

Double Flex Steel

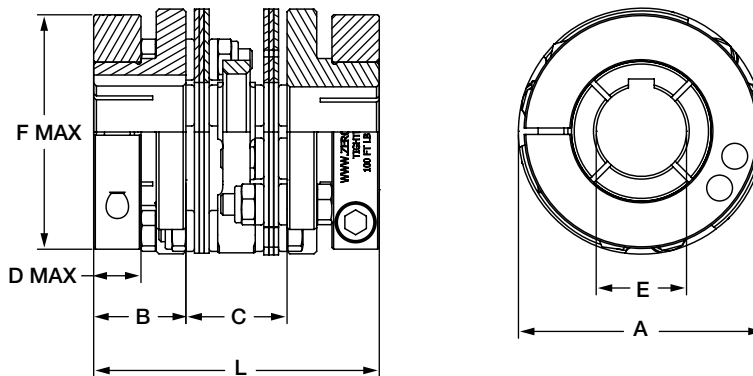
Performance Information

Model	Continuous Rated Torque	Peak Rated Torque	Torsional Stiffness	Maximum Speed		Misalignments			A Hub		B Hub		Clamp Hub		QD Hubs
				A + B Hub	Clamp Style Hub	Angular	Parallel	Axial	Weight at Max. Bore	Inertia at Max. Bore	Weight at Max. Bore	Inertia at Max. Bore	Weight at Max. Bore	Inertia at Max. Bore	Unit Weight w/ Bushing
				RPM	RPM	Degrees °	mm	mm	kg	kg-cm ²	kg	kg-cm ²	kg	kg-cm ²	kg
6P18 6P18C	20	40	5500	14000	12000	3	0.56	1.5	0.21	0.56	-	-	0.42	1.17	-
6P22 6P22C	30	60	8482	12000	11000	3	0.66	1.8	0.5	1.94	0.54	2.41	0.81	3.65	-
6P26 6P26C	53	106	9712	10500	9500	3	0.76	2.2	0.75	3.47	0.75	4.28	0.96	5.31	-
6P30 6P30C	90	181	20923	9000	8000	3	1	2.5	1.1	7.3	1.3	10.2	1.82	13.8	-
6P37 6P37C 6P37QD	181	362	32700	7400	6700	3	1.2	3.6	2.1	21.8	2.3	28.6	2.83	39.7	1.8
6P45 6P45C 6P45QD	282	564	60324	6100	5600	3	1.3	4.6	3.6	55.9	4	71.7	5.5	75	3.7
6P52 6P52C 6P52QD	402	804	82109	5100	4800	3	1.6	5.6	5.8	122	6.2	154	7.6	182	6.3
6P60 6P60C 6P60QD	718	1436	130763	4600	4400	3	1.8	6.6	8.4	232	9.8	319	11.9	393	8.6
6P67 6P67C 6P67QD	1164	2328	195265	4300	4100	3	1.9	7.6	11.9	413	14	565	17.8	687	11.2
6P77 6P77QD	1763	3526	296634	3300	-	3	2.3	8.1	17.5	799	20.8	1115	-	-	16.7
6P90	2825	5650	506395	2800	-	3	2.6	9.1	27.9	1744	33.7	2508	-	-	-
6P105	3944	7888	769756	2500	-	3	3.2	10.7	45.9	3986	53.6	5525	-	-	-
6P120	5333	10666	1034187	2100	-	3	3.5	12.7	68.2	7609	76	10670	-	-	-

- Consult Zero-Max for speeds higher than those listed and balancing requirements, if necessary.
- Consult Zero-Max for higher torque and higher torsional stiffness couplings.

Dimensional Information

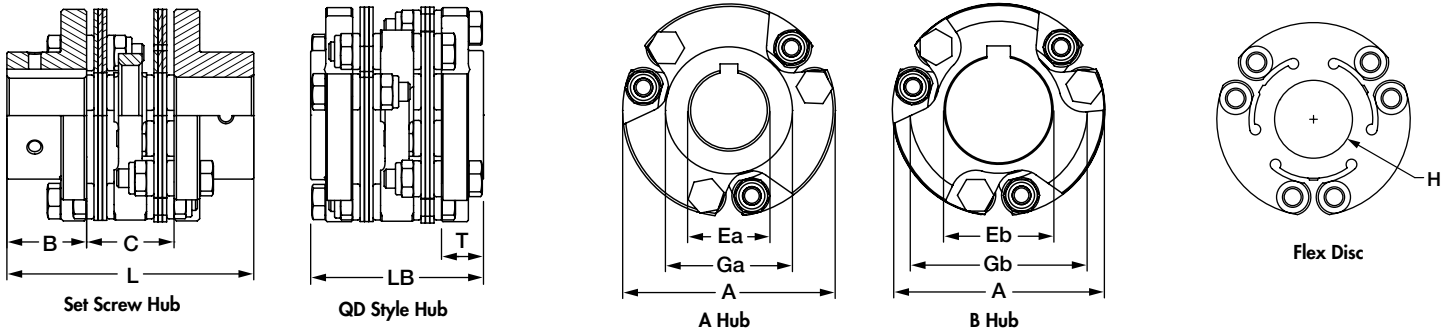
Clamp Style Hub



Model	A	B	C	D	Max. Bore E		F	H	L
					w/kwy	w/o kwy			
					mm	mm			
6P18C	47	20.6	20.3	12	16	21	45	20.1	61.5
6P22C	57.2	25.4	24.4	14	20	25	56	24.9	75.2
6P26C	66	26.9	26.4	14	24	30	60	25.4	80.3
6P30C	76.2	31.8	36.1	18	30	35	74	31	99.6
6P37C	95.3	36.6	42.4	19	40	48	94	38	115.6
6P45C	114.3	42.9	47	22	45	55	109	46	132.8
6P52C	133.4	49.3	53.6	25	60	65	125	54	151.9
6P60C	152.4	62	61.2	34	70	75	145	61	185.2
6P67C	171.5	69.9	68.6	34	80	90	165	69	208.3

