

STAINLESS STEEL

UNC/UNF HEX NUTS

STAINLESS ALLOY GROUP	CONDITION	ALLOY MECHANICAL PROPERTY MARKING	NOMINAL DIAMETER	PROOF STRESS (ksi)	ROCKWELL HARDNESS
			RANGE	MIN	RANGE
1	AF	F594A	1/4 - 1 1/2	70	B85 (max)
1	A	F594B	1/4 - 1 1/2	75	B65-B95
1	CW1	F594C	1/4 - 5/8	100	B95-C35
1	CW2	F594D	3/4 - 1 1/2	85	B80-C35
1	SH1	F594A	1/4 - 5/8	120	C24-C36
1	SH2	F594B	3/4 - 1	110	C20-C32
1	SH3	F594C	1 1/8 - 1 1/4	100	B95-C30
1	SH4	F594D	1 3/8 - 1 1/2	85	B90-C28
2	AF	F594E	1/4 - 1 1/2	70	B85 (max)
2	A	AF594F	1/4 - 1 1/2	75	B65-B95
2	CW1	F594G	1/4 - 5/8	100	B95-C35
2	CW2	F594H	3/4 - 1 1/2	85	B80-C35
2	SH1	F594E	1/4 - 5/8	120	C24-C36
2	SH2	F594F	3/4 - 1	110	C20-C32
2	SH3	F594G	1 1/8 - 1 1/4	100	B95-C30
2	SH4	F594H	1 3/8 - 1 1/2	85	B90-C28
3	AF	F594J	1/4 - 1 1/2	70	B85 (max)
3	A	F594K	1/4 - 1 1/2	75	B65-B95
3	CW1	F594L	1/4 - 5/8	100	B95-C35
3	CW2	F594M	3/4 - 1 1/2	85	B80-C35
3	SH1	F594J	1/4 - 5/8	120	C24-C36
3	SH2	F594K	3/4 - 1	110	C20-C32
3	SH3	F594L	1 1/8 - 1 1/4	100	B95-C30
3	SH4	F594M	1 3/8 - 1 1/2	85	B90-C28

Reference ASTM F594 2024