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ASTM A453 Grade 660 Stud Bolts

Class A/B/C/D

ASTM A453 Grade 660 Stud Bolts Class A, B, C & D offered at TorqBolt are manufactured in accordance with DIN 975, 976, 938, 939, 2510, 525, 2509, BS 2693, 3692, 4439, BS 4168, ASME B16.5, B18.31.2, B18.31.1M standards in metric and imperial coarse and fine thread sizes with UNC, UN, UNF, UNEF, UNJF & ISO threads.

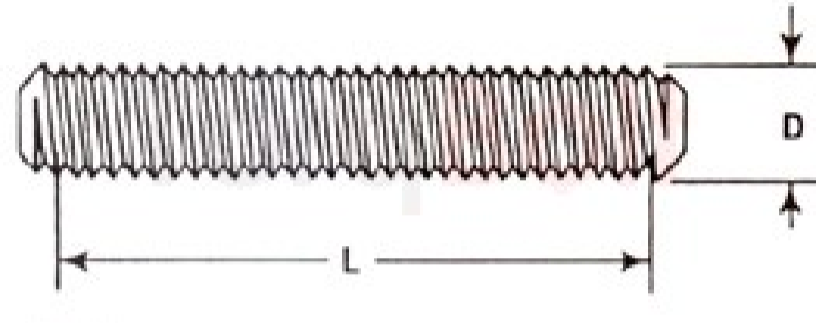
ASTM A453 Grade 660 Stud Bolt Class

CLASS A STUD BOLT

CLASS B STUD BOLT

CLASS C STUD BOLT

CLASS D STUD BOLT



Imperial Range : 5/16" - 5"

Metric Range : M6 - M125

Section D - Stud Bolts For Pressure - Temperature Piping

Length

Inch

The length of the stud bolts, measured parallel to axis, is the distance from first thread to first thread. First thread is defined as the intersection of the major diameter of the thread with the base of the point.

Metric

The length of the stud bolts, measured parallel to axis, is the distance from each stud bolt, including the point.

Length inch	Length inch	Tolerance mm
to 12	± 0,052	± 1,3208
over 12 to 18	± 0,125	± 3,175
over 18	± 0,250	± 6,35

Nominal size or diameter		
INCH SERIES	1" and smaller UNIFIED COARSE THREAD SERIES CLASS 2A ASME B1.1	1 1/8" and larger UNIFIED 8 THREAD SERIES CLASS 2A ASME B1.1
METRIC SERIES	M33 and smaller METRIC COARSE THREAD SERIES CLASS 6g ISO 68 / ISO 965	M36 and larger METRIC FINE AND COARSE PITCH THREADS CLASS 6g ISO 68 / ISO 965

ASTM A453 Grade 660 Stud Bolt Dimensional Standards

Studs	DIN	BS	ASME		IS
			Metric	Imperial	
Full Thread Studs	-	-	B16.5	B16.5	-
Flange Bolting Stud	-	-	B16.5	B16.5	-
Continuous Thread Stud Bolts	-	-	B18.31.1M	B18.31.2	-
Plain End Stud Bolts	975 / 976	-	-	-	-
Double End Stud Bolts	938 / 939 / 940 / 949 / 835 / 2510 / 2509	2693 / 3692 / 4439	-	-	1862
Welding Studs	525	-	-	-	-
Clamping Type Studs	-	-	B18.31.1M	-	13178
Tap End Studs	-	-	B18.31.1M	-	-

Download PDF Standard

Specifications

ASTM A453
ASTM A638
EN 10269
EN 10083-3
ISO 3506-5
DIN 267

Surface Treatments

Xylan 1070 / 1014 / 1400 / 1424
Xylar 2 / 101
SermaGard 1105 / 1280
Dacromet 320 / 500
TakeCoat 1000 Ceramic
Magnigard
MolyKote

Certifications

ISO 9001 - 2015 Certified
PED 2014/68/EC
API 6A ; API 20E; API 20F
NACE MR0175/ISO 15156-2
NORSOK M-650
DFAR
MERKBLATT AD 2000 W2/W7/W10

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SATISFACTION SURVEY



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