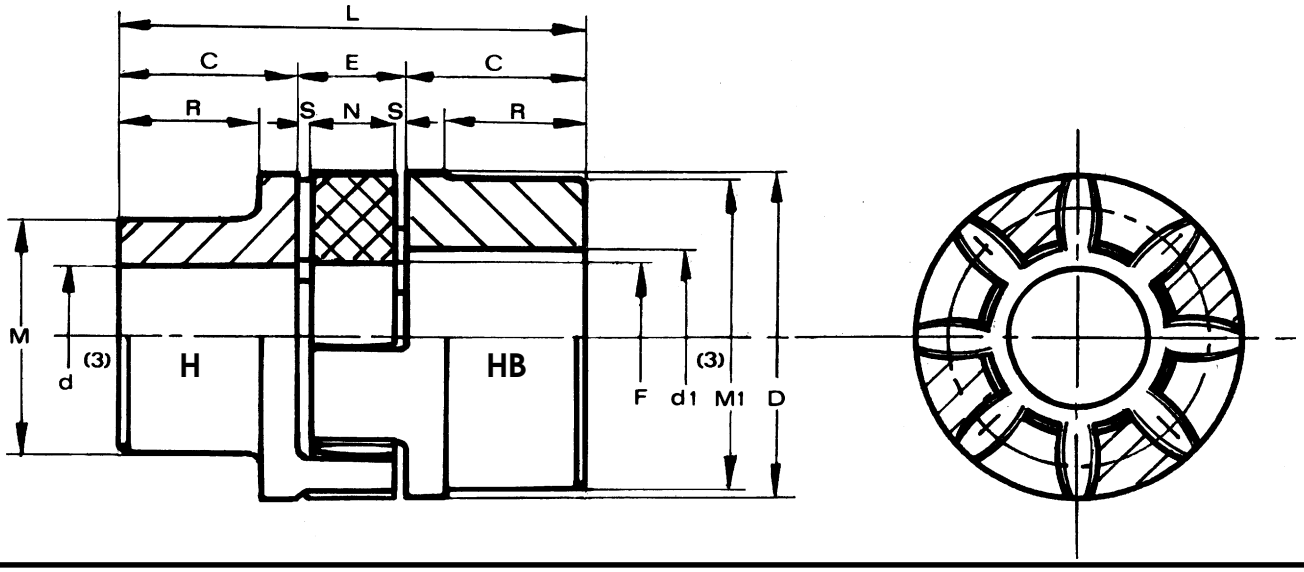
Metric Star Coupling
(Plastic "Star" Ring)



Series	Finished Bore* H d Max.	HB d_1 Max.	C	D	E	F	H Small Hub M	HB Large Hub M_1	N	S	L	R
EC19/24	19	24	25	40	16	18	30	40	12	2	66	19
EC24/32	24	32	30	55	18	27	40	55	14	2	78	24
EC28/38	28	38	35	65	20	30	48	65	15	2.5	90	27.5
EC38/45	38	45	45	80	24	38	66	78	18	3	114	36.5
EC42/55	42	55	50	95	26	46	75	94	20	3	126	40
EC48/60	48	60	56	105	28	51	85	104	21	3.5	140	45
EC55/70	55	70	65	120	30	60	98	118	22	4	160	52
EC65/75	65	75	75	135	35	68	115	134	26	4.5	185	61
EC75/90	75	90	85	160	40	80	135	158	30	5	210	69

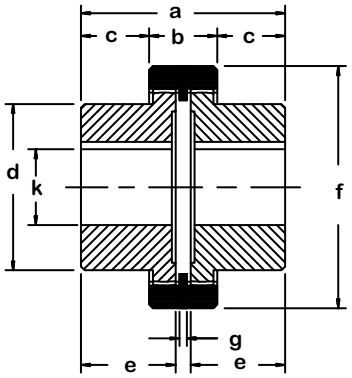
Series EC19/24 through EC28/38 are constructed of C45 (ANSI 1045) steel, and Series EC34/45 through EC75/90 are constructed of GG20 (ASTM A159) cast iron.

***Jaws are furnished as minimum plain bore (MPB), pilot bore, or bored to size with H7 bore plus standard keyway and setscrew.**

Technical Data

Series	Max Speed rpm	Star Hardness Shore A	Torque Nm Normal	Torque Nm Max	Star Weight kg	H Type Jaw Weight Ea. kg	HB Type Jaw Weight Ea. kg	Inertia With Max Bore kg cm²	Maximum Jaw Displacement Angular α	Maximum Jaw Displacement Radial mm	Axial Displace-ment mm
EC19/24	14,000	94	10	20	0.004	0.18	0.25	0.8	±1.2°	0.20	±1.2
EC24/32	10,600	94	35	70	0.014	0.36	0.55	3	±0.9°	0.20	±1.4
EC28/38	8,500	94	95	190	0.025	0.60	0.85	7	±0.9°	0.25	±1.5
EC38/45	7,100	94	190	380	0.042	1.35	1.65	20	±1.0°	0.28	±1.8
EC42/55	6,000	94	265	530	0.066	2.00	2.30	50	±1.0°	0.32	±2.0
EC48/60	5,600	94	310	620	0.088	2.75	3.10	80	±1.1°	0.36	±2.1
EC55/70	4,750	94	375	750	0.116	4.20	4.50	160	±1.1°	0.38	±2.2
EC65/75	4,250	94	425	850	0.172	6.50	6.80	310	±1.2°	0.42	±2.6
EC75/90	3,550	94	975	1,950	0.325	10.00	10.80	680	±1.2°	0.48	±3.0

Metric Gear Coupling
(with Nylon Outer Sleeve)



Series	Available Bores H7 Tolerance f	d	k	e	g	c	b	a	Set Screw at 90°
0.5/14	40	25	11-14	23	3	6.5	37	50	M4x4
2/24	52	36	14-19-24	26	3	7.5	41	56	M6x6
3.5/28	66	44	19-22-24-28	40	3	19	46	84	M6x8
5/32	76	50	22-24-28-32	40	3	18	48	84	M8x10
6.5/38	83	58	24-28-32-38	40	3	18	48	84	M8x12
8/42	92	65	28-32-38-42	42	3	19	50	88	M10x12
12/48	100	68	32-38-42-48	50	3	27	50	104	M10x12
30/65	140	96	38-42-48-65	70	3	36	72	144	M12x20
40/80	175	124		90	4	46.5	93	186	

***A complete coupling consists of (3) pieces. (2) hubs and (1) sleeve. Ordered separately**

Technical Data

Series	Power kW / 1/min	Torque Nm	Transmitted Power in kW at listed RPM 500	750	1000	1500	3000	Max. RPM	Weight kg	kgcm²	Max. Misalignment for Each Hub Angular α°	Radial mm	Axial Displacement
0.5/14	0.0010	10	0.5	0.8	1.1	1.6	3.1	14,000	0.210	0.26	±1	±0.3	±1
2/24	0.0021	21	1	1.6	2.1	3.2	6.4	10,500	0.480	1.15	±1	±0.4	±1
3.5/28	0.0047	45	2.4	3.5	4.8	7.1	14	8,500	1.180	3.95	±1	±0.4	±1
5/32	0.0062	60	3	4.7	6.3	9.5	19	7,600	1.470	6.78	±1	±0.4	±1
6.5/38	0.0085	81	4.3	6.4	8.4	12.5	25	6,700	1.910	10.80	±1	±0.4	±1
8/42	0.0011	100	5.2	8	10	16	32	6,000	2.520	12.64	±1	±0.4	±1
12/48	0.016	142	7.4	11	15	22	44	5,580	3.21	22.66	±1	±0.4	±1
30/65	0.040	380	20	30	40	60	120	4,000	8.86	125.65	±1	±0.6	±1
40/80	0.073	700	38	55	74	110	220	3,100	18.60	400.00	±1	±0.7	±1

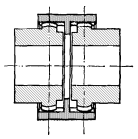
Note: The maximum power rating is 2x (two times) the values shown in the above table.

