

Single Flex Stainless Steel

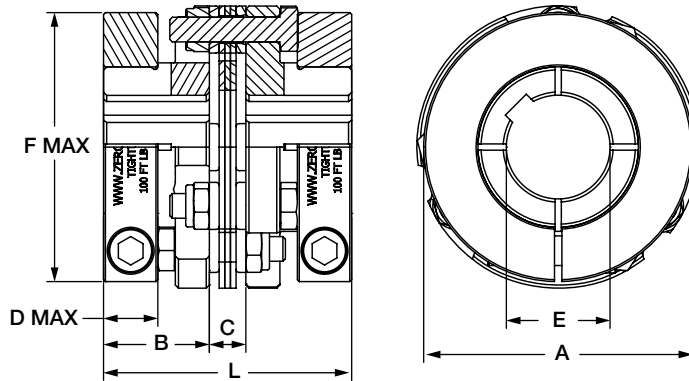
Performance Information

Model	Continuous Rated Torque	Peak Rated Torque	Torsional Stiffness	Maximum Speed		Misalignments			A Hub		Clamp Hub	
				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
				RPM	RPM	Degrees °	mm	mm	kg	kg-cm ²	kg	kg-cm ²
6A30-SS 6A30C-SS	90	180	42976	9000	8000	3	0.3	1.3	0.9	5.5	1.31	9.11
6A37-SS 6A37C-SS	181	362	67167	7400	6700	3	0.3	1.8	1.6	16.3	2.74	28.1
6A45-SS 6A45C-SS	282	564	123909	6100	5600	3	0.4	2.3	2.9	42.7	3.47	52.6
6A52-SS 6A52C-SS	402	804	168656	5200	4800	3	0.5	2.8	4.8	94.8	5.41	114

- 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

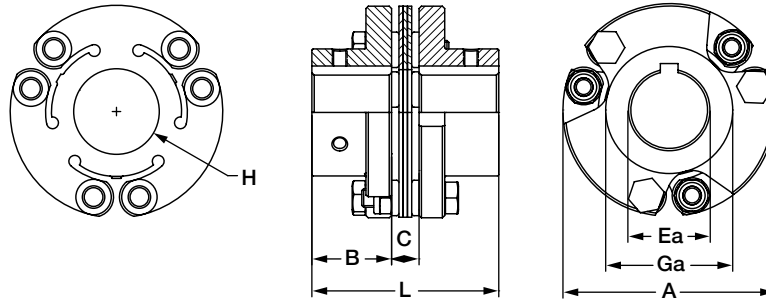
Clamp Style Hub



Model	A	B	C	D	Max. Bore E		F	H	L
					w/kwy	w/o kwy			
					mm	mm			
6A30C-SS	76.2	31.8	11.7	17.5	28	35	66.8	31	75.2
6A37C-SS	95.3	36.6	13.2	19.1	40	48	82.6	38	86.4
6A45C-SS	114	42.9	14.7	19.1	42	50	88.9	46	100.6
6A52C-SS	133.4	49.3	16.5	22.4	55	65	108	54	114.8

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 Style Hub



Model	A	B	C	Max. Bore		H	L	X*
				Ea	Ga			
				A Hub	A Hub			
6A30-SS	76.2	31.8	11.7	25	43	31	75	9.9
6A37-SS	95.3	36.5	13.3	32	56	38	86	17.3
6A45-SS	114	42.9	14.8	42	68	46	101	23.1
6A52-SS	133	49.2	16.4	45	84	54	115	18.5

* „X“ dimension is the minimum bolt travel required beyond the hub to disassemble the disc pack from the hubs.

How to Order

6	Type	Size	Hub-Style	(Bore 1	Keyway Specification*	X	Bore 2	Keyway Specification*)
	A = Single-Flex	30 37 45 52	-SS = Stainless Steel Set Screw hubs C-SS = Stainless Steel Clamp 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	Bore Size (mm)		Keyway
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: 6A30-SS (20mm NKW x 30mm KEY)