

CATÁLOGO

TORNILLOS, TUERCAS Y MÁS...

ENCUENTRAS

TODO

PARA TU NEGOCIO



TORNILLO MÁQUINA GALVANIZADO CABEZA HEXAGONAL



NORMA

SAE J429 / AISI-1010-1050
ASME B18.2.1

Material

Bajo carbono

Resistencia

1/4 a 3/4" 74,000 PSI
3/4 a 1 1/2" 60,000 PSI

Dureza

80 - 100 HB
70 - 100 HB



Ø	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"	●	●	●	●	●	●	●	●	●	●	●	●

Largo

TORNILLO HEXAGONAL GRADO 5 NC PAVONADO



NORMA SAE J429 / AISI 1035-1050
ASME B18.2.1

Material	Resistencia	Dureza
Medio carbono	1/4 a 1" 120,000 PSI	25 - 34 HRC
	1 1/8 a 1 1/2" 105,000 PSI	19 - 30 HRC



Ø	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"								●	●	●		●	●
17"													●
18"													●

TORNILLO HEXAGONAL GRADO 5 NF(FINO) PAVONADO



NORMA	SAE J429 / AISI 1035-1050 ASME B18.2.1		
Material	Resistencia	Dureza	
Medio carbono	1/4 a 1"	120,000 PSI	25 - 34 HRC
	1 1/8 a 1 1/2"	105,000 PSI	19 - 30 HRC

Ø	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 NC



NORMA

SAE J-429 / ASME B18.2.1

Material

Medio carbono
aleado

Resistencia

150,000 PSI

Dureza

33 - 39 HRC



Ø	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"
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"						●	●	●	●	●	●	●	●	●	●
11"							●	●	●	●	●	●		●	
12"							●	●	●	●	●	●		●	
14"								●	●	●					

TORNILLO HEXAGONAL GRADO 8 NF (FINO)



NORMA

SAE J-429 / ASME B18.2.1

Material

Medio carbono
aleado

Resistencia

150,000 PSI

Dureza

33 - 39 HRC



Ø	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"
Largo	1/2"	●	●	●									
	3/4"	●	●	●	●								
	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"							●	●	●	●	●	●	
11"								●					
12"									●				

TORNILLO HEXAGONAL MÉTRICO CLASE 8.8



NORMA

ISO-898 / ASME B18.2.3.1M

Material

Medio carbono
aleado

Resistencia

800 MPa

Dureza

22 - 34 HRC



Ø	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
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Largo	Ø														
	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	
6 mm	●	●													
8 mm	●	●	●												
10 mm	●	●	●	●		●									
12 mm	●	●	●	●	●	●									
16 mm	●	●	●	●	●	●	●								
20 mm	●	●	●	●	●	●	●	●	●	●					
25 mm	●	●	●	●	●	●	●	●	●	●					
30 mm	●	●	●	●	●	●	●	●	●	●	●	●			
35 mm	●	●	●	●	●	●	●	●	●	●	●	●			
40 mm	●	●	●	●	●	●	●	●	●	●	●	●	●		
45 mm		●	●	●	●	●	●	●	●	●	●	●	●		
50 mm		●	●	●	●	●	●	●	●	●	●	●	●	●	
55 mm			●	●	●	●	●	●	●	●	●	●	●		
60 mm			●	●	●	●	●	●	●	●	●	●	●	●	
65 mm				●	●	●	●	●	●	●	●	●	●	●	
70 mm				●	●	●	●	●	●	●	●	●	●	●	
80 mm				●	●	●	●	●	●	●	●	●	●	●	
90 mm				●	●	●	●	●	●	●	●	●	●	●	
100 mm				●	●	●	●	●	●	●	●	●	●	●	
110 mm				●	●	●	●	●	●	●	●	●	●	●	
120 mm				●	●	●	●	●	●	●	●	●	●	●	
130 mm				●	●	●	●	●	●	●	●	●	●	●	
140 mm				●	●	●	●	●	●	●	●	●	●	●	
150 mm				●	●	●	●	●	●	●	●	●	●	●	
160 mm						●	●	●	●	●	●	●	●	●	
180 mm							●	●	●	●	●	●	●	●	
200 mm								●	●	●	●	●	●	●	

