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GRAINGER APPROVED Carbon Steel Rod 12 in L 3 1/2 in Dia., 786U41

Item **28NVR4284** Mfr. Model **45r3512**

Product Details

Item Reference: **786U41**	Width (in): **4**
Brand: **GRAINGER APPROVED**	Height (in): **4**
Weight (lb): **35**	Harmonization Code: **7228100060**
Length (in): **13**	

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 1/2 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