

todo.
Tornillo
Donde seguro lo encuentras

TORNILLOS



Tornillo Hexagonal
Grado 2
Cuerda Estándar
Sin Acabado

Resistencia		Norma				Dureza			Material			
74,000 PSI 60,000 PSI		ASME B18.2.1 / SAE J-429 AISI- 1010-1050				80-100 HB 70-100 HB			Bajo Carbón			
Largo	Diámetro											
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"
1/2"	✓	✓										
5/8"	✓	✓										
3/4"	✓	✓	✓	✓	✓	✓						
1"	✓	✓	✓	✓	✓	✓	✓					
1 1/4"	✓	✓	✓	✓	✓	✓	✓					
1 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 3/4"	✓	✓	✓	✓	✓	✓	✓					
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal

Grado 2
Cuerda Estándar
Galvanizado

Resistencia	Norma		Dureza		Material								
74,000 PSI 60,000 PSI	ASME B18.2.1 SAE J-429		80-100 HB 70-100 HB		Bajo Carbón								
Largo	Diámetro												
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"	
1/2"	✓	✓											
5/8"	✓	✓											
3/4"	✓	✓	✓	✓	✓	✓							
1"	✓	✓	✓	✓	✓	✓	✓						
1 1/4"	✓	✓	✓	✓	✓	✓	✓						
1 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓				
1 3/4"	✓	✓	✓	✓	✓	✓	✓						
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal
Grado 2
Cuerda Estándar
Galvanizado por Inmersión en Caliente

Resistencia	Norma		Dureza		Material							
60,000 PSI 74,000 PSI	ASME B18.2.1 / SAE J-429 AISI- 1010-1050		70-100 HB 80-100 HB		Bajo Carbón							
Largo	Diámetro											
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"
1/2"	✓	✓										
5/8"	✓	✓										
3/4"	✓	✓	✓	✓	✓	✓						
1"	✓	✓	✓	✓	✓	✓	✓					
1 1/4"	✓	✓	✓	✓	✓	✓	✓					
1 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 3/4"	✓	✓	✓	✓	✓	✓	✓					
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal

Grado 5
Cuerda Estándar
Pavonado



Resistencia		Norma						Dureza				Material	
120,000 PSI 105,000 PSI		ASME B18.2.1 SAE J-429						25-34 HB 19-30 HB				Medio Carbón	
Largo	Diámetro												
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"
1/2"	✓	✓											
5/8"	✓	✓											
3/4"	✓	✓	✓		✓								
1"	✓	✓	✓	✓	✓	✓	✓						
1 1/4"	✓	✓	✓	✓	✓	✓	✓						
1 1/2"	✓	✓	✓	✓	✓	✓	✓						
1 3/4"	✓	✓	✓	✓	✓	✓	✓						
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓				
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"			✓		✓		✓	✓	✓	✓	✓	✓	✓
7"			✓		✓		✓	✓	✓	✓	✓	✓	✓
8"			✓		✓		✓	✓	✓	✓	✓	✓	✓
9"			✓		✓		✓	✓	✓	✓	✓	✓	✓
10"			✓		✓		✓	✓	✓	✓	✓	✓	✓
11"					✓		✓	✓	✓	✓	✓	✓	✓
12"					✓		✓	✓	✓	✓	✓	✓	✓
13"					✓		✓	✓	✓	✓	✓	✓	✓
14"					✓		✓	✓	✓	✓	-	✓	✓



Tornillo Hexagonal
Grado 5
Cuerda Fina
Pavonado

Resistencia		Norma		Dureza		Material							
120,000 PSI 105,000 PSI		ASME B18.2.1 SAE J-429		24-34 HB 19-30 HB		Medio Carbón							
Largo	Diámetro												
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"
1/2"	✓	✓											
5/8"	✓	✓											
3/4"	✓	✓											
1"	✓	✓	✓	✓	✓	✓	✓						
1 1/4"	✓	✓	✓	✓	✓	✓	✓						
1 1/2"	✓	✓	✓	✓	✓	✓	✓						
1 3/4"	✓	✓	✓	✓	✓	✓	✓						
2"	✓	✓	✓	✓	✓	✓	✓						
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"			✓		✓		✓	✓	✓	✓	✓	✓	✓
7"			✓		✓		✓	✓	✓	✓	✓	✓	✓
8"			✓		✓		✓	✓	✓	✓	✓	✓	✓
9"			✓		✓		✓	✓	✓	✓	✓	✓	✓
10"			✓		✓		✓	✓	✓	✓	✓	✓	✓
11"					✓		✓	✓	✓	✓	✓	✓	✓
12"					✓		✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal

Grado 8
Cuerda Estándar

Resistencia	Norma		Dureza		Material												
150,000 PSI	ASME B18.2.1 SAE J-429 - 1999		33-39 HRC		Medio Carbono Aleado												
Largo	Diámetro																
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"	
1/2"	✓	✓															
3/4"	✓	✓	✓	✓	✓												
7/8"	✓	✓	✓	✓	✓												
1"	✓	✓	✓	✓	✓	✓											
1 1/4"	✓	✓	✓	✓	✓	✓											
1 1/2"	✓	✓	✓	✓	✓	✓	✓										
1 3/4"	✓	✓	✓	✓	✓	✓	✓										
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
2 1/4"	✓	✓	✓	✓	✓	✓											
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
2 3/4"	✓	✓	✓	✓	✓	✓											
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8 1/2"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9 1/2"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10"							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal
Grado 8
Cuerda Fina

