

COUPLINGS



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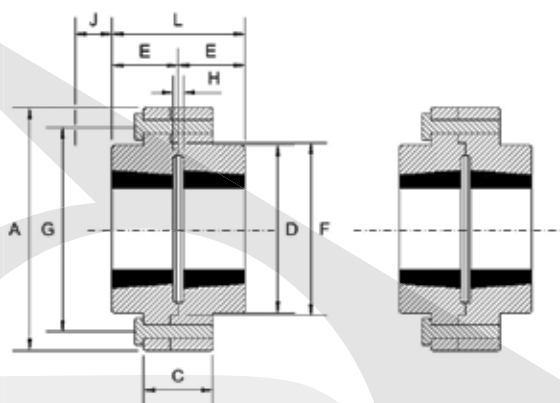


RIGID COUPLING DATA

Description

Taper Bore Rigid Couplings provide a convenient method of rigidly connecting ends of shafts. These couplings have a male and female flange fully machined. The male flange can have the taper bush fitted from the Hub side (H) or from the Flange side (F), the female flange always has the bush fitting (F).

This gives two possible coupling assemblies (HF) and (FF). When connecting horizontal shafts, the most convenient assembly should be chosen. When connecting vertical shafts use assembly (FF) only.



Coupling Assembly HF

Coupling Assembly FF

SELECTION

Part No.	Bush No.	Metric		A	C	D	E	F	G	H†	J*	L	Mass ‡ (kg)
		Metric	Inch										
RM12 FF	1210	32	1 1/4"	118	35	83	25	76	102	7	38	57	3.5
RM12 HF	1210	32	1 1/4"	118	35	83	25	76	102	7	38	57	3.5
RM16 FF	1610	42	1 5/6"	127	43	80	25	89	105	7	38	57	4.0
RM16 HF	1610	42	1 5/6"	127	43	80	25	89	105	7	38	57	4.0
RM25 FF	2517	60	2 1/2"	178	51	123	45	127	149	7	48	97	11
RM25 HF	2517	60	2 1/2"	178	51	123	45	127	149	7	48	97	11
RM30 FF	3020	75	3"	216	65	146	51	152	181	7	54	109	20
RM30 HF	3020	75	3"	216	65	146	51	152	181	7	54	109	20
RM35 FF	3525	100	4"	248	75	178	65	178	213	7	67	137	34
RM35 HF	3525	100	4"	248	75	178	65	178	213	7	67	137	34
RM40 FF	4030	110	4 1/2"	298	76	210	76	216	257	7	79	159	59
RM40 HF	4030	110	4 1/2"	298	76	210	76	216	257	7	79	159	59
RM45 FF	4535	125	5"	330	86	230	89	241	286	7	89	185	80
RM45 HF	4535	125	5"	330	86	230	89	241	286	7	89	185	80
RM50 FF	5040	125	5"	362	92	266	102	267	314	7	92	211	135
RM50 HF	5040	125	5"	362	92	266	102	267	314	7	92	211	135

All dimensions in millimetres unless otherwise stated.

* J is the wrench clearance to allow for tightening and loosening the bushing on the shaft. The use of a shortened wrench will permit this dimension to be reduced.

† H is the distance between shaft ends.

‡ Masses given are for couplings with mid-range bore Taper Lock Bushes.