ORDERING EXAMPLE: HUB FINISHED BORE H 0.5/14 B11 HUG W = H 0.5/14 SERIES WITH 11mm BORE

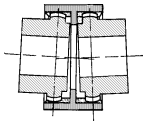
HUB UNBORE H 2/24 = H 2/24 SERIES

SLEEVE SL 8/42 = 8/42 SLEEVE

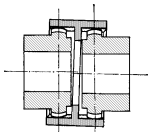
LONG SLEEVE HL 5/32 = 5/32 LONG SLEEZE



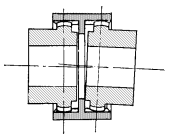
Properly Aligned



Angular Misalignment



Radial Misalignment

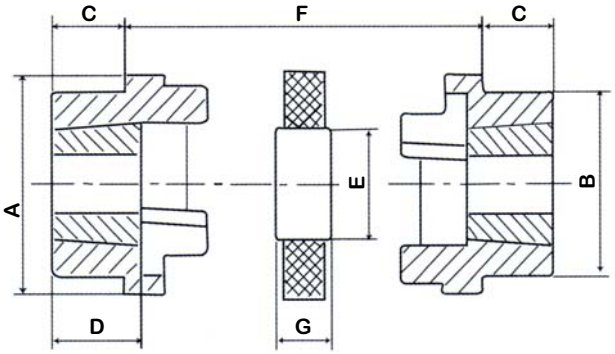


Angular & Radial Misalignment

HRC Flexible Couplings

Type F

Type H



Flange - Cast Iron

Insert - Rubber

HRC Taper Bore

Dimensions In mm

HRC Coupling	Bush	Max Bore		Dimensions									Mass
		MM	INS	A	B	E	F	G	C	D	J	L	KG
HRC 70F-1008	1008	25	1	69	60	31	25	18	20	23.5	29	65	1
HRC 90F-1108	1108	28	1.18	85	70	32	30.5	22.5	19.5	23.5	29	69.5	1.78
HRC 110F-1610	1610	42	1.58	112	100	45	45	29	18.5	26.5	38	82	5
HRC 130F-1610	1610	42	1.58	130	105	50	53	36	18	26.5	38	89	5.46
HRC 150F-2012	2012	50	2	150	115	62	60	40	23.5	33.5	42	107	7.11
HRC 180F-2517BSW	2517	60	2.12	180	125	77	73	49	34.5	46.5	48	142	16.6
HRC 230F-3020	3020	75	3	225	155	99	85.5	59.5	39.5	52.5	55	164.5	26
HRC 280F-3525BSW	3525	100	4	275	206	119	105.5	74.5	51	66.5	67	207.5	50
HRC 70H-1008	1008	25	1	69	60	31	25	18	20	23.5	29	65	1
HRC 90H-1108	1108	28	1.18	85	70	32	30.5	22.5	19.5	23.5	29	69.5	1.78
HRC 110H-1610	1610	42	1.58	112	100	45	45	29	18.5	26.5	38	82	5
HRC 130H-1610	1610	42	1.58	130	105	50	53	36	18	26.5	38	89	5.46
HRC 150H-2012	2012	50	2	150	115	62	60	40	23.5	33.5	42	107	7.11
HRC 180H-2517BSW	2517	60	2.12	180	125	77	73	49	34.5	46.5	48	142	16.6
HRC 230H-3020	3020	75	3	225	155	99	85.5	59.5	39.5	52.5	55	164.5	26
HRC 280H-3525BSW	3525	100	4	275	206	119	105.5	74.5	51	66.5	67	207.5	50
HRC 70-S	-	32	1 1/4	69	60	31	25	18	20	23.5	-	65	-
HRC 90-S	-	42	1 5/8	85	70	32	30.5	22.5	19.5	23.5	-	69.5	-
HRC 110-S	-	55	2 1/8	112	100	45	45	29	18.5	26.5	-	82	-
HRC 130-S	-	60	2 3/8	130	105	50	53	36	18	26.5	-	89	-
HRC 150-S	-	70	2 3/4	150	115	62	60	40	23.5	33.5	-	107	-
HRC 180-S	-	80	3 1/8	180	125	77	73	49	34.5	46.5	-	142	-
HRC 230-S	-	100	4"	225	155	99	85.5	59.5	39.5	52.5	-	164.5	-
HRC 280-S	-	130	5"	275	206	119	105.5	74.5	51	66.5	-	207.5	-
HRC 70-L	-	32	1 1/4	69	60	31	25	18	20	23.5	-	65	-
HRC 90-L	-	42	1 5/8	85	70	32	30.5	22.5	26	30	-	82.5	-
HRC 110-L	-	55	2 1/8	112	100	45	45	29	37	45	-	119	-
HRC 130-L	-	60	2 3/8	130	105	50	53	36	47	55.5	-	147	-
HRC 150-L	-	70	2 3/4	150	115	62	60	40	50	60	-	160	-
HRC 180-L	-	80	3 1/8	180	125	77	73	49	58	70	-	189	-
HRC 230-L	-	100	4"	225	155	99	85.5	59.5	77	90	-	239.5	-
HRC 280-L	-	130	5"	275	206	119	105.5	74.5	90	105.5	-	285.5	-

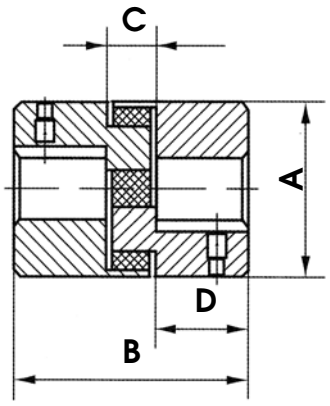
J = The wrench clearance required for tightening and loosening the bush on the shaft.
L = The total length (C+C+F)

The taper bushing coupling is widely used. It's characteristic is simple construction, safe and reliable in use and easy to install. Maintenance is virtually eliminated and no lubricant is required in the running term. These couplings are made of GG25 high grade cast iron and phosphate for the surface to ensure strength for safe running under rated conditions.

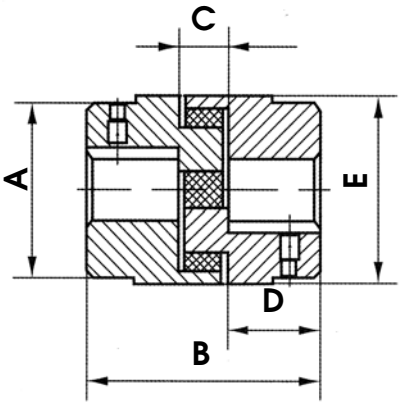
Rubber Elements	
HRC 70-RE	HRC 150-RE
HRC 90-RE	HRC 180-RE
HRC 110-RE	HRC 230-RE
HRC 130-RE	HRC 280-RE