Resistencia	Norma	Dureza	Material
150,000 PSI	ASME B18.2.1 SAE J-429 - 1999	33-39 HRC	Medio Carbono Aleado

Largo	Diámetro													
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"
1/2"	✓	✓												
3/4"	✓	✓	✓	✓	✓									
7/8"	✓	✓	✓	✓	✓									
1"	✓	✓	✓	✓	✓	✓								
1 1/4"	✓	✓	✓	✓	✓	✓								
1 1/2"	✓	✓	✓	✓	✓	✓	✓	✓						
1 3/4"	✓	✓	✓	✓	✓	✓	✓	✓						
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
2 1/4"	✓	✓	✓	✓	✓	✓								
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2 3/4"	✓	✓	✓	✓	✓	✓								
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 1/2"			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
7"			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
7 1/2"			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
8"			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
8 1/2"							✓	✓	✓	✓	✓	✓	✓	✓
9"							✓	✓	✓	✓	✓	✓	✓	✓
9 1/2"							✓	✓	✓	✓	✓	✓	✓	✓
10"							✓	✓	✓	✓	✓	✓	✓	✓



Tornillo Hexagonal

Métrico Clase 8.8

Resistencia		Norma						Dureza				Material		
120,000 PSI		ISO 998 Sección 1						20-32 HB				Medio Carbón Aleado		
Largo	Diámetro													
	M3 0.5	M4 0.7	M5 0.8	M6 1	M7 1	M8 1.25	M10 1.5	M12 1.75	M14 2	M16 2	M18 2.5	M20 2.5	M24 3	M30 3.5
6mm	✓	✓												
8mm	✓	✓	✓											
10mm	✓	✓	✓	✓	✓	✓								
12mm	✓	✓	✓	✓	✓	✓	✓							
16mm	✓	✓	✓	✓	✓	✓	✓							
20mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
25mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
30mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
35mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
40mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
45mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
50mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
55mm			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
60mm				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
65mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
70mm				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
90mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
100mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
110mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
120mm				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
130mm				✓		✓	✓	✓	✓	✓		✓	✓	✓
140mm				✓		✓	✓	✓	✓	✓		✓	✓	✓
150mm				✓		✓	✓	✓	✓	✓		✓	✓	✓
160mm								✓		✓		✓	✓	✓
180mm										✓		✓	✓	✓
200mm										✓		✓	✓	✓



Tornillo Hexagonal

Métrico Clase 8.8
Cuerda Fina

Resistencia		Norma		Dureza		Material	
120,000 PSI		ISO 998 Sección 1		20-32 HB		Medio Carbno Aleado	
Largo	Diámetro						
	M8 1.00	M10 1.25	M12 1.25	M12 1.50	M14 1.50	M16 1.50	
20mm	✓	✓					
25mm	✓	✓	✓	✓			
30mm	✓	✓	✓	✓	✓	✓	
35mm	✓	✓	✓	✓	✓	✓	
40mm	✓	✓	✓	✓	✓	✓	
45mm	✓	✓	✓	✓	✓	✓	
50mm	✓	✓	✓	✓	✓	✓	
55mm	✓	✓	✓	✓	✓	✓	
60mm	✓	✓	✓	✓	✓	✓	
65mm	✓	✓	✓	✓	✓		
70mm					✓	✓	
80mm	✓	✓	✓	✓	✓	✓	
85mm					✓		
90mm	✓	✓	✓	✓	✓	✓	
95mm					✓		
100mm	✓	✓	✓	✓	✓	✓	
110mm		✓	✓	✓	✓		
120mm		✓	✓	✓	✓		
130mm			✓	✓			
140mm			✓	✓			
150mm			✓	✓			
160mm				✓			
180mm				✓			



Tornillo Hexagonal Inoxidable 304 Cuerda Estándar

Resistencia	Norma		Dureza		Material						
85,000 PSI 150,000 PSI	DIN 933 / ASTM F593 ISO 998		85 HRB		Acero Inoxidable						
Largo	Diámetro										
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
1/2"	✓	✓	✓	✓							
3/4"	✓	✓	✓	✓		✓					
1"	✓	✓	✓	✓	✓	✓	✓				
1 1/4"	✓	✓	✓	✓	✓	✓	✓	✓			
1 1/2"		✓	✓	✓	✓	✓	✓	✓			
1 3/4"		✓	✓	✓		✓	✓	✓	✓		
2"	✓	✓	✓	✓	✓	✓	✓	✓		✓	
2 1/4"		✓	✓	✓	✓	✓	✓	✓		✓	
2 1/2"			✓	✓	✓		✓			✓	
3"		✓	✓	✓	✓	✓	✓	✓		✓	
3 1/2"		✓	✓	✓	✓	✓	✓	✓		✓	
4"		✓	✓	✓	✓	✓	✓	✓	✓	✓	
4 1/2"		✓	✓	✓	✓	✓	✓	✓	✓	✓	
5"		✓	✓	✓	✓	✓	✓	✓	✓		
5 1/2"		✓	✓	✓	✓	✓	✓	✓	✓		✓
6"		✓	✓	✓		✓	✓	✓	✓	✓	
7"				✓		✓	✓	✓	✓		
8"						✓	✓	✓	✓	✓	
9"						✓	✓	✓	✓		
10"						✓	✓	✓	✓		



