

example

CA-008715-3.18M-2/0-1-C50

Seal Type

- CA:** Axial pressure, system pressure energised
CSA: Axial Pressure with additional energising spring

Cross Section

Select the proper cross section or radial section (RS)

Treatment

1: Work hardened

See Tab on the last page →

Seal Diameter (DSO)

**008715 = 87,15 mm, for Bore Diameter (BD) = 87,00
for Shaft Diameter (SD) = 80,70**

The seal diameter is always the **outside** diameter without plating.

Select the desired cross section in relation with the bore diameter

Starting from the shaft size 80,70 the DSO (diameter seal outside) equals Shaft size 80,70 + 6,45 DSO = 87,15

Starting from the bore diameter 87,00 the DSO (diameter seal outside) equals Bore size 87,00 + 0,15 DSO = 87,15

Plating thickness on radial seals should be limited to 50 microns. Seal diameters remain unchanged for plated seals.

Plating

Plating Code "C"

= Copper Plating

Plating Thickness "50"

= 30 to 50 Microns

See Tab on the last page →

Material

The first digit designates the jacket material, the second digit is always a "0". For CSA type seals the second digit designates the spring material.

Available Materials & Codes			
Jacket		Spring	
Code	Material	Code	Material
1	Alloy X-750 *	1	Alloy X-750 *
2	Alloy 718	2	Alloy 718
5	304 SS	9	302 SS
-	-	A	Elgiloy
-	-	E	Nimonic

(*) X-750 will become obsolete
Other materials on special request