

HRC KLOKOPPLING

Klokoppling med elastomer

HRC 110 B

HRC kopplingshalva 110 B förborrad

- Enkel metod att koppla ihop en drivenhet
- Snabba att installera
- Överför 30 - 3150 Nm
- För axlar upp till 115mm



PRODUKTBESKRIVNING

HRC koppling är en semielastisk koppling och är mycket lämplig för motoraxlar.

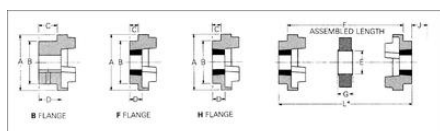
HRC axelkopplingar är snabba att installera och är en enkel metod att koppla ihop en drivenhet.

Naven finns med både invändig samt utvändigmontering utav Taper Lock.

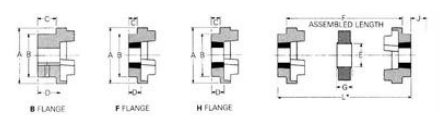
HRC axelkoppling finns tillgänglig som brandresistent, antistatisk och i förborrad utförande.

TEKNISK DATA

A	112 mm
B	100 mm
C	37 mm
D	45 mm
E	45 mm
F	45 mm
G	29 mm
Hållaxeldiameter max	55 mm
Max axelhål	55 mm
Skruvstorlek	M10
Storlek	110