Tornillo Hexagonal
ASTM A325
Cuerda Estándar
PAVONADO

Resistencia	Norma		Dureza		Material			
120KSI min de ½ a 1" 105KSI min de 1 1/8 a 1 ½"	ASME B18.2.6		25-34HRC de ½ a 1" 19-30HRC de 1 1/8 a 2 ½"		Medio Carbón			
Largo	Diámetro							
	½"	5/8"	¾"	7/8"	1"	1 1/8"	1 ¼"	1 ½"
1"	✓							
1 ¼"	✓							
1 ½"	✓	✓	✓					
1 ¾"	✓	✓	✓					
2"	✓	✓	✓	✓	✓			
2 ¼"	✓	✓	✓	✓	✓			
2 ½"	✓	✓	✓	✓	✓	✓	✓	
2 ¾"	✓	✓	✓	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓	✓	✓	✓
3 ¼"	✓	✓	✓	✓	✓	✓	✓	✓
3 ½"	✓	✓	✓	✓	✓	✓	✓	✓
3 ¾"	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓
4 ¼"	✓	✓	✓	✓	✓	✓	✓	✓
4 ½"	✓	✓	✓	✓	✓	✓	✓	✓
4 ¾"	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓
5 ¼"		✓	✓	✓	✓	✓	✓	✓
5 ½"		✓	✓	✓	✓	✓	✓	✓
5 ¾"		✓	✓	✓	✓	✓	✓	✓
6"		✓	✓	✓	✓	✓	✓	✓
6 ½"					✓	✓		✓
6 ¾"					✓	✓		✓
7"					✓	✓		✓



Tornillo Hexagonal

ASTM A325
Cuerda Estándar
GALV POR INMERSIÓN

Resistencia	Norma		Dureza		Material			
120KSI min de ½ a 1" 105KSI min de 1 1/8 a 1 ½"	ASME B18.2.6		25-34HRC de ½ a 1" 19-30HRC de 1 1/8 a 2 ½"		Medio Carbón			
Largo	Diámetro							
	½"	5/8"	¾"	7/8"	1"	1 1/8"	1 1/4"	1 ½"
1"	✓							
1 1/4"	✓							
1 ½"	✓	✓	✓					
1 3/4"	✓	✓	✓					
2"	✓	✓	✓	✓	✓			
2 1/4"	✓	✓	✓	✓	✓			
2 ½"	✓	✓	✓	✓	✓	✓	✓	
2 3/4"	✓	✓	✓	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓	✓	✓	✓
3 1/4"	✓	✓	✓	✓	✓	✓	✓	✓
3 ½"	✓	✓	✓	✓	✓	✓	✓	✓
3 3/4"	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓
4 1/4"	✓	✓	✓	✓	✓	✓	✓	✓
4 ½"	✓	✓	✓	✓	✓	✓	✓	✓
4 3/4"	✓	✓	✓	✓	✓	✓	✓	✓
5"	✓	✓	✓	✓	✓	✓	✓	✓
5 1/4"		✓	✓	✓	✓	✓	✓	✓
5 ½"		✓	✓	✓	✓	✓	✓	✓
5 3/4"		✓	✓	✓	✓	✓	✓	✓
6"		✓	✓	✓	✓	✓	✓	✓
6 ½"					✓	✓		✓
6 3/4"					✓	✓		✓
7"					✓	✓		✓



**Tornillo Tensión Controlada
ASTM A325**

Resistencia	Norma	Dureza	Material		
120,000 KSI MIN	ASME B18.2.6	De 24 a 34 HRC	Acero Medio Carbón		
Largo	Diámetro				
	5/8"	3/4"	7/8"	1"	1 1/8"
1"					
1 1/4"					
1 1/2"	✓	✓			
1 3/4"	✓	✓			
2"	✓	✓	✓		
2 1/4"	✓	✓	✓	✓	
2 1/2"	✓	✓	✓	✓	
2 3/4"	✓	✓	✓	✓	
3"	✓	✓	✓	✓	✓
3 1/4"		✓	✓	✓	✓
3 1/2"		✓	✓	✓	✓
3 3/4"		✓	✓	✓	✓
4"		✓	✓	✓	✓
4 1/4"			✓	✓	✓
4 1/2"			✓	✓	✓
4 3/4"				✓	
5"				✓	
5 1/4"				✓	
5 1/2"				✓	



Tornillo Hexagonal

ASTM A-490 Tipo 1
Cuerda Estándar

Resistencia	Norma		Dureza		Material				
150,000 PSI	ASME B18.2.1		33 - 38 HRB		Medio Carbón				
Largo	Diámetro								
	½"	5/8"	¾"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 ½"
1"	✓								
1 1/4"	✓								
1 ½"	✓	✓							
1 3/4"	✓	✓	✓		✓				
2"	✓	✓	✓	✓	✓				
2 1/4"	✓	✓	✓	✓	✓	✓			
2 ½"	✓	✓	✓	✓	✓	✓			
2 3/4"	✓	✓	✓	✓	✓	✓	✓		
3"		✓	✓	✓	✓	✓	✓	✓	✓
3 1/4"		✓	✓	✓	✓	✓	✓	✓	✓
3 ½"		✓	✓	✓	✓	✓	✓	✓	✓
3 3/4"		✓		✓	✓	✓	✓	✓	✓
4"			✓	✓	✓	✓	✓	✓	✓
4 1/4"			✓		✓	✓	✓	✓	✓
4 ½"					✓	✓	✓	✓	✓
4 3/4"				✓		✓	✓	✓	✓
5"				✓	✓	✓	✓	✓	✓
5 1/4"						✓	✓	✓	✓
5 ½"					✓	✓	✓	✓	✓
5 3/4"						✓	✓	✓	✓
6"					✓	✓	✓	✓	✓
6 ½"								✓	✓
6 3/4"									✓
7"						✓			✓



