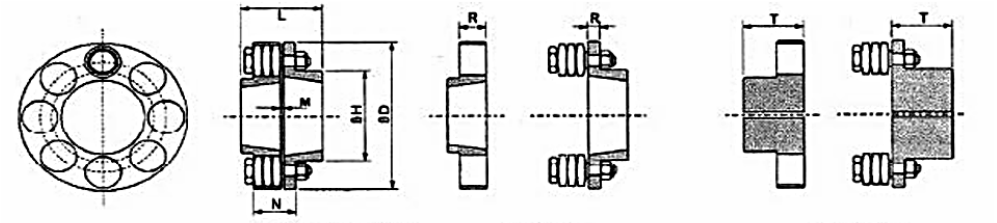
Cone Ring Couplings

FINERPOWER TRANSMISSIONS

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Finer Cone Ring Couplings are based on a time proven design. The coupling consists of two flanges interlocked
with a number of elements, depending on the coupling size.
The Cone Ring Coupling's unique flexible element comprises tapered rubber rings mounted on steel pins.
The rubber rings absorb commonly encountered misalignment, shock and vibration.
The Cone Ring Coupling is as popular as ever for its ease of maintenance.
No Lubrication is required. The Pin and Rubber design ensures trouble free maintenance, as they can be removed and changed without the need to take the coupling off the shafts.
The flanges are high-grade cast iron; the pins are hexagonal steel bar; and the rings are available in synthetic rubber and polyurethane.





TYPICAL TAPERLOCK KXT ASSEMBLY | **TAPERLOCK KXT BUSH HALF KXT PIN HALF** | **PILOT BORE KX BUSH HALF KX PIN HALF**

Size	No. of Pins (Rubbers)	Pin/ Rubber Size (D.Brown)	Max.Bore PB/ Bush Size		D	H		L	M	R		T		Kg	
			Pin Half	Bush Half		Pin Half	Bush Half			Pin Half	Bush Half	Pin Half	Bush Half	Pin Half	Bush Half
KX020	6 (18)	1 ((GC3/4"-3)	28	20	88	35	44	OA	6	12	23	53	33	OA	OA
KX030	4 (12)	2 (GC 1"-3)	38	32	127	64	58	85	3	12	26	41		1.8	2.5
KX038	6 (18)	2 (GC 1"-3)	42	38	132	72	64	99	3	12	26	48		2.1	2.3
KX042	8 (24)	2 (GC 1"-3)	48	42	146	83	78	115	3	12	26	56		3.0	3.2
KXT042			1610	1215				69.5				28.4	38.1	1.8	2.3
KX048	6 (18)	3 (GC 1 3/4"-3)	55	48	171	90	82	90	3	17	33	61		4.9	5.0
KXT048			2012	1615				82				35	38.1	3.6	4.6
KX058	8 (24)	3 (GC 1 3/4"-3)	65	58	193	106	98	139	3	17	33	68		5.1	5.9
KXT058			2517	2012				82.3				47.5	31.8	3.8	5.6
KX070	10 (30)	3 (GC 1 3/4"-3)	75	70	216	128	117	155	3	17	33	76		9.2	9.0
KXT070			3020	2525				121.5				55	63.5	6.1	7.6
KX075	8 (32)	4 (GC 2 3/4"-3)	80	75	254	127	127	179	3	30	56	88		16.5	16.9
KX085	10 (40)	4 (GC 2 3/4"-3)	105	85	279	166	148	203	3	30	56	100		22.4	21.5
KXT085			3535	3030				172.2				93	76.2	17.1	19.6
KX105	12 (48)	4 (GC 2 3/4"-3)	120	85	330	202	180	237	3	30	56	117		36.3	35.0
KXT105			4040	3535				197.5				105.6	88.9	24.5	27.5
KX120	10 (40)	5 (GC 4 1/4"-3)	130	120	370	232	206	270	6	46	76	132		56.1	51.0
KXT120			4040	4040				217.2				105.6	105.6	39.5	40.5
KX135	12 (48)	5 (GC 4 1/4"-3)	135	135	419	240	230	300	6	46	76	147		70.0	71.0
KXT135			4545	4545				239.6				119.3	114.3	52.8	56.8
KX150	14 (56)	5 (GC 4 1/4"-3)	150	150	457	160	256	336	6	46	76	165		88.6	93.0
KXT150			5050	5050				265				132	127	66.8	72.8
KX170	10 (40)	6 (GC 6-1/4"-3)	190	170	533	320	292	OA	6	63	92	188		305	OA

NB -Pin coupling halves are supplied complete with pins, nuts and rubbers

REPLACEMENT PARTS ALSO STOCK SEPARATELY: NBR Rubber Rings, Polyurethane Rings, Pin & Nuts, Pin & Nut Assemblies with NBR Rubbers

Every effort has been taken to ensure that the data listed in this catalogue is correct.
Finer Power Transmissions P/L will not accept liability for any damage or loss caused as a result of the data in this catalogue.

Cone Ring Couplings

Size	Power Ratings (Kw @)						
	100 rpm	720 rpm	960 rpm	1440 rpm	2880 rpm	Max .rpm	Nominal Torque (Nm)
020	0.55	3.96	5.28	7.92	15.84	6500	53
030	1.16	8.4	11.1	16.7	33.4	4600	110
038	1.87	13.5	18.0	26.9	53.9	4400	175
042	2.84	20.4	27.3	40.9	81.8	4000	265
048	4.93	35.5	47.3	71.0	142.0	3400	465
058	7.54	54.3	72.4	108.6	217.2	3020	720
070	10.70	77.0	102.7	154.1	-	2700	1020
075	25.7	185.0	246.7	370.1	-	2300	2450
085	35.5	255.6	340.8	511.2	-	2090	3390
105	53	382	509	763	-	1760	5080
120	90	648	864	1296	-	1570	8474
135	122	878	1171	-	-	1390	11520
150	159	1145	1526	-	-	1280	15140
170	246	1771	2362	-	-	1090	23500

Selection Procedure

1. From the service factors table (below) determine the service factor.
2. Calculate the Design Power by multiplying the Absorbed Power of the driven machine by the Service Factor.
3. Determine the size of coupling required by matching the design power to a power rating that matches or exceeds the Design Power.

The Pin Half is normally mounted on the drive shaft.

Duty	Electric Motors
Uniform	1.0
Light	1.5
Moderate	2.0
Heavy	2.5
Severe	3.0

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