

304SS NUT

STAINLESS STEEL

(TYPE 304)

MECHANICAL PROPERTIES

YIELD STRENGTH, PSI	TENSILE STRENGTH, PSI	MAGNETIC PERMEABILITY	REDUCTION IN AREA %	ELONGATION %	HARDNESS ROCKWELL, MIN
55,000-75,000	100,000-125,000	2.0 MAX	40	30	B100

CHEMICAL PROPERTIES

ELEMENT	CHEMICAL COMPOSITION,% MAX (UNLESS MIN/MAX LIMITS GIVEN)
CARBON	0.08
MANGANESE	2.00
PHOSPHORUS	0.045
SULFUR	0.030
SILICON	1.00
CHROMIUM	18.00-20.00
NICKEL	8.00-10.50

304SS NUTS ARE INTENDED FOR USE IN CORROSIVE ENVIRONMENTS. 304SS NUTS ARE SUPPLIED IN A HEX PATTERN PER ASME B18.2.2 STANDARD FOR SQUARE AND HEX NUTS. THE BOLT NORMALLY USED WITH A 304SS NUT IS A 304SS HEX BOLT.

NOTE: PROPERTIES AND APPLICATION PARAMETERS ARE TYPICAL AND ARE PRESENTED IN GOOD FAITH BUT NO WARRANTY IS EXPRESSED OR IMPLIED.