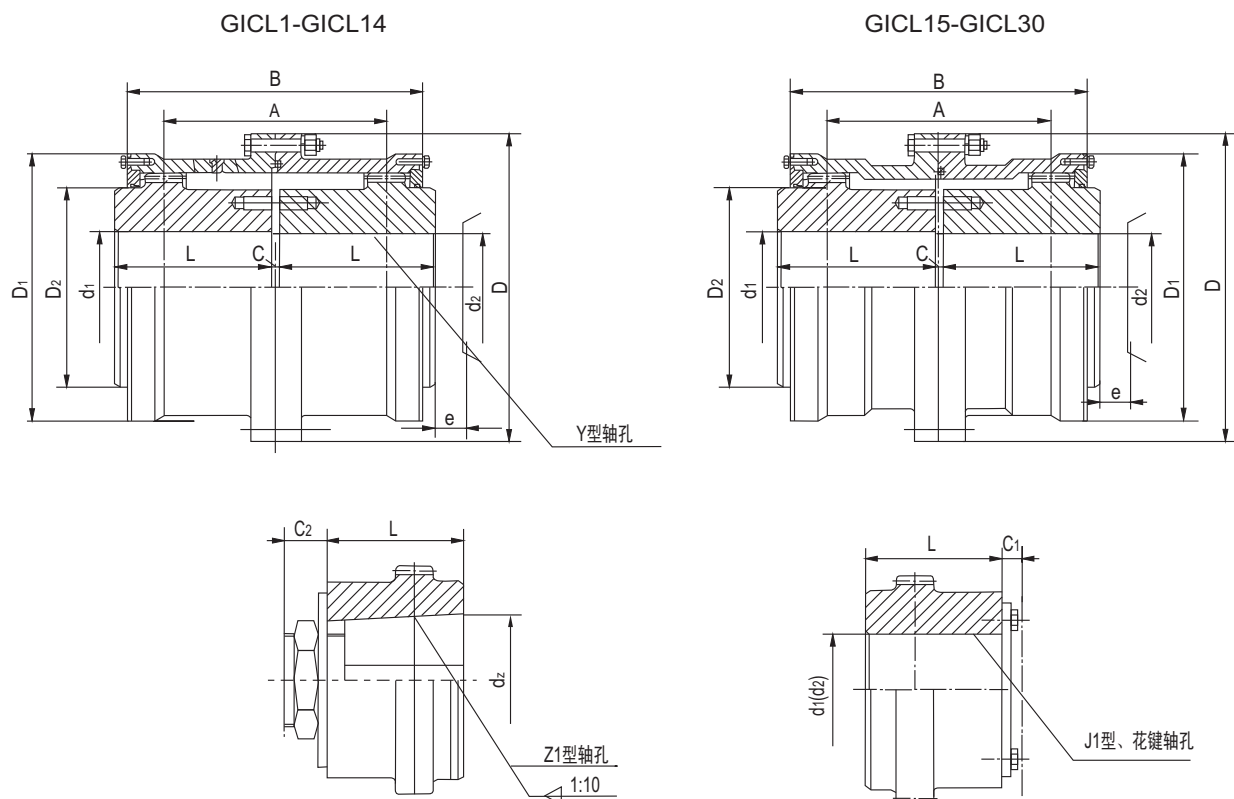


◇ GICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.3-2001)  
Parameters and main size of GICL drum shape tooth type coupling



◇ GICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.2-2001)  
Parameters and main size of GICL drum gear coupling

