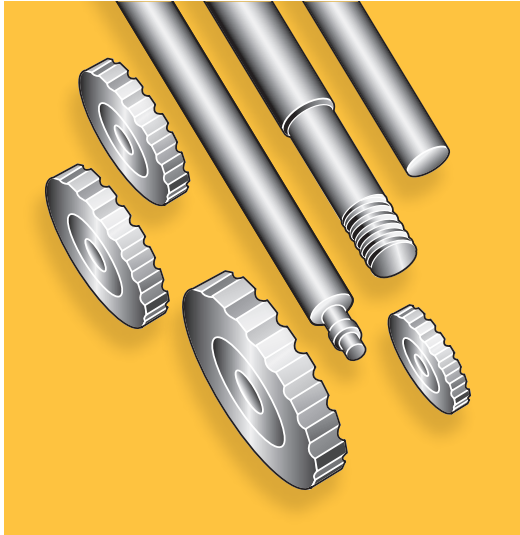


# Durelloy "Special 37"

## 38-42 Rc TGP



Color Code:  
RED WITH YELLOW STRIPE



### Ultra-High Hardness TGP

Durelloy "Special 37" TGP is produced from Durelloy hot roll heat treat 38-42 Rc bars, then precision turned, ground, and flawlessly polished to exacting sizes. "Special 37" TGP is designed for extreme wear-resistance applications.

Durelloy "Special 37" TGP increases the tensile strength to 186,000/196,000 and the yield to 178,000/176,500.

All shipments are specially oiled, wrapped or tubed, and delivered in perfect condition. All bars are inspected prior to shipping for straightness and tolerances.

#### Applications

- Arbors
- Gear shafts
- Journals
- Line shafts
- Drive shafts
- Motor shafts
- Crank shafts
- Armature
- Cement mill shafts
- Mining equipment
- Generator shafts
- Pinions
- Piston rods
- Push rods
- Spindles
- Tie rods

#### Standard Tolerances

- Standard finish of 8 micro-inches
- 3/8-6" (9.5-152 mm) dia: +.000" to -.002"

#### Features & Advantages

- Precision turned, ground and polished
- Not cold drawn, free from drawing stresses
- Straightness guaranteed prior to shipment
- Good weldability
- Free machining
- Ultra fine grain microstructure
- Excellent wear resistance
- Stress relieved

#### Durelloy-TGP "Special 37" Sizes

3/8	1	2-1/8
7/16	1-1/16	2-1/4
1/2	1-1/8	2-1/2
9/16	1-1/4	2-5/8
5/8	1-3/8	3
3/4	1-1/2	3-1/2
13/16	1-5/8	6
7/8	1-3/4	
15/16	2	

Lengths: 6' R/L in 3/8-9/16" diameter; 12' R/L in 5/8"-6".