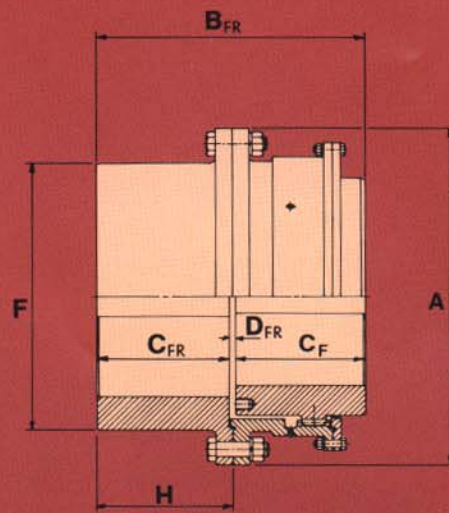


FULL-FLEX COUPLING



FLEX-RIGID COUPLING

Xtek Coupling Specifications

Coupling Size		8X	9X	10X	11X	12X	13X	14X	15X	16X	18X	20X	22X	24X	26X	28X	30X	
Load Rating	H.P./100 R.P.M.	2000	2700	3500	5000	6400	8000	9500	11,500	13,500	18,000	22,800	31,500	41,000	50,000	60,000	74,000	
	Torque (In.-Lbsx10 ⁶)	1.260	1.701	2.205	3.150	4.032	5.040	5.985	7.245	8.505	11.340	14.364	19.845	25.830	31.500	37.800	46.620	
Maximum Speed (R.P.M.)*		1750	1600	1450	1350	1225	1100	950	825	725	500	400	300	250	225	210	200	
Offset Misalignment— ^{Full Flex}		.160	.186	.209	.227	.236	.252	.268	.268	.295	.311	.331	.379	.386	.389	.402	.422	
Flex Hub	Max. Bore ^{w/2 Keys}	10.500	11.500	13.000	14.750	16.250	17.500	19.000	20.500	22.500	25.250	28.250	31.000	34.000	36.750	39.750	42.500	
	Rect. K.W. Size	2x¾	2½x¾	2½x¾	3x1	3x1	3½x1¼	4x1½	4x1½	4x1½	5x1¾	6x2	6x2	7x2½	7x2½	8x3	8x3	
Rigid Hub	Max. Bore ^{w/2 Keys}	13.000	14.500	15.500	17.000	19.000	21.000	22.000	24.000	25.500	28.500	31.500	35.000	37.000	40.500	43.500	47.000	
	Rect. K.W. Size	3x1	3½x1¼	4x1½	4x1½	4x1½	5x1¾	5x1¾	6x2	6x2	6x2	6x2	7x2½	7x2½	8x3	8x3	8x3	
Max. Interference Fit— ^{Full Flex} †		.0058	.0063	.0072	.0081	.0089	.0096	.0105	.0113	.0120	.0139	.0155	.0171	.0187	.0202	.0219	.0234	
DIMENSIONS	A	23.25	26.0	28.0	30.50	33.0	35.75	38.0	40.50	43.0	47.25	53.50	59.0	64.25	68.50	73.75	78.0	
	B _F	20.0	22.25	24.50	26.75	28.25	30.0	31.75	33.75	35.75	37.0	43.25	47.0	50.50	54.0	55.25	56.25	
	B _{FR}	20.12	22.31	24.62	26.87	28.37	30.0	31.75	33.75	35.75	37.0	43.25	47.12	50.62	54.12	55.37	56.37	
	C _F	9.81	10.87	12	13.12	13.87	14.62	15.50	16.50	17.37	18.0	21.12	23.0	24.75	26.50	27.12	27.62	
	C _{FR}	9.81	10.87	12	13.12	13.87	14.62	15.50	16.50	17.37	18.0	21.12	23.0	24.75	26.50	27.12	27.62	
	D _F	.375	.500	.500	.500	.500	.750	.750	.750	.750	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	D _{FR}	.500	.562	.625	.625	.625	.750	.750	.750	.750	1.0	1.0	1.0	1.125	1.125	1.125	1.125	1.125
	E	14.25	16.25	18.25	20.25	22.0	24.0	26.0	28.0	30.0	34.0	38.0	41.50	45.50	49.50	53.50	57.50	
	F	17.12	19.37	20.87	23.0	25.50	27.50	29.50	31.75	33.50	37.75	42.87	46.75	51.0	55.25	59.50	63.75	
	G	8.87	9.87	11.0	12.06	12.625	13.50	14.37	14.37	15.50	15.50	16.0	19.25	19.75	20.0	20.50	20.75	
H	10.12	11.19	12.37	13.50	14.25	15.0	15.87	16.87	17.87	18.50	21.62	23.62	25.37	27.12	27.75	28.25		

SEE PG. #5, FOR FLANGE DETAILS, PULLER HOLES, WEIGHTS, WR² AND ADDITIONAL DIMENSIONS
 * CONSULT XTEK FOR HIGHER SPEEDS
 † LARGER SIZES MAY BE AVAILABLE, DEPENDING ON INTERFERENCE FIT & K.W. SIZE, CONSULT XTEK
 ‡ BASED ON .00055" PER INCH OF SHAFT DIA., CONSULT XTEK FOR HEAVIER FITS
 MISALIGNMENT CAPABILITY IS ± ¼° PER FLEX HALF
 ■ COUPLINGS ARE DESIGNED TO WITHSTAND INFREQUENT OVERLOADS OF UP TO 1.7 TIMES RATED TORQUE.