型号 Type	额定 转矩 limited torque KN.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole d <sub>1</sub> 、d <sub>2</sub> 、d <sub>z</sub>	轴孔长度 length of the shaft hole		D	D <sub>1</sub>	D <sub>2</sub>	B	A	C	C <sub>1</sub>	C <sub>2</sub>	e	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
				Y	J <sub>1</sub> 、Z <sub>1</sub>											
				L												
mm																
GICL1	0.8	7100	16, 18, 19	42	-	125	95	60	115	75	20	-	-	30	0.009	5.9
			20, 22, 24	52	48						10	-	24			
			25, 28	62	44						2.5	-	19			
			30, 32, 35, 38	82	60							15	22			
GICL2	1.4	6300	25, 28	62	44	145	120	75	135	88	10.5	-	29	30	0.02	9.7
			30, 32, 35, 38	82	60						2.5	12.5	30			
			40, 42, 45, 48	112	84							13.5	28			
GICL3	2.8	5900	30, 32, 35, 38	82	60	170	140	95	155	106	3	24.5	25	30	0.047	17.2
			40, 42, 45, 48, 50, 55, 56	112	84							17	28			
			60	142	107								35			
GICL4	5.0	5400	32, 35, 38	82	60	195	165	115	178	125	14	37	32	30	0.091	24.9
			40, 42, 45, 48, 50, 55, 56	112	84						3	17	28			
			60, 63, 65, 70	142	107								35			

## GICL型鼓形齿式联轴器(JB/T8854.3-2001)

GICL gear coupling(JB/T8854.3-2001)

### ◇ GICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.3-2001)

Parameters and main size of GICL drum shape tooth type coupling

型号 Type	额定 转矩 limited torque KN.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole d <sub>1</sub> 、d <sub>2</sub> 、d <sub>3</sub>	轴孔长度 length of the shaft hole		D	D <sub>1</sub>	D <sub>2</sub>	B	A	C	C <sub>1</sub>	C <sub>2</sub>	e	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
				Y	J <sub>1</sub> 、Z <sub>1</sub>											
				L												
mm																
GICL5	8.0	5000	40.42.45 .48.50. 55.56	112	84	225	183	130	198	142	3	25	28	30	0.167	38
			60.63.65.70.71.75	142	107							20	35			
			80	172	132							22	43			
GICL6	11.2	4800	48.50.55.56	112	84	240	200	145	218	160	6	35	35	30	0.267	48.2
			60.63.65.70.71.75	142	107						4	20	35			
			80.85.90.	172	132							22	43			
GICL7	15.0	4500	60.63.65.70.71.75	142	107	260	230	160	244	180	4	25	35	30	0.453	68.9
			80.85.90.95	172	132							22	43			
			100.	212	167								48			
GICL8	21.2	4000	65.70.71.75	142	107	280	245	175	264	193	5	35	35	30	0.646	83.3
			80.85.90.95	172	132							22	43			
			100.110.	212	167								48			
GICL9	26.5	3500	70.71.75	142	107	315	270	200	284	208	10	45	45	30	1.036	110
			80.85.90.95	172	132						5	22	43			
			100.110.120.125	212	167							49				
GICL10	42.5	3200	80.85.90.95	172	132	345	300	220	330	249	5	43	43	30	1.88	157
			100.110.120	212	167							22	49			
			130.140	252	202							29	54			
GICL11	60.0	3000	100.110.120.125	212	167	380	330	260	360	267	6		49	40	3.28	217
			130.140.450	252	202							29	54			
			160	302	242								64			
GICL12	80.0	2600	120	212	167	440	380	290	416	313	6	57	57	40	5.08	305
			130.140.150	252	202							29	55			
			160.170.180	302	242								68			
GICL13	112	2300	140.150	252	202	480	420	320	476	364	7	54	57	40	10.06	416
			160.170.180	302	242							32	70			
			190.200	352	282								80			
GICL14	160	2100	160.170.180	302	242	520	465	360	532	415	8	42	70	40	16.774	594
			190.200.220	352	282							32	80			
GICL15	224	1900	190.200.220	352	282	580	510	400	556	429	10	34	80	40	26.55	783
			240.250	410	330							38	-			
GICL16	355	1600	200.220	352	282	680	595	465	640	501		58	80	50	52.22	1134
			240.250.260	410	330							38	-			
			280.	470	380							38	-			
GICL17	400	1500	220	352	282	720	645	495	672	512	10	74		50	69	1305
			240.250.260	410	330							39	-			
			280.300	470	380							39				
GICL18	500	1400	240.250.260	410	330	775	675	520	702	524	10	46		50	96.16	1626
			280.300.320	470	380							41	-			
GICL19	630	1300	260.	410	330	815	715	560	744	560	10	67		50	115.6	1773
			280.300.320	470	380							41	-			
			340	550	450											

