

Fig. 1. Backing shoulder against seal backface.

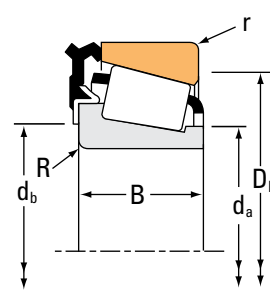
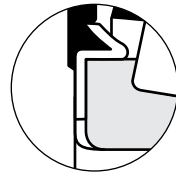
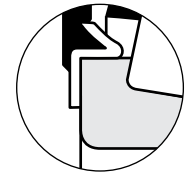


Fig. 2. Backing shoulder against cone (inner-ring) backface (below seal).



Part Number				Bearing Dimensions							Geometry Factors			Bearing Weight
Inner	Outer	Seal	Fig.	Bearing		Shaft			Housing		G ₁	G ₂	C _g	
				Inner Ring Width B	Eff. Ctr. a ⁽⁴⁾	Max. Shaft Fillet Radius R ⁽⁵⁾	Backing Shoulder Dia. d _a d _b		Max. Housing Fillet Radius r ⁽⁵⁾	Backing Shoulder Dia. D _b				
				mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.				kg lbs.
LM11949	LM11910	LM11900EA	2	16.637 0.6550	-5.6 -0.22	1.3 0.05	23.5 0.93	25.0 0.98	1.3 0.05	39.5 1.56	6.6	5.5	0.0441	0.12 0.28
LM11949	LM11910	LM11900LA	1	16.637 0.6550	-5.6 -0.22	1.3 0.05	23.5 0.93	25.0 0.98	1.3 0.05	39.5 1.56	6.6	5.5	0.0441	0.12 0.28
M12649	M12610	M12600LA	1	18.288 0.7200	-6.4 -0.25	1.3 0.05	27.5 1.08	29.5 1.16	1.3 0.05	44.0 1.73	9.1	5.6	0.0479	0.17 0.37
07100	07196	07000LA	1	14.260 0.5614	-2.8 -0.11	1.0 0.04	29.5 1.16	30.5 1.20	1.0 0.04	44.5 1.75	7.6	7.1	0.0509	0.11 0.25
L44642	L44610	L44600LC	1	14.732 0.5800	-3.3 -0.13	3.5 0.14	29.5 1.16	36.0 1.42	1.3 0.05	44.5 1.75	8.9	8.9	0.0526	0.13 0.27
L44643	L44610	L44600LA	2	14.732 0.5800	-3.3 -0.13	1.3 0.05	30.0 1.18	32.0 1.26	1.3 0.05	44.5 1.75	8.9	8.9	0.0526	0.13 0.28
L44643X	L44610	L44600LB	2	14.732 0.5800	-3.3 -0.13	1.3 0.05	29.5 1.16	31.8 1.25	1.3 0.05	44.5 1.75	8.9	8.9	0.0526	0.13 0.28
LM67048	LM67010	LM67000LA	1	16.764 0.6600	-3 -0.12	3.5 0.14	36.0 1.42	42.5 1.67	1.3 0.05	52.0 2.05	12.8	9.7	0.0612	0.18 0.39
LM48548	LM48510	LM48500LA	1	18.288 0.7200	-3.6 -0.14	3.5 0.14	41.5 1.63	48.0 1.89	1.3 0.05	58.0 2.28	18.0	10.6	0.0666	0.25 0.54
LM29748	LM29710	LM29700LA	1	18.288 0.7200	-4.1 -0.16	3.5 0.14	42.5 1.67	49.0 1.93	1.3 0.05	58.9 2.32	20.4	15.0	0.0666	0.23 0.50
13685	13621A	13600LA	1	19.050 0.7500	-3 -0.12	3.5 0.14	43.0 1.69	49.5 1.95	2.3 0.09	61.0 2.40	20.7	12.2	0.0713	0.27 0.60
13685	13621	13600LA	1	19.050 0.7500	-3 -0.12	3.5 0.14	43.0 1.69	49.5 1.95	2.3 0.09	61.0 2.40	20.7	12.2	0.0713	0.28 0.62
390A	394A	395LC	1	21.996 0.8660	-0.8 -0.03	1.5 0.06	70.0 2.76	73.0 2.87	1.3 0.05	101.0 3.98	56.0	21.4	0.0984	0.84 1.84
399A	394A	395LA	1	21.996 0.8660	-0.8 -0.03	2.3 0.09	74.0 2.91	78.0 3.07	1.3 0.05	101.0 3.98	56.0	21.4	0.0984	0.75 1.65

⁽⁴⁾Negative value indicates effective center inside cone (inner-ring) backface.

⁽⁵⁾These maximum fillet radii will be cleared by the bearing corners.