

part number													
type (OC, OI, etc.)	outer diameter, in 16ths of an inch	placeholder, D	bore one size, in 16ths of an inch (E) or in mm (M)	E = English, M = metric bore thru, K = keyway	bore one type (b = blind, T = thru, K = keyway)	bore two size, in 16ths of an inch (E) or in mm (M)	E = English, M = metric bore thru, K = keyway	bore two type (b = blind, T = thru, K = keyway)	S = set screw, C = clamping	hub material (see chart at right)	placeholder, "HUB"	midsection material (see chart at right)	placeholder, "MID"
RX	4	D	2	M	B	2	M	B	S	A	HUB	N	MID
RX	6	D	2	F	B	3	F	B	S	A	HUB	N	MID
RX	8	D	2	F	B	4	F	B	S	A	HUB	N	MID
RX	10	D	6	M	B	4	F	T	S	A	HUB	N	MID
RX	12	D	4	F	B	4	F	T	S	A	HUB	N	MID
RX	16	D	6	F	B	6	F	T	S	A	HUB	N	MID
RX	21	D	8	F	T	8	F	T	C	A	HUB	N	MID
RX	26	D	8	F	T	8	F	T	C	A	HUB	N	MID
RX	32	D	8	F	T	10	F	T	C	A	HUB	N	MID
RX	36	D	8	F	B	10	F	B	S	A	HUB	N	MID
RX	4	D	2	M	B	2	M	B	S	S	HUB	N	MID
RX	6	D	2	F	B	3	F	B	S	S	HUB	N	MID
RX	8	D	2	F	T	4	F	B	S	S	HUB	N	MID
RX	10	D	6	M	T	4	F	T	S	S	HUB	N	MID
RX	12	D	4	F	T	4	F	T	S	S	HUB	N	MID
RX	16	D	6	F	T	6	F	T	S	S	HUB	N	MID
RX	21	D	8	F	T	8	F	T	C	S	HUB	N	MID
RX	26	D	8	F	T	8	F	T	C	S	HUB	N	MID
RX	32	D	8	F	T	10	F	T	C	S	HUB	N	MID
RX	36	D	8	F	T	10	F	B	S	S	HUB	N	MID
RX	4	D	2	M	T	2	M	B	S	P	HUB	N	MID
RX	6	D	2	F	B	3	F	B	S	P	HUB	N	MID
RX	8	D	2	F	B	4	F	B	S	P	HUB	N	MID
RX	10	D	6	M	B	4	F	T	S	P	HUB	N	MID
RX	12	D	4	F	T	4	F	T	S	P	HUB	N	MID
RX	16	D	6	F	T	6	F	T	S	P	HUB	N	MID
RX	21	D	8	F	T	8	F	T	C	P	HUB	N	MID
RX	26	D	8	F	T	8	F	T	C	P	HUB	N	MID
RX	32	D	8	F	T	10	F	T	C	P	HUB	N	MID
RX	36	D	8	F	T	10	F	B	S	P	HUB	N	MID

HUB materials	
code	material
A	aluminum
B	brass
F	alloy steel
P	Ultem
S	stainless steel

Physical specifications of RX vary with outer diameter and hub material.

This data assumes perfect shaft engagement and zero shaft slippage under torque. In practice, this would be most closely approximated with K type bore (keyway) and with C type shaft locking (clamping), and with a shaft-locking compound. In practice, set screw locking with plain bore and no locking compound would experience shaft slippage at torques lower than these rated torques.

peak torque	static break torque		torsional stiffness		moment of inertia, (10^8)kgm^2	mass, grams	maximum misalignment					max speed, rpm	maximum ambient temperature		
	Nm	in-lb	Nm/rad	in-lb/rad			radial		angular	axial			deg F	deg C	
							inches	mm	degrees	inches	mm				
2	17.7	2.2	19.5	1800	15931	0.37	0.59	0	0.00	0	0	0.00	10000	450	232
3.5	31.0	3.9	34.1	4200	37173	2.7	1.97	0	0.00	0	0	0.00	10000	450	232
4.64	41.1	5.1	45.2	11000	97358	12.9	5.8	0	0.00	0	0	0.00	8000	450	232
5.77	51.1	6.3	56.2	22000	194716	39.9	10.6	0	0.00	0	0	0.00	8000	450	232
11.9	105	13.1	116	38000	336328	82.9	16.2	0	0.00	0	0	0.00	8000	450	232
15.8	140	17.4	154	95000	840821	383	38.6	0	0.00	0	0	0.00	8000	450	232
32.8	290	36.1	319	220000	1947164	1588	98.1	0	0.00	0	0	0.00	8000	450	232
40.0	354	44.0	389	360000	3186268	4823	206	0	0.00	0	0	0.00	8000	450	232
49.9	442	54.9	486	680000	6018507	13243	387	0	0.00	0	0	0.00	8000	450	232
95.9	849	106	934	900000	7965671	29455	685	0	0.00	0	0	0.00	8000	450	232
2.1	18.6	2.3	20.4	2000	17701	1.03	1.65	0	0.00	0	0	0.00	10000	500	260
3.7	32.7	4.1	36.0	4600	40713	7.6	5.5	0	0.00	0	0	0.00	10000	500	260
4.9	43.6	5.4	48.0	11700	1.0E+05	35.8	16.2	0	0.00	0	0	0.00	8000	500	260
6.1	54.2	6.7	59.7	23800	2.1E+05	111	29.5	0	0.00	0	0	0.00	8000	500	260
12.6	112	13.9	123	41000	3.6E+05	231	45.1	0	0.00	0	0	0.00	8000	500	260
16.8	149	18.5	164	1.0E+05	9.2E+05	1066	108	0	0.00	0	0	0.00	8000	500	260
34.8	308	38.3	339	2.4E+05	2.1E+06	4425	273	0	0.00	0	0	0.00	8000	500	260
42.5	376	46.7	414	4.1E+05	3.6E+06	13436	573	0	0.00	0	0	0.00	8000	500	260
53.0	469	58.3	516	7.5E+05	6.6E+06	36892	1077	0	0.00	0	0	0.00	8000	500	260
102	902	112	992	1.0E+06	8.9E+06	82053	1908	0	0.00	0	0	0.00	8000	500	260
0.4	3.5	0.4	3.9	26	230	0.18	0.29	0.0005	0.01	0.1	0	0.00	10000	340	171
0.7	6.2	0.8	6.8	80	708	1.36	0.98	0.0005	0.01	0.1	0	0.00	10000	340	171
0.9	8.0	1.0	8.8	140	1239	6.4	2.89	0.0005	0.01	0.1	0	0.00	8000	340	171
1.2	10.6	1.3	11.7	200	1770	19.8	5.3	0.0005	0.01	0.1	0	0.00	8000	340	171
2.4	21.2	2.6	23.4	270	2390	41.2	8.0	0.001	0.03	0.1	0	0.00	8000	340	171
3.2	28.3	3.5	31.2	480	4248	190	19.2	0.001	0.03	0.1	0	0.00	8000	340	171
6.6	58.4	7.3	64.3	1400	12391	789	48.7	0.001	0.03	0.1	0	0.00	8000	340	171
8	70.8	8.8	77.9	2700	23897	2394	102	0.001	0.03	0.1	0	0.00	8000	340	171
10	88.5	11.0	97.4	3100	27437	6574	192	0.001	0.03	0.1	0	0.00	8000	340	171
19.2	170	21.1	187	5000	44254	14623	340	0.001	0.03	0.1	0	0.00	8000	340	171