Metric Type L Couplings

L035-L150



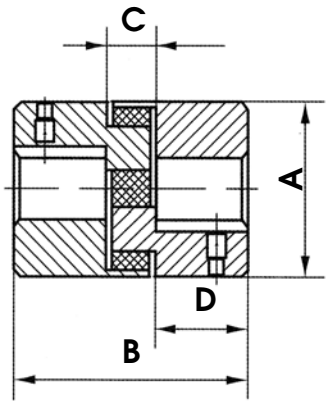
L190-L276



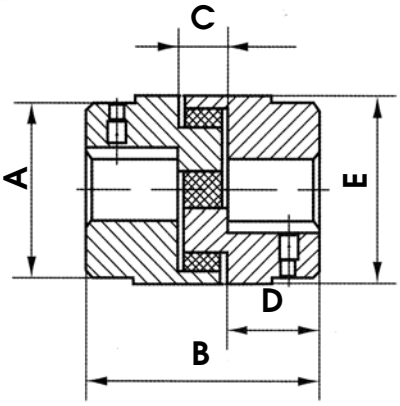
Part Number	Fundamental Dimensions					Torque Needed kgm	Rotational Speed r/om	Bore Size mm	Bore Max mm	Mass kg
	A	B	C	D	E					
L035 4MM N/KW	16	21	8	6.5	-	0.05	30.000	4	9	0.03
L035 5MM N/KW	16	21	8	6.5	-	0.05	30.000	5	9	0.03
L035 6MM N/KW	16	21	8	6.5	-	0.05	30.000	6	9	0.03
L035 7MM N/KW	16	21	8	6.5	-	0.05	30.000	7	9	0.03
L035 8MM N/KW	16	21	8	6.5	-	0.05	30.000	8	9	0.03
L050 5MM N/KW	28	45	12	15.5	-	0.3	17.000	5	16	0.13
L050 6MM N/KW	28	45	12	15.5	-	0.3	17.000	6	16	0.13
L050 7MM N/KW	28	45	12	15.5	-	0.3	17.000	7	16	0.13
L050 8MM N/KW	28	45	12	15.5	-	0.3	17.000	8	16	0.13
L050 9MM 3mm KW	28	45	12	15.5	-	0.3	17.000	9	16	0.13
L050 10MM N/KW	28	45	12	15.5	-	0.3	17.000	10	16	0.13
L050 10MM 3mm KW	28	45	12	15.5	-	0.3	17.000	10	16	0.13
L050 11MM 4mm KW	28	45	12	15.5	-	0.3	17.000	11	16	0.13
L050 12MM N/KW	28	45	12	15.5	-	0.3	17.000	12	16	0.13
L050 12MM 4mm KW	28	45	12	15.5	-	0.3	17.000	12	16	0.13
L050 14MM N/KW	28	45	12	15.5	-	0.3	17.000	14	16	0.13
L050 14MM 5mm KW	28	45	12	15.5	-	0.3	17.000	14	16	0.13
L050 15MM N/KW	28	45	12	15.5	-	0.3	17.000	15	16	0.13
L050 15MM 5mm KW	28	45	12	15.5	-	0.3	17.000	15	16	0.13
L050 16MM 5mm KW	28	45	12	15.5	-	0.3	17.000	16	16	0.13
L070 7MM N/KW	35	51	13	19	-	0.5	13.000	7	19	0.24
L070 8MM N/KW	35	51	13	19	-	0.5	13.000	8	19	0.24
L070 9MM 3mm KW	35	51	13	19	-	0.5	13.000	9	19	0.24
L070 10MM N/KW	35	51	13	19	-	0.5	13.000	10	19	0.24
L070 10MM 3mm KW	35	51	13	19	-	0.5	13.000	10	19	0.24
L070 11MM 4mm KW	35	51	13	19	-	0.5	13.000	11	19	0.24
L070 12MM N/KW	35	51	13	19	-	0.5	13.000	12	19	0.24
L070 12MM 4mm KW	35	51	13	19	-	0.5	13.000	12	19	0.24
L070 14MM N/KW	35	51	13	19	-	0.5	13.000	14	19	0.24
L070 14MM 5mm KW	35	51	13	19	-	0.5	13.000	14	19	0.24
L070 15MM 5mm KW	35	51	13	19	-	0.5	13.000	15	19	0.24
L070 16MM 5mm KW	35	51	13	19	-	0.5	13.000	16	19	0.24
L070 17MM 5mm KW	35	51	13	19	-	0.5	13.000	17	19	0.24
L070 18MM 6mm KW	35	51	13	19	-	0.5	13.000	18	19	0.24
L070 19MM 6mm KW	35	51	13	19	-	0.5	13.000	19	19	0.24
L075 9MM 3mm KW	45	55	13	20.5	-	1.0	10.000	9	24	0.40
L075 10MM N/KW	45	55	13	20.5	-	1.0	10.000	10	24	0.40
L075 10MM 3mm KW	45	55	13	20.5	-	1.0	10.000	10	24	0.40
L075 11MM 4mm KW	45	55	13	20.5	-	1.0	10.000	11	24	0.40
L075 12MM 4mm KW	45	55	13	20.5	-	1.0	10.000	12	24	0.40
L075 14MM 5mm KW	45	55	13	20.5	-	1.0	10.000	14	24	0.40
L075 15MM N/KW	45	55	13	20.5	-	1.0	10.000	15	24	0.40
L075 15MM 5mm KW	45	55	13	20.5	-	1.0	10.000	15	24	0.40
L075 16MM 5mm KW	45	55	13	20.5	-	1.0	10.000	16	24	0.40
L075 17MM 5mm KW	45	55	13	20.5	-	1.0	10.000	17	24	0.40
L075 18MM 6mm KW	45	55	13	20.5	-	1.0	10.000	18	24	0.40
L075 19MM 6mm KW	45	55	13	20.5	-	1.0	10.000	19	24	0.40
L075 20MM 6mm KW	45	55	13	20.5	-	1.0	10.000	20	24	0.40
L075 22MM 6mm KW	45	55	13	20.5	-	1.0	10.000	22	24	0.40
L090 8MM N/KW	54	55	13	21	-	1.6	9.000	8	25	0.68
L090 10MM 3mm KW	54	55	13	21	-	1.6	9.000	10	25	0.68
L090 12MM N/K W/S	54	55	13	21	-	1.6	9.000	12	25	0.68
L090 12MM 4mm KW	54	55	13	21	-	1.6	9.000	12	25	0.68
L090 14MM N/KW	54	55	13	21	-	1.6	9.000	14	25	0.68

