

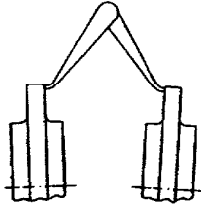
EQUIPMENT ALIGNMENT

Coupling alignment is directly related to equipment and coupling life.

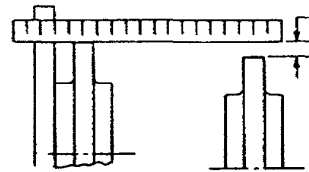
Although Omega couplings can withstand gross misalignment, care should be taken for best possible alignment to assure optimum performance. The caliper/straightedge alignment procedure is described below. If greater alignment accuracy is desired, a dial indicator method is recommended. There are occasions when equipment manufacturers require more specific alignment tolerances, in which case the manufacturer's recommendations should be followed.

1. To correct for angular misalignment, use calipers to check the gap between hubs. Adjust or shim equipment until the gap is the same at all points around the hubs.
2. To correct parallel offset, place a straightedge across the hub flanges in two places at 90° to each other. Adjust or shim equipment until the straightedge lays flat on both sides.
3. Tighten down connected equipment and recheck alignment.
4. Install elastomer element, tightening all capscrews to the values shown in Table 1 as described on the reverse side.
5. If practical, recheck and tighten capscrews after several hours of operation.

Angular misalignment cannot be greater than 1 degree per 1/16".



ADJUST FOR ANGULAR MISALIGNMENT



PARALLEL OFFSET

1/32" maximum parallel offset,

ADJUST FOR PARALLEL OFFSET

DIMENSIONS AND PART NUMBERS

Coupling Part Numbers

FLEXIBLE ELEMENT		CAPSCREWS*						
Size	Spacer	Standard	Carbon Steel	Stainless Steel	Size-In	Metric Part Number	Size-MM	Qty
2	00075	00005	00910	00938	1/4-20 x 3/8	01410	M6-1 x 10	8 + 8**
3	00080	00010	00912	00940	1/4-20 x 1/2	01420	M6-1 x 12	8 + 8**
4	00085	00015						8 + 8**
5	00090	00020						8 + 8**
10	00095	00025	00918	00946		01450		12 + 8**
20	00100	00030	00920	00948	3/8-16 x 5/8	01460	M10-1.5 x 16	12
30	00105	00035						12
40	00110	00040	00924	00952		01480		16
50	00115	00045						16
60	00120	00050	00928	00956	1/2-13 x 7/8	01500	M12-1.75 x 25	16
70	00125	00055						16
80	00130	00060						16
100	-	00065	00934	00965		01530		20
120	-	00070	00936	00967	3/4-10 x 1-1/2	01540	M20-2.5 x 40	24
140	-	00071	05733	05702	1/2-8 x 1-1/2	01545	M24-3.0 x 40	32

Capscrews have self-locking patches which should not be lubricated or reused more than twice.

Extra capscrews provided for spacer couplings with rings.

Hubs*

Size	Rough Bore		Stock Bore (Part & Ranges)		Taper-Lock Hubs		Taper-Lock	O.D. Hubs	O.D.	Standard Sleeve Ext.
	STD 11	Steel	STD 11	Steel	Iron	Steel	Bushing	Steel	Bushing	Steel
2	00215	69822	00220-00235	-	-	-	-	-	-	-
3	00240	69823	00245-00265	-	-	00730	1008	-	-	-
4	00270	69824	00275-00300	-	00800	00740	1008	00860	JA	69575
5	00305	69825	00310-00335	-	00805	00745	1108	00865	SH	69576
10	00340	69826	00345-00370	-	00810	00750	1310	00870	SDS	69577
20	00650	00375	00651-00659	00380-00400	00815	00755	1610	00875	SK	69578
30	00660	00405	00661-00668	00408-00425	00820	00760	2012	00880	SF	69579
40	00670	00430	00669-00679	00431-00455	00825	00765	2517	00885	E	69580
50	00680	00460	00681-00686	00461-00470	00830	00770	2517	00890	E	69581
60	00690	00475	00692-00698	00480-00495	00835	00775	3020	00895	F	69582
70	00700	00500	-	-	00840	00780	3535	00900	J	69583
80	00710	00525	-	-	00845	00785	4040	00905	M	69584
100	00720	00550	-	-	00850	-	4545	-	M	69834
120	00725	00575	-	-	00855	-	5050	-	N	69635
140	00727	00580	-	-	00857	-	7060	00906***	P	-

* Hubs are interchangeable for both the spacer and the standard coupling.

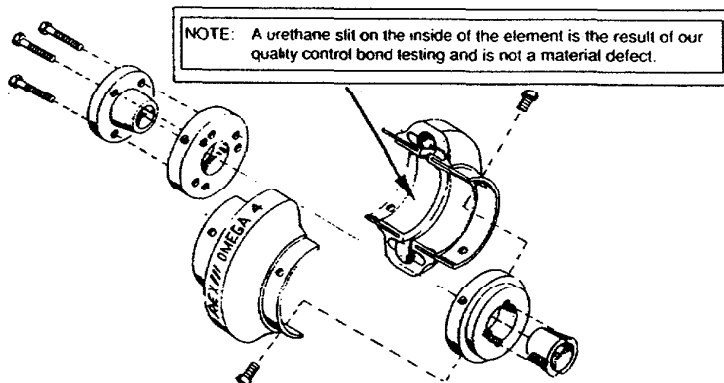
** Consult Factory

*** Iron

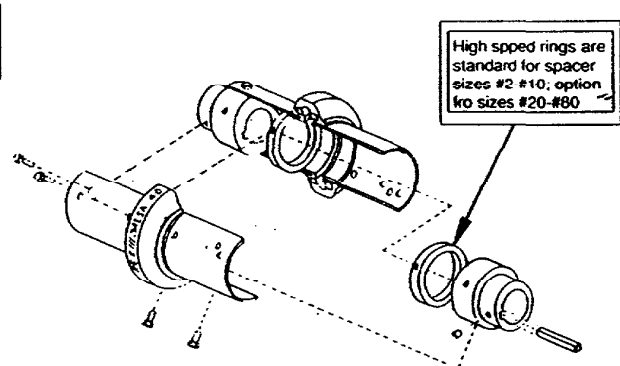
† Not supplied by Hexnord.

†† Standard hub material specifications: High strength sintered steel (Sizes #2 - #10), and Cast iron (Sizes #20 and above).

REX OMEGA STANDARD COUPLING



REX OMEGA SPACER COUPLING



NOTE: Omega hubs are interchangeable with either standard or spacer flex elements; i.e., taper bushed hubs can be used with spacer elements and finished straight bore hubs can be used with standard elements.



Elastomer Products Operation
16350 W. Glendale Drive, New Berlin, WI 53151
Phone: 414-784-1090 FAX: 414-784-6513