



CATÁLOGO DE
FIXADORES



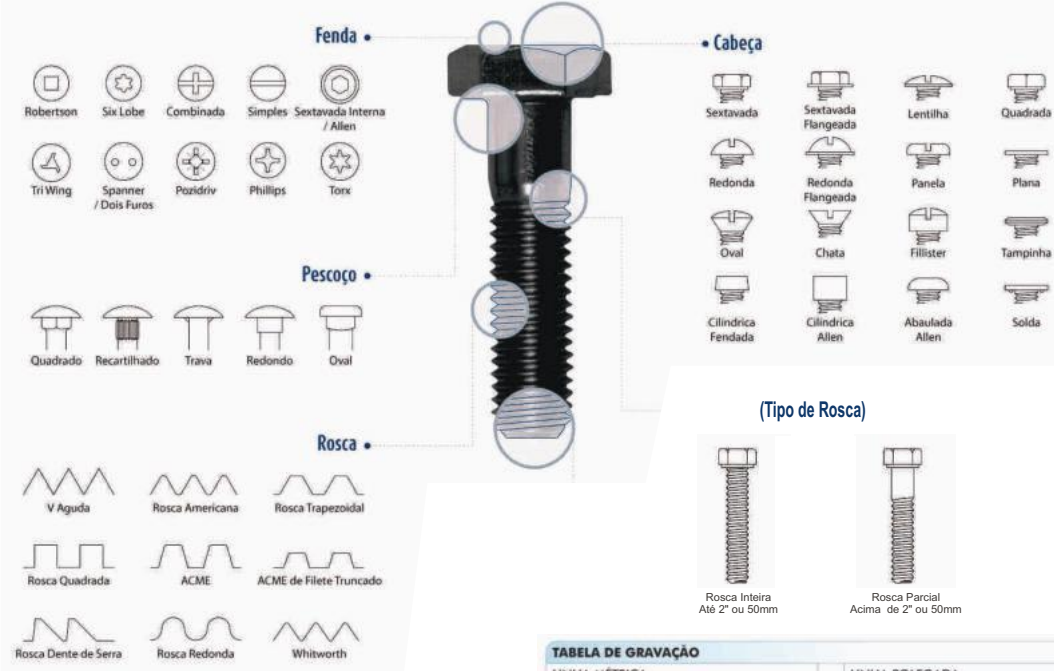
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Aqui está um guia rápido e intuitivo que irá ajudá-lo a compreender melhor os mais diversos tipos de parafusos, cabeças, fendas, rosças e outros elementos que podem compor a sua próxima compra e venda de Parafusos e Fixadores em geral. Geralmente o comprimento de um parafuso é medido de sua cabeça até a outra extremidade, onde sua rosca termina. Entretanto, para parafusos em que a cabeça ficará para fora da superfície é necessário medir seu comprimento abaixo da cabeça até o final da rosca.

