

A453 G660 - A286 - 1.4980

We produce screws, tie rods and nuts in ASTM A453 GR 660, alloy 286, 1.4980. It is a heat hardening steel for precipitation, indicated in case of high mechanical resistance and corrosion resistant up to 700 ° CE 'suitable for use in jet engines, turbines, gears, nuts, bolts, spring washers and other devices that work good mechanical resistance at high temperatures.

The corrosion resistance ASTM A453 GR 660 - ASTM A286 GR 660 is excellent up to 700 ° C. and good up to 800 ° C.

We supply high quality standard material in the following grades:

A453 G660 Class A

A453 G660 Class B

A453 G660 Class C

A453 G660 Class D

Requirements and approvals::

Z28600+UT

1.2779/660 AGED

ASTM A453 2010 660 class D

ASTM A370 2010

ASTM A638 2010 660 Type 2

ASTM A453 2010 660 Class B

NACE MR0175 2003 S66286 SA,AG

COMPARATION MATERIAL GRADE ASTM A453 GR 660 - ASTM A286 GR 660

EN10088/3	X 6 NiCrTiMoVB 25-15-2
W.	1.4980
JIS	-
AISI	660

CHEMICAL COMPOSITION ASTM A453 GR 660 - ASTM A286 GR 660

C max	Ti	B	Si max	Mn	Cr	Ni	Mo	V	Al max	S max	P max
0.08	1.90 – 2.35	0.001 – 0.010	1.00	2.00	13.5 – 16.0	24.0 – 27.0	1.00 – 1,50	0.10 – 0.50	0.35	0.040	0.030

MECHANICAL PROPERTY ASTM A453 GR 660 - ASTM A286 GR 660

Grade	Rp 0.2 MPa min	Rm MPa min	E % min	R.A. % min	HRC min	HRC max
660A	585	895	15	18	24	37
660B	585	895	15	18	24	37
660C	585	895	15	18	24	37
660D	725	895	15	18	24	37