Speed (rpm)	Coupling Size							
	70	90	110	130	150	180	230	280
100	0.23	0.64	1.68	3.30	6.28	9.95	20.90	33.00
1200	0.85	1.95	3.75	6.60	12.60	19.80	41.30	65.00
400	1.30	3.00	7.50	13.20	25.20	39.60	81.00	126.00
800	1.95	4.50	11.25	19.80	37.80	59.40	120.60	189.00
1200	2.37	5.40	13.50	23.85	45.36	70.56	141.12	220.32
1600	2.67	6.05	15.10	26.80	50.30	76.90	153.80	239.60
2000	3.38	7.50	18.75	33.00	62.80	95.70	191.40	294.00
2400	4.75	10.50	26.25	46.20	87.96	131.64	263.28	405.00
2800	6.54	15.10	37.50	64.80	122.40	185.04	369.12	567.00
3200	8.90	20.25	50.62	88.20	166.64	250.56	501.12	756.00
3600	11.90	27.00	67.50	118.80	226.80	342.84	685.68	1035.00
4000	15.50	35.25	89.38	158.40	302.40	457.44	914.88	1386.00
4500	20.25	46.50	116.25	207.60	396.00	590.40	1180.80	1782.00
5000	25.50	58.50	146.25	266.40	504.00	741.60	1486.80	2250.00
5600	32.25	74.25	185.62	336.00	633.60	938.40	1881.60	2835.00
6300	40.50	92.25	231.25	418.80	792.00	1185.60	2383.20	3564.00
7100	50.25	113.25	283.75	511.20	972.00	1456.80	2925.60	4392.00
8000	61.50	138.75	346.88	621.60	1180.80	1756.80	3518.40	5292.00
9000	74.25	168.75	421.88	758.40	1425.60	2092.80	4214.40	6372.00
10000	88.50	203.25	509.38	921.60	1713.60	2476.80	4953.60	7470.00
11200	104.25	243.75	609.38	1094.40	2044.80	2899.20	5788.80	8694.00
12500	121.50	289.25	721.88	1296.00	2414.40	3456.00	6854.40	10260.00
14000	140.25	340.25	853.13	1526.40	2822.40	4051.20	8078.40	12180.00
15600	160.50	396.75	994.38	1785.60	3278.40	4694.40	9297.60	14040.00
17500	183.25	459.25	1156.25	2073.60	3782.40	5385.60	10771.20	16080.00
19600	208.50	527.25	1339.38	2390.40	4334.40	6124.80	12398.40	18288.00
21900	235.25	601.25	1543.75	2736.00	4934.40	6921.60	14078.40	20640.00
24500	274.25	692.25	1779.38	3110.40	5582.40	7876.80	15914.40	23220.00
27500	316.25	799.25	2048.13	3513.60	6288.00	8899.20	17918.40	25980.00
30800	361.25	923.25	2350.63	3945.60	7051.20	9988.80	19999.20	28920.00
34400	409.25	1064.25	2696.88	4406.40	7872.00	11145.60	22257.60	32040.00
38400	460.25	1223.25	3087.13	4996.80	8740.80	12379.20	24693.60	35340.00
42800	514.25	1399.25	3521.88	5617.60	9667.20	13690.40	27318.40	38820.00
47600	571.25	1593.25	3999.38	6278.40	10641.60	15081.60	29942.40	42480.00
52800	631.25	1805.25	4519.38	6979.20	11683.20	16552.80	32666.40	46320.00
58400	694.25	2035.25	5082.88	7710.40	12782.40	18104.00	35490.40	50340.00
64400	760.25	2283.25	5690.13	8481.60	13939.20	19734.40	38414.40	54540.00
70800	829.25	2549.25	6341.88	9292.80	15153.60	21444.80	41538.40	58920.00
77600	901.25	2833.25	7037.88	10144.00	16425.60	23236.00	44862.40	63480.00
84800	976.25	3135.25	7778.13	11035.20	17756.80	25108.80	48396.80	68220.00
92400	1054.25	3455.25	8562.88	11966.40	19137.60	27062.40	51940.80	73140.00
100400	1135.25	3793.25	9391.88	12937.60	20568.00	29096.00	55594.40	78240.00
108800	1219.25	4149.25	10264.88	13948.80	22048.80	31219.20	59358.40	83520.00
117600	1306.25	4523.25	11181.88	14999.20	23579.20	33432.00	63232.80	88980.00
126800	1396.25	4915.25	12142.88	16089.60	25159.20	35734.40	67227.20	94620.00
136400	1489.25	5325.25	13148.13	17219.20	26788.80	38126.40	71341.60	100440.00
146400	1584.25	5753.25	14198.13	18388.80	28459.20	40608.00	75576.00	106440.00
156800	1681.25	6209.25	15292.88	19598.40	30170.40	43179.20	79930.40	112620.00
167600	1780.25	6693.25	16430.88	20848.00	31921.60	45840.00	84404.80	118980.00
178800	1881.25	7205.25	17612.88	22137.60	33712.80	48591.20	89009.20	125520.00
190400	1984.25	7745.25	18839.13	23467.20	35553.60	51432.00	93733.60	132240.00
202400	2089.25	8313.25	20110.88	24836.80	37444.80	54363.20	98578.40	139140.00
214800	2196.25	8909.25	21427.88	26246.40	39386.40	57394.40	103642.80	146220.00
227600	2305.25	9533.25	22789.88	27696.00	41377.60	60525.60	108927.20	153480.00
240800	2416.25	10185.25	24196.88	29185.60	43418.40	63756.80	114331.60	160920.00
254400	2529.25	10865.25	25648.88	30715.20	45508.80	67088.00	119856.00	168540.00
268400	2644.25	11573.25	27145.88	32284.80	47649.60	70519.20	125499.20	176340.00
282800	2761.25	12309.25	28687.88	33894.40	49840.80	74050.40	131262.40	184320.00
297600	2880.25	13073.25	30274.88	35544.00	52082.40	77681.60	137145.60	192480.00
312800	2999.25	13865.25	31906.88	37233.60	54373.60	81412.80	143149.60	199800.00
328400	3120.25	14685.25	33583.88	38963.20	56714.40	85244.00	149274.00	207280.00
344400	3243.25	15533.25	35305.88	40732.80	59104.80	89175.20	155518.40	214920.00
360800	3368.25	16409.25	37072.88	42542.40	61545.60	93206.40	161882.80	222720.00
377600	3494.25	17313.25	38884.88	44392.00	64036.80	97337.60	168367.20	230680.00
394800	3621.25	18245.25	40741.88	46281.60	66578.40	101568.00	174971.60	238800.00
412400	3750.25	19195.25	42644.88	48211.20	69169.60	105899.20	181696.00	247080.00
430400	3881.25	20173.25	44592.88	50180.80	71810.40	110330.40	188540.40	255520.00
448800	4014.25	21179.25	46584.88	52190.40	74500.80	114861.60	195504.80	264120.00
467600	4149.25	22213.25	48620.88	54239.20	77241.60	119492.80	202589.20	272880.00
486800	4286.25	23275.25	50699.88	56327.20	80032.80	124224.00	209793.60	281800.00
506400	4425.25	24365.25	52820.88	58454.40	82873.60	129055.20	217018.00	290880.00
526400	4566.25	25483.25	54983.88	60620.80	85764.00	133986.40	224362.40	299920.00
546800	4709.25	26629.25	57188.88	62826.40	88704.00	138997.60	231826.80	309020.00
567600	4854.25	27803.25	59434.88	65071.20	91694.40	144088.80	239411.20	318280.00
588800	4999.25	29005.25	61721.88	67355.20	94735.20	149259.20	247115.60	327600.00
610400	5146.25	30235.25	64050.88	69678.40	97826.40	154509.60	254939.20	337080.00
632400	5294.25	31493.25	66421.88	72041.60	100967.20	159839.20	262882.80	346620.00
654800	5443.25	32779.25	68834.88	74444.80	104157.60	165248.00	270946.40	356220.00
677600	5593.25	34093.25	71289.88	76888.00	107398.40	170736.00	279120.00	365880.00
700800	5744.25	35435.25	73786.88	79371.20	110689.60	176294.40	287414.40	375600.00
724400	5896.25	36805.25	76326.88	81894.40	114030.40	181923.20	295828.80	385380.00
748400	6049.25	38203.25	78908.88	84457.60	117420.80	187622.40	304362.40	395220.00
772800	6203.25	39629.25	81531.88	87060.80	120861.60	193392.00	313016.00	405120.00
797600	6358.25	41083.25	84186.88	89704.00	124352.80	199231.20	321789.60	415080.00
822800	6514.25	42565.25	86883.88	92387.20	127894.40	205140.00	330683.20	425100.00
848400	6671.25	44075.25	89623.88	95110.40	131485.60	211118.40	339696.80	435180.00
874400	6829.25	45613.25	92406.88	97873.60	135126.40	217166.40	348820.40	445320.00
900800	6988.25	47179.25	95231.88	100676.80	138816.80	223284.00	358054.00	455520.00
927600	7148.25	48773.25	98098.88	103519.20	142556.80	229471.20	367397.60	465780.00
954800	7309.25	50395.25	101006.88	106400.80	146347.20	235728.00	376851.20	476000.00
982400	7471.25	52045.25	103946.88	109321.60	150187.20	242052.80	386414.80	486280.00
1010400	7634.25	53723.25	106928.88	112282.40	154076.80	248444.80	396088.40	496620.00
1038800	7798.25	55429.25	109951.88	115283.20	158015.20	254903.20	405872.00	507020.00
1067600	7963.25	57163.25	113006.88	118324.00	162002.40	261427.20	415765.60	517480.00
1096800	8129.25	58925.25	116093.88	121404.80	166038.40	268017.60	425769.20	