TORNILLO CABEZA HEXAGONAL INOXIDABLE 304 NC



NORMA

ASTM F593 - AISI 304

Material

Acero
Inoxidable

Resistencia

85,000 PSI

Dureza

85 HRB



Ø	3/16"	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"
Largo	1/2"	●	●	●	●	●								
	5/8"	●	●	●	●									
	3/4"	●	●	●	●	●	●	●						
	1"	●	●	●	●	●	●	●	●					
	1 1/4"	●	●	●	●	●	●	●	●					
	1 1/2"	●	●	●	●	●	●	●	●	●	●			
	1 3/4"	●	●	●	●		●	●	●					
	2"	●	●	●	●	●	●	●	●	●	●			
	2 1/2"	●	●	●	●	●	●	●	●	●	●			
	2 3/4"			●	●	●	●	●	●	●	●			
	3"	●	●	●	●	●	●	●	●	●	●	●	●	●
	3 1/2"		●	●	●	●	●	●	●	●	●	●	●	●
	4"		●	●	●	●	●	●	●	●	●	●	●	●
	4 1/2"		●	●	●	●	●	●	●	●	●	●	●	●
	5"		●	●	●	●	●	●	●	●	●	●	●	●
	5 1/2"		●	●	●	●	●	●	●	●	●	●	●	●
	6"		●	●	●		●	●	●	●	●	●	●	●
	7"				●		●	●	●	●	●	●	●	●
	8"				●		●	●	●	●	●	●		●
	9"						●	●	●	●	●	●		
10"						●	●	●	●	●	●			
11"								●						

TORNILLO CABEZA HEXAGONAL ACERO INOXIDABLE MÉTRICO AISI-304



NORMA

DIN 931/933

Material

Acero
Inoxidable

Resistencia

85,000 PSI

Dureza

85 HRB



Ø	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	●	●	●	●	●					
12 mm	●	●	●	●	●					
16 mm	●	●	●	●	●	●				
20 mm	●	●	●	●	●	●	●			
25 mm	●	●	●	●	●	●	●		●	
30 mm		●	●	●	●	●	●	●	●	●
35 mm		●	●	●	●	●	●	●	●	●
40 mm		●	●	●	●	●	●	●	●	●
45 mm			●	●	●	●	●		●	●
50 mm		●	●	●	●	●	●	●	●	●
60 mm		●		●	●	●	●	●	●	●
70 mm				●	●	●	●	●	●	●
80 mm				●	●	●	●	●	●	●
90 mm				●	●	●	●	●	●	●
100 mm				●	●	●	●	●	●	●
110 mm				●	●	●	●		●	●
120 mm				●	●	●	●		●	●
130 mm							●		●	●
140 mm										●
150 mm						●	●		●	

TORNILLO CABEZA COCHE NEGRO NC



TORNILLO CABEZA COCHE GALVANIZADO NC



Ø	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"
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Largo	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"			●			●	

Ø	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"
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Largo	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 ALLEN CABEZA CILÍNDRICA HEXÁGONO INTERIOR MÉTRICO