Performance Note: The torque capacity of keyless clamped hubs is governed by many factors, including shaft/hub bore diameter, clamp size, and other installation variables. Keyless coupling hubs with smaller bore sizes (approximately less than one-half the maximum bore listed) may not transmit the full torque rating of the coupling. The A1C Aluminum hub style can also be considered in these applications. Consult Zero-Max for further detail if your application is of high torque/small shaft variety.

Set Screw Hub & QD Style Hub



Model	A	B	C	Max. Bore Ea A Hub	Max. Bore Eb B Hub	Ga A Hub	Gb B Hub	H	L	X*	Y*	QD only			
												LB	T	QD** Type	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
6P18	47	15.9	20.4	16	-	28.6	-	20.1	52.1	-	12.2	-	-	-	-
6P22	57.2	23.8	24.3	16	26	31	47.6	24.9	71.9	13	16.3	-	-	-	-
6P26	65.9	27	26.3	19	32	38.2	54.8	25.4	80.2	9.9	12	-	-	-	-
6P30	76.2	31.8	36.1	25	35	43	64	31	100	9.9	17.3	-	-	-	-
6P37 6P37QD	95.3	36.5	42.4	32	46	56	79	38	115	17.3	24.1	75	16	JA**	
6P45 6P45QD	114	42.9	47	42	60	68	95	46	133	23.1	34.3	92	22.4	SH**	
6P52 6P52QD	133	49.2	53.5	45	66	84	111	54	152	18.5	27.9	124	35.1	SD**	
6P60 6P60QD	152	61.9	61.2	60	76	93	127	61	185	17.5	36.1	131	35.1	SD**	
6P67 6P67QD	171	69.9	68.7	65	85	108	143	69	208	10.4	28.2	139	35.1	SK**	
6P77 6P77QD	197	79.4	80.1	75	100	117	164	79	239	22.6	35.6	156	35.1	SF**	
6P90	229	95.3	91	75	120	137	190	92	281	35.3	37.3	-	-	-	-
6P105	267	108	112	95	130	155	222	107	328	48.8	67.1	-	-	-	-
6P120	305	121	123	110	152	186	254	123	364	37.6	54.4	-	-	-	-

* "X" and "Y" dimensions are the minimum bolt travel required beyond the hub to disassemble the disc packs and intermediate member, respectively, from the hubs.

** QD Bushings not included with coupling. Customer supplied.

How to Order

6	Type	Size	Hub-Style	Bore 1	Keyway Specification*	X	Bore 2	Keyway Specification*
	P = Double-Flex	18 60 22 67 26 77 30 90 37 105 45 120 52	(omit) = Steel Set-Screw Hubs C = Steel Clamp Style Hubs QD = QD Style Hubs	Specify "mm" or "inches"	KEY = With Keyway NKW = No Keyway		Specify "mm" or "inches"	KEY = With Keyway NKW = No Keyway

* Standard Size Keyways (See charts below)

Bore sizes are based on the nominal shaft diameters, as documented by the AGMA Standard 511.02 (Bore and Keyway Sizes for Flexible Couplings).
All clearance fits (standard) are according with the ANSI B4.2 (imperial) and with the ISO 286-1 (metric).

Note: Other hub designs on request.

Bore Size (mm)		Keyway	Bore Size (mm)		Keyway
Over	To		Over	To	
10	12	4 x 1.8	58	65	18 x 4.4
12	17	5 x 2.3	65	75	20 x 4.9
17	22	6 x 2.8	75	85	22 x 5.4
22	30	8 x 3.3	85	95	25 x 5.4
30	38	10 x 3.3	95	110	28 x 6.4
38	44	12 x 3.3	110	130	32 x 7.4
44	50	14 x 3.8	130	150	36 x 8.4
50	58	16 x 4.3	150	170	40 x 9.4

Bore Size (mm)		Keyway ANSI B 4.2	Bore Size (mm)		Keyway ANSI B 4.2
Over	To		Over	To	
0.437	0.562	0.125 x 0.062	2.250	2.750	0.625 x 0.312
0.562	0.875	0.187 x 0.094	2.750	3.250	0.750 x 0.375
0.875	1.250	0.250 x 0.125	3.250	3.750	0.875 x 0.437
1.250	1.375	0.312 x 0.156	3.750	4.500	1.000 x 0.500
1.375	1.750	0.375 x 0.187	4.500	5.500	1.250 x 0.625
1.750	2.250	0.500 x 0.250	5.500	6.500	1.500 x 0.750

Example: 6P30C (20mm NKW x 30mm KEY)