



SUPERIOR
CORROSION
RESISTANCE



HIGH
STRENGTH &
DURABILITY



LONG LASTING
RELIABILITY

HASTELLOY® C-276

UNS N10276 / WERKSTOFF NR. 2.4819

NICKEL-MOLYBDENUM-CHROMIUM ALLOY FASTENERS

Hastelloy C-276 is a nickel-molybdenum-chromium alloy with exceptional resistance to a wide range of severe corrosive environments. It offers outstanding protection against pitting, crevice corrosion, stress corrosion cracking and oxidizing & reducing media.

CHEMICAL COMPOSITION (TYPICAL %)

Ni	Mo	Cr	Fe	W	Co	Mn	C	Si	P	S	V
57.0 min	15.0- 17.0	14.5- 16.5	4.0 max	3.0- 4.5	2.5 max	1.0 max	0.01 max	0.08 max	0.04 max	0.03 max	0.35 max

MECHANICAL PROPERTIES (TYPICAL)

Tensile Strength (MPa min)	Yield Strength (MPa min)	Elongation (% min)	Hardness (HB max)
690	283	40	100



STUD

HC276@Aanuraj



HEX BOLT

HC276@Aanuraj



HEX NUT

HC276@Aanuraj



WASHER

HC276@Aanuraj

KEY FEATURES



EXCEPTIONAL CORROSION RESISTANCE

Resistant to pitting, crevice corrosion and stress corrosion cracking in chloride environments.



RESISTANCE TO A WIDE RANGE OF CHEMICALS

Excellent resistance to oxidizing and reducing acids, including hot concentrated solutions.



HIGH TEMPERATURE RESISTANCE

Retains strength and corrosion resistance in high temperature environments.



EXCELLENT WELDABILITY

Can be readily welded using common welding techniques.



LONG SERVICE LIFE

Reduces downtime and maintenance cost in aggressive service conditions.

APPLICATIONS



Chemical Processing Equipment



Pharmaceutical Industry



Pulp & Paper Industry



Oil & Gas (Upstream & Downstream)



Pollution Control Equipment



Marine & Offshore Applications



Heat Exchangers & Condensers



Desalination Plants



Power Generation



Acid Handling & Storage Systems

WHY CHOOSE AANURAJ?

- ✓ Manufactured from Certified Raw Materials
- ✓ 100% PMI Tested & Verified
- ✓ Precision Manufacturing & Dimensional Accuracy
- ✓ Advanced Manufacturing Facilities
- ✓ Custom Fasteners as per Drawings & Specifications
- ✓ Strict Quality Control at Every Stage
- ✓ Timely Delivery & Reliable Supply
- ✓ Competitive Pricing
- ✓ Trusted by Industries Worldwide

AVAILABLE FORMS & STANDARDS

Studs | Bolts | Nuts | Washers | Custom Fasteners

Standards: ASTM B574 | ASTM B619 | ASTM B622 | ASME SB574
ASME SB619 | ASME SB622 | DIN | ISO | Customized



ISO 9001:2015
CERTIFIED
COMPANY



PMI TESTED
MATERIAL
VERIFICATION



CUSTOM
FASTENERS
AVAILABLE



ON-TIME
DELIVERY

STRENGTH
YOU CAN
TRUST



ENGINEERED FOR EXTREME. BUILT TO LAST.

Hastelloy C-276 fasteners from Aanuraj Fasteners Pvt. Ltd. are engineered to deliver unmatched performance in the most demanding environments.



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