Tornillo Hexagonal

Inoxidable 316
Cuerda Estándar

Resistencia	Norma		Dureza		Material			
85,000 PSI 140,000 PSI	DIN 933 / ASTM F593 ISO 998		85 HRB		Acero Inoxidable			
Largo	Diámetro							
	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/2"	✓	✓	✓					
3/4"	✓	✓	✓	✓				
1"	✓	✓	✓	✓	✓			
1 1/4"	✓	✓	✓	✓	✓			
1 1/2"	✓	✓	✓	✓	✓	✓		
2"	✓	✓	✓	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"				✓	✓	✓		
5"				✓	✓	✓	✓	✓
5 1/2"				✓	✓	✓		
6"				✓	✓	✓	✓	✓



Tornillo Hexagonal

Acero Inoxidable Métrico
AISI - 304

Resistencia	Norma		Dureza		Material					
120,000 PSI	ISO 998 Sección 1		85 HB		Medio Carbno Aleado					
Largo	Diámetro									
	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75	M14 2	M16 2	M20 2.5
6 mm	✓									
8 mm	✓	✓								
10 mm	✓	✓	✓	✓						
12mm	✓	✓	✓	✓	✓					
16mm	✓	✓	✓	✓	✓	✓				
20mm	✓	✓	✓	✓	✓	✓	✓			
25mm		✓	✓	✓	✓	✓	✓			
30mm		✓	✓	✓	✓	✓	✓		✓	
35mm		✓	✓	✓	✓	✓	✓	✓	✓	✓
40mm		✓	✓	✓	✓	✓	✓		✓	
45mm			✓	✓	✓	✓	✓	✓	✓	✓
50mm			✓	✓	✓	✓	✓		✓	
60mm				✓	✓	✓	✓	✓	✓	✓
70mm				✓	✓	✓	✓	✓	✓	✓
80mm				✓	✓	✓	✓	✓	✓	✓
90mm					✓	✓	✓		✓	✓
100mm					✓	✓	✓		✓	✓
110mm					✓	✓	✓			
120mm					✓	✓	✓			



Tornillo Hexagonal

Latonado
Cuerda Estándar

Largo	Diámetro				
	1/4"	5/16"	3/8"	1/2"	5/8"
1/2"	✓	✓	✓		
3/4"	✓	✓	✓	✓	
1"	✓	✓	✓	✓	✓
1 1/4"	✓	✓	✓	✓	✓
1 1/2"	✓	✓	✓	✓	✓
2"	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓



Tornillo Hexagonal

Bronce
Cuerda Estándar

Largo	Diámetro				
	1/4"	5/16"	3/8"	1/2"	5/8"
1/2"	✓	✓	✓		
3/4"	✓	✓	✓	✓	
1"	✓	✓	✓	✓	✓
1 1/4"	✓	✓	✓	✓	✓
1 1/2"	✓	✓	✓	✓	✓
2"	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓



Tornillo Cabeza Coche

Cuerda Estándar Negro

Largo	Diámetro					
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
1/2"	✓					
3/4"	✓	✓	✓	✓		✓
1"	✓	✓	✓	✓	✓	✓
1 1/4"	✓	✓	✓	✓	✓	✓
1 1/2"	✓	✓	✓	✓	✓	✓
1 3/4"		✓	✓	✓		✓
2"	✓	✓	✓	✓	✓	✓
2 1/2"		✓	✓	✓	✓	✓
3"		✓	✓	✓	✓	✓
3 1/2"		✓	✓	✓	✓	✓
4"		✓	✓	✓	✓	✓
4 1/2"		✓	✓	✓	✓	✓
5"		✓	✓	✓	✓	✓
5 1/2"		✓	✓	✓	✓	✓
6"		✓		✓	✓	✓
8"			✓	✓		✓
9"			✓			✓



Tornillo Cabeza Coche

Cuerda Estándar Negro

Largo	Diámetro					
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
1/4"						
1/2"	✓	✓				
3/4"	✓	✓	✓	✓		✓
1"	✓	✓	✓	✓	✓	✓
1 1/4"		✓	✓	✓	✓	✓
1 1/2"	✓	✓	✓	✓	✓	✓
1 3/4"		✓		✓		✓
2"	✓	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓	✓
3 1/2"	✓	✓	✓	✓	✓	✓
4"	✓	✓	✓	✓	✓	✓
4 1/2"		✓	✓	✓	✓	✓
5"		✓	✓	✓	✓	✓
5 1/2"		✓	✓	✓	✓	✓
6"		✓	✓	✓	✓	✓
6 1/2"					✓	✓
7"			✓	✓		✓
8"			✓	✓		✓
9"			✓	✓		✓



Tornillo Cabeza de Coche
Cuerda Estándar
Inoxidable 304

Resistencia	Norma	Dureza	Material		
85,000 PSI 150,000 PSI	ASME B18.5 ASTM F593	85 HRB	ACERO INOXIDABLE		
Largo	Diámetro				
	3/16"	1/4"	5/16"	3/8"	1/2"
1/2"	✔	✔			
5/8"		✔			
3/4"	✔	✔	✔	✔	
1"	✔	✔	✔	✔	✔
1 1/4"		✔	✔	✔	✔
1 1/2"	✔	✔	✔	✔	✔
2"	✔	✔	✔	✔	✔
2 1/2"		✔	✔	✔	✔
3"		✔	✔	✔	✔
3 1/2"			✔	✔	✔
4"			✔	✔	✔