Metric Type L Couplings

L035-L150



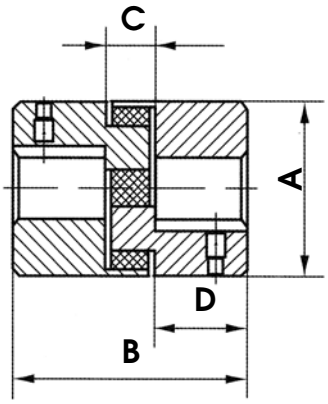
L190-L276



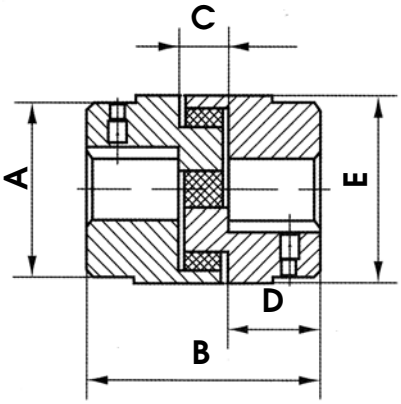
Part Number	Fundamental Dimensions					Torque Needed kgm	Rotational Speed r/om	Bore Size mm	Bore Max mm	Mass kg
	A	B	C	D	E					
L090 14MM 5mm KW	54	55	13	21	-	1.6	9.000	14	25	0.68
L090 15MM 5mm KW	54	55	13	21	-	1.6	9.000	15	25	0.68
L090 16MM 5mm KW	54	55	13	21	-	1.6	9.000	16	25	0.68
L090 18MM 6mm KW	54	55	13	21	-	1.6	9.000	18	25	0.68
L090 19MM N/KW	54	55	13	21	-	1.6	9.000	19	25	0.68
L090 19MM 6mm KW	54	55	13	21	-	1.6	9.000	19	25	0.68
L090 20MM 6mm KW	54	55	13	21	-	1.6	9.000	20	25	0.68
L090 22MM 6mm KW	54	55	13	21	-	1.6	9.000	22	25	0.68
L090 24MM 8mm KW	54	55	13	21	-	1.6	9.000	24	25	0.68
L090 25MM 8mm KW	54	55	13	21	-	1.6	9.000	25	25	0.68
L095 11MM 4mm KW	54	64	13	25.5	-	2.2	9.000	11	29	0.71
L095 12MM 4mm KW	54	64	13	25.5	-	2.2	9.000	12	29	0.71
L095 14MM N/KW	54	64	13	25.5	-	2.2	9.000	14	29	0.71
L095 14MM 5mm KW	54	64	13	25.5	-	2.2	9.000	14	29	0.71
L095 15MM N/KW	54	64	13	25.5	-	2.2	9.000	15	29	0.71
L095 15MM 5mm KW	54	64	13	25.5	-	2.2	9.000	15	29	0.71
L095 16MM 5mm KW	54	64	13	25.5	-	2.2	9.000	16	29	0.71
L095 17MM 5mm KW	54	64	13	25.5	-	2.2	9.000	17	29	0.71
L095 18MM 6mm KW	54	64	13	25.5	-	2.2	9.000	18	29	0.71
L095 19MM 6mm KW	54	64	13	25.5	-	2.2	9.000	19	29	0.71
L095 20MM 6mm KW	54	64	13	25.5	-	2.2	9.000	20	29	0.71
L095 22MM 6mm KW	54	64	13	25.5	-	2.2	9.000	22	29	0.71
L095 24MM 8mm KW	54	64	13	25.5	-	2.2	9.000	24	29	0.71
L095 25MM 8mm KW	54	64	13	25.5	-	2.2	9.000	25	29	0.71
L095 28MM 8mm KW	54	64	13	25.5	-	2.2	9.000	28	29	0.71
L099 14MM 5mm KW	65	73	19	27	-	4.5	7.000	14	35	1.22
L099 15MM N/KW	65	73	19	27	-	4.5	7.000	15	35	1.22
L099 15MM 5mm KW	65	73	19	27	-	4.5	7.000	15	35	1.22
L099 16MM 5mm KW	65	73	19	27	-	4.5	7.000	16	35	1.22
L099 18MM 6mm KW	65	73	19	27	-	4.5	7.000	18	35	1.22
L099 19MM 6mm KW	65	73	19	27	-	4.5	7.000	19	35	1.22
L099 20MM 6mm KW	65	73	19	27	-	4.5	7.000	20	35	1.22
L099 22MM 6mm KW	65	73	19	27	-	4.5	7.000	22	35	1.22
L099 24MM 8mm KW	65	73	19	27	-	4.5	7.000	24	35	1.22
L099 25MM 8mm KW	65	73	19	27	-	4.5	7.000	25	35	1.22
L099 28MM 8mm KW	65	73	19	27	-	4.5	7.000	28	35	1.22
L099 30MM 8mm KW	65	73	19	27	-	4.5	7.000	30	35	1.22
L100 12MM 5mm KW	65	89	19	35	-	5.0	7.000	12	35	1.40
L100 14MM 5mm KW	65	89	19	35	-	5.0	7.000	14	35	1.40
L100 15MM N/KW	65	89	19	35	-	5.0	7.000	15	35	1.40
L100 15MM 5mm KW	65	89	19	35	-	5.0	7.000	15	35	1.40
L100 16MM 5mm KW	65	89	19	35	-	5.0	7.000	16	35	1.40
L100 17MM 5mm KW	65	89	19	35	-	5.0	7.000	17	35	1.40
L100 18MM 6mm KW	65	89	19	35	-	5.0	7.000	18	35	1.40
L100 19MM 6mm KW	65	89	19	35	-	5.0	7.000	19	35	1.40
L100 20MM 6mm KW	65	89	19	35	-	5.0	7.000	20	35	1.40
L100 22MM 6mm KW	65	89	19	35	-	5.0	7.000	22	35	1.40
L100 24MM 8mm KW	65	89	19	35	-	5.0	7.000	24	35	1.40
L100 25MM 8mm KW	65	89	19	35	-	5.0	7.000	25	35	1.40
L100 28MM 8mm KW	65	89	19	35	-	5.0	7.000	28	35	1.40
L100 30MM 8mm KW	65	89	19	35	-	5.0	7.000	30	35	1.40
L100 32MM 10mm KW	65	89	19	35	-	5.0	7.000	32	35	1.40
L100 35MM 10mm KW	65	89	19	35	-	5.0	7.000	35	35	1.40
L110 16MM 5mm KW	84	108	22	43	-	9.0	5.000	16	42	3.0

Metric Type L Couplings

L035-L150



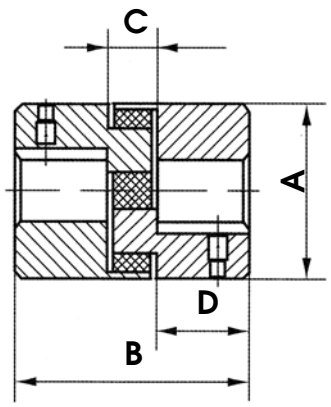
L190-L276



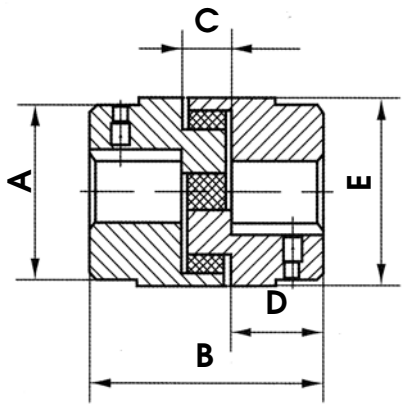
Part Number	Fundamental Dimensions					Torque Needed kgm	Rotational Speed r/om	Bore Size mm	Bore Max mm	Mass kg
	A	B	C	D	E					
L110 17MM 5mm KW	84	108	22	43	-	9.0	5.000	17	42	3.0
L110 18MM 6mm KW	84	108	22	43	-	9.0	5.000	18	42	3.0
L110 19MM N/KW	84	108	22	43	-	9.0	5.000	19	42	3.0
L110 19MM 6mm KW	84	108	22	43	-	9.0	5.000	19	42	3.0
L110 20MM 6mm KW	84	108	22	43	-	9.0	5.000	20	42	3.0
L110 22MM 6mm KW	84	108	22	43	-	9.0	5.000	22	42	3.0
L110 24MM 8mm KW	84	108	22	43	-	9.0	5.000	24	42	3.0
L110 25MM 8mm KW	84	108	22	43	-	9.0	5.000	25	42	3.0
L110 28MM 8mm KW	84	108	22	43	-	9.0	5.000	28	42	3.0
L110 30MM 8mm KW	84	108	22	43	-	9.0	5.000	30	42	3.0
L110 32MM 10mmKW	84	108	22	43	-	9.0	5.000	32	42	3.0
L110 35MM 10mmKW	84	108	22	43	-	9.0	5.000	35	42	3.0
L110 38MM 10mmKW	84	108	22	43	-	9.0	5.000	38	42	3.0
L110 40MM 12mmKW	84	108	22	43	-	9.0	5.000	40	42	3.0
L110 42MM 12mmKW	84	108	22	43	-	9.0	5.000	42	42	3.0
L150 16MM 5mm KW	96	115	25	45	80	15.0	5.000	16	48	5.0
L150 17MM 5mm KW	96	115	25	45	80	15.0	5.000	17	48	5.0
L150 19MM 6mm KW	96	115	25	45	80	15.0	5.000	19	48	5.0
L150 20MM 6mm KW	96	115	25	45	80	15.0	5.000	20	48	5.0
L150 22MM 6mm KW	96	115	25	45	80	15.0	5.000	22	48	5.0
L150 24MM 8mm KW	96	115	25	45	80	15.0	5.000	24	48	5.0
L150 25MM 8mm KW	96	115	25	45	80	15.0	5.000	25	48	5.0
L150 28MM N/KW	96	115	25	45	80	15.0	5.000	28	48	5.0
L150 28MM 8mm KW	96	115	25	45	80	15.0	5.000	28	48	5.0
L150 30MM 8mm KW	96	115	25	45	80	15.0	5.000	30	48	5.0
L150 32MM N/KW	96	115	25	45	80	15.0	5.000	32	48	5.0
L150 32MM 10mmKW	96	115	25	45	80	15.0	5.000	32	48	5.0
L150 35MM N/KW	96	115	25	45	80	15.0	5.000	35	48	5.0
L150 35MM 10mmKW	96	115	25	45	80	15.0	5.000	35	48	5.0
L150 38MM 10mmKW	96	115	25	45	80	15.0	5.000	38	48	5.0
L150 40MM 12mmKW	96	115	25	45	80	15.0	5.000	40	48	5.0
L150 42MM 12mmKW	96	115	25	45	80	15.0	5.000	42	48	5.0
L150 45MM 14mmKW	96	115	25	45	80	15.0	5.000	45	48	5.0
L150 48MM N/KW	96	115	25	45	80	15.0	5.000	48	48	5.0
L150 48MM 14mmKW	96	115	25	45	80	15.0	5.000	48	48	5.0
L190 19MM 6mm KW	115	134	25	54	102	20.0	5.000	19	54	7.6
L190 20MM 6mm KW	115	134	25	54	102	20.0	5.000	20	54	7.6
L190 24MM 8mm KW	115	134	25	54	102	20.0	5.000	24	54	7.6
L190 28MM N/KW	115	134	25	54	102	20.0	5.000	28	54	7.6
L190 28MM 8mm KW	115	134	25	54	102	20.0	5.000	28	54	7.6
L190 30MM 8mm KW	115	134	25	54	102	20.0	5.000	30	54	7.6
L190 32MM N/KW	115	134	25	54	102	20.0	5.000	32	54	7.6
L190 32MM 10mmKW	115	134	25	54	102	20.0	5.000	32	54	7.6
L190 35MM N/KW	115	134	25	54	102	20.0	5.000	35	54	7.6
L190 35MM 10mmKW	115	134	25	54	102	20.0	5.000	35	54	7.6
L190 38MM 10mmKW	115	134	25	54	102	20.0	5.000	38	54	7.6
L190 40MM 12mmKW	115	134	25	54	102	20.0	5.000	40	54	7.6
L190 42MM 12mmKW	115	134	25	54	102	20.0	5.000	42	54	7.6
L190 45MM 14mmKW	115	134	25	54	102	20.0	5.000	45	54	7.6
L190 48MM N/KW	115	134	25	54	102	20.0	5.000	48	54	7.6
L190 48MM 14mmKW	115	134	25	54	102	20.0	5.000	48	54	7.6
L190 50MM N/KW	115	134	25	54	102	20.0	5.000	50	54	7.6
L190 50MM 14mmKW	115	134	25	54	102	20.0	5.000	50	54	7.6
L225 30MM 8mm KW	127	154	26	64	108	30.0	4.200	30	67	9.0