#### ◇ GICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.3-2001)

Parameters and main size of GICL drum shape tooth type coupling

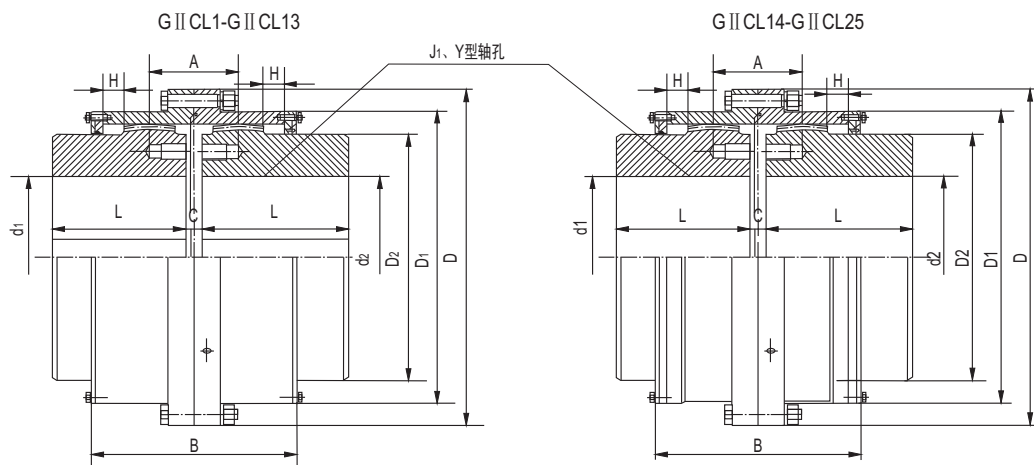
型号 Type	额定 转矩 limited torque KN.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole d <sub>1</sub> 、d <sub>2</sub> 、d <sub>z</sub>	轴孔长度 length of the shaft hole		D	D <sub>1</sub>	D <sub>2</sub>	B	A	C	C <sub>1</sub>	C <sub>2</sub>	e	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
				Y	J <sub>1</sub> 、Z <sub>1</sub>											
				L												
mm																
GICL20	710	1200	280.300.320	470	380	855	755	585	786	595	13	44		50	167.41	2263
			340.360	550	450							44				
GICL21	900	1100	300.320	470	380	915	795	620	808	611	13	59		50	215.7	2593
			340.360.380	550	450							44				
GICL22	950	950	340.360.380	550	450	960	840	665	830	632	13	44		60	278.07	3036
			400	650	540							44				
GICL23	1120	900	360.380	550	450	1010	890	710	870	666	13	44		60	397.4	3668
			400.420	650	540							48				
GICL24	1250	875	380	550	450	1050	925	730	890	685	15	46		60	448.1	3946
			400.420.450	650	540							50				
GICL25	1400	850	400.420.450.480	650	540	1120	970	770	930	724	15	50		60	564.64	4443
GICL26	1600	825	420.450.480.500	650	540	1160	990	800	950	733	15	50		60	637.4	4791
GICL27	1800	800	450.480.500	650	540	1210	1060	850	958	739	15	50		70	866.26	5758
			530	800	680							50				
GICL28	2000	770	480.500	650	540	1250	1080	890	1034	805	20	55		70	1020.76	6232
			530.560	800	680							55				
GICL29	2800	725	500	650	540	1340	1200	960	1034	792	20	57		80	1450.84	7549
			530.560.600	800	680							55				
GICL30	3200	700	560.600.630	800	680	1390	1240	1005	1050	806	20	55		80	1947.17	9514