Tornillo Allen
Cabeza Cilíndrica Hexagonal Interior
Cuerda Estándar
Inoxidable 304

Resistencia	Norma		Dureza		Material				
85,000 PSI 150,000 PSI	DIN 933 / ASTM F-593 ISO 998 PARTE 1		85 HRB		ACERO INOXIDABLE				
Largo	Diámetro								
	5-40.	8-32.	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
1/4"	✓								
3/8"	✓	✓	✓						
1/2"	✓	✓	✓	✓	✓	✓			
5/8"	✓	✓	✓	✓	✓	✓			
3/4"	✓	✓	✓	✓	✓	✓	✓		
1"		✓	✓	✓	✓	✓	✓	✓	
1 1/4"			✓	✓	✓	✓	✓	✓	
1 1/2"			✓	✓	✓	✓	✓	✓	✓
1 3/4"				✓	✓	✓	✓	✓	✓
2"			✓	✓	✓	✓	✓	✓	✓
2 1/2"				✓	✓	✓	✓	✓	✓
3"				✓	✓	✓	✓	✓	✓
3 1/2"						✓	✓	✓	
4"						✓	✓	✓	



Tornillo Allen

Cabeza Cilíndrica Hexagonal Interior Métrico

Resistencia	Norma		Dureza		Material						
170,000 PSI	DIN 912 ISO 998 PARTE 1		34-44 HB		ACERO ALEADO						
Largo	Diámetro										
	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75	M14 2	M16 2	M20 2.5	M24 3
6mm	✓	✓									
8mm	✓	✓	✓								
10mm	✓	✓	✓	✓	✓						
12mm	✓	✓	✓	✓	✓	✓					
16mm	✓	✓	✓	✓	✓	✓					
20mm	✓	✓	✓	✓	✓	✓	✓				
25mm	✓	✓	✓	✓	✓	✓	✓	✓	✓		
30mm	✓	✓	✓	✓	✓	✓	✓	✓	✓		
35mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
40mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55mm			✓	✓	✓	✓	✓	✓	✓	✓	✓
60mm			✓	✓	✓	✓	✓	✓	✓	✓	✓
65mm			✓	✓	✓	✓	✓	✓	✓	✓	✓
70mm			✓	✓	✓	✓	✓	✓	✓	✓	✓
80mm				✓	✓	✓	✓	✓	✓	✓	✓
90mm				✓	✓	✓	✓	✓	✓	✓	✓
100mm				✓	✓	✓	✓	✓	✓	✓	✓
110mm				✓	✓	✓	✓	✓	✓	✓	✓
120mm				✓	✓	✓	✓	✓	✓	✓	✓
130mm					✓	✓	✓	✓	✓	✓	✓
140mm					✓	✓	✓	✓	✓	✓	✓
150mm					✓	✓	✓	✓	✓	✓	✓
160mm								✓	✓	✓	✓
180mm									✓	✓	✓



Tornillo Allen

Cabeza Cilíndrica Hexagonal Interior
Métrico Cuerda Fina
Inoxidable 304

Largo	Diámetro							
	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75	M16 2
6mm	✓							
8mm	✓	✓						
10mm	✓	✓	✓	✓				
12mm	✓	✓	✓	✓	✓			
16mm	✓	✓	✓	✓	✓			
20mm	✓	✓	✓	✓	✓	✓	✓	
25mm		✓	✓	✓	✓	✓	✓	
30mm		✓	✓	✓	✓	✓	✓	✓
35mm		✓	✓	✓	✓	✓	✓	✓
40mm		✓	✓	✓	✓	✓	✓	✓
45mm			✓	✓	✓	✓	✓	✓
50mm			✓	✓	✓	✓	✓	✓
60mm				✓	✓	✓	✓	✓
70mm				✓	✓	✓	✓	✓
80mm					✓	✓	✓	✓
90mm					✓	✓	✓	✓
100mm					✓	✓	✓	✓



Tornillo Allen
Cabeza Cilíndrica Hexagonal Interior
Cuerda Estandar
Pavonado

Resistencia		Norma		Dureza		Material												
180,000 PSI		ASME B18.3 ASTM A- 574		39-45 HRC		ACERO ALEADO												
Largo	Diámetro																	
	4-40.	5-40.	6/32"	8/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	
1/2"	✓	✓	✓	✓	✓	✓	✓	✓										
5/8"	✓			✓	✓	✓	✓	✓										
3/4"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
7/8"					✓	✓	✓	✓										
1"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓						
1 1/4"		✓		✓	✓	✓	✓	✓	✓	✓		✓	✓					
1 1/2"		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
1 3/4"					✓	✓	✓	✓	✓	✓		✓	✓					
2"		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2 1/4"					✓	✓	✓	✓		✓		✓	✓	✓	✓	✓		
2 1/2"				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2 3/4"						✓	✓	✓		✓		✓	✓	✓	✓	✓		
3"				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"						✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
4"						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 1/2"						✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
5"						✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
5 1/2"						✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
6"						✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
6 1/2"								✓		✓		✓	✓	✓	✓	✓	✓	✓
7"								✓		✓		✓	✓	✓	✓	✓	✓	✓
8"										✓		✓	✓	✓	✓	✓	✓	✓
9"										✓		✓	✓		✓	✓	✓	✓
10"												✓	✓		✓	✓	✓	✓
12"													✓			✓	✓	✓



