



# PRODUCT DATA

## Threaded Rod Class 4.6 Hot Dip Galvanised (HDG)

The threaded rod conforms to DIN 975 and the installation as a tie-down rod should be carried out according to AS 1684.3

Applications	
•	Cross bracing in steel structures
•	Concrete anchoring
•	Cyclone tie-down rods

<b>Material</b>	<b>4.6</b> ISO Property Class 4.6 UTS
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<b>Finish</b>	<b>HDG</b> Hot Dip Galvanised
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**Additional lengths available for specialised applications:**

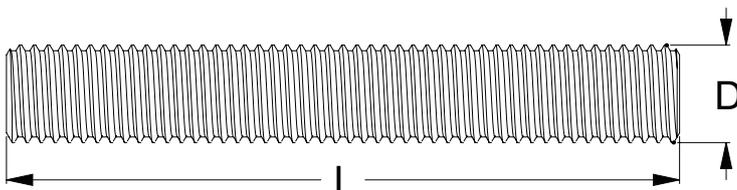
- **M12, M16** x 2440mm, 2570mm, 2700mm, and 3600mm
- **M30, M36** x 1200mm, 1400mm



Part Prefix	Nominal Size	Pitch	Stress Area	Min. Proof Load	Safe Working Load*	Available Finish	
	(mm)					(mm)	(mm <sup>2</sup> )
ASMSGCM	8	1.25	36.6	8.24	168	✓	✓
ASMSGCM	10	1.50	58.0	13.00	265	✓	✓
ASMSGCM	12	1.75	84.3	19.00	387	✓	✓
ASMSGCM	16	2.00	157.0	35.30	720	✓	✓
ASMSGCM	20	2.50	245.0	55.10	1123	✓	✓
ASMSGCM	24	3.00	353.0	79.40	1619	✓	✓
ASMSGCM	30	3.50	561.0	126.00	2569	✓	✓
ASMSGCM	36	4.00	817.0	184.00	3751	✓	✓
ASMSGCM	42	4.50	1121.0	252.20	5142	✓	✓
ASMSGCM	48	5.00	1473.0	331.40	6756	✓	✓



Suspension of ducting for heating/ventilation/air conditioning



\* A safety factor of 5 has been used to calculate safe working loads. The safe working loads are provided for design capacity in a static tensile condition. An additional safety factor should be applied to allow for dynamic loading

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