TABELA DE CONVERSÃO DE MILÍMETROS PARA POLEGADAS



pol.	mm	pol.	mm	pol.	mm	pol.	mm
1/32"	0,79	1.1/32"	26,19	2.1/16"	52,39	6.1/4"	158,75
1/16"	1,59	1.1/16"	26,99	2.1/8"	53,98	6.1/2"	165,1
3/32"	2,38	1.1/32"	27,78	2.3/16"	55,56	6.3/4"	171,45
1/8"	3,18	1.1/8"	28,58	2.1/4"	57,15	7"	177,8
5/32"	3,97	1.5/32"	29,37	2.5/16"	58,74	7.1/2"	190,5
3/16"	4,76	1.3/16"	30,16	2.3/8"	60,33	8"	203,2
7/32"	5,56	1.7/32"	30,96	2.7/16"	61,91	8.1/2"	215,9
1/4"	6,35	1.1/4"	31,75	2.1/2"	63,5	9"	228,6
9/32"	7,14	1.9/32"	32,54	2.9/16"	65,09	9.1/2"	241,3
5/16"	7,94	1.5/16"	33,34	2.5/8"	66,68	10"	254
11/32"	8,73	1.11/32"	34,13	2.11/16"	68,26	10.1/2"	266,7
3/8"	9,53	1.3/8"	34,93	2.3/4"	69,85	11"	279,4
13/32"	10,32	1.13/32"	35,72	2.13/16"	71,44	11.1/2"	292,1
7/16"	11,11	1.7/16"	36,51	2.7/8"	73,03	12"	304,8
15/32"	11,91	1.15/32"	37,31	2.15/16"	74,61	12.1/2"	317,5
1/2"	12,7	1.1/2"	38,1	3"	76,2	13"	330,2
17/32"	13,49	1.17/32"	38,89	3.1/8"	79,38	13.1/2"	342,9
9/16"	14,29	1.9/16"	39,69	3.1/4"	82,55	14"	355,6
19/32"	15,08	1.19/32"	40,48	3.3/8"	85,73	14.1/2"	368,3
5/8"	15,88	1.5/8"	41,28	3.1/2"	88,9	15"	381
21/32"	16,67	1.21/32"	42,07	3.5/8"	92,08	15.1/2"	393,7
11/16"	17,46	1.11/16"	42,86	3.3/4"	95,25	16"	406,4
23/32"	18,26	1.23/32"	43,66	3.7/8"	98,43	16.1/2"	419,1
3/4"	19,05	1.3/4"	44,45	4"	101,6	17"	431,8
25/32"	19,84	1.25/32"	45,24	4.1/4"	107,95	17.1/2"	444,5
13/16"	20,64	1.13/16"	46,04	4.1/2"	114,3	18"	457,2
27/32"	21,43	1.27/32"	46,83	4.3/4"	120,65	18.1/2"	469,9
7/8"	22,23	1.7/8"	47,63	5"	127	19"	482,6
29/32"	23,02	1.29/32"	48,42	5.1/4"	133,35	19.1/2"	495,3
15/16"	23,81	1.15/16"	49,21	5.1/2"	139,7	20"	508
31/32"	24,61	1.31/32"	50,01	5.3/4"	146,05	20.1/2"	520,7
1"	25,4	2"	50,8	6"	152,4	21"	533,4

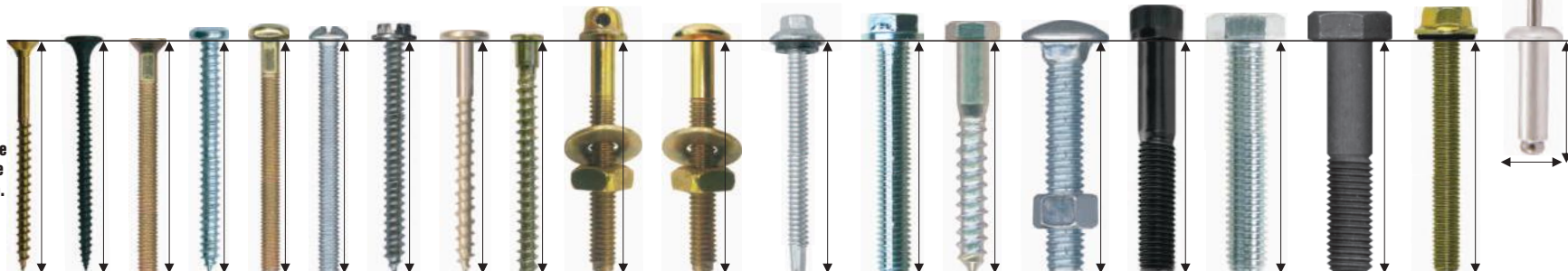
TABELA DE SIMILARIDADE DE CLASSES E GRAUS DE RESISTÊNCIA

GRAU X CLASSE DE RESISTÊNCIA	
DIN ISO 898-1	SAE J 429
Classe 5.8	↔ EQUIVALENTE ↔ Grau 2
Classe 8.8	↔ EQUIVALENTE ↔ Grau 5
Classe 10.9	↔ EQUIVALENTE ↔ Grau 8

TABELA DE GRAVAÇÃO

LINHA MÉTRICA		LINHA POLEGADA	
Classe	Gravação	Grau	Gravação
5.8	58	2	2
8.8	88	5	5
12.9	129		

Parafusos com cabeça chata e que ficarão nivelados com a superfície de aplicação, devem ser medidos desde sua cabeça até a ponta de sua rosca.