Tornillo Allen
Cabeza Cilíndrica Hexágono Interior
Cuerda Fina
Pavonado

Resistencia	Norma		Dureza		Material				
180,000 PSI 170,000 PSI	ANSI B1.3 ASTM A-574		39-45 HRC		ACERO ALEADO				
Largo	Diámetro								
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	3/16"
3/8"	✓								
1/2"	✓	✓	✓						
5/8"	✓	✓	✓						
3/4"	✓	✓	✓	✓					
1"	✓	✓	✓	✓	✓	✓	✓		
1 1/4"		✓	✓	✓	✓	✓	✓		
1 1/2"			✓	✓	✓	✓	✓	✓	✓
1 3/4"							✓		
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"			✓	✓				✓	
4"			✓	✓			✓	✓	
4 1/2"							✓	✓	
5"							✓	✓	
5 1/2"							✓		
6"							✓		



Tornillo Allen

Cabeza Cilíndrica Hexágonos Interior
Métrico
Pavonado

Largo	Diámetro												
	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	24 mm	30 mm
6mm	✓	✓	✓		✓								
8mm	✓	✓	✓		✓								
10mm	✓	✓	✓	✓	✓								
12mm	✓	✓	✓	✓	✓	✓							
16mm	✓	✓	✓	✓	✓	✓							
20mm	✓	✓	✓	✓	✓	✓	✓						
25mm	✓	✓	✓	✓	✓	✓	✓	✓	✓				
30mm	✓	✓	✓	✓	✓	✓	✓	✓	✓				
35mm	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
40mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
45mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
50mm		✓	✓	✓	✓	✓	✓	✓	✓		✓		
55mm			✓	✓	✓	✓	✓	✓		✓	✓		
60mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
65mm			✓	✓	✓	✓	✓	✓	✓		✓	✓	
70mm		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
75mm				✓	✓	✓	✓			✓			
80mm		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
90mm			✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
100mm			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
110mm				✓	✓	✓	✓		✓	✓	✓	✓	✓
120mm				✓	✓	✓	✓		✓	✓	✓	✓	✓
130mm					✓	✓	✓		✓	✓		✓	✓
140mm					✓	✓	✓		✓	✓	✓		✓
150mm					✓	✓	✓	✓	✓	✓			✓
160mm					✓	✓	✓	✓	✓		✓	✓	✓
180mm						✓	✓	✓	✓			✓	
200mm							✓				✓		
220mm												✓	



Tornillo Allen
Cabeza Cilíndrica Hexágono Interior
Cuerda Estándar
Pavonado

Norma		Dureza		Material						
ANSI B1.3 ASTM A-574		39-45 HRC		ACERO ALEADO						
Largo	Diámetro									
	1/8"	6-32.	8-32.	3/16"	1/4"	5/6"	3/8"	1/2"	5/8"	3/4"
1/4"	✓	✓								
3/8"	✓	✓	✓	✓						
1/2"	✓	✓	✓	✓	✓	✓	✓			
5/8"	✓	✓	✓	✓	✓	✓				
3/4"	✓	✓	✓	✓	✓	✓	✓			
1"	✓		✓	✓	✓	✓	✓	✓		
1 1/4"				✓	✓	✓	✓	✓	✓	
1 1/2"				✓	✓	✓	✓	✓	✓	✓
1 3/4"				✓	✓	✓	✓	✓	✓	
2"				✓	✓	✓	✓	✓	✓	✓
2 1/2"				✓	✓	✓	✓	✓	✓	✓
3"				✓	✓	✓	✓	✓	✓	✓
3 1/2"						✓	✓	✓		
4"						✓	✓	✓		



Tornillo Allen
Hexágono Interior
Cuerda Estándar
Inoxidable 304

Largo	Diámetro					
	3/16"	1/4"	5/16"	3/8"	3/8"	1/2"
3/8"	✓	✓				
1/2"	✓	✓	✓	✓	✓	
3/4"	✓	✓	✓	✓	✓	✓
1"	✓	✓	✓	✓	✓	✓
1 1/4"		✓	✓	✓	✓	✓
1 1/2"		✓	✓	✓	✓	✓
2"			✓	✓	✓	✓
2 1/2"					✓	✓
3"					✓	✓



Tornillo Allen
Cabeza Plana
Hexágono Interior
Métrico
Inoxidable 304

Largo	Diámetro					
	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75
8mm	✓					
10mm	✓	✓	✓			
12mm	✓	✓	✓			
16mm	✓	✓	✓	✓	✓	
20mm	✓	✓	✓	✓	✓	✓
25mm	✓	✓	✓	✓	✓	✓
30mm	✓	✓	✓	✓	✓	✓
35mm			✓	✓	✓	✓
40mm			✓	✓	✓	✓
45mm			✓	✓	✓	✓
50mm			✓	✓	✓	✓



Tornillo Allen
Cabeza Plana Hexágono Interior
Métrico
Pavonado

Largo	Diámetro						
	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75
6mm	✓						
8mm	✓	✓	✓				
10mm	✓	✓	✓	✓			
12mm	✓	✓	✓	✓			
16mm	✓	✓	✓	✓	✓	✓	
20mm	✓	✓	✓	✓	✓	✓	✓
25mm	✓	✓	✓	✓	✓	✓	✓
30mm	✓	✓	✓	✓	✓	✓	✓
35mm		✓	✓	✓	✓	✓	✓
40mm		✓	✓	✓	✓	✓	✓
45mm			✓	✓	✓	✓	✓
50mm			✓	✓	✓	✓	✓
55mm					✓	✓	✓
60mm				✓	✓	✓	✓
65mm					✓	✓	✓
70mm				✓	✓	✓	✓
80mm					✓	✓	✓
90mm						✓	✓
100mm						✓	✓



