	3.000	417	503	518		
					311	375.1	386.3		



Type C10
Close-Coupled Coupling



* Rough Stock Bore = Solid Hub with Centering Dimple for machining of special bores & keyways.

GRID & COVER ASSEMBLY					
Model	C1040T	C1050T	C1060T	C1070T	C1080T
Part Number	C081004	C081005	C081006	C081007	C081008

Grid & Cover Assembly consists of:
(1) Cover
(1) Grid
(1) Hardware Set
(1) Grease Pack
(2) Seals
(2) Gaskets

NOTES: 1. Complete Coupling assembly consists of:
(1) Grid & Cover Assembly
(1) Motor T-Hub
(1) Pump T-Hub

2. For bores and keyways not shown contact Clarke.
3. T-Hubs are designed for clearance fit with set screw over keyway.
4. Couplings cannot be used with diesel engines.

5. Motor certified couplings (for rated BHP's & speeds given in table above) can only be used with *fixed speeds Centrifugal Fire Pumps*, contact Clarke for application guidelines for *Positive Displacement Fire Pumps and Variable Speed Fire Pumps*.

6. ===== Denotes maximum bore with square key.

7. Shading denotes oversize bores with shallow keyway.

STANDARD T - HUBS (Clearance Fit)							
Diameter (inch)	Keyway (inch)	Motor Frame Size (Reference)	C1040T	C1050T	C1060T	C1070T	C1080T
0.500	0.125 x 0.063		C081402	C081502			
0.563	0.125 x 0.063		C081404	C081504			
0.625	0.188 x 0.094		C081406	C081506			
0.688	0.188 x 0.094		C081408	C081508			
0.750	0.188 x 0.094		C081410	C081510	C081602	C081702	
0.812	0.188 x 0.094		C081412	C081512	C081604	C081704	
0.875	0.188 x 0.094	143T/145T	C081414	C081514	C081606	C081706	
0.938	0.250 x 0.125		C081416	C081516	C081608	C081708	
1.000	0.250 x 0.125		C081418	C081518	C081610	C081710	
1.063	0.250 x 0.125		C081420	C081520	C081612	C081712	C081802
1.125	0.250 x 0.125	182T/184T	C081422	C081522	C081614	C081714	C081804
1.188	0.250 x 0.125		C081424	C081524	C081616	C081716	C081806
1.250	0.250 x 0.125		C081426	C081526	C081618	C081718	C081808
1.312	0.312 x 0.156		C081428	C081528	C081620	C081720	C081810
1.375	0.312 x 0.156	213T/215T	C081430	C081530	C081622	C081722	C081812
1.375	0.375 x 0.188		C081431	C081531	C081623	C081723	C081813
1.438	0.375 x 0.188		C081432	C081532	C081624	C081724	C081814
1.500	0.375 x 0.188		C081434	C081534	C081626	C081726	C081816
1.563	0.375 x 0.188		C081436	C081536	C081628	C081728	C081818
1.625	0.375 x 0.188	254T/256T 284TS/286TS	C081438	C081538	C081630	C081730	C081820
1.688	0.375 x 0.188			C081540	C081632	C081732	C081822
1.750	0.375 x 0.188			C081542	C081634	C081734	C081824
1.750	0.375 x 0.125		C081440				
1.750	0.375 x 0.063		C081441				
1.813	0.500 x 0.250			C081544	C081636	C081736	C081826
1.875	0.500 x 0.250			C081546	C081638	C081738	C081828
1.938	0.500 x 0.250				C081640	C081740	C081830
2.000	0.500 x 0.250				C081642	C081742	C081832
2.000	0.500 X 0.188			C081548			
2.063	0.500 x 0.250				C081644	C081744	C081834
2.125	0.500 x 0.250		324T/326T 404TS/405TS		C081646	C081746	C081836
2.125	0.500 x .125			C081549			
2.188	0.500 x 0.250					C081748	C081838
2.250	0.500 x 0.250					C081750	C081840
2.250	0.500 x 0.188				C081648		
2.312	0.625 x 0.312					C081752	C081842
2.375	0.625 x 0.312		364T/365T 444TS/445TS			C081754	C081844
2.375	0.625 x 0.125				C081649		
2.438	0.625 x 0.312					C081756	C081846
2.500	0.625 x 0.312					C081758	C081848
2.563	0.625 x 0.312						C081850
2.625	0.625 x 0.312						C081852
2.688	0.625 x 0.312						C081854
2.688	0.625 x 0.218					C081760	
2.750	0.625 x 0.312						C081856
2.813	0.750 x 0.375						C081858
2.875	0.750 x 0.375						C081860
2.875	0.750 x 0.125					C081761	
2.938	0.750 x 0.375					C081862	
3.000	0.750 x 0.375					C081864	
3.125	0.750 X 0.250					C081868	
3.250	0.750 x 0.250					C081866	
3.375	0.875 x 0.188					C081867	