

example

# OE-006609-2.39M-3/0-1-N50

## Seal Type

- OE:** External pressure, no venting
- OVE:** External pressure, O Ring vented, system pressure energised
- OSE:** External pressure, O Ring spring energised as of section 3,96
- OGE:** External pressure, O Ring gas filled

## Cross Section

Select the proper cross section or axial section (AS) in the table, then select the material code "L, M or H" based on the desired wall thickness.

## Treatment

**1:** Work hardened

See Tab on the last page →

## Seal Diameter (DSI)

**006609** = 66,09 mm, for groove ID = 65,66

The seal diameter is always the inside diameter without plating.

The diameter is calculated as follows:

Nominal outside groove diameter, DG, plus clearance or DC (in the table on the left page) plus 2 times the maximum plating or coating thickness.

or

$$DSI = DG + DC + (\text{Plating thickness} \times 2)$$

See also figure on the left page, below

$$DSI = 65,66 + 0,33 + 2 \times 0,05 = 66,09 \text{ mm}$$

## Plating

Plating Code "N"

= Nickel Plating

Plating Thickness "50"

= 30 to 50 Microns

See Tab on the last page →

## Material

The first digit designates the O Ring material, the second the spring material, in case an OSE type is selected.

Available Materials & Codes			
Jacket		Spring	
Code	Material	Code	Material
1	Alloy X-750	0	None
3	321 SS	1	Alloy X-750 *
4	Alloy 600	2	Alloy 718
		9	302 SS

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