

**TUERCAS TORNEADAS GRADO 2 SAE 1010 PULIDAS**

**HOJA 23A**

TIPO	TCA CASTILLO		TUERCA ALTAS ABRAZADERAS		CONTRATUERCA ROSCA FINA		CONTRATUERCA ROSCA GRUESA		ALTURA NORMAL IZQUIERDA	
PASO DIAMETRO	UNF NORMAL	UNF BAJA	UNC DERECHA		UNF DERECHA	UNF IZQUIERDA	UNC DERECHA	UNC IZQUIERDA	UNC IZQUIERDA	UNF IZQUIERDA
7/16"	865,174 50.11 25	761,367 51.11 50	899,798 52.11 25		588,310 55.11 50	756,157 55.11 50	588,310 54.11 50	676,557 54.11 50	756,157 47.11 50	756,157 48.11 50
1/2"	1.142,031 50.12 25	968,994 51.12 25	1.072,821 52.12 25		Ver Hoja 3F	875,572 55.12 50	Ver Hoja 3F	756,157 54.12 50	875,572 47.12 50	875,572 48.12 50
9/16"	1.730,368 50.14 25	1.453,491 51.14 25	1.591,930 52.14 10		Ver Hoja 3F	1.233,729 55.14 25	Ver Hoja 3F	994,958 54.14 25	1.233,729 47.14 25	1.233,729 48.14 25
5/8"		1.834,175 51.16 25	2.007,224 52.16 10		Ver Hoja 3F	1.512,314 55.16 25	Ver Hoja 3F	1.233,729 54.16 25	1.512,314 47.16 25	1.512,314 48.16 25
3/4"		2.491,703 51.19 10	2.837,794 52.19 10		Ver Hoja 3F	2.268,501 55.19 25	Ver Hoja 3F	1.790,930 54.19 25	2.268,501 47.19 25	2.268,501 48.19 25
7/8"		3.426,101 51.22 10	4.845,018 52.22 10		Ver Hoja 3F	3.581,830 55.22 10	Ver Hoja 3F	2.945,058 54.22 10	3.581,830 47.22 10	3.581,830 48.22 10
1"		5.052,623 51.25 5	6.817,638 52.25 5		Ver Hoja 3F	5.372,760 55.25 10	Ver Hoja 3F	4.417,588 54.25 10	5.372,760 47.25 10	5.372,760 48.25 10
1.1/8"		8.420,514 51.28 5								
1.1/4"		10.709,98 51.32 5								
1.1/2"		23.243,74 51.38 5								
2"		67.206,94 51.50 3								

**BULON DE RUEDAS**

**GRADO 8 NF**

7/16"	39mm	810,705 62.11.39 25
1/2"	41mm	1.013,381 62.12.38S 25
1/2"	44mm	1.199,309 62.12.44S 25
1/2"	50mm	1.310,849 62.12.50S 25
5/8"	53mm	2.210,175 62.16.53S 15
5/8"	63mm	2.370,785 62.16.63S 15
3/4"	60mm	3.052,066 62.19.63S 10
3/4"	70mm	3.314,353 62.19.70S 10
M20	1,50x72	3.052,066 62.20.72 10
M20	1,50x83	3.528,951 62.20.83 10

**BULON DE RUEDAS**

**GRADO 5 NF**

7/16"	38mm	599,525 62.11.38.G5 50
1/2"	40mm	919,924 62.12.40.G5 50
1/2"	48mm	1.044,651 62.12.48.G5 50
5/8"	48mm	1.407,535 62.16.48.G5 25
5/8"	57mm	1.644,170 62.16.57.G5 25
3/4"	60mm	2.722,544 62.19.60.G5 10
3/4"	70mm	3.158,393 62.19.70.G5 10

**ARAND.CONICAS RUEDA**

7/16"	239,483 64.11 100	3/4"	735,358 64.19 50
1/2"	330,082 64.12 100	M20 Abierta	155,391 64.20A 100
5/8"	537,089 64.15 50	M20 Cerrada	137,680 64.20C 100

**TUERCAS CONICAS**

**PARA RUEDAS**

7/16-20x19	Ver Hoja 3E
1/2-20x20,6	Ver Hoja 3E
9/16-18x24	1.135,617 56.14 50
5/8-18x24	1.452,528 56.16 25
5/8-18x27	Ver Hoja 3E
3/4-16x27	2.033,527 54.19.27 25
3/4-BB1120	Ver Hoja 3E
M.BENZ 18-1,50	2.059,948 56.18 15
M.BENZ 20-1,50	2.456,278 56.20 15

**Terminal para baterías**

1600	1601	1612
8.011,709 165.1600 165.1600-	6.045,319 165.1601 165.1601-	4.318,085 165.1612

	1/8"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"
Bronce	352,881 164.3 50	352,881 164.4 50	352,881 164.5 50	352,881 164.55 50	415,448 164.6 25	562,663 164.8 25	639,145 164.9 25	902,309 164.11 10	902,309 164.12 10
Acero	118,531 107.3 100	123,814 107.4 100	58,471 107.5 25		80,189 107.6 25	107,755 107.8 25	169,567 107.9 25	1.260,109 107.11 10	1.260,109 107.12 10
Acero	M4	M5	M6	M7	M8	M10			
	199,056 107.M4 100	199,056 107.M5 100	234,187 107.M6 100		316,101 107.M8 50	552,666 107.M10 25			

