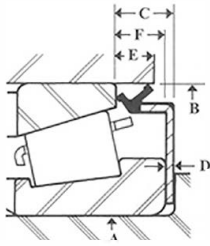


ExcluderSeals® for Tapered Roller Bearings

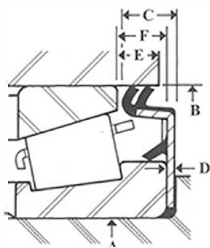
Note: Tables are arranged by cone bore size, -A-.



CT

The CT style is a double lip Excluder Seal® that provides extra protection from contaminants. The excluder lips seal on the housing bore and cup face. The air side of the metal case is rubber covered and clamps between the cone back face and the shaft shoulder. This seal is used in front-end loaders and roll formers for seamless tubing.

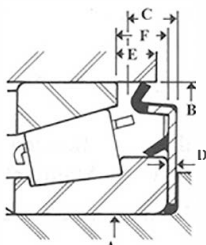
Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Seal Flange Width -D-	Min. Hsg. Depth -E-	Bearing Standout -F-
	Cone	Cup						
CT-JLM710910	JLM710949	JLM710910	65mm/2.559	105mm/4.133	.236	.030	.198	.216
CT-64700-450	64450	64700	4.500	7.000	.520	.050	.325	.437
CT-67720-87	67787	67720	6.875	9.750	.425	.050	.300	.375
CT-M268710-730	M268730	M268710	15.000	23.250	1.062	.062	.725	1.000



CU

The CU style is a double excluder lipped seal for added protection in extremely dirty or wet environments. The two lips open during bearing re-lubrication to allow excess grease to be flushed from the bearing cavity. This seal features an elastomer locator lip that positions the seal onto the bearing cone for easy, accurate assembly. Rubber on the seal I.D. provides a positive seal against the shaft. The heavy-gauge steel case is clamped between the cone back face and the shaft shoulder. The face can be rubber covered unless heavy clamping pressure precludes using rubber on the seal outside face or where space is limited. This seal is generally used in agricultural equipment.

Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Seal Flange Width -D-	Min. Hsg. Depth -E-	Bearing Standout -F-
	Cone	Cup						
CU-HM803110	HM803149	HM803110	1.750	3.500	.230	.030	.281	.281
CU-JM738249-210	JM738249	JM738210	7.480	10.236	.405	-	.374	.374
CU-JHM840410	JHM840449	JHM840410	200mm/7.874	300mm/11.811	.520	.076	.400	.551
CU-X30209/Y30209	X30209	Y30209	1.7717	3.3465	.218	-	-	.203



CL

The CL Excluder Seal® features a single excluder lip that seals against the housing bore, and an elastomer locator lip to position the seal on the large cone rib diameter of the bearing for easy, accurate assembly. The heavy-gauge steel case is clamped between the cone back face and the shaft shoulder. The outside seal face is rubber covered unless heavy clamping pressure prevents using rubber or where space is limited. Rubber on the seal I.D. provides a positive seal against the shaft. Coordinating the CL and the CJ series will create a complete sealing system.

Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Seal Thickness -D-	Min. Hsg. Depth -E-	Bearing Standout -F-
	Cone	Cup						
CL-32011X	32011X	YKB32010X	55mm/2.165	90mm/3.543	.195	.050	.240	.216
CL-JLM508710	JLM508748	JLM508710	60mm/2.362	95mm/3.740	.200	.060	.170	.195
CL-39521-90	39590	39521	2.625	4.437	.275	.125	-	.250
CL-752-759	759	752	3.500	6.375	.300	.075	.313	.375
CL-JM719113-149	JM719149	JM719113	95mm/3.740	150mm/5.905	.375	.064	.200	.315
CL-52375-637	52375	52637	3.750	6.375	.377	.030	.315	.406
CL-JHM534110-149	JHM534149	JHM534110	170mm/6.692	230mm/9.055	.286	.030	-	.315

• Cup counter bore O.D.