Metric Type L Couplings

L035-L150



L190-L276



Part Number	Fundamental Dimensions					Torque Needed kgm	Rotational Speed r/om	Bore Size mm	Bore Max mm	Mass kg
	A	B	C	D	E					
L225 32MM N/KW	127	154	26	64	108	30.0	4.200	32	67	9.0
L225 32MM 10mmKW	127	154	26	64	108	30.0	4.200	32	67	9.0
L225 35MM N/KW	127	154	26	64	108	30.0	4.200	35	67	9.0
L225 35MM 10mmKW	127	154	26	64	108	30.0	4.200	35	67	9.0
L225 38MM 10mmKW	127	154	26	64	108	30.0	4.200	38	67	9.0
L225 40MM 12mmKW	127	154	26	64	108	30.0	4.200	40	67	9.0
L225 42MM 12mmKW	127	154	26	64	108	30.0	4.200	42	67	9.0
L225 45MM 14mmKW	127	154	26	64	108	30.0	4.200	45	67	9.0
L225 48MM 14mmKW	127	154	26	64	108	30.0	4.200	48	67	9.0
L225 50MM N/KW	127	154	26	64	108	30.0	4.200	50	67	9.0
L225 50MM 14mmKW	127	154	26	64	108	30.0	4.200	50	67	9.0
L225 55MM N/KW	127	154	26	64	108	30.0	4.200	55	67	9.0
L225 55MM 16mmKW	127	154	26	64	108	30.0	4.200	55	67	9.0
L225 60MM 18mmKW	127	154	26	64	108	30.0	4.200	60	67	9.0
L225 65MM 18mmKW	127	154	26	64	108	30.0	4.200	65	67	9.0

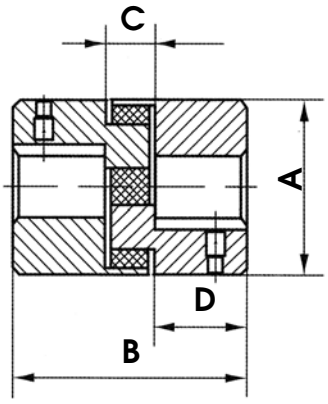
Note: Keyway dimensions conform to DIN 6885, JIS B 1310-1976, UNI 6604-1969, GB 1095-1979 standards.

Type L Coupling Rubber Sider

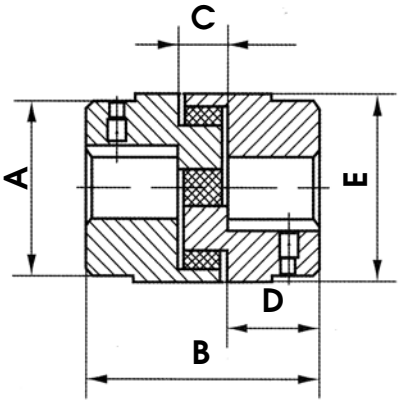
Part Number			
L035 L050 L070	L075 L090 L095	L150 L190 L225	

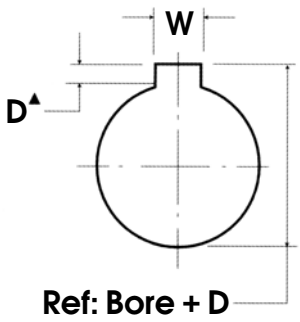
Inch Type L Couplings

L035-L150



L190-L225





ISO Standard method for measuring keyseat depth

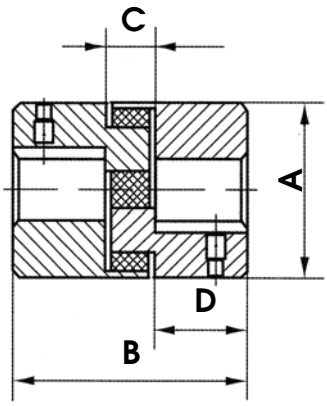
▲Depth measured at centerline.

Reference: 1 in = 25.4 mm
1mm = .03937 in.

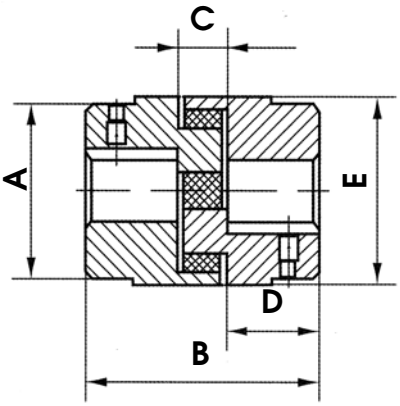
Part Number	Dimension The spro					wt - Lbs		Torque	Maximum	Bore
	A	B	C	D	E	Min Bore	Max Bore	In. - Lbs	RPM	
L035 1/8 N/KW	5/8	13/16	9/32	17/64	-	0.01	0.01	3.52	31000	1/8"
L035 3/16 N/KW	5/8	13/16	9/32	17/64	-	0.01	0.01	3.52	31000	3/16"
L035 1/4 N/KW	5/8	13/16	9/32	17/64	-	0.01	0.01	3.52	31000	1/4"
L035 5/16 N/KW	5/8	13/16	9/32	17/64	-	0.01	0.01	3.52	31000	5/16"
L035 3/8 N/KW	5/8	13/16	9/32	17/64	-	0.01	0.01	3.52	31000	3/8"
L050 1/4 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	1/4"
L050 5/16 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	5/16"
L050 3/8 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	3/8"
L050 3/8 3/32KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	3/8"
L050 3/8 1/8KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	3/8"
L050 7/16 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	7/16"
L050 7/16 3/32KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	7/16"
L050 1/2 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	1/2"
L050 1/2 1/8KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	1/2"
L050 9/16 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	9/16"
L050 9/16 1/8KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	9/16"
L050 5/8 N/KW	1 5/64	1 23/32	15/32	5/8	-	0.29	0.24	25.8	18000	5/8"
L070 1/4 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	1/4"
L070 5/16 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	5/16"
L070 3/8 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	3/8"
L070 3/8 3/32KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	3/8"
L070 3/8 1/8kw	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	3/8"
L070 7/16 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	7/16"
L070 7/16 3/32KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	7/16"
L070 1/2 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	1/2"
L070 1/2 1/8KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	1/2"
L070 1/2 3/16KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	1/2"
L070 9/16 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	9/16"
L070 5/8 N/KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	5/8"
L070 5/8 5/32KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	5/8"
L070 5/8 3/16KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	5/8"
L070 11/16 3/16KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	11/16"
L070 3/4 1/8KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	3/4"
L070 3/4 3/16KW	1 23/64	2	1/2	3/4	-	0.59	0.54	44.1	14000	3/4"
L075 1/4 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	1/4"
L075 1/4 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	1/4"
L075 5/16 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	5/16"
L075 3/8 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	3/8"
L075 3/8 3/32KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	3/8"
L075 3/8 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	3/8"
L075 7/16 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	7/16"
L075 7/16 3/32KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	7/16"
L075 7/16 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	7/16"
L075 1/2 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	1/2"
L075 1/2 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	1/2"
L075 9/16 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	9/16"
L075 9/16 1/8kw	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	9/16"
L075 5/8 N/KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	5/8"
L075 5/8 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	5/8"
L075 5/8 5/32KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	5/8"
L075 5/8 3/16KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	5/8"
L075 11/16 3/16KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	11/16"
L075 3/4 1/8KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	3/4"
L075 3/4 3/16KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	3/4"
L075 13/16 3/16KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	13/16"

