

Pinflex

Installation and maintenance instructions



RENOLD
Superior Coupling Technology

Fitting of Half-body Couplings

The coupling half-bodies should be securely fastened to their respective shafts. Where parallel or taper keys are used, the keyways should be sunk in the shafts; flats are not permissible. When the half-bodies have been secured, alignment should be checked.

Alignment of Half-body Couplings

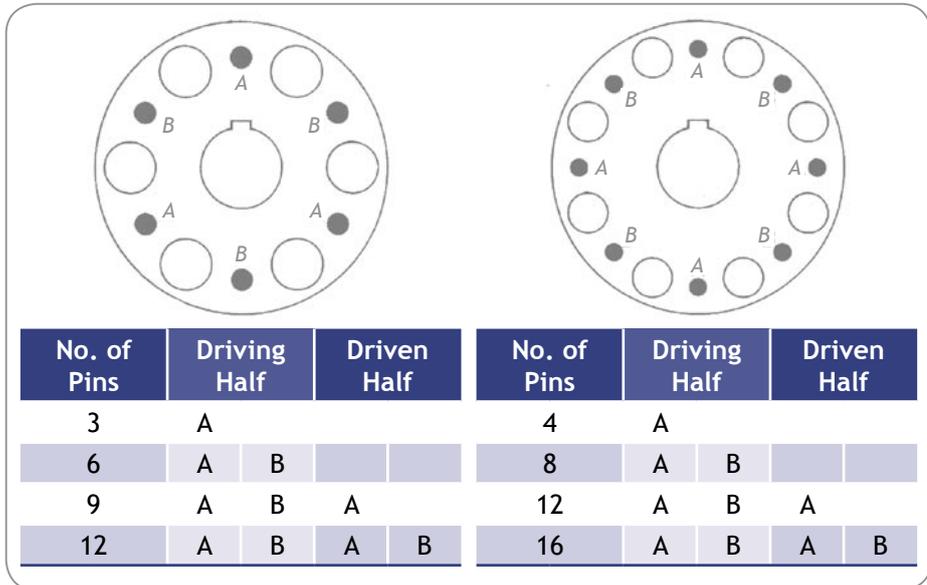
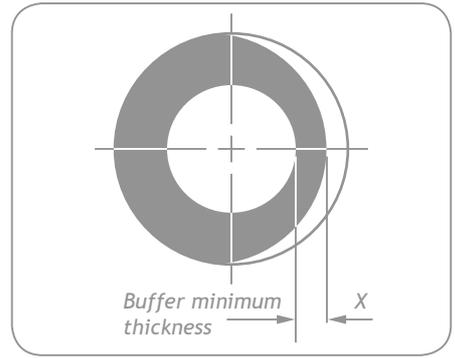
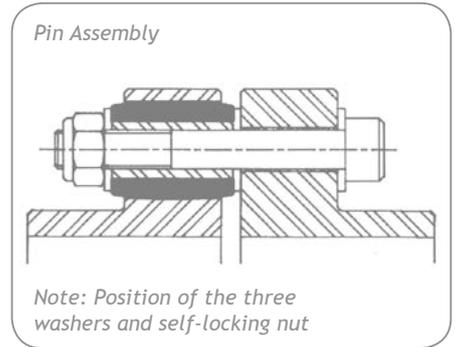
To check alignment use a straight edge at 90° intervals around the peripheries of the flanges. When the shafts are parallel rotate the half-bodies independently to ensure that they are running true with the shafts. Insert a feel gauge and slip gauges in the gap between the two half-bodies at 90° intervals. With perfect alignment the gaps should be equal at all 4 points. As a further check rotate one half-body through 90° and again check the gap at all four points. They should be equal.

Fitting of Pins

Fit the sleeve into the buffer and assemble with the screw, washers and nut into the coupling halves, in the appropriate position as shown in the diagrams. When all the pin assemblies are fitted, tighten them in pairs at 180° to each other where possible, to the recommended tightening torque listed in the table opposite.

Maintenance

Periodic inspection of buffers is recommended for any signs of wear. When the buffer minimum thickness is reached it is recommended to replace with new pin assemblies (see table for values).



Buffer Assembly Ref.	Coupling		Screw Size	Tightening Torque		Buffer Minimum Thickness
	Type	Size		Nm	lb. ft.	
8000 008		01142	MB	23	17	2.3
8000 010	80	02050	M10	46	34	2.5
		03060				
8000 012	81 82	04075	M12	80	59	3.3
		05090				
8000 016		06110	M16	197	145	4.7
8000 020		07130				
		08150	M20	385	264	5.0

Spare parts product numbers

Complete Coupling	Buffer set	No. of buffers per set
8001042 8101042 8201042	8000008	3
8002052 8102050 8202050	8000010	3
8003060 8103063 8203060	8000010	3
8004075 8104075 8204075	8000012	1
8005090 8105090 8205090	8000012	1
8006110 8106110 8206110	8000016	1
8007130 8107130 8207130	8000016	1
8008150 8108150 8208150	8000020	1
8009240	8000020	1