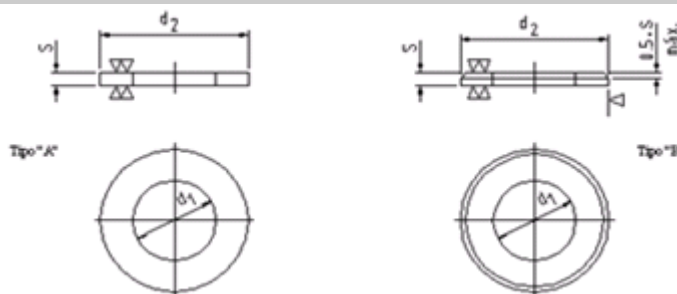


GRUPO 16/17

ARRUELA LISA

DIN 125



d ₁	Tol.	d ₂	Tol.	s	Peso (kg/1000)	Para parafusos métricos	Código Dober p/ tipo A	Código Dober p/ tipo B
1,7	+0,14	4,0	-03	0,3	0,024	1,6	160170003	170170003
1,8		4,5		0,3	0,031	1,7	160180003	170180003
2,2		5,0		0,3	0,037	2,0	160220005	170220005
2,5		6,0		0,5	0,092	2,3	160250005	170250005
2,7		6,0		0,5	0,088	2,5	160270005	170270005
2,8		7,0		-0,36	0,5	0,127	2,6	160280005
3,2	7,0	0,5	0,119		3,0	160320005	170320005	
3,7	8,0	0,5	0,155		3,5	160370005	170370005	
4,3	9,0	0,8	0,308		4,0	160430008	170430008	
5,3	10,0	1,0	0,443		5,0	160530100	170530100	
6,4	+0,22	12,5	-0,43		1,6	1,02	6,0	160640016
7,4		14,0		1,6	1,39	7,0	160740016	170740016
8,4		17,0		1,6	1,83	8,0	160840016	170840016
10,5	+0,27	21,0	-0,52	2,0	3,57	10,0	161050020	171050020
13		24,0		2,5	6,27	12,0	161300025	171300025
15		28,0		2,5	8,62	14,0	161500025	171500025
17		30,0		3,0	11,3	16,0	161700030	171700030
19	+0,33	34,0		3,0	14,7	18,0	161900030	171900030
21		37,0		3,0	17,2	20,0	162100030	172100030
23		39,0		3,0	18,3	22,0	162300030	172300030
25		44,0		4,0	32,3	24,0	162500040	172500040
27		50,0		4,0	43,7	26,0	162700040	172700040
28		50,0		4,0	42,3	27,0	162800040	172800040
29		50,0	4,0	40,9	28,0	162900040	172900040	

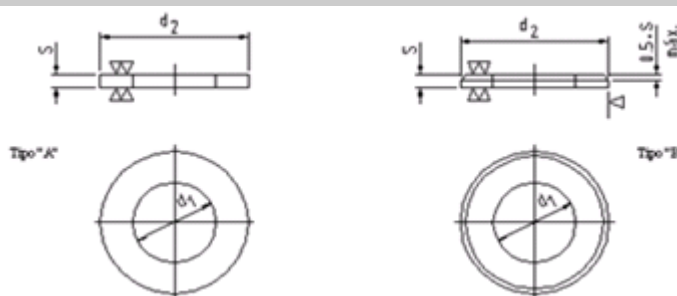
Material : Aço SAE 1010/20

Outras medidas, materiais e acabamentos sob encomenda.

GRUPO 16/17

ARRUELA LISA

DIN 125



d ₁	Tol.	d ₂	Tol.	s	Peso (kg/1000)	Para parafusos métricos	Código Dober p/ tipo A	Código Dober p/ tipo B	
31	+0,39	56,0	-0,74	4,0	53,6	30,0	163100040	173100040	
33	+0,62	60,0	-1,2	5,0	77,4	32,0	163300050	173300050	
34		60,0		5,0	75,3	33,0	163400050	173400050	
36		66,0		5,0	94,3	35,0	163600050	173600050	
37		66,0		5,0	92,1	36,0	163700050	173700050	
39		72,0		6,0	136	38,0	163900060	173900060	
40		72,0		6,0	133	39,0	164000060	174000060	
41		72,0		6,0	130	40,0	164100060	174100060	
43		78,0		7,0	183	42,0	164300070	174300070	
46		85,0		-1,4	7,0	220	45,0	164600070	174600070
50		92,0			8,0	294	48,0	165000080	175000080
52	92,0	8,0	284		50,0	165200080	175200080		
54	98,0	8,0	330		52,0	165400080	175400080		
57	105	9,0	431		55,0	165700090	175700090		
58	105	9,0	425		56,0	165800090	175800090		
60	+0,74	110	-1,6		8,0	472	58,0	166000090	176000090
62		110			9,0	458	60,0	166200090	176200090
66		115			9,0	492	64,0	166600090	176600090
70		120			10,0	586	68,0	167000100	177000100
74		125		-1,85	10,0	626	72,0	167400100	177400100
78		135			10,0	749	76,0	167800100	177800100
82		140			12,0	953	80,0	168200120	178200120
87		145			12,0	996	85,0	168700120	178700120
93		160			12,0	1250	90,0	169300120	179300120
98		165			12,0	1300	95,0	169800120	179800120
104	175	14,0	1710		100,0	161040140	171040140		
109	180	14,0	1770		105,0	161090140	171090140		
114	185	-1,85	14,0		1830	110,0	161140140	171140140	
119	200		14,0		2230	115,0	161190140	171190140	
124	210		16,0	2830	120,0	161240160	171240160		
129	220		16,0	3130	125,0	161290160	171290160		
134	220		16,0	3000	130,0	161340160	171340160		
139	230		16,0	3310	135,0	161390160	171390160		
144	240		18,0	4090	140,0	161440180	171440180		
149	250		18,0	4470	145,0	161490180	171490180		
155	250		18,0	4270	150,0	161550180	171550180		

Material : Aço SAE 1010/20

Outras medidas, materiais e acabamentos sob encomenda.