

## numbering system explained

The Tobar part numbering system is uniquely designed to completely describe the seal size, configuration, and material composition. This numbering system will allow the user, at a glance, to determine the seal's shaft and bore size, width, lip style, O.D. treatment, and elastomeric material.



**Shaft Size** - The first four digits in the part number describe the nominal shaft size to three decimal places. If the shaft size is greater than 10 inches, five digits will be used for this portion of the part number.

**Bore Size** - The second four digits of the part number are used to describe the nominal bore size in which the seal is used. Again, if the bore size is greater than 10 inches, five digits will be used in this position.

**Width Size** - a dash, and either three or four digits describing the width of the seal to three decimal places follow the bore size.

**Lip Style Type** - The style type selected follows the types of oil seals listed on pages 6 - 11.

**O.D. Type** - This code describes the outside diameter of the seal.

O.D. Treatment	Type
Rubber Coated	R
Ground Metal	G
Painted Sealant	P (Blue, Green, Red)
Tobar Tough Sealant	H
Metal with Bonding Agent	C
Curled Edge	RD
Stainless Steel Spring Stainless	SS
Steel Spring and Case	SSS
Grease between Lips	GR
Special Coating, Rubber-Metal	X

**Elastomeric material** - This code defines the elastomer used in the seal element.

Elastomer	Type
Nitrile 70	2
Nitrile 80	3
Nitrile 90	4
High Temp NBR	5
HNBR	H
Fluorocarbon	V
Polyacrylate	PA
Silicone	S
Special Material: XNBR, Low Friction, Color,...	Special Type