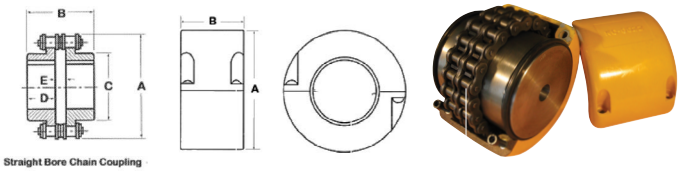
The Finer Chain Coupling consists of two sprockets joined together by standard duplex roller chain. This highly compact structure provides high flexibility between shafts, power transmission capabilities and is durable and robust.
Chain Couplings allow for easy maintenance, it is a simple easy on/easy off process.
Finer Power Transmissions Chain Couplings are supplied with covers standard.



Straight Bore Chain Coupling

Chain Coupling Ratings

Coupling	Min. Bore	Max. Bore	Max. RPM		Weight Kg	A	B	C	D	E
			Without Cover	With Cover						
C4012	14	22	875	5000	0.73	62	79.4	36	36	7.4
C4016	16	32	875	5000	1.5	77	87.4	51.5	40	7.4
C5016	18	40	800	4000	2.75	96	99.7	64	45	9.7
C5018	18	45	800	4000	3.6	106	99.7	73.5	45	9.7
C6018	22	56	675	3000	6.55	127	123.5	89.5	56	11.5
C6020	-	-	-	-	-	-	-	-	-	-
C6022	28	71	675	3000	10.4	151	123.5	116	56	11.5
C8018	32	80	500	2000	13.2	169	141.2	115	63	15.2
C8020	30	85	500	2000	18.2	211	138	125	67	120
C8022	40	100	500	2000	21.8	202	157.2	142	71	15.2
C10020	45	110	450	1800	32.4	233	178.8	162	80	18.8
C12022	40	150	450	1800	77.0	355	180	220	119	210

For increased safety Chain Coupling covers should be used. The cover not only improves the safety of the work place but also increases the Chain Couplings overall durability.
(2) Space required to loosen bushing with shortened hex key

Coupling Covers	Cover Required when RPM Exceeds	A	B	Weight
C4012	875	77	72	0.3
C4016		92	72	0.35
C5016	800	110	87	0.5
C5018		122	85	0.6
C6018	675	147	105	1.2
C6022		168	117	1.2
C8018	500	190	129	1.9
C8022		226	137	2.7
C10020	450	281	153	4.1

Power Rating Capacity

Coupling No.	Max shaft diam. (mm)	Allowable transmission torqur at 50rpm or less (kgf.m)	Coupling speed (rpm)																					
			1	5	10	25	50	100	200	300	400	500	600	800	1000	1200	1500	1800	2000	2500	3000	3600	4000	4800
4012	22	22.2	0.02	0.11	0.22	0.58	1.15	1.73	2.63	3.46	4.15	4.96	5.67	7.01	8.53	9.68	11.6	13.7	14.8	17.9	20.7	24.1	26.3	30.8
4016	32	39.4	0.04	0.21	0.41	1.03	2.06	3.09	4.69	6.17	7.41	8.85	10.1	12.5	15.3	17.3	21	24.4	26.3	31.9	37	43	46.9	54.9
5016	40	75	0.08	0.39	0.78	1.95	3.91	5.86	8.92	11.7	14.1	16.8	19.2	23.8	28.9	32.9	39.9	46.4	50	60.6	70.4	81.6	-	-
5018	45	95	0.1	0.5	0.99	2.48	4.95	7.43	11.3	14.9	17.8	21.3	24.4	30.1	36.6	41.6	50.5	58.8	63.4	76.8	89.2	-	-	-
6018	56	179	0.18	0.93	1.87	4.67	9.33	14	21.3	28	33.6	40.1	45.9	56.8	69.1	78.4	95.2	111	120	145	-	-	-	-
6022	71	242	0.25	1.25	2.51	6.31	12.5	18.8	28.6	37.7	45.3	54.1	61.9	76.5	93.1	105	128	149	161	195	-	-	-	-
8018	80	396	0.41	2.07	4.14	10.3	20.7	31	47.2	62.1	74.5	89	101	125	153	174	211	246	265	-	-	-	-	-
8022	100	570	0.59	2.96	5.93	14.8	29.6	44.5	67.2	89	106	127	146	180	219	249	302	352	379	-	-	-	-	-
10020	110	896	0.93	4.66	9.33	23.3	46.6	70	106	140	168	200	229	283	345	392	476	554	-	-	-	-	-	-
12022	140	1750	1.81	9.07	18.1	45.3	90.7	136	206	272	326	390	446	551	671	762	-	-	-	-	-	-	-	-
Lubrication method			A					B			C													