



Tensile Strength

IMPERIAL lbf/in ² (PSI)	METRIC Mpa (N/mm ²)
L9 - 180,000	1,200 - Class 12.9

SAE Grade 8 - 150,000	1,034 - Class 10.9
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SAE Grade 5 - 120,000	827 - Class 8.8
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520 - Class 5.8

400 - Class 4.6

INCH	
Coarse	Fine
1/4-20	1/4-28
5/16-18	5/16-24
3/8-16	3/8-24
7/16-14	7/16-20
1/2-13	1/2-20
9/16-12	9/16-18
5/8-11	5/8-18
3/4-10	3/4-16
7/8-9	7/8-14
1-8	1-14
1 1/8-7	1 1/8-12
1 1/4-7	1 1/4-12
1 3/8-6	1 3/8-12
1 1/2-6	1 1/2-12
1 5/8-6	1 5/8-8
1 3/4-5	1 3/4-12
2-4.5	2-12

MATERIALS & MECHANICAL PROPERTIES

Grade 5



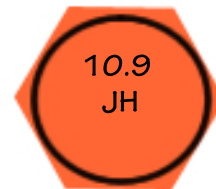
Grade 8



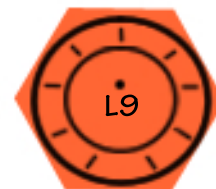
Grade 8.8



Grade 10.9



Grade L9



Contact Us:
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METRIC			
Coarse	Fine	Coarse	Fine
M6-1.00	M6-0.75	M27-3.00	M27-2.00
M8-1.25	M8-1.00	M30-3.50	M30-2.00
M10-1.50	M10-1.25	M36-4.00	M36-2.00
M12-1.75	M12-1.50	M42-4.50	M42-2.00
M14-2.00	M14-1.50	M48-5.00	M48-2.00
M16-2.00	M16-1.50		
M20-2.50	M20-1.50		
M22-2.50	M22-1.50		
M24-3.00	M24-2.00		

INCH	METRIC
1/4	M6
5/16	M8
3/8	M10
1/2	M12
5/8	M16
3/4	M20
7/8	M22
1	M24
1 1/8	M27
1 1/4	M30
1 3/8	M33
1 1/2	M36
1 3/4	M42
2	M48