

example

YE-016622-4.78M-1/0-1-C30

Seal Type

YE: External pressure

Cross Section

Select the proper cross section or axial section (AS) with the corresponding wall thickness.

Treatment

1: Work hardened

See Tab on the last page →

Seal Diameter (DSI)

016622 = 166,22 mm, for groove ID = 165,87

The seal diameter is always the inside diameter without plating.

The diameter is calculated as follows:

Nominal inside 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

$DSI = 165,87 + 0,29 + 2 \times 0,03 = 166,22 \text{ mm}$

Plating

Plating Code "C"

= Copper Plating

Plating Thickness "30"

= 10 to 30 Microns

See Tab on the last page →

Material

The first digit designates the Oysterseal® material, the second is always a "0" in case of an Oysterseal®.

Available Materials & Codes			
Jacket		Spring	
Code	Material	Code	Material
1	Alloy X-750 *	0	-
2	Alloy 718	0	-
B	Haynes 214	0	-

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