

**DATA SHEET****Carbon Steel Threaded Rod (Grade 8.8) - 6g Thread**

We confirm our range of Carbon Steel, Grade 8.8 Threaded Rod is manufactured as follows:-

Material:	Grade 8.8 Carbon Steel
Dimensional Characteristics (Length):	DIN975-1986
Dimensional Characteristics (Diameter & Pitch):	DIN13
Mechanical Properties:	ISO 898 Part 1 (BS 4190)
Chemical Composition:	Refer to specific batch results
HDG conforms to:	BS 7371 Part 6: 1998 (BS EN 1461)
BZP conforms to:	BS EN 12329: 2000
S/Col conforms to:	N/A
Tolerances on length:	1m lengths -0mm to +10mm / 3m lengths -0mm to +30mm

Specification Requirements

	SIZE & LENGTH	NOMINAL LENGTH	MAJOR DIAMETER	PITCH DIAMETER	VICKERS HARDNESS	TENSILE STRENGTH	ELONGATION
<b>Grade 8.8</b>	<b>M6 x 3m</b>	2,989.50 to 3,010.50	5.79 to 5.97	5.21 to 5.32	230 to 300 HV	Min. 800 N/mm <sup>2</sup>	Min. 640 N/mm <sup>2</sup>
	<b>M8 x 3m</b>	2,989.50 to 3,010.50	7.76 to 7.97	7.04 to 7.16	230 to 300 HV	Min. 800 N/mm <sup>2</sup>	Min. 640 N/mm <sup>2</sup>
	<b>M10 x 3m</b>	2,989.50 to 3,010.50	9.73 to 9.97	8.86 to 8.99	230 to 300 HV	Min. 800 N/mm <sup>2</sup>	Min. 640 N/mm <sup>2</sup>
	<b>M12 x 3m</b>	2,989.50 to 3,010.50	11.70 to 11.97	10.67 to 10.83	230 to 300 HV	Min. 800 N/mm <sup>2</sup>	Min. 640 N/mm <sup>2</sup>
	<b>M16 x 3m</b>	2,989.50 to 3,010.50	15.68 to 15.96	14.50 to 14.66	230 to 300 HV	Min. 800 N/mm <sup>2</sup>	Min. 640 N/mm <sup>2</sup>
	<b>M20 x 3m</b>	2,989.50 to 3,010.50	19.62 to 19.96	18.16 to 18.33	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>
	<b>M24 x 3m</b>	2,989.50 to 3,010.50	23.57 to 23.95	21.80 to 22.00	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>
	<b>M27 x 3m</b>	2,989.50 to 3,010.50	26.57 to 26.95	24.80 to 25.00	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>
	<b>M30 x 3m</b>	2,989.50 to 3,010.50	29.52 to 29.95	27.47 to 27.67	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>
	<b>M33 x 3m</b>	2,989.50 to 3,010.50	32.52 to 32.95	30.46 to 30.67	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>
	<b>M36 x 3m</b>	2,989.50 to 3,010.50	35.47 to 35.94	33.12 to 33.34	255 to 336 HV	Min. 830 N/mm <sup>2</sup>	Min. 660 N/mm <sup>2</sup>

This data sheet is valid until there is significant change in the product and characteristics.

Signed By:

Name:

**Andy Bridge**

Position:

**Commercial Manager**

Date:

**18 January 2018**