

# Nut Compatibility

Grade of Bolt	Surface Finish	Nominal Size Inches	A563 Grade and ANSI Nut Style			
			Recommended		Suitable	
			Hex	Heavy Hex	Hex	Heavy Hex
A307 Grade A & C	Any	1/4 to 1 1/2	A		B,D,DH	A,B,C,D,DH,DH3
		>1 1/2 to 2		A	A	C,D,DH,DH3
		>2 to 4		A		C,D,DH,DH3
A307 Grade B	Any	1/4 to 1 1/2		A	B,D,DH	A,B,C,D,DH,DH3
		>1 1/2 to 2		A	A	
		>2 to 4		A		
A325 Type 1	Plain	1/2 - 1 1/2		C		C3,D,DH,DH3
	Galvanized	1/2 - 1 1/2		DH		
A325 Type 3	Plain	1/2 - 1 1/2		C3		DH3
A354 Grade BC	Plain	1/4 to 1 1/2		C	D,DH	C3,D,DH,DH3
		>1 1/2 to 4		C		C3,D,DH,DH3
	Galvanized	1/4 to 1 1/2		DH		
		>1 1/2 to 4		DH		
A354 Grade BD	Plain	1/4 to 1 1/2		DH	DH	D,DH,DH3
		>1 1/2 to 4		DH		DH3
A449	Plain	1/4 to 1 1/2	B		D,DH	B,C,C3,D,DH,DH3
		>1 1/2 to 3		A		C,C3,D,DH,DH3
	Galvanized	1/4 to 1 1/2		DH	D,DH	D
		>1 1/2 to 3		DH		D
A490 Type 1	Plain	1/2 - 1 1/2		DH		DH3
A490 Type 3	Plain	1/2 - 1 1/2		DH3		
A687	Plain	5/8 - 3		D		DH,DH3
	Galvanized	5/8 - 3		DH		
F1554 Grade 36	Any	1/2 to 1 1/2	A		B,D,DH	A,B,C,D,DH,DH3
		>1 1/2 to 4		A		C,D,DH,DH3
F1554 Grade 55	Plain	1/2 to 1 1/2	A		B,D,DH	A,B,C,D,DH,DH3
		>1 1/2 to 4		A		C,D,DH,DH3
	Galvanized	1/2 to 4		A		C,D,DH,DH3
F1554 Grade 105	Plain	1/2 to 1 1/2	D			DH,DH3
		>1 1/2 to 3		DH		DH3
	Galvanized	1/2 to 3		DH		DH3

1. The availability of A563 grade DH nuts in nominal sizes 3/4" and larger is very limited and generally available only on special orders of 50,000 or more. For smaller quantities, ASTM A194 grade 2H should be considered.