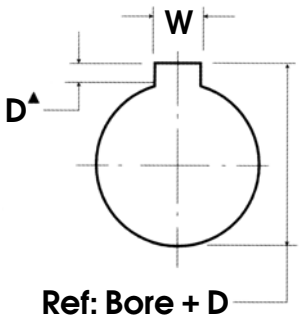
Inch Type L Couplings

L035-L150



L190-L225





Ref: Bore + D

ISO Standard method for measuring keyseat depth

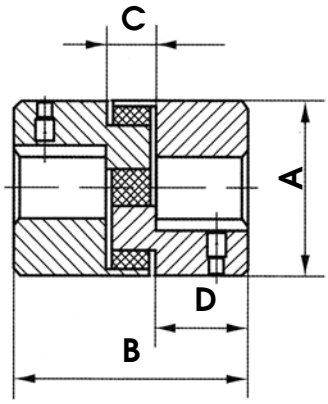
▲Depth measured at centerline.

Reference: 1 in = 25.4 mm
1mm = .03937 in.

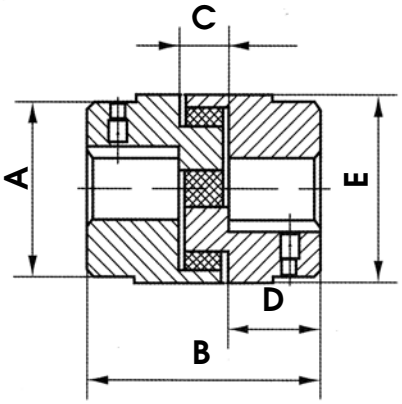
Part Number	Dimension The spro					wt - Lbs		Torque	Maximum	Bore
	A	B	C	D	E	Min Bore	Max Bore	In. - Lbs	RPM	
L075 7/8 3/16KW	1 3/4	2 1/8	1/2	3/4	-	1.00	0.86	88.2	11000	7/8"
L090 1/4 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	1/4"
L090 5/16 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	5/16"
L090 3/8 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/8"
L090 3/8 3/32KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/8"
L090 3/8 1/8KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/8"
L090 7/16 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	7/16"
L090 7/16 3/3KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	7/16"
L090 7/16 1/8KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	7/16"
L090 1/2 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	1/2"
L090 1/2 1/8KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	1/2"
L090 9/16 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	9/16"
L090 9/16 1/8KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	9/16"
L090 5/8 5/32KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	5/8"
L090 5/8 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	5/8"
L090 11/16 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	11/16"
L090 3/4 N/KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/4"
L090 3/4 1/8KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/4"
L090 3/4 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	3/4"
L090 13/16 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	13/16"
L090 7/8 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	7/8"
L090 7/8 1/4KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	7/8"
L090 15/16 1/4KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	15/16"
L090 1" 3/16KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	1"
L090 1" 1/4KW	2 7/64	2 1/8	1/2	13/16	-	1.48	1.32	145	9000	1"
L095 7/16 N/KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	7/16"
L095 7/16 3/32KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	7/16"
L095 7/16 1/8KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	7/16"
L095 1/2 N/KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1/2"
L095 1/2 1/8KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1/2"
L095 9/16 N/KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	9/16"
L095 9/16 1/8KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	9/16"
L095 5/8 N/KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	5/8"
L095 5/8 5/32KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	5/8"
L095 5/8 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	5/8"
L095 11/16 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	11/16"
L095 3/4 1/8KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	3/4"
L095 3/4 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	3/4"
L095 13/16 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	13/16"
L095 7/8 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	7/8"
L095 7/8 1/4KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	7/8"
L095 15/16 1/4KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	15/16"
L095 1" 3/16KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1"
L095 1" 1/4KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1"
L095 1-1/16" 1/4KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1-1/16"
L095 1-1/8" 1/4KW	2 7/64	2 1/2	1/2	1	-	1.75	1.52	189	9000	1-1/8"
L099 7/16 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/16"
L099 7/16 3/32KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/16"
L099 7/16 1/8KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/16"
L099 1/2 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1/2"
L099 1/2 1/8KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1/2"
L099 9/16 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	9/16"
L099 9/16 1/8KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	9/16"
L099 5/8 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	5/8"
L099 5/8 5/32KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	5/8"

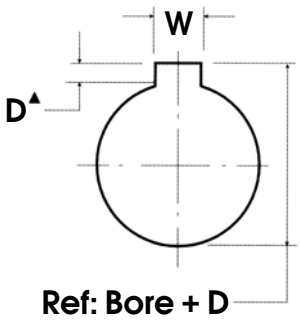
Inch Type L Couplings

L035-L150



L190-L225





ISO Standard method for measuring keyseat depth

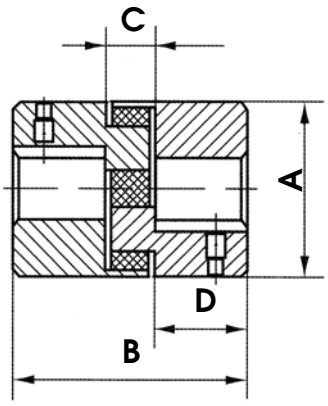
▲Depth measured at centerline.

Reference: 1 in = 25.4 mm
1mm = .03937 in.

