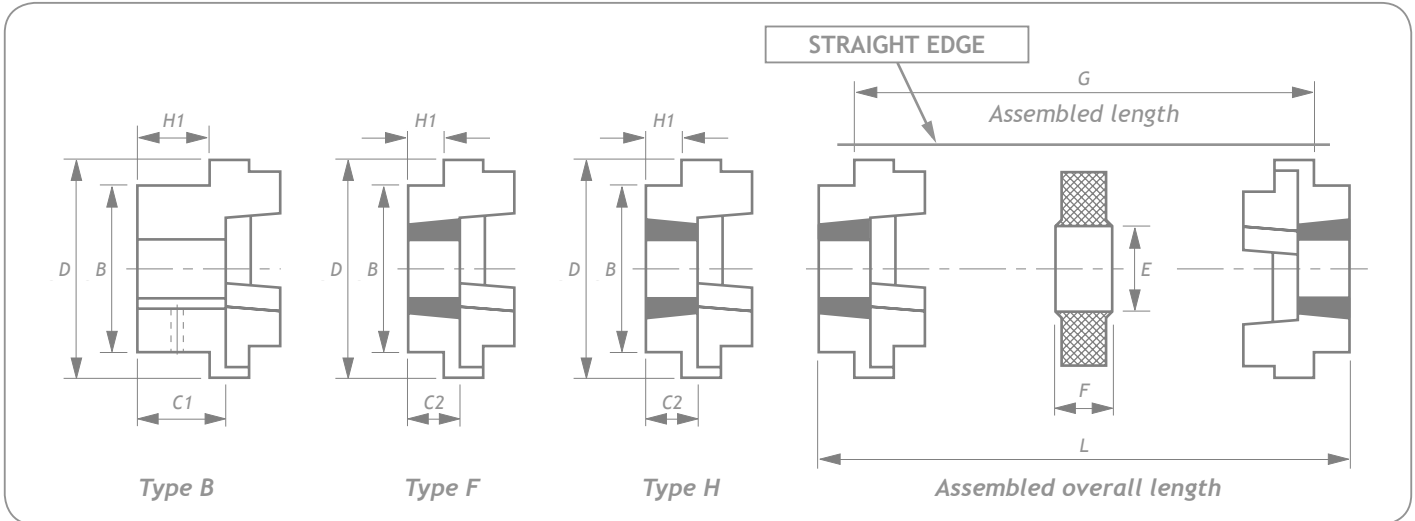


# Spiderflex

*Installation and lubrication instructions*



**RENO**  
Superior Coupling Technology



### Fitting of coupling half-bodies

The coupling half-bodies should be securely fastened to their respective shafts either by the use of taper bushes or bore and keywaying.

When the half-bodies have been secured on the shafts they should be checked for concentricity of rotation independently to ensure that they run true to the shafts.

Bores unless otherwise specified are machined to H8 tolerances.

### Alignment of coupling half-bodies

To check for parallel alignment use a straight edge at 90 degree intervals around the periphery and adjust by shimming either driven/driving shaft as required.

To check angular misalignment and distance between shaft ends measure the dimension G at 90 degree intervals and equalise to give optimum alignment.

	Coupling Size	Power /1000rpm Kw	Torque Nominal Nm	Speed Max rpm	Type B		Type F&H			Max misalignment		End Float mm
					Bore Dia		Bush Size	Bore		Offset mm	Angular deg	
					Max	Min		Max	Min			
644907	RSC70###	0.33	32	7700	32	0	TB1008	25	9	0.3	0.5	+2
644909	RSC90###	0.84	80	6300	42	0	TB1108	28	9	0.3	0.5	+5
644911	RSC110###	1.68	160	5000	55	0	TB1610	42	14	0.3	1	+6
644913	RSC130###	3.30	315	4100	60	0	TB1610	42	14	0.4	1	+8
644915	RSC150###	6.28	600	3600	70	0	TB2012	50	14	0.4	1.5	+9
644918	RSC180###	9.95	950	3000	80	0	TB2517	65	16	0.4	1.5	+1.1
644923	RSC230###	21	2000	2600	100	48	TB3020	75	25	0.5	2	+1.3
644928	RSC280###	33	3150	2200	115	60	TB3525	90	35	0.5	2.5	+1.7

	Coupling Size	Dimensions									Assembled overall length L		
		B mm	C1 mm	C2 mm	D mm	E mm	F mm	G mm	H1 mm	H2 mm	With halfbody combinations		
		BB	FF, FH, HH	FB, HB									
644907	RSC70###	61	23.5	23.5	69	31	18.0	25.0	20	20.0	65	65	65
644909	RSC90###	70	30.0	23.5	85	32	22.5	30.5	26	19.5	83	70	77
644911	RSC110###	100	45.0	26.5	112	45	29.0	45.0	37	18.5	119	82	101
644913	RSC130###	105	55.5	26.5	139	50	36.0	53.0	47	18.0	147	89	118
644915	RSC150###	115	60.0	33.5	150	62	40.0	60.0	50	23.5	160	107	134
644918	RSC180###	125	70.0	46.5	180	77	49.0	73.0	58	34.5	189	142	166
644923	RSC230###	155	90.0	52.5	225	99	59.5	85.5	77	39.5	240	164	202
644928	RSC280###	206	105.5	66.5	275	119	74.5	105.5	90	51.0	285	207	246