Prisionero Allen Estándar

Diámetro	Largo												
	4-40.	5-40.	6/32"	8/32"	3/16"	1/4"	5/16"	3/8"	7/15"	1/2"	5/8"	3/4"	1"
3/16"	✓		✓	✓	✓	✓							
1/8"		✓	✓	✓									
1/4"		✓	✓	✓	✓	✓	✓						
5/16"			✓	✓	✓	✓	✓	✓					
3/8"				✓	✓	✓	✓	✓					
1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
5/8"					✓	✓	✓	✓					
3/4"		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7/8"		✓			✓	✓	✓	✓					
7/16"		✓						✓	✓				
1"		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
1 1/4"					✓	✓	✓	✓	✓	✓		✓	
1 1/2"					✓	✓		✓	✓	✓	✓	✓	
2"						✓	✓	✓	✓	✓	✓		
2 1/2"								✓		✓	✓	✓	
3"								✓		✓		✓	




Prisionero Allen Pavonado Fino

Diámetro	Largo										
	3/16"	1/4"	5/16"	3/8"	1/2"	3/4"	5/8"	1"	1 1/2"	1 1/4"	2"
3/16"	✓	✓	✓	✓	✓	✓	✓	✓			
1/8"		✓	✓	✓	✓	✓		✓	✓	✓	
1/4"		✓	✓	✓	✓	✓		✓	✓	✓	
5/16"				✓	✓	✓		✓	✓	✓	
3/8"					✓	✓		✓	✓	✓	✓




				Prisionero Allen Acero Aleado Métrico				
	M3	M4	M5	M6	M8	M10	M12	M16
3	✓							
4		✓						
6	✓	✓	✓	✓				
8	✓	✓	✓	✓	✓			
10	✓	✓	✓	✓	✓	✓		
12	✓	✓	✓	✓	✓	✓	✓	
16	✓	✓	✓	✓	✓	✓	✓	✓
20		✓	✓	✓	✓	✓	✓	✓
25			✓	✓	✓	✓	✓	✓
30			✓	✓	✓	✓	✓	✓
35			✓	✓	✓	✓	✓	✓
40			✓	✓	✓	✓	✓	✓
45					✓	✓	✓	✓
50					✓	✓	✓	✓
55						✓	✓	✓
60						✓	✓	✓

				Opresor Set cabeza Cuadrada					
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
1/2"	✓	✓	✓						
3/4"	✓	✓	✓	✓	✓				
1"	✓	✓	✓	✓	✓	✓			
1 1/4"	✓	✓	✓	✓	✓	✓			
1 1/2"	✓	✓	✓	✓	✓	✓	✓		
2"	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓
3"	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 1/2"			✓	✓	✓	✓	✓	✓	✓
4"			✓	✓	✓	✓	✓	✓	✓
4 1/2"					✓	✓	✓	✓	✓
5"					✓	✓	✓	✓	✓
6"					✓	✓	✓	✓	✓



		Prisionero Allen Acero Inoxidable				
		M3	M4	M5	M6	M8
3						
4						
6						
8						
10						
12						
16						
20						
25						
30						



		Tornillo Allen Guía Acero Aleado				
		1/4"	5/16"	3/8"	1/2"	5/8"
1/4"	✓					
3/8"	✓					
1/2"	✓					
5/8"	✓				✓	
3/4"	✓				✓	
1"	✓				✓	
1 1/4"	✓				✓	
1 1/2"	✓				✓	✓
1 3/4"	✓				✓	✓
2"	✓				✓	✓
2 1/4"	✓				✓	✓
2 1/2"					✓	✓
3"					✓	✓
3 1/4"					✓	✓
3 1/2"					✓	✓
3 3/4"					✓	✓
4"					✓	✓
4 1/4"					✓	
4 1/2"					✓	✓
4 3/4"					✓	
5"					✓	✓
5 1/2"						✓
6"						✓



Tornillo Botón Allen Acero Inoxidable

	4-40	5-40	8-32	3/16"	1/4"	5/16"	3/8"
1/4"							
3/8"							
1/2"							
5/8"							
3/4"							
1"							
1 1/4"							
1 1/2"							
2"							
2 1/2"							
3"							



Tornillo Botón Allen Métrico Acero Inoxidable

	M4	M5	M6	M8	M10
6					
8					
10					
12					
16					
20					
25					
30					
35					
40					
45					
50					



Tornillo Allen Botón
Acero Aleado

	4-40	5-40	6-32	8-32	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"
1/4"	✓	✓	✓	✓	✓					
3/8"	✓	✓	✓	✓	✓	✓	✓			
1/2"	✓	✓	✓	✓	✓	✓	✓	✓		
5/8"					✓	✓				
3/4"		✓	✓	✓	✓	✓	✓	✓	✓	
1"		✓	✓	✓	✓	✓	✓	✓	✓	✓
1 1/4"				✓	✓	✓	✓	✓	✓	✓
1 1/2"				✓	✓	✓	✓	✓	✓	✓
2"					✓	✓	✓	✓	✓	✓
2 1/2"					✓	✓	✓	✓	✓	
3"							✓	✓	✓	