GRUPO 0130...
PARAFUSO 1/4



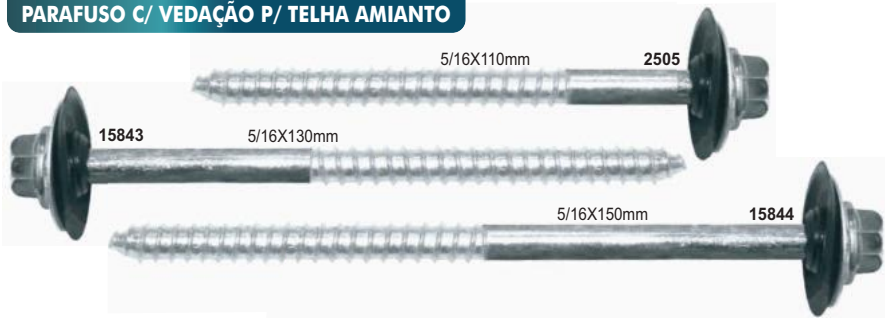
GRUPO 0125...
PARAFUSO 5/16



GRUPO 0130...
PARAFUSO 5/16



GRUPO.: 2000...
PARAFUSO C/ VEDAÇÃO P/ TELHA AMIANTO



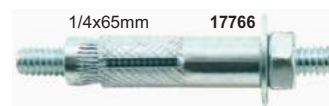
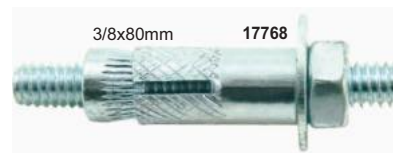
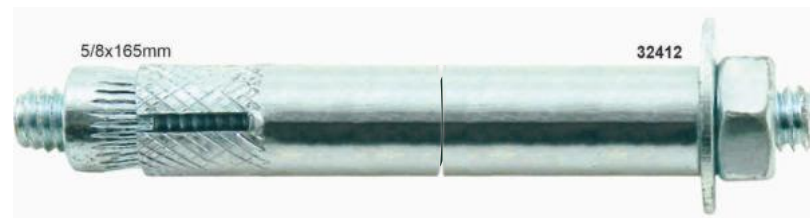
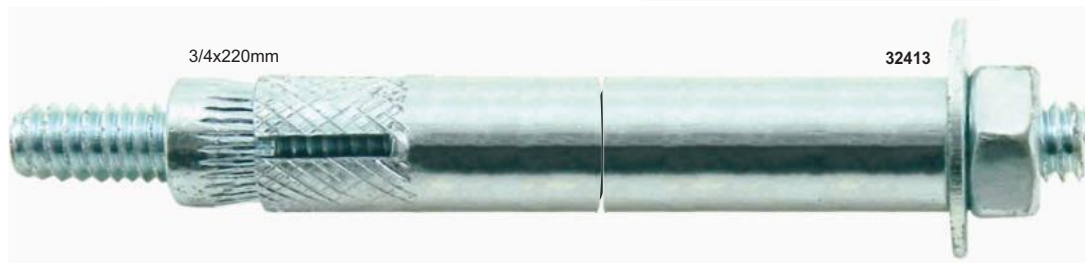
GRUPO.: 2000...
PARAFUSO S/ VEDAÇÃO P/ TELHA AMIANTO



**GRUPO.: 0038...
CHUMBADOR CBA C/ PARAFUSO/PORCA/ARRUELA**



**GRUPO.: 0039...
CHUMBADOR CBA C/ PRISIONEIRO**



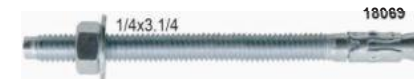
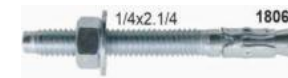
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CHUMBADOR ZINCADO CBN C/ PARAFUSO/PORCA/ARRUELA