NORMA

DIN-912 / ISO 898

Material

Acero
Aleado

Resistencia

170,000 PSI

Dureza

34-44 HRC



Ø	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	M30 3.5
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Largo	Ø												
	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	M30 3.5	
6 mm	●	●	●										
8 mm	●	●	●	●									
10 mm	●	●	●	●	●								
12 mm	●	●	●	●	●	●							
16 mm	●	●	●	●	●	●							
20 mm	●	●	●	●	●	●	●	●					
25 mm	●	●	●	●	●	●	●	●	●				
30 mm	●	●	●	●	●	●	●	●	●				
35 mm	●	●	●	●	●	●	●	●	●	●			
40 mm	●	●	●	●	●	●	●	●	●	●	●		
45 mm		●	●	●	●	●	●	●	●	●	●		
50 mm		●	●	●	●	●	●	●	●	●	●	●	
55 mm			●	●	●	●	●	●	●	●	●	●	
60 mm	●	●	●	●	●	●	●	●	●	●	●	●	
65 mm			●	●	●	●	●	●	●	●	●	●	
70 mm			●	●	●	●	●	●	●	●	●	●	
80 mm			●	●	●	●	●	●	●	●	●	●	
90 mm			●	●	●	●	●	●	●	●	●	●	
100 mm			●	●	●	●	●	●	●	●	●	●	
110 mm			●	●	●	●	●	●	●	●	●	●	
120 mm			●	●	●	●	●	●	●	●	●	●	
130 mm				●	●	●	●	●	●	●	●	●	
140 mm				●	●	●	●	●	●	●	●	●	
150 mm				●	●	●	●	●	●	●	●	●	
160 mm				●	●	●	●	●	●	●	●	●	
170 mm				●	●	●	●	●	●	●	●	●	
180 mm				●	●	●	●	●	●	●	●	●	
190 mm				●	●	●	●	●	●	●	●	●	
200 mm				●	●	●	●	●	●	●	●	●	

TORNILLO ALLEN CABEZA CILÍNDRICA HEXÁGONO INTERIOR MÉTRICO INOXIDABLE 304



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

Largo

TORNILLO ALLEN CABEZA CILÍNDRICA HEXÁGONO INTERIOR PAVONADO NC



NORMA

ASTM A-574 / ASME18.3

Material

Acero
Aleado

Resistencia

170,000 PSI

Dureza

39-45 HRC



Ø	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 1/8"	1 1/4"	1 1/2"	
1/4"	●	●		●		●													
3/8"	●	●	●	●	●	●	●	●											
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 PAVONADO NF



NORMA

ASTM A-574 / ANSI B18.3

Material

Acero
Aleado

Resistencia

170,000 PSI

Dureza

39-45 HRC



Ø	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	1"
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"						●			

Largo

TORNILLO ALLEN CABEZA PLANA HEXÁGONO INTERIOR MÉTRICO PAVONADO



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

TORNILLO ALLEN CABEZA PLANA HEXÁGONO INTERIOR INOXIDABLE 304 NC



TORNILLO ALLEN CABEZA PLANA HEXÁGONO INTERIOR MÉTRICO INOXIDABLE 304 NC



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

Largo	3/8"	●	●	●				
	1/2"	●	●	●	●	●	●	●
	3/4"	●	●	●	●	●	●	●
	1"	●	●	●	●	●	●	●
	1 1/4"			●	●	●	●	●
	1 1/2"			●	●	●	●	●
	2"			●	●	●	●	●
	2 1/2"				●	●	●	●
	3"					●	●	●
	3 1/2"						●	
	4"							●
	4 1/2"							●

Ø	M3 0.5	M4 0.7	M5 0.8	M6 1	M8 1.25	M10 1.5	M12 1.75
---	-----------	-----------	-----------	---------	------------	------------	-------------

Largo	8 mm		●	●			
	10 mm	●	●	●	●	●	
	12 mm	●	●	●	●		
	16 mm		●	●	●	●	●
	20 mm		●	●	●	●	●
	25 mm		●	●	●	●	●
	30 mm		●	●	●	●	●
	35 mm			●	●	●	●
	40 mm		●	●	●	●	●
	45 mm			●	●	●	●
	50 mm		●	●	●	●	●
	60 mm					●	●

