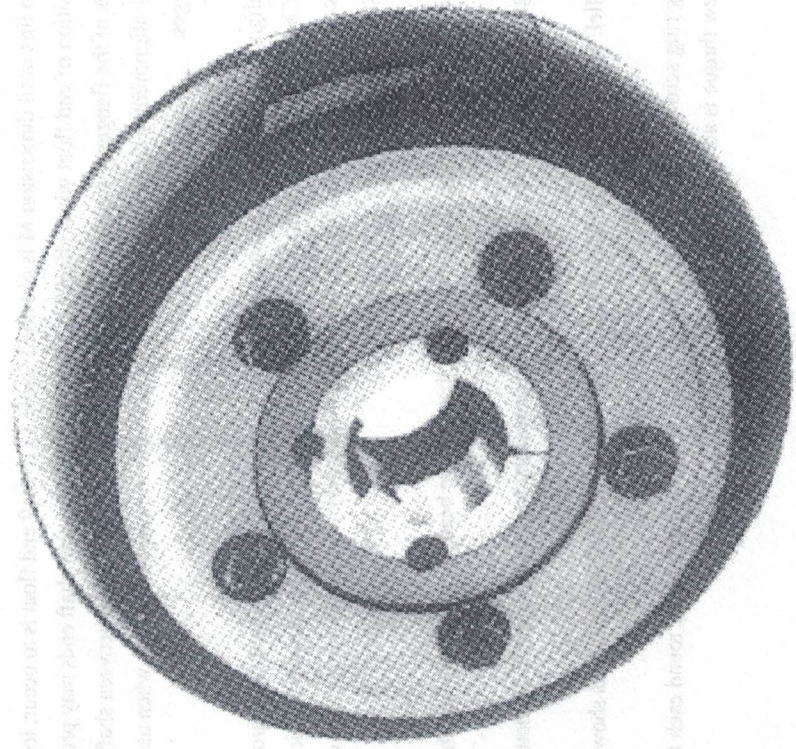


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ALLANFLEX TYRE COUPLING

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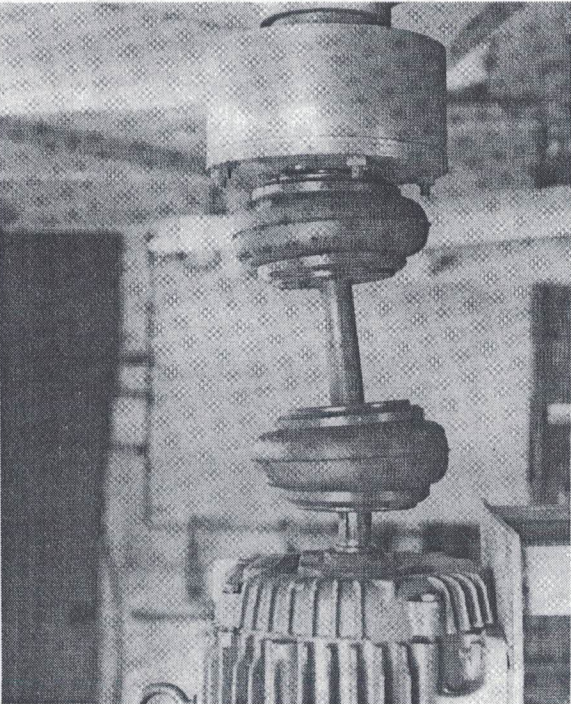


TABLE 1

SIZE	TYPE	MAX. TORQUE (kgm)	MAX. SPEED (rpm)
100	100	100	100
125	125	125	125
150	150	150	150
200	200	200	200
250	250	250	250
300	300	300	300
350	350	350	350
400	400	400	400
450	450	450	450
500	500	500	500

