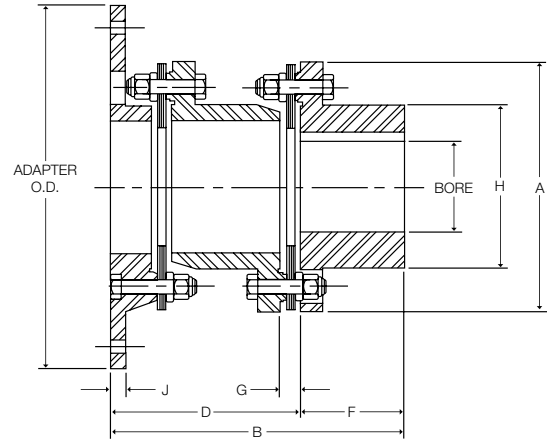


# Heavy Duty Spacer Coupling FSH Series - Form-Flex®

## Double Flex Spacer



Adapter O.D. / Standard Bolt Pattern						
314.33 [12.375]	352.43 [13.875]	466.73 [18.375]	517.53 [20.375]	571.50 [22.500]	673.10 [26.500]	733.43 [28.875]
12	14	18	20	22	26	28

SAE Bolting							
BC	295.275	333.375	438.15	488.95	542.925	641.35	692.15
Hole Qty	8	8	8	8	6	12	12
Hole Dia	10.414	10.414	13.462	13.462	16.51	16.51	19.812
HD Bolting							
BC	292.1	317.5	425.45	469.9	520.7	622.3	682.625
Hole Qty	8	8	8	8	8	12	12
Hole Dia	13.462	16.51	19.812	23.114	26.162	26.162	26.162

### STANDARD MATERIALS

HUBS - CARBON STEEL  
 SPACER - DUCTILE IRON OR CAST IRON  
 FLYWHEEL ADAPTER - DUCTILE IRON OR CAST IRON  
 HARDWARE - ALLOY STEEL  
 DISC PACKS - HIGH CARBON STEEL

Size	Max Bore				Dimensions (mm)							Available Adapter Sizes							
	Iron		Steel		A	B	D DBSE	F	G	H	J	X = Stock Size				0 = MTO			
	(mm)	(in)	(mm)	(in)								10	12	14	18	20	22	26	28
31	82	3.12	113	4.13	206.2	220.5	134.9	85.6	15.7	139.7	12.7	O	O	X	X	O	O		
35	97	3.62	125	4.50	231.6	244.3	149.1	95.3	16.8	155.4	12.7	O	O	X	X	O	O		
37	100	3.75	130	4.63	255.5	269.7	168.1	101.6	20.6	165.1	14.2			O	O	O	O		
42	114	4.25	142	5.00	279.4	288.8	180.8	108.0	20.6	177.8	16.0			O	X	O	X	X	O
45	120	4.50	150	5.50	301.5	304.8	190.5	114.3	22.1	188.7	17.5			O	X	O	X	X	O
50	-	-	170	6.13	327.7	349.3	222.3	127.0	26.9	212.6	19.1				X	O	X	X	X
55	-	-	193	6.88	381.0	388.9	249.2	139.7	31.8	241.3	22.4				X	O	X	X	X
60	-	-	212	7.50	406.4	434.8	276.1	158.8	34.0	266.7	25.4				X	O	X	X	X
70	-	-	233	8.50	469.9	493.5	315.7	177.8	38.1	298.5	25.4					X	X	X	X
75	-	-	261	9.00	508.0	527.1	342.9	184.2	38.9	330.2	28.7					O	O	X	X
80	-	-	275	9.12	558.8	571.5	374.7	196.9	39.6	349.3	31.8						O	X	X
85	-	-	290	10.38	603.3	609.6	400.1	209.6	41.1	368.3	31.8							O	X
92	-	-	320	11.00	654.1	666.8	438.7	228.6	44.5	403.1	35.1								X
92HT	-	-	307	10.50	654.1	666.8	438.4	228.6	44.5	403.1	35.1								X

Size	kW/ 100 RPM	Rated Torque (Nm)	Peak O/L Torque (Nm)	Max RPM (2)	Weight (kg) (1)	WR <sup>2</sup> (kg-m <sup>2</sup> ) (1)	Misalignment Capacity	
							Axial (+/- mm)	Angular (Degrees/ Disc Pack)
31	28.4	2,712	4,067	2,800	18.6	0.117	1.32	0.33°
35	52.1	4,971	7,457	2,600	26.8	0.188	1.42	
37	71.0	6,779	10,168	2,500	37.2	0.375	1.57	
42	86.5	8,248	12,371	2,400	48.5	0.518	1.70	
45	117	11,185	16,778	2,250	57.6	0.694	1.83	
50	152	14,462	21,692	2,000	85.7	1.56	2.08	
55	224	21,354	32,030	1,800	109.3	2.22	2.34	
60	309	29,488	44,232	1,600	147.4	3.45	2.59	
70	491	46,887	70,331	1,400	237.2	7.32	2.92	
75	631	60,219	90,329	1,300	306.2	10.24	3.18	
80	811	77,392	116,089	1,200	411	17.09	3.45	
85	982	93,662	140,493	1,100	480.8	23.24	3.56	
92	1232	117,501	176,251	1,000	636	35.12	3.96	
92HT	1657	158,174	237,261	1,000	659	37.75	3.96	

### ORDERING

FSH SERIES COUPLINGS ARE SOLD AS COMPLETE ASSEMBLIES (Components and repair kits are for repairs)

- 1) Specify coupling size and adapter size
- 2) Specify hub bore size and tolerance, keyway keyless, special hub length, etc.
- 3) Specify disc pack material

- 1) Weight and WR<sup>2</sup> calculated with steel hubs at maximum inch bore size and minimum available adapter size.
- 2) a) Max RPM shown for smallest available adapter size, do not exceed this speed for any given coupling size.  
 b) Verify that adapter speed limit is adequate for application speed, do not exceed coupling MAX RPM (See note 2a).
- 3) Flywheel mounting hardware is not supplied with coupling.
- 4) Consult factory for torsional stiffness and alternating torque limits.