- 1) 联轴器质量和转动惯量是按轴孔最小直径和最大长度计算的近似值。
- 2) D<sub>2</sub>≥465mm, 其密封圈采用圆形断面橡皮条粘结而成。
- 3) J1型轴孔根据需要, 也可以不使用轴端挡圈。
- 4) 允许角向补偿量1° 30'。
- 5) 允许径向补偿量ΔY列于下表。
- 1) The quality and moment of inertia are approximations calculated by the least diameter and the biggest length of axis length.
- 2) Seal ring are adopted by the circular surface felted by rubber.
- 3) On the basis of need, J1-axle hole could not use block ring at the end.
- 4) Allow orientation compensate 1° 30'.
- 5) Allow radial compensate, Y are according to the following list

型号	GICL1	GICL2	GICL3	GICL4	GICL5	GICL6	GICL7	GICL8	GICL9	GICL10
ΔY	1.96	2.36	2.75	3.27	3.8	4.3	4.7	5.24	5.63	6.81
型号	GICL11	GICL12	GICL13	GICL14	GICL15	GICL16	GICL17	GICL18	GICL19	GICL20
ΔY	7.46	8.77	10.08	11.15	11.36	13.3	13.87	14.53	15.71	16.49
型号	GICL21	GICL22	GICL23	GICL24	GICL25	GICL26	GICL27	GICL28	GICL29	GICL30
ΔY	17.02	17.28	18.06	18.6	19.4	19.9	19.92	21.2	21.1	21.7

## GIICL型鼓形齿式联轴器(JB/T8854.3-2001)

GIICL gear coupling(JB/T8854.3-2001)



### ◇ GIICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.2-2001)

Parameters and main size of GIICL drum shape tooth type coupling

型号 Type	额定 转矩 limited torque KN.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole	轴孔长度 length of the shaft hole		D	D <sub>1</sub>	D <sub>2</sub>	C	H	A	B	e	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
			D <sub>1</sub> 、d <sub>2</sub>	Y	J <sub>1</sub> 、Z <sub>1</sub>										
			mm												
GIICL1	0.4	4000	16.18.19	42	-	103	71	50	8	2	36	76	38	0.0035	5.1
			20.22.24	52	38									0.0035	3
			25.28	62	44									0.0035	3.1
			30.32.35	82	60									0.00375	3.6
GIICL2	0.71	4000	20.22.24	52	38	115	83	60	8	2	42	88	42	0.00575	4.9
			25.28	62	44									0.00550	4.5
			30.32.35.38	82	60									0.006	5.1
			40.42.45	112	84									0.00675	6.2
GIICL3	1.12	4000	22.24	52	38	127	95	75	8	2	44	90	42	0.010	7.5
			25.28	62	44									0.010	7
			30.32.35.38	82	60									0.0113	6.9
			40.42.45.48.50.55	112	84									0.0113	8.6
GIICL4	1.8	4000	38	82	60	149	116	90	8	2	49	98	42	0.02	10.1
			40.42.45.48.50.55.56	112	84									0.0223	12.2
			60.63.65	142	107									0.0245	14.5
GIICL5	3.15	4000	40.42.45.48.50.55.56	112	84	167	134	105	10	2.5	55	108	42	0.0378	16.4
			60.63.65.70.71.75	142	107									0.0433	19.6
GIICL6	5.00	4000	45.48.50.55.56	112	84	187	153	125	10	2.5	56	110	42	0.0663	22.1
			60.63.65.70.71.75	142	107									0.075	26.5
			80.85.90	172	132									0.0843	31.2
GIICL7	7.1	3735	50.55.56	112	84	204	170	140	10	3.5	60	118	42	0.103	27.6
			60.63.65.70.71.75	142	107									0.115	33.1
			80.85.90.95	172	132									0.1298	39.2
			100 (105)	212	167									0.151	47.5
GIICL8	10.00	3300	55.56	112	84	230	186	155	12	3	67	142	47	0.167	35.5
			60.63.65.70.71.75	142	107									0.188	42.3
			80.85.90.95	172	132									0.210	49.7
			100.110.(115)	212	167									0.241	60.2
GIICL9	16	3000	60.63.65.70.71.75	142	107	256	212	180	12	3	69	146	47	0.316	55.6
			80.85.90.95	172	132									0.356	65.6
			100.110.120.125	212	167									0.413	79.6
			130.(135)	252	202									0.470	95.8
GIICL10	22.4	2650	65.70.71.75	142	107	287	239	200	14	3.5	78	164	47	0.511	72
			80.85.90.95	172	132									0.573	84.4
			100.110.120.125	212	167									0.659	101
			130.140.150	252	202									0.745	119