Tornillo Allen Botón Métrico
Acero Aleado

	M4	M5	M6	M8	M10
6	✓				
8	✓	✓			
10	✓	✓	✓	✓	
12	✓	✓	✓	✓	
16	✓	✓	✓	✓	
20	✓	✓	✓	✓	✓
25	✓	✓	✓	✓	✓
30		✓	✓	✓	✓
35			✓	✓	✓
40			✓	✓	✓
45					✓
50					✓



Tornillo Estufa
Cabeza Gota
Cuerda Estándar Galvanizado

Largo	Diámetro			
	1/8"	5/32"	3/16"	1/4"
3/8"	✓	✓	✓	✓
1/2"	✓	✓	✓	✓
5/8"	✓	✓	✓	✓
3/4"	✓	✓	✓	✓
1"	✓	✓	✓	✓
1 1/4"	✓	✓	✓	✓
1 1/2"	✓	✓	✓	✓
2"	✓	✓	✓	✓
2 1/2"		✓	✓	✓
3"		✓	✓	✓
3 1/2"			✓	✓
4"			✓	✓



Tornillo Estufa
Cabeza Gota
Cuerda Estándar Inoxidable 304

Largo	Diámetro					
	5-40	8-32	3/16"	1/4"	5/16"	3/8"
3/8"	✓					
1/2"	✓	✓	✓	✓	✓	✓
5/8"		✓	✓	✓		
3/4"	✓	✓	✓	✓	✓	✓
1"	✓	✓	✓	✓	✓	✓
1 1/4"		✓	✓	✓	✓	✓
1 1/2"		✓	✓	✓	✓	✓
2"		✓	✓	✓	✓	✓
2 1/2"			✓	✓	✓	✓
3"			✓	✓	✓	✓
3 1/2"			✓	✓	✓	✓
4"			✓	✓	✓	✓



Tornillo Cabeza Plana

Ranurada
Cuerda Estándar Inoxidable 304

Largo	Diámetro					
	5-40	8-32	3/16"	1/4"	5/16"	3/8"
3/8"	✓					
1/2"	✓	✓	✓	✓	✓	✓
5/8"		✓	✓	✓		
3/4"	✓	✓	✓	✓	✓	✓
1"	✓	✓	✓	✓	✓	✓
1 1/4"		✓	✓	✓	✓	✓
1 1/2"		✓	✓	✓	✓	✓
2"		✓	✓	✓	✓	✓
2 1/2"			✓	✓	✓	✓
3"			✓	✓	✓	✓



Tornillo Cabeza Plana

Ranurada
Métrico
Inoxidable 304

Largo	Diámetro						
	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75
8mm	✓	✓					
10mm	✓	✓	✓	✓			
12mm	✓	✓	✓	✓	✓		
16mm	✓	✓	✓	✓	✓		
20mm	✓	✓	✓	✓	✓	✓	✓
25mm	✓	✓	✓	✓	✓	✓	
30mm	✓	✓	✓	✓	✓	✓	✓
35mm	✓			✓	✓	✓	✓
40mm	✓			✓	✓	✓	✓
45mm						✓	
50mm						✓	✓



	
Tornillo Cabeza Plana Tipo 23 TORX Cuerda Estándar Galvanizado	
Resistencia 60,000 PSI	Dureza 70-100 HRB
Largo	Diámetro 1/4"
3/8"	✓
1/2"	✓
5/8"	✓
3/4"	✓
1"	✓

	
Tornillo Cabeza Plana Tipo 23 TORX Cuerda Estándar Pavonado	
Resistencia 60,000 PSI	Dureza 70-100 HRB
Largo	Diámetro 1/4"
3/8"	✓
1/2"	✓
5/8"	✓
3/4"	✓
1"	✓

				
Largo	Cabeza Estándar			
	Diámetro			
	5/16"	3/8"	7/16"	1/2"
3"	✓	✓		
3 1/2"	✓	✓		✓
4"	✓	✓	✓	✓
5"	✓	✓	✓	✓
6"	✓	✓	✓	✓
8"	✓	✓	✓	✓
10"		✓	✓	✓
12"		✓	✓	✓

Tornillo Centro de Muelle Cuerda Estándar			
Cabeza Alta			
Diámetro			
3/8"	7/16"	1/2"	9/16"
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
	✓	✓	✓



Tornillo Cabeza de Queso

Ranurada
Métrico

Largo	Diámetro						
	M2 0.40	M2.5 0.45	M3 0.50	M4 0.70	M5 0.80	M6 1.0	M8 1.25
4mm	✓	✓	✓				
5mm	✓	✓	✓	✓			
6mm	✓	✓	✓	✓	✓		
8mm	✓	✓	✓	✓	✓	✓	✓
10mm	✓	✓	✓	✓	✓	✓	✓
12mm	✓	✓	✓	✓	✓	✓	✓
16mm		✓	✓	✓	✓	✓	✓
20mm		✓	✓	✓	✓	✓	✓
25mm			✓	✓	✓	✓	✓
30mm			✓	✓	✓	✓	✓
35mm			✓	✓	✓	✓	✓
40mm			✓	✓	✓	✓	✓
45mm				✓	✓	✓	✓
50mm				✓	✓	✓	✓
60mm				✓	✓	✓	✓
70mm					✓	✓	✓
80mm					✓	✓	✓
90mm					✓	✓	✓
100mm					✓	✓	✓
110mm					✓	✓	✓

	Tornillo para Elevador Negro Galvanizado	
	1/4"	5/8"
1"	✓	
1 1/4"	✓	✓
1 1/2"	✓	✓

	Tornillo para Elevador Acero Inoxidable	
	1/4"	5/8"
1"	✓	
1 1/4"		✓
1 1/2"		✓