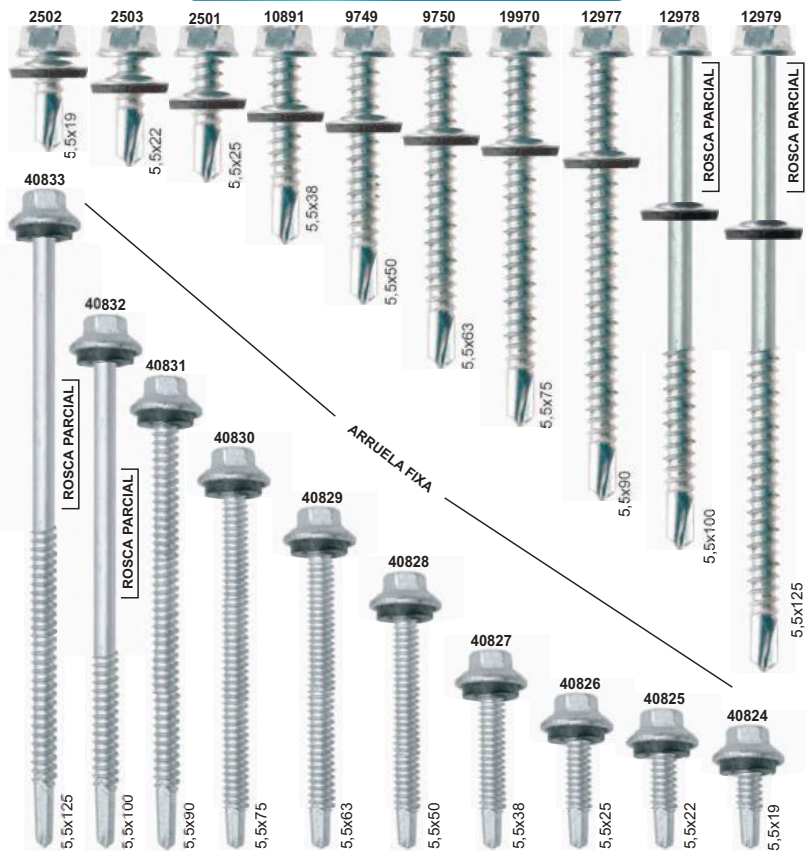
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CHUMBADOR ZINCADO CBN C/ PRISIONEIRO



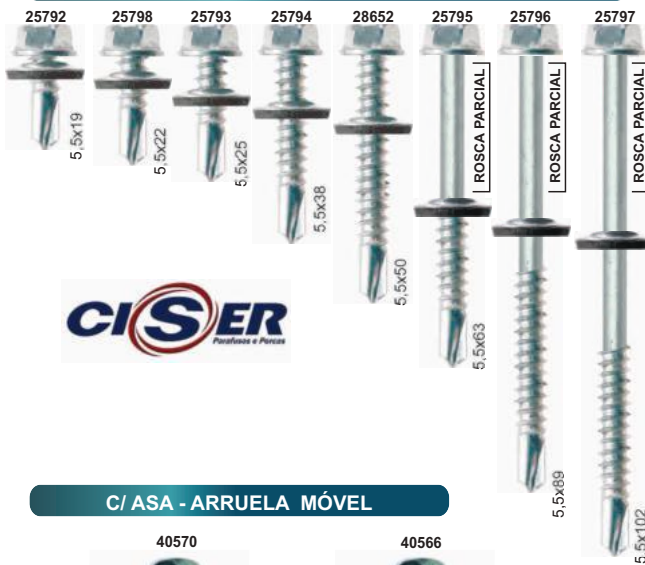
GRUPO.: 0037...
CHUMBADOR PBA C/ PORCA/ARRELA