### ◇ GIICL型鼓形齿式联轴器的主要尺寸和参数(JB/T8854.2-2001)

Parameters and main size of GIICL drum shape tooth type coupling

型号 Type	额定 转矩 limited torque KN.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole	轴孔长度 length of the shaft hole		D	D <sub>1</sub>	D <sub>2</sub>	C	H	A	B	e	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
			d <sub>1</sub> 、d <sub>2</sub>	Y	J <sub>1</sub> 、Z <sub>2</sub>										
GIICL11	35.5	2350	70.71.75	142	107	325	276	235	14	3.5	81	170	47	1.454	97
			80.85.90.95	172	132									1.096	114
			100.110.120.125	212	167									1.235	138
			130.140.150.	252	202									1.340	161
			160.170.175	302	242									1.588	189
GIICL12	50	2100	75	142	107	362	313	270	16	4	89	190	49	1.623	128
			80.85.90.95	172	132									1.828	150
			100.110.120.125	212	167									2.113	205
			130.140.150	252	202									2.40	213
			160.170.180	302	242									2.728	248
			190.200	352	282									3.055	285
			150	252	202									3.925	269
GIICL13	71	1850	160.170.180.(185)	302	242	412	350	300	18	4.5	98	208	49	4.425	315
			190.200.220.(225)	352	282									4.918	360
			170.180.(185)	302	242									8.025	421
GIICL14	112	1650	190.200.220	352	282	462	420	335	22	5.5	172	296	63	8.8	476
			240.250	410	330									9.725	544
			190.200.220	352	282									14.30	608
GIICL15	180	1500	240.250.260	410	330	512	470	380	22	5.5	182	316	63	15.85	696
			280.(285)	470	380									17.45	786
			220	352	282									23.925	799
GIICL16	250	1300	240.250.260	410	330	580	522	430	28	7	209	354	67	26.45	913
			280.300.320	470	380									29.1	1027
			250.260	410	330									43.095	1176
GIICL17	355	1200	280.(290).300.320	470	380	644	582	490	28	7	198	364	67	47.525	1322
			340.360.(365)	550	450									53.725	1532
			280.(295).300.320	470	380									78.525	1698
GIICL18	500	1050	340.360.380	550	450	726	658	540	32	8	222	430	75	87.75	1984
			400	650	540									99.5	2278
			300.320	470	380									136.75	2249
GIICL19	710	950	340.(350).380.(390)	550	450	818	748	630	32	8	232	440	75	153.75	2591
			400.420.440.450.460	650	540									175.5	3026
			(470)												
GIICL20	1000	800	360.380.(390)	550	450	928	838	720	32	10.5	247	470	75	261.75	3384
			400.420.440.450.460	650	540									299	3984
			480.500	800	680									360.75	4430
GIICL21	1400	750	400.420.440.450.460	650	540	1022	928	810	40	10.5	255	490	75	468.75	4977
			480.500	800	680									561.5	6152
			530.560.600	900	780									753.75	6318
GIICL22	1800	650	450.460.480.500	650	540	1134	1036	915	40	13	262	510	75	904.75	7738
			530.560.600.630	800	680									1517	10013
			670.(700).750.(770)	900	780									1725	1153
GIICL23	2500	600	530.560.600.630	800	680	1282	1178	1030	50	14.5	299	580	80	2486	12915
			670.(700).710.750	900	780									2838.5	15015
			800.850	1000	880									3131.75	16615
GIICL24	3550	550	560.600.630	800	680	1428	1322	1175	50	16.5	317	610	80	5174.25	19837
			670.(700).710.750	900	780									5836.5	22381
			800.850	1000	880									6413	24765
			900.950	-	980									7198.25	27797
GIICL25	4500	460	670.(700).710.750	900	780	1644	1538	1390	50	19	325	620	80		
			800.850	1000	880										
			900.950	-	980										
			1000.(1040)	-	1100										

