

# SUMO Chain Coupling

## Description

The roller chain coupling is a flexible coupling of amazingly simple construction. It consists of a combination of one coupling chain and a pair of coupling sprockets. Flexible and strong, roller chain coupling is suitable for a wide range of coupling applications.

### Compact and Powerful

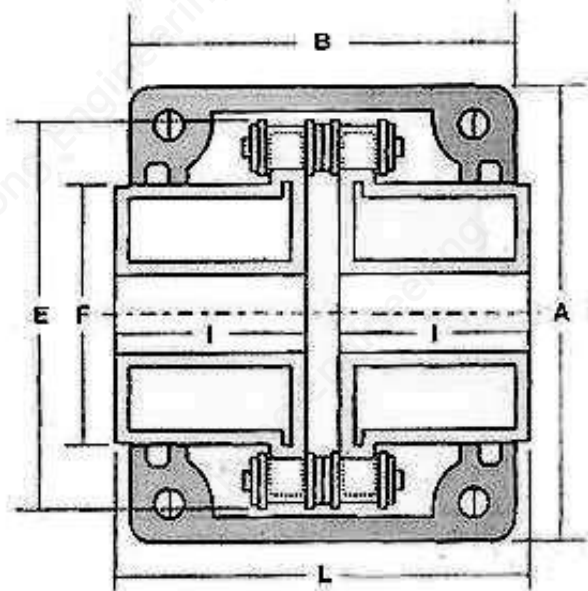
Torque is apportioned over the whole roller chain and all sprocket teeth, and is held at a point close to the outer diameter of the sprockets. This construction and the superior qualities of roller chain combine to make a compact and lightweight coupling.

### Safe and Smart

The casing, which revolves with the body of the coupling, has an attractive design. And unlike other couplings, there are no dangerous projecting bolts. Connecting and removing the shafts is simply accomplished using a connecting pin.

### Easy Alignment

Shafts to be coupled should be aligned as accurately as possible along a straight line. Unfortunately, this proves quite difficult. The chain coupling provides necessary flexibility because the chain and sprocket produce a clearance. In addition to protecting the bearings from overheating and abrasion, it safeguards the machine during use.



Coupling No.	Max Dia.	Coupling(mm)					Casting(mm)		
		E	L	F	I	Approx. Wt(kg).	A	B	Approx. Wt(kg).
KC-3012	16	45	65.0	27.2	29.5	0.31	69	63	0.22
KC-4012	22	62	78.4	36.0	36.0	0.73	77	72	0.30
KC-4014	28	69	79.4	45.0	36.0	1.12	84	75	0.31
KC-4016	32	77	86.4	51.5	40.0	1.50	92	75	0.35
KC-5014	35	86	99.7	56.0	45.0	2.15	101	85	0.47
KC-5016	40	96	99.7	64.0	45.0	2.75	112	85	0.50
KC-5018	45	106	98.2	73.5	45.0	3.60	122	85	0.60
KC-6018	56	127	123.5	89.5	56.0	6.55	142	107	1.20
KC-6020	60	139	123.5	102.5	56.0	8.38	158	105	1.20
KC-6022	71	151	123.5	115.0	56.0	10.40	168	117	1.20
KC-8018	80	169	141.2	115.0	63.0	13.20	190	129	1.90
KC-8020	90	185	145.2	125.0	65.0	16.20	210	137	2.50
KC-8022	100	202	157.2	142.0	71.0	21.80	226	137	2.70
KC-10020	110	233	178.8	162.0	80.0	32.40	281	153	4.10
KC-12018	125	256	202.7	173.0	90.0	43.20	307	181	5.20
KC-12022	140	304	222.7	213.0	100.0	69.10	357	181	6.70