



UB COUPLING

For general duty industrial applications where a maintenance-free, non-lubricated coupling is desired. The MAX-C® UB resilient coupling has high power ratings, allowing it to be used in tough applications. MAX-C® UB couplings are available in smaller size ranges for most general duty service, for larger sizes or higher power capacity, consider a MAX-C® K2 coupling.

The MC elastomer block used in the UB coupling is specially compounded for high strength, exceeding the capability of normal rubber block couplings. This combination of strength and resilience allows the UB coupling to be successfully applied to equipment with torque reversals, high momentary torques, start and stop operation and impact and shock loading.

Typical applications include runout tables, conveyors, overhead cranes, fan drives, and any service where shock loading is present. UB couplings are not meant to be used for reciprocating equipment, synchronous motor or variable frequency motor drives, or where a large amount of torsional displacement is required. For these applications an engineered MAX-C® CB or WB Type coupling should be considered.

### MAX-C® UB COUPLING SPECIFICATIONS

CPLG SIZE	COUPLING RATING (lbs.-in.)		MAX. SPEED (RPM)		MAX. BORE (in.)		DIMENSIONS (INCHES)									
	CONTINUOUS	PEAK	BALANCED	NOT BALANCED	RIGID (1)	FLEX HUB	A	B	C	E	E <sub>R</sub>	F(1)	G	K(2)	O	U
1.5	4400	8800	6900	4600	2.62	1.75	6.62	4.41	0.09	2.16	2.16	4.75	5.00	2.75	2.62	2.25
2.0	7600	15200	5900	3930	3.12	2.12	7.75	4.91	0.09	2.41	2.41	5.75	6.12	3.00	3.22	2.50
2.5	13900	27800	4800	3200	3.88	2.62	9.50	5.38	0.12	2.62	2.62	6.75	7.88	3.25	3.97	2.75
3.0	25200	50400	4100	2730	4.75	3.19	11.12	6.62	0.12	3.25	3.25	7.75	9.50	4.25	4.88	3.38
3.5	44100	88200	3600	2400	5.75	3.81	13.25	7.88	0.12	3.88	3.88	10.12	11.25	4.75	5.88	4.00
4.0	75600	151200	3000	2000	5.00	4.62	15.75	9.25	0.12	4.56	4.56	8.00	13.62	5.75	7.19	4.69
5.0	135500	271000	2400	1600	6.25	5.62	19.12	11.31	0.12	5.62	5.56	10.00	16.50	7.25	8.78	5.75
6.0	252100	504200	1950	1300	7.50	6.88	23.50	13.12	0.19	6.81	6.12	12.00	20.25	8.75	10.62	7.00
7.0	378000	756000	1760	1170	8.75	7.81	26.12	15.94	0.19	7.88	7.88	14.00	22.88	10.25	12.12	8.06

NOTE 1 - A LARGER RIGID BORE IS AVAILABLE BY INCREASING DIMENSION F - CONSULT KOP-FLEX

NOTE 2 - SPACE NEEDED FOR BLOCK REMOVAL.

### MAX-C® UB COUPLING PART NUMBERS

Coupling Size	Complete Coupling		Flex Half		Rigid		Spare Parts Kits					
	Part No.	Wt. Solid Hubs (lbs.)	Part No.	Wt. Solid Hubs (lbs.)	Part No.	Wt. Solid (lbs.)	Block Set		Center Flange Fasteners		End Ring Fasteners	
							Part No.	Wt. (lbs.)	Part No.	Wt. (lbs.)	Part No.	Wt. (lbs.)
1.5	15 UB FR	25	15 UB FH	11	15 UB RHUB	14	15 UB BS	0.4	15 UB CFFS	0.8	15 UB EFFS	0.4
2.0	20 UB FR	40	20 UB FH	18	20 UB RHUB	22	20 UB BS	0.8	20 UB CFFS	0.8	20 UB EFFS	0.5
2.5	25 UB FR	62	25 UB FH	28	25 UB RHUB	34	25 UB BS	1.5	25 UB CFFS	1.0	25 UB EFFS	0.5
3.0	30 UB FR	104	30 UB FH	50	30 UB RHUB	54	30 UB BS	2.7	30 UB CFFS	1.0	30 UB EFFS	0.5
3.5	35 UB FR	180	35 UB FH	80	35 UB RHUB	100	35 UB BS	4.5	35 UB CFFS	1.5	35 UB EFFS	0.7
4.0	40 UB FR	280	40 UB FH	140	40 UB RHUB	140	40 UB BS	8.1	40 UB CFFS	1.5	40 UB EFFS	1.0
5.0	50 UB FR	420	50 UB FH	220	50 UB RHUB	200	50 UB BS	14	50 UB CFFS	3.0	50 UB EFFS	1.4
6.0	60 UB FR	740	60 UB FH	450	60 UB RHUB	290	60 UB BS	25	60 UB CFFS	5.5	60 UB EFFS	3.0
7.0	70 UB FR	1030	70 UB FH	590	70 UB RHUB	440	70 UB BS	38	70 UB CFFS	6.0	70 UB EFFS	3.0