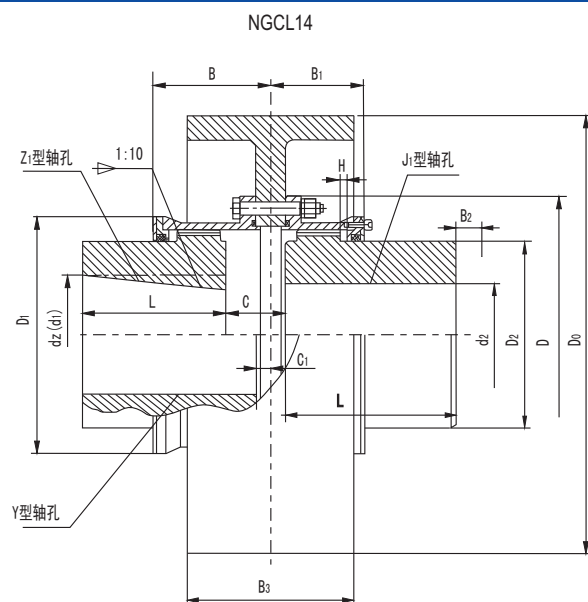
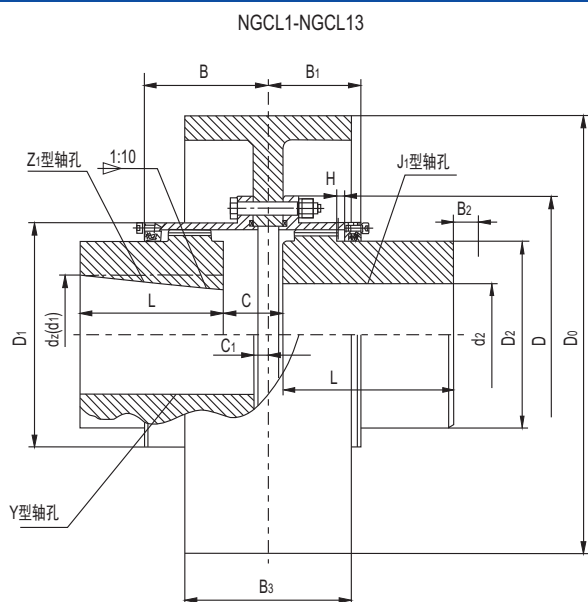
1、转动惯量与质量按J1型计算，并包括轴伸在内。2、轴孔长度推荐J1型。3、带括号的轴孔直径新设计时不用。

1, the rotation volume and weight are calculated by J1, and including axle extend. 2, the length of axle is commended by J1 type.

3, the hole diameter with bracket are not use when new design.

## NGCL型鼓形齿式联轴器(JB/T8854.3-2001)

NGCL gear coupling(JB/T8854.3-2001)



### ◇ NGCL型鼓形齿式联轴器的主要尺寸和参数 (JB/ZQ4644-1997)

Parameters and main size of NGCL drum shape tooth type coupling

型号 Type	额定 转矩 limited torque N.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole		轴孔长度 length of the shaft hole		D <sub>0</sub>	D	D <sub>1</sub>	D <sub>2</sub>	C	C <sub>1</sub>	H	B	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	转动 惯量 Rotate the inertia kg.m <sup>2</sup>	重量 weight kg
			dz	d <sub>1</sub> , d <sub>2</sub>	Y	J <sub>1</sub> , Z <sub>2</sub>													
NGCL1	355	4000	20~25	20.22.24	52	38	160	103	71	50	30	8	2	56	42	38	68	7	0.07
				25.28	62	44												7.3	0.07
				30.32.35	82	60												8	0.071
NGCL2	630	4000	25~45	25.28	62	44	160	115	83	60	36	8	2	68	48	42	68	9	0.079
				30.32.35.38	82	60												9.7	0.08
				40.42.45	112	84												11	0.083
NGCL3	1000	3800	30~55	28	62	44	200	127	95	75	41	8	2	70	49	42	85	14.6	0.181
				30.32.35.38	82	60												15.2	0.184
				40.42.45.48. 50.55.56	112	84												17	0.187
NGCL4	1600	3800	40~65	38	82	60	200	149	116	90	41	8	2	74	53	42	85	18.6	0.225
				40.42.45.48. 50.55.56	112	84												21.4	0.237
				60.63.65	142	107												23.8	0.246
NGCL5	2800	3000	45~75	40.42.45.48. 50.55.56	112	84	250	167	134	105	48	8	2.5	84	58	42	105	31.8	0.58
				60.63.65.70. 71.75	142	107												34.4	0.609