TORNILLO ALLEN CABEZA PLANA HEXÁGONO INTERIOR PAVONADO NC



NORMA ASTM A-574 /ANSI B18.3

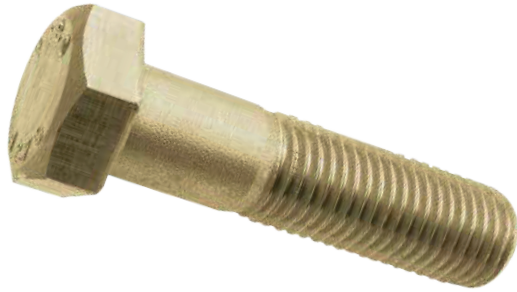
Material
Acero Aleado

Dureza
39-45 HRC

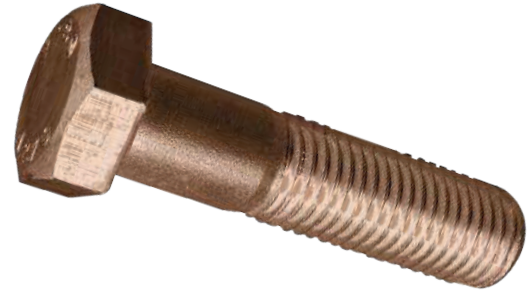


Ø	4-40	1/8"	6-32	8-32	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
1/4"	●	●	●	●							
3/8"	●	●	●	●	●						
1/2"	●	●	●	●	●	●	●	●			
5/8"	●	●		●	●	●	●				
3/4"	●	●	●	●	●	●	●	●	●		
1"	●	●	●	●	●	●	●	●	●	●	
1 1/4"					●	●	●	●	●	●	
1 1/2"					●	●	●	●	●	●	●
1 3/4"					●	●	●	●	●	●	
2"					●	●	●	●	●	●	●
2 1/2"					●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

TORNILLO CABEZA HEXAGONAL LATON NC



TORNILLO CABEZA HEXAGONAL BRONCE NC



Ø	1/4"	5/16"	3/8"	1/2"	5/8"
---	------	-------	------	------	------

Largo	1/2"	⬡	⬡	⬡		
	3/4"	⬡	⬡	⬡	⬡	
	1"	⬡	⬡	⬡	⬡	⬡
	1 1/4"	⬡	⬡	⬡	⬡	⬡
	1 1/2"	⬡	⬡	⬡	⬡	⬡
	2"	⬡	⬡	⬡	⬡	⬡
	2 1/2"	⬡	⬡	⬡	⬡	⬡
	3"	⬡	⬡	⬡	⬡	⬡
	3 1/2"	⬡	⬡	⬡	⬡	⬡
	4"	⬡	⬡	⬡	⬡	⬡

Ø	1/4"	5/16"	3/8"	1/2"	5/8"
---	------	-------	------	------	------

Largo	1/2"	⬡	⬡	⬡		
	3/4"	⬡	⬡	⬡	⬡	
	1"	⬡	⬡	⬡	⬡	⬡
	1 1/4"	⬡	⬡	⬡	⬡	⬡
	1 1/2"	⬡	⬡	⬡	⬡	⬡
	2"	⬡	⬡	⬡	⬡	⬡
	2 1/2"	⬡	⬡	⬡	⬡	⬡
	3"	⬡	⬡	⬡	⬡	⬡
	3 1/2"	⬡	⬡	⬡	⬡	⬡
	4"	⬡	⬡	⬡	⬡	⬡

TORNILLO HEXAGONAL MÉTRICO CLASE 8.8 NF



NORMA

ISO 898 / ASME B18.2.3.1M

Material

Medio carbono
aleado

Resistencia

800 Mpa

Dureza

20 - 32 HRC



Ø	M8 1.00	M10 1.25	M12 1.25	M12 1.50	M14 1.50	M16 1.50
Largo						
20mm	●	●				
25mm	●	●	●	●	●	
30mm	●	●	●	●	●	●
35mm	●	●	●	●	●	●
40mm	●	●	●	●	●	●
45mm	●	●	●	●	●	●
50mm	●	●	●	●	●	●
55mm	●	●	●	●	●	●
60mm	●	●	●	●	●	●
65mm	●	●	●	●	●	
70mm	●	●	●	●	●	●
75mm					●	●
80mm	●	●	●	●	●	●
85mm					●	
90mm	●	●	●	●	●	●
95mm					●	
100mm	●	●	●	●	●	●
110mm		●	●	●	●	●
120mm		●	●	●	●	●
130mm		●	●	●	●	●
140mm		●	●	●	●	●
150mm		●	●	●	●	●
160mm			●	●		
180mm			●	●		

