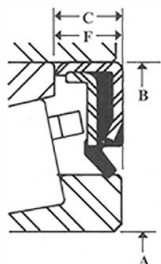


Excluder Seals® for Tapered Roller Bearings

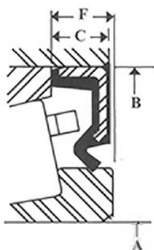
Note: Tables are arranged by cone bore size, -A-.



VA2Y

The VA2Y is a double metal case, single excluder lip seal with a grease flushing feature. It has a ground metal O.D. with an inner metal case for a heavy press fit with greater structural rigidity.

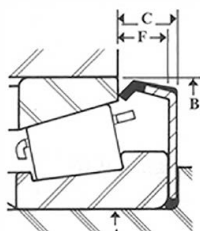
Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Seal Clearance -D-	Bearing Standout -F-
	Cone	Cup					
VA2Y-14276-14136-	14136A	14276	1.375	2.717	-	-	.4373



CST

The CST is a grease flushing seal with a rubber covered seal face which has a rubber ridge that seals against the housing radius to protect the bearing in a corrosive environment. The metal O.D. provides a heavy press fit with a nose seal for added O.D. sealing. The CSL Premium has replaced the CST design seen on page 10.

Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Seal Clearance -D-	Bearing Standout -F-
	Cone	Cup					
CST-7009	NA56393SW	56650CD	3.936	6.500	0.437	-	0.496
CST-7011	NA48685SW	48620D	5.625	7.875	0.343	-	0.404
CST-7013	NA46790SW	46720D	6.500	8.875	0.437	-	0.498
CST-7015-	NA67874SW	67820CD	7.087	10.500	0.437	-	0.500
CST-7016	LM241149SW	LM211110D	8.000	10.875	0.375	-	0.437
CST-7019	NA8575SW	8520D	9.250	12.875	0.625	-	0.683
CST-7021	LM249747NW	LM249710CD	10.000	13.687	0.562	-	0.625
CST-7023	LM251649NW	LM251610D	10.500	13.875	0.437	-	0.500
CST-7024	L357049NW	L357010CD	12.000	15.500	0.437	-	0.528
CST-7037-	NA558SW	552D	2.375	4.875	0.281	-	0.312
CST-7042	NA759SW	752D	3.500	6.375	0.312	-	0.375



CQ

The CQ is a grease retaining seal for vertical shaft applications. The steel case is clamped between the cone back face and the shaft shoulder. The seal can be rubber covered on the air side unless heavy clamping pressure precludes using rubber or where space is limited. The sealing lip contacts the cup front face. These seals are specially designed to retain grease in the bottom bearing of vertical shaft applications. Rubber on the seal I.D. provides a positive seal against the shaft. It is used in the rotary table of drilling rigs.

This seal was originally designed to retain grease in the upper bearing of the vertical shaft in a large gear box where the bearing had failed due to the lack of lubrication.

Clark Seal® Number	Timken® Bearing Number		Cone Bore -A-	Cup O.D. -B-	Seal Width -C-	Bearing Standout -F-
	Cone	Cup				
CQ-25520-	25590	25520	1.960	3.265	-	.188
CQ-8520-78J	EE8578	8520	9.500	12.875	.760	.625

- Check for availability