◇ NGCL型鼓形齿式联轴器的主要尺寸和参数 (JB/ZQ4644-1997)

Parameters and main size of NGCL drum shape tooth type coupling

型号 Type	额定 转矩 limited torque N.m	许用 转速 limited rotational speed rpm	轴孔直径 diameter of the shaft hole		轴孔长度 length of the shaft hole		D <sub>0</sub>	D	D <sub>1</sub>	D <sub>2</sub>	C	C <sub>1</sub>	H	B	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	重量 weight kg	转动 惯量 Rotate the inertia kg.m <sup>2</sup>
			d <sub>z</sub>	D <sub>1</sub> 、d <sub>2</sub>	Y	J <sub>2</sub> 、Z <sub>1</sub>													
NGCL6	4500	3000	50~90	45.48.50.55.56	112	84	250	187	153	125	49	9	2.5	85	59	42	105	37.2	0.714
				60.63.65.70.717.5	142	107												38.5	0.754
				80.85.90	172	132												47.6	0.795
NGCL7	6300	2400	60~100	50.55.56	112	84	315 (300)	204	170	140	53	9	2.5	93	63	42	132	48.8	1.17
				60.63.65.70.71.75	142	107												55.2	1.234
				80.85.90.95	172	132												61.8	1.299
				100	212	167												71.1	1.388
NGCL8	9000	1900	70~110	55.56	112	84	400	230	186	155	64	12	3	112	77	47	168	80.7	3.747
				60.63.65.70.71.75	142	107												90	3.841
				80.85.90.95	172	132												96.5	3.939
				100.110	212	167												108	4.072
NGCL9	14000	1500	80~130	60.63.65.70.71.75	142	107	500	256	212	180	71	13	3	119	80	47	210	128	9.427
				80.85.90.95	172	132												135	9.605
				100.110.120.125	212	167												151	9.847
				130	252	202												167	10.109
NGCL10	20000	1200	80~150	65.70.71.75	142	107	630 (600)	287	239	200	65	15	3.5	120	90	47	265	176	28.238
				80.85.90.95	172	132												190	28.509
				100.110.120.125	212	167												209	28.879
				130.140.150	252	202												237	29.248
NGCL11	31500	1050	100~170	70.71.75	142	107	710 (700)	325	276	235	77	16	3.5	134	94	47	298	257	44.309
				80.85.90.95	172	132												275	44.825
				100.110.120.125	212	167												300	45.53
				130.140.150	252	202												326	46.235
NGCL12	45000	1050	100~200	160.170	302	242	710 (700)	362	313	270	94	17	4	164	104	49	298	357	47.08
				75	142	107												306	47.88
				80.85.90.95	172	132												317	48.29
				100.110.120.125	212	167												351	49.52
				130.140.150	252	202												384	50.25
				160.170.180	302	242												425	52.22
NGCL13	63000	950	150~220	190.200	352	282	800	412	350	300	88	18	4.5	165	113	49	335	464	53.69
				150	252	202												490	82.7
				160.170.180	302	242												544	84.7
NGCL14	100000	950	170~220	190.200.220	352	282	800	462	420	335	92	20	5.5	209	157	63	335	596	86.67
				170.180	302	242												670	99.1
				245.250	410	330												736	102.2
																		785	105.9