



GRAINGER APPROVED Carbon Steel Rod 12 in L 3 1/8 in Dia., 786U47

Item **28NVR4290** Mfr. Model **45r312512**

Product Details

Item Reference: 786U47	Width (in): 4
Brand: GRAINGER APPROVED	Height (in): 4
Weight (lb): 28	Harmonization Code: 7228100060
Length (in): 13	Country of Origin: MULTIPLE

Product Description

1045 Carbon Steel Rod Material Carbon Steel Material Grade 1045 Overall Length 12 in Heat Treatable Yes Heat Treatment No Heat Treatment Mechanical Finish Mill Outside Diameter 3 1/8 in Outside Diameter Tolerance +0.0000 in/-0.0050 in Yield Strength 77 000 psi Fabrication Cold Finished Rockwell Hardness Not Rated Brinell Hardness 90 Tensile Strength 110 000 psi Machinability 64 Percent Length Tolerance +/-1.000 in Includes Material Certificate Yes Standards ASTM A108 ASTM A29