ARRUELA MÓVEL



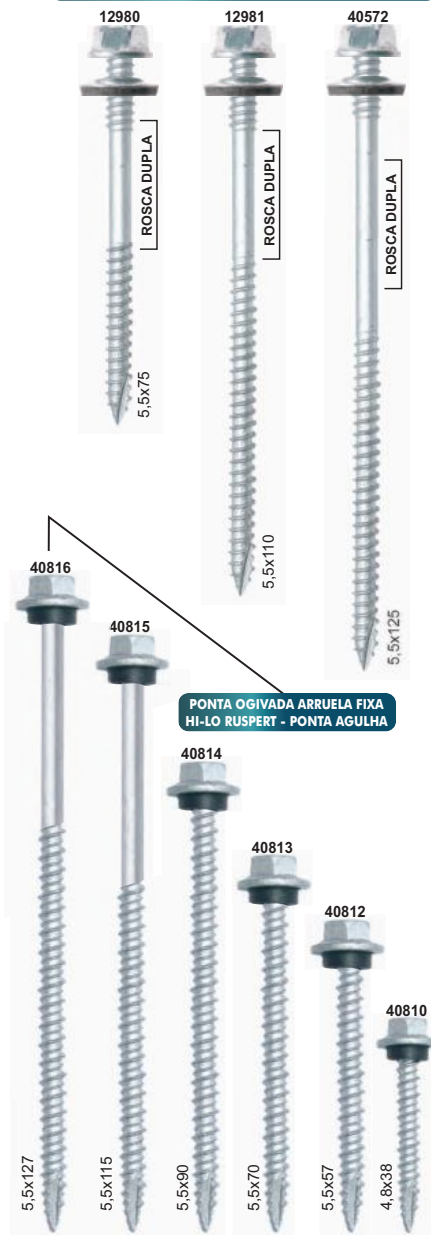
ROSCA INTEIRA - ARRUELA MÓVEL - CISER



C/ ASA - ARRUELA MÓVEL



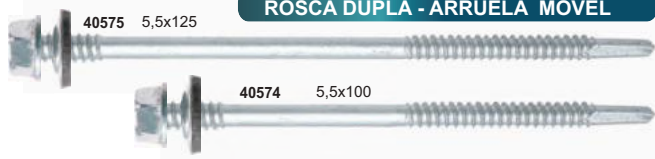
PONTA AGULHA - ARRUELA MÓVEL



ROSCA PARCIAL - ARRUELA MÓVEL

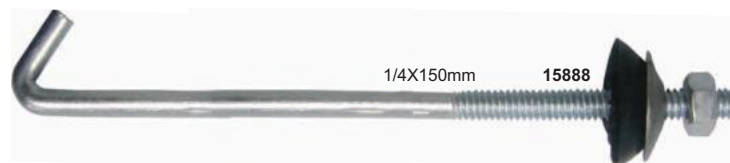


ROSCA DUPLA - ARRUELA MÓVEL



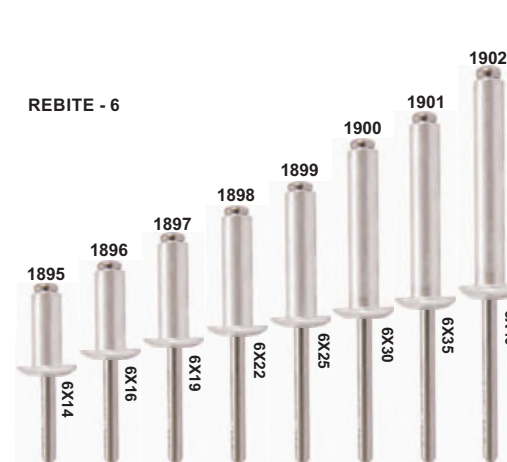
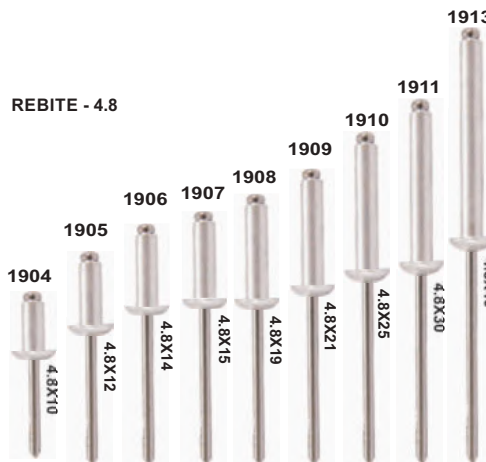
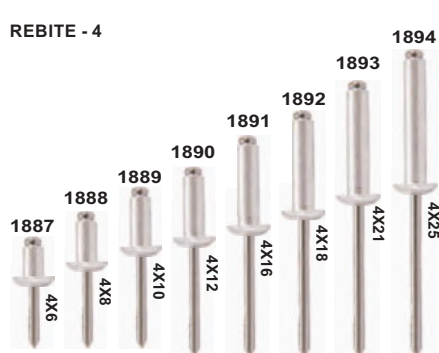
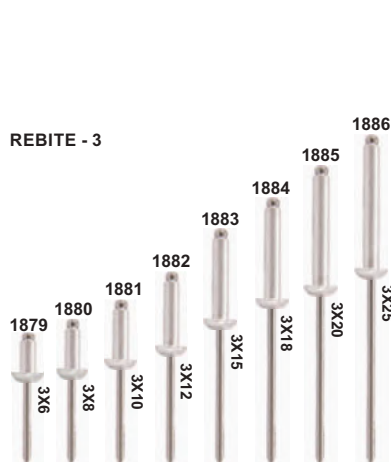


HASTE C/ GANCHO P/ TELHA

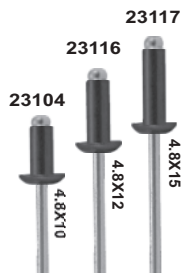
