











#### www.cbsbearings.com



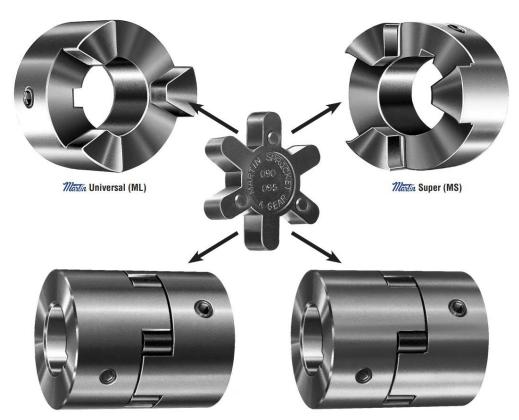
**Central Bearing** Supplies Ltd

Specialists in all Bearings, Linear and Transmission Products

**Athlone** Blyry Business and Commercial Park. N37 N260 0906 472 064 info@cbsbearings.com **Galway** Unit 10, Royal Rock Park. Ballybane Industrial Estate. H91 DC79 091 756 517 galway@cbsbearings.com



#### 70 Flexible Jaw Couplings



## **Jaw Coupling Selection Procedure**

- A. Determine Service Factor by Marching Driven Unit with Prime Mover in Service Factor Guide
- B. Multiply Service factor by driven unit or motor Kw. Two obtain adjusted Kw.
- C. Select flexible coupling with Kw. Capacity equal to or greater than adjust it Kw.

### *Martin* ML (Universal Series) — Torque and Kilowatt Ratings

Catalog Number	Torque Rating Nm.		Bruna-N Kilowatt Capacity at Various RPM										Weight (kg)
	Bruna-N	Hytrel*	100	300	720	960	1200	1440	1800	2880	3600	Bore	(Each)
035*	0,46		,005	,01	,04	,05	,05	,07	0,1	,14	0,18	9,5	,03
050	3,51	10,7	,037	,11	,26	,35	,45	,53	,7	1,05	1,3	15,9	,06
070	5,77	14,2	,06	,16	,43	,58	,63	,87	,9	1,73	5,17	19,1	,11
075	11,94	27,3	,125	,29	,90	1,20	1,16	1,80	1,7	3,61	4,51	22,2	,20
090	19,6	47,5	,201	,49	1,44	1,93	1,97	2,89	3,0	5,78	7,22	28,6	,31
095	25,8	64,1	,27	,67	1,95	2,59	2,7	3,89	4,0	7,78	9,73	28,6	,38
100	46,4	141,0	,58	1,5	4,18	5,58	5,9	8,36	8,9	16,73	20,91	34,9	,67
110	89,0	256,2	1,10	2,7	7,94	10,59	10,7	15,88	16,1	31,77	39,71	41,3	1,45
150	141,0	405,7	1,50	4,3	11,23	14,98	17,0	22,35	25,5	44,70	51,0	47,6	2,04
190	190,0	512,5	2,01	5,4	15,07	20,09	21,5	30,14	32,2	60,28	64,4	54,0	3,74
225	265,0	768,7	2,76	8,1	21,09	28,13	32,2	21,40	48,3	82,80	96,6	66,7	5,44

NOTE: Above Kw. capacities are for Bruna-N rubber spider and service factor of one. When Hytrel spider is used multiply capacities by three.

<sup>\*</sup> Available From U.S.A. Only.

















# Central Bearing Supplies Ltd

#### **ML Type Couplings**

ML type couplings range in size from 035 to 225. The coupling design provides for a color to be attached to our hub shielding the snap wrap spider. Ordering requires selecting item (UPC) numbers for one standard ML type hub, (without color attachment), one standard snap wrap center insert and one collar with screws.





#### **Standard Bore and Keyway Chart**

Bore	Keyway mm	Coupling Size												
mm		035	050	070	075	090	095	099	100	110	150	190	225	
4	No KW	×	-	-	-	-	-	-	-	-	-	-	-	
5	No KW	×	×	-	-	-	-	-	-	-	-	-	-	
6	No KW	×	×	-	-	-	-	-	-	-	-	-	-	
7	No KW	×	×	×	-	-	-	-	-	-	-	-	-	
8	No KW	×	×	×	-	×	-	-	-	-	-	-	-	
9	3×1,4	-	×	×	×	-	-	-	-	-	-	-	-	
10	No KW	-	×	×	×	-	-	-	-	-	-	-	-	
10	3×1,4	-	×	×	×	×	-	-	-	-	-	-	-	
11	4×1,8	-	×	×	×	-	×	-	-	-	-	-	-	
12	No KW	-	×	×	-	×	-	-	-	-	-	-	-	
12	4×1,8	-	×	×	×	×	×	-	×	-	-	-	-	
14	No KW	-	×	×	-	×	×	-	-	-	-	-	-	
14	5×2,3	-	×	×	×	×	×	×	×	-	-	-	-	
15	No KW	-	×	-	×	-	×	×	×	-	-	-	-	
15	5×2,3	-	×	×	×	×	×	×	×	-	-	-	•	
16	5×2,3	-	×	×	×	×	×	×	×	×	×	-	-	
17	5×2,3	-	-	×	×	-	×	-	×	×	×	-	-	
18	6×2,8	-	-	×	×	×	×	×	×	×	-	-	-	
19	No KW	-	-	-	-	×	-	-	-	×	-	-	-	
19	6×2,8	-	-	×	×	×	×	×	×	×	×	×	-	
20	6×2,8	-	-	-	×	×	×	×	×	×	×	×	-	
22	6×2,8	-	-	-	×	×	×	×	×	×	×	-	-	
24	8×3,3	-	-	-	-	×	×	×	×	×	×	×	-	
25	8×3,3	-	-	-	-	×	×	×	×	×	×	×	-	
28	No KW	-	-	-	-	-	-	-	-	-	×	×	-	
28	8×3,3	-	-	-	-	-	×	×	×	×	×	×	-	
30	8×3,3	-	-	-	-	-	-	×	×	×	×	×	×	
32	No KW	-	-	-	-	-	-	-	-	-	×	×	×	
32	10×3,3	-	-	-	-	-	-	-	×	×	×	×	×	
35	No KW	-	-	-	-	-	-	-	-	-	×	×	×	
35	10×3,3	-	-	-	-	-	-	-	×	×	×	×	×	
38	10×3,3	-	-	-	-	-	-	-	-	×	×	×	×	
40	12×3,3	-	-	-	-	-	-	-	-	×	×	×	×	
42	12×3,3	-	-	-	-	-	-	-	-	×	×	×	×	
45	14×3,8	-	-	-	-	-	-	-	-	-	×	×	×	
48	No KW	-	-	-	-	-	-	-	-	-	×	-	-	
48	14×3,8	-	-	-	-	-	-	-	-	-	×	×	×	
50	No KW	-	-	-	-	-	-	-	-	-	-	×	×	
50	14×3,8	-	-	-	-	-	-	-	-	-	-	×	×	
55	No KW	-	-	-	-	-	-	-	-	-	-	×	×	
55	16×4,3	-	-	-	-	-	-	-	-	-	-	×	×	
60	No KW	-	-	-	-	-	-	-	-	-	-	-	×	
60	18×4,4	-	-	-	-	•	-	-	-	-	-	-	×	
65	No KW	-	-	-	-	-	-	-	-	-	-	-	-	
65	18×4,4	-	-	-	-	-	-	-	-	-	-	-	×	
70	20×4,9	-	-	-	-	-	-	-	-	-	-	-	-	