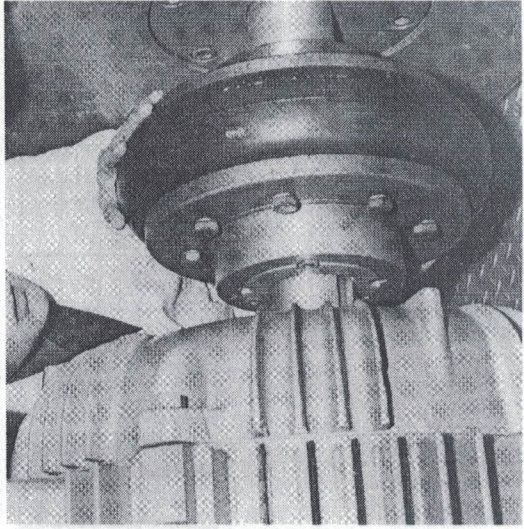


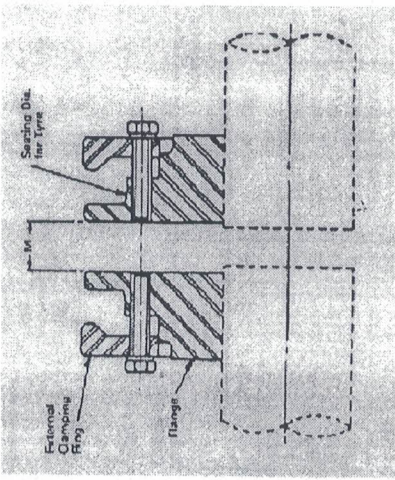
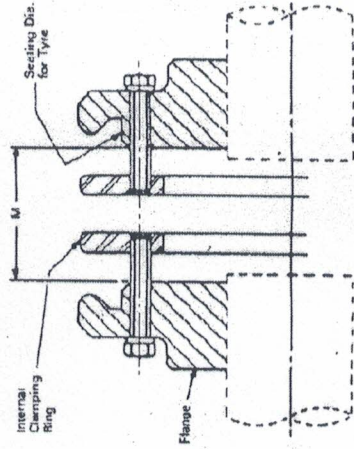
TABLE 2

SIZE	TYPE	MAX. TORQUE (kgm)	MAX. SPEED (rpm)
100	100	100	100
125	125	125	125
150	150	150	150
200	200	200	200
250	250	250	250
300	300	300	300
350	350	350	350
400	400	400	400
450	450	450	450
500	500	500	500

Installation Instructions

ALLANFLEX TYRE COUPLING

1. Thoroughly clean all components, paying attention to the removal of the protective coating in the bore of flanges.
2. Fit flanges to the shafts after placing the external clamp rings on the shafts. (Where "Taper Lock" flanges are used, see separate fitting instructions supplied with the Taper Lock Bushes) Locate flanges so that dimension M is obtained (see paragraph 3) Flanges with internal clamping rings should then have the clamping rings fitted, engaging only two or three of the threads of the screws at this time.
3. Bring shafts into line until dimension M is obtained (table 1) If shaft end float is to occur, locate the shafts at midposition of end float when checking dimension M. Note that shaft ends may project beyond the faces of the flanges if required in this event, allow sufficient space between shaft ends for end float and mis-alignment. Flanges should be fitted flush with the end of the shaft when used with Mill-Motor flanges.



4. Check parallel alignment by laying a straight edge across the flanges at several positions around the circumference. Check angular alignment by measuring gap between flanges at several positions around the circumference. It is desirable to align the coupling as accurately as possible, particularly on high speed applications.

5. Open out tyre and fit over coupling flanges ensuring that the tyre beads seat properly on the flanges and or clamping rings. To ensure proper seating, it may be necessary to strike the outside diameter of the tyre with a small mallet. When seated there should be a gap between the ends of the tyre as shown in table 2.

6. Tighten clamping ring screws alternately and evenly (half turn at a time) working round each flange until the required screw torque is achieved (table 2).

NOTE Satisfactory performance depends on correct installation and maintenance.

Under no circumstances should any machine be started unless the coupling and associated machine is completely assembled.

All instructions in this manual must therefore be followed carefully.

TABLE 1

Coupling Size	A40	A50	A60	A70	A80	A90	A100	A110	A120	A140	A160	A180	A200	A220	A250
	M mm	22	25	33	23	25	27	27	25	29	32	30	46	48	55
Screw Size	M6	M6	M6	M8	M8	M10	M10	M10	M12	M12	M16	M16	M16	M20	M20
Clamping Screw Torque	15	15	15	24	24	40	40	40	50	55	80	105	120	165	165

TABLE 2

COUPLING SIZE	A40 to A60	A70 to A120	A140 and A160	A180 to A250
Tyre Gap mm	2	3	5	6