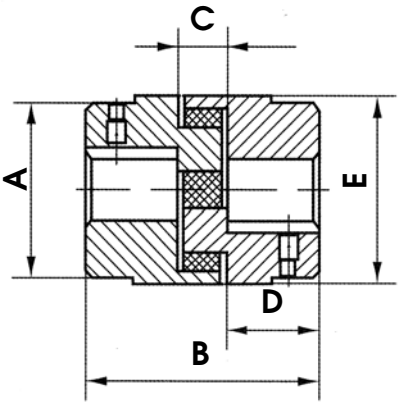
Part Number	Dimension The spro					wt - Lbs		Torque	Maximum	Bore
	A	B	C	D	E	Min Bore	Max Bore	In. - Lbs	RPM	
L099 5/8 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	5/8"
L099 11/16 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	11/16"
L099 3/4 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	3/4"
L099 3/4 1/8kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	3/4"
L099 3/4 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	3/4"
L099 13/16 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	13/16"
L099 7/8 N/KW	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/8"
L099 7/8 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/8"
L099 7/8 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	7/8"
L099 15/16 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	15/16"
L099 1" 3/16kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1"
L099 1" 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1"
L099 1-1/16" 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1-1/16"
L099 1-1/8" 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1-1/8"
L099 1-3/16" 1/4kw	2 17/32	2 1/2	3/4	1 1/16	-	2.50	2.17	315	7000	1-3/16"
L100 7/16 N/KW	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	7/16"
L100 7/16 3/32kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	7/16"
L100 7/16 1/8kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	7/16"
L100 1/2 N/KW	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1/2"
L100 1/2 1/8kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1/2"
L100 9/16 N/KW	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	9/16"
L100 9/16 1/8kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	9/16"
L100 5/8 5/32kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	5/8"
L100 5/8 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	5/8"
L100 11/16 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	11/16"
L100 3/4 N/KW	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	3/4"
L100 3/4 1/8kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	3/4"
L100 3/4 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	3/4"
L100 13/16 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	13/16"
L100 7/8 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	7/8"
L100 7/8 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	7/8"
L100 15/16 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	15/16"
L100 1" 3/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1"
L100 1" 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1"
L100 1-1/16" 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-1/16"
L100 1-1/8" 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-1/8"
L100 1-3/16" 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-3/16"
L100 1-1/4" 1/4kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-1/4"
L100 1-1/4" 5/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-1/4"
L100 1-5/16" 5/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-5/16"
L100 1-3/8" 5/16kw	2 17/32	3 1/2	3/4	1 3/8	-	3.42	2.92	415	7000	1-3/8"
L110 5/8 N/KW	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	5/8"
L110 5/8 5/32kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	5/8"
L110 5/8 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	5/8"
L110 11/16 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	11/16"
L110 3/4 1/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	3/4"
L110 3/4 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	3/4"
L110 13/16 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	13/16"
L110 7/8 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	7/8"
L110 7/8 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	7/8"
L110 15/16 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	15/16"
L110 1" 3/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1"
L110 1" 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1"
L110 1-1/16" 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/16"
L110 1-1/8" 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/8"

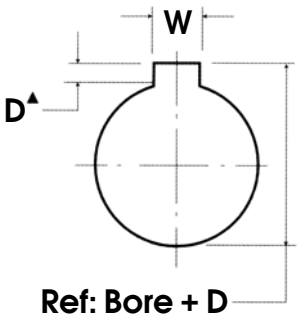
Inch Type L Couplings

L035-L150



L190-L225





ISO Standard method for measuring keyseat depth

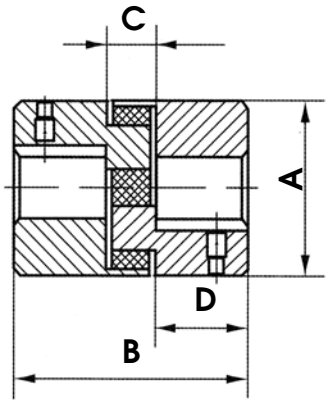
▲Depth measured at centerline.

Reference: 1 in = 25.4 mm
1mm = .03937 in.

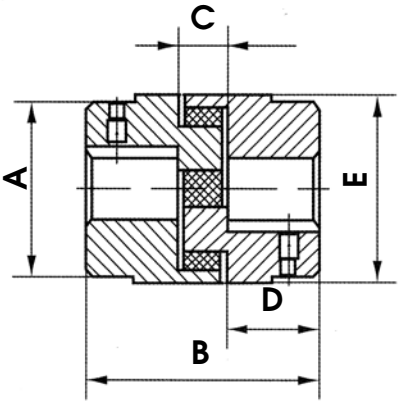
Part Number	Dimension The spro					wt - Lbs		Torque	Maximum	Bore
	A	B	C	D	E	Min Bore	Max Bore	In. - Lbs	RPM	
L110 1-3/16" 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-3/16"
L110 1-1/4" 1/4kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/4"
L110 1-1/4" 5/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/4"
L110 1-5/16" 5/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-5/16"
L110 1-3/8" 5/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-3/8"
L110 1-3/8" 3/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-3/8"
L110 1-7/16" 3/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-7/16"
L110 1-1/2" 5/16kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/2"
L110 1-1/2" 3/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-1/2"
L110 1-9/16" 3/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-9/16"
L110 1-5/8" 3/8kw	3 5/16	4 1/4	7/8	1 11/16	-	6.45	5.61	788	5000	1-5/8"
L150 5/8 N/KW	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	5/8"
L150 5/8 5/32kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	5/8"
L150 5/8 3/16 kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	5/8"
L150 3/4 3/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	3/4"
L150 7/8 3/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	7/8"
L150 7/8 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	7/8"
L150 15/16 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	15/16"
L150 1" 3/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1"
L150 1" 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1"
L150 1-1/16" 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-1/16"
L150 1-1/8" 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-1/8"
L150 1-3/16" 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-3/16"
L150 1-1/4" 1/4kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-1/4"
L150 1-1/4" 5/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-1/4"
L150 1-5/16" 5-16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-5/16"
L150 1-3/8" 5/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-3/8"
L150 1-3/8" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-3/8"
L150 1-7/16" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-7/16"
L150 1-1/2" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-1/2"
L150 1-9/16" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-9/16"
L150 1-5/8" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-5/8"
L150 1-11/16" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-11/16"
L150 1-3/4" 3/8kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-3/4"
L150 1-3/4" 7/16kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-3/4"
L150 1-13/16" 1/2kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-13/16"
L150 1-7/8" 1/2kw	3 3/4	4 1/2	1	1 3/4	-	8.95	7.73	1260	5000	1-7/8"
L190 3/4 N/KW	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	3/4"
L190 3/4 3/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	3/4"
L190 13/16 3/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	13/16"
L190 7/8 3/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	7/8"
L190 7/8 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	7/8"
L190 15/16 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	15/16"
L190 1" 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1"
L190 1-1/16" 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-1/16"
L190 1-1/8" 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-1/8"
L190 1-3/16" 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-3/16"
L190 1-1/4" 1/4kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-1/4"
L190 1-1/4" 5/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-1/4"
L190 1-5/16" 5/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-5/16"
L190 1-3/8" 5/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-3/8"
L190 1-3/8" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-3/8"
L190 1-7/16" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-7/16"
L190 1-1/2" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-1/2"
L190 1-9/16" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-9/16"

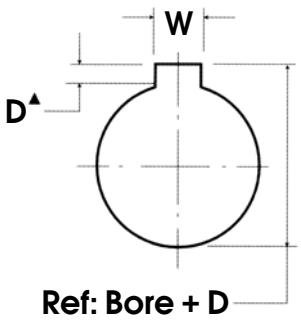
Inch Type L Couplings

L035-L150



L190-L225





ISO Standard method for measuring keyseat depth

▲Depth measured at centerline.

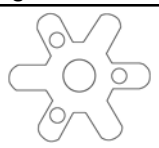
Reference: 1 in = 25.4 mm
1mm = .03937 in.

Part Number	Dimension The spro					wt - Lbs		Torque	Maximum	Bore
	A	B	C	D	E	Min Bore	Max Bore	In. - Lbs	RPM	
L190 1-5/8" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-5/8"
L190 1-11/16" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-11/16"
L190 1-3/4" 3/8kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-3/4"
L190 1-3/4" 7/16kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-3/4"
L190 1-13/16" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-13/16"
L190 1-7/8" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-7/8"
L190 1-15/16" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	1-15/16"
L190 2" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	2"
L190 2-1/16" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	2-1/16"
L190 2-1/8" 1/2kw	4	5 1/4	1	2 1/8	4 1/2	8.83	7.04	1702	5000	2-1/8"
L225 3/4 N/KW	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	3/4"
L225 3/4 3/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	3/4"
L225 13/16 3/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	13/16"
L225 7/8 3/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	7/8"
L225 7/8 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	7/8"
L225 15/16 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	15/16"
L225 1" 3/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1"
L225 1" 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1"
L225 1-1/16" 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/16"
L225 1-1/8" 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/8"
L225 1-3/16" 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-3/16"
L225 1-1/4" 1/4kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/4"
L225 1-1/4" 5/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/4"
L225 1-5/16" 5/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-5/16"
L225 1-3/8" 5/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-3/8"
L225 1-3/8" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-3/8"
L225 1-7/16" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-7/16"
L225 1-1/2" 5/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/2"
L225 1-1/2" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-1/2"
L225 1-9/16" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-9/16"
L225 1-5/8" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-5/8"
L225 1-11/16" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-11/16"
L225 1-3/4" 3/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-3/4"
L225 1-3/4" 7/16kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-3/4"
L225 1-13/16" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-13/16"
L225 1-7/8" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-7/8"
L225 1-15/16" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	1-15/16"
L225 2" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2"
L225 2-1/16" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-1/16"
L225 2-1/8" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-1/8"
L225 2-3/16" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-3/16"
L225 2-1/4" 1/2kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-1/4"
L225 2-3/8" 5/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-3/8"
L225 2-1/2" 5/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-1/2"
L225 2-5/8" 5/8kw	4 1/4	6	1	2 1/2	5	12.28	9.60	2332	4000	2-5/8"