TORNILLO CABEZA PLANA TIPO 23 TORX GALVANIZADO NC



Resistencia

60,000 PSI

Dureza

70-100 HRB



TORNILLO CABEZA PLANA TIPO 23 TORX PAVONADO NC



Resistencia

60,000 PSI

Dureza

70-100 HRB



Ø	Largo				
	1"	1 1/2"	2"	2 1/2"	3"
1/4"	●	●	●	●	●

Ø	Largo				
	1"	1 1/2"	2"	2 1/2"	3"
1/4"	●	●	●	●	●

TORNILLO ALLEN CABEZA CILÍNDRICA HEXÁGONO INTERIOR INOXIDABLE 304 NC



NORMA

DIN-912

Material

Acero
Inoxidable

Resistencia

85,000 PSI
150,000 PSI

Dureza

85 HRB



Ø	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"				●	●	●	●	●	●

Largo

CORTES DE ESPÁRRAGO PETROLERO



Recubrimientos

- Galvanizado
- Tropicalizado
- Cadminizado
- Inmersión en caliente
- Teflón
- Xylan

Ø	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/4"	2 1/2"
Largo	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"	●	●	●	●	●	●	●	●	●	●	●	●		
	5 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	6"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	6 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	6 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	6 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	7"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	7 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	7 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CORTES DE ESPÁRRAGO PETROLERO

∅	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/4"	2 1/2"
Largo 7 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
9"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
9 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
9 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
9 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
15"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
15 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
15 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
15 3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Ø	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/4"	2 1/2"
Largo															
16 1/2"															
16 3/4"															
17"															
17 1/4"															
17 1/2"															
17 3/4"															
18"															
18 1/4"															
18 1/2"															
18 3/4"															
19"															
19 1/4"															
19 1/2"															
19 3/4"															
20"															
20 1/4"															
20 1/2"															
20 3/4"															
21"															
21 1/4"															
21 1/2"															
21 3/4"															
21 3/4"															
22"															
22 1/4"															
22 1/2"															
22 3/4"															
23"															
23 1/4"															
23 1/2"															
23 3/4"															
24"															
24 1/4"															
24 1/2"															
24 3/4"															
25"															

PROPIEDADES MECÁNICAS PARA DIÁMETROS DE 1/2" A 4"

Grado	Resistencia a la tensión (KSI) MIN	Lim. elástico (KSI) MIN	Elongación %	Reducción de área%	Dureza máxima HB
B-7	115	95	16	50	302
B-7M	100	80	18	50	235
B-16	110	95	47	45	302
B-8	75	30	30	50	95 HRB
B-8M	75	30	30	50	95 HRB

ESPÁRRAGO ROSCADO 3.65 M B-7, B-7M, B16, B-8 Y B-8M SIN ACABADO



Ø	B-7	B-7M	B-16	B-8	B-8M
1/2"	●	●		●	●
5/8"	●	●	●	●	●
3/4"	●	●	●	●	●
7/8"	●	●	●	●	●
1"	●	●	●	●	●
1 1/8"	●	●	●	●	●
1 1/4"	●	●	●	●	●
1 3/8"	●	●	●	●	●
1 1/2"	●	●	●	●	●
1 5/8"	●	●	●		
1 3/4"	●	●	●		
1 7/8"	●	●	●		
2"	●	●	●		
2 1/4"	●	●			
2 1/2"	●	●			
3"	●	●			
3 1/2"	●	●			

VARILLA ROSCADA ESTÁNDAR GALVANIZADA



Resistencia

74,000 PSI

Dureza

70 - 95 HB

VARILLA ROSCADA ESTÁNDAR ACERO INOXIDABLE 304/316



NORMA

ASME B1.1 / ASTM F593

Tracción (PSI)

85,000

Dureza

65 - 95 HB

Ø	1.0 mt	1.20 mts	3.0 mts
Largo	3/16"	●	
	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"	●	

Ø	36"	
	Tipo 304	Tipo 316
Largo	3/16"	●
	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"	●

CATÁLOGO

TORNILLOS, TUERCAS Y MÁS...



Colonia compositores Avenida Belisario Domínguez
entre José Alfredo Jiménez y Consuelo Velázquez #123
Cd del Carmen Campeche 24154