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions					Type F & H					Type B				
	A	B	E	F x I	G	Bush size	Max. bore	C	D	J1	Max.	Pilot HB	Screw over HB	C	D
70	88	60	31	25.0	19.0	1008	26	1"	29.0	33.5	38	32	8	M 6	70
90	85	70	32	30.5	22.5	1108	28	1 1/4	18.5	23.5	29	42	10	M 6	26
110	112	100	40	45.0	29.0	1810	42	1 1/4	18.5	26.5	38	60	10	M10	37
130	130	105	50	60.0	36.0	1610	42	1 1/4	18.0	26.5	38	60	16	M10	39
150	150	115	62	60.0	40.0	2002	60	2	25.5	33.5	42	70	20	M10	46
180	180	125	77	73.0	49.0	2517	60	2 1/2	34.5	48.5	48	80	25	M10	50
230	225	165	99	85.5	69.5	3000	75	3	39.5	52.5	55	100	25	M12	77
280	275	205	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90

1. J1 is the wrench hexagon measured for tightening/loosening the bolt on the shaft. A shortened wrench will allow this dimension to be reduced.
2. F1 refers to combinations of flanges: FF, FH, HI, FI, HB, BS.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Combining Flange Types				Mass (kg)	Inertia Ix/Iy (kgm ²)	Dynamic Coefficients (Rev/s ²)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HI	HB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	—	0.3	+0.2	31
90	68.5	76.0	82.5	82.5	1.76	0.00115	—	0.3	+0.5	60
110	82.0	100.0	119.0	119.0	5.02	0.00405	66	0.3	+0.6	180
130	88.0	110.0	131.0	131.0	9.46	0.02780	132	0.4	+0.8	315
150	101.0	129.0	152.0	152.0	11	0.01810	175	0.4	+0.9	600
180	142.0	155.0	188.0	188.0	16.00	0.04340	229	0.4	+1.1	950
230	164.5	202.0	239.0	239.0	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.0	286.5	286.5	50.00	0.44893	1025	0.5	+1.7	3190