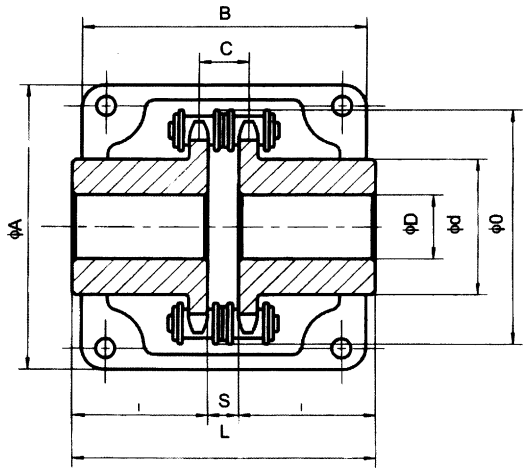
Note: Keyway dimensions conform to DIN 6885, JIS B 1310-1976, UNI 6604-1969, USAS B 17.1-1967, GB 1095-1979 standards.

Type L Coupling Rubber Sider

Part Number		
L035 L050 L070	L075 L090 L095	L150 L190 L225



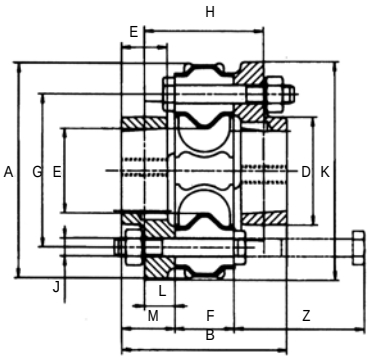
Inch and Metric Chain Coupling
(With Hardened Teeth)



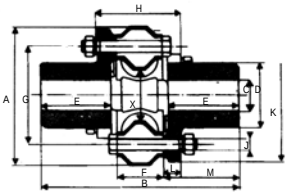
Part No.	Chain Type	Bore D		Sprocket Dimension						Rated Torque $GD^2 \times 10^{-3}$ (kgf•m²)	Weight kg	Cover Dimensions		Rated Torque $GD^2 \times 10^{-3}$ (kgf•m²)	Weight kg
		Min.	Max.	L	l	S	d	O	C			A	B		
CC-3012	**O6B-2 x 12**	12	16	64.8	29.8	5.2	35	45	10.2	0.233	0.4	69	63	0.88	0.3
CC-4012	**40-2 x 12**	12	22	79.4	36	7.4	35	62	14.4	1.020	0.8	77	72	1.03	0.3
CC-4014	**40-2 x 14**	12	28	79.4	36	7.4	43	69	14.4	1.924	1.1	84	75	1.42	0.4
CC-4016	**40-2 x 16**	14	32	87.4	40	7.4	50	77	14.4	3.285	1.4	92	72	2.41	0.4
CC-5014	**50-2 x 14**	15	35	99.7	45	9.7	55	86	18.1	6.01	2.2	101	85	3.63	0.5
CC-5016	**50-2 x 16**	16	40	99.7	45	9.7	62	93	18.1	9.72	2.7	110	87	4.81	0.6
CC-5018	**50-2 x 18**	16	45	99.7	45	9.7	70	106	18.1	15.42	3.8	122	85	6.97	0.8
CC-6018	**60-2 x 18**	20	56	123.5	56	11.5	85	127	22.8	40.21	6.2	147	105	16.84	1.2
CC-6020	**60-2 x 20**	20	60	123.5	56	11.5	100	139	22.8	62.87	7.8	158	105	21.27	1.6
CC-6022	**60-2 x 22**	20	71	123.5	56	11.5	110	151	22.8	93.45	10.4	168	117	28.97	1.8
CC-8018	**80-2 x 18**	20	80	141.2	63	15.2	110	169	29.3	142.03	12.7	190	129	52.13	2.5
CC-8020	**80-2 x 20**	20	90	145.2	65	15.2	120	185	29.3	204.90	16.0	210	137	82.39	2.9
CC-8022	**80-2 x 22**	20	100	157.2	71	15.2	140	202	29.3	341.17	20.2	226	137	104.07	3.6
CC-10020	**100-2 x 20**	25	110	178.8	80	18.8	162	233	35.8	646.29	33.0	281	153	233.87	4.6
CC-12018	**120-2 x 18**	35	125	202.7	90	22.7	170	256	45.4	1,075.71	47.0	307	181	460.74	6.2
CC-12022	**120-2 x 22**	35	140	222.7	100	22.7	210	304	45.4	2,454.50	72.0	357	181	803.00	8.0

Chain coupling is composed of a duplex roller chain and two sprockets. The connection is made by the joining of the chain. An aluminum cover is included to prevent dust and to protect the lubricant.

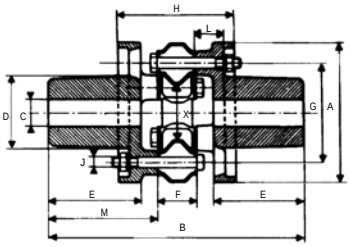
Elastic Flange Couplings



FEC4 - FEC25



FEC35 - FEC70



FEC120

Part No.	C min	C max	Bushing	A	B	D	E	F	G	H	J	K	L	M	X	Weight kg	Z
FEC4	–	–	1108	91	74	48	20	28	65	54	8	91	11	23	23	0.8	65
FEC9	–	–	1210	117	90	60	25	32	85	65	10	121	14	29	35	1.6	75
FEC16	–	–	1610	142	106	70	25	46	100	81	12	140	17	30	40	2.7	90
FEC25	–	–	2012	181	121	95	30	61	132	91	14	177	21	35	63	5	100
FEC35	–	70	–	202	284	105	109	54	150	96	18	196	21	115	68	18	–
FEC50	–	75	–	232	322	115	124	62	170	108	20	225	23	130	75	25	–
FEC70	–	80	–	263	346	122	133	68	190	116	20	246	24	139	82	32	–
FEC120	60	100	–	280	486	156	172	78	210	222	20	–	52	204	110	57	–

Technical Data

Part No.	Nominal Torque (daNm)	Maximum Torque (daNm)	Torsion Angle Ψ (°)	Axial Rigidity (daN/mm)	Radial Rigidity (daN/mm)	Torsion Rigidity (m kN/rad)	Conical Rigidity (m kN/rad)	Max. Rotation Speed (1/min)	Screws Quantity	Screws Size
FEC4	4	12	8	6	20	0.285	0.04	6,000	6	M8 x 55
FEC9	9	27	8	8	30	0.57	4.057	5,000	6	M10 x 65
FEC16	16	48	8	11	45	1.14	1.143	4,500	6	M12 x 80
FEC25	25	75	7	11.5	30	2.12	0.57	3,500	6	M14 x 90
FEC35	35	105	7	10	30	2.75	0.57	3,000	6	M18 x 100
FEC50	50	150	7	11	30	4.3	0.57	2,800	6	M20 x 115
FEC70	70	210	8	12	35	4.5	0.86	2,400	6	M20 x 115
FEC120	120	360	6–30'	15	60	10.6	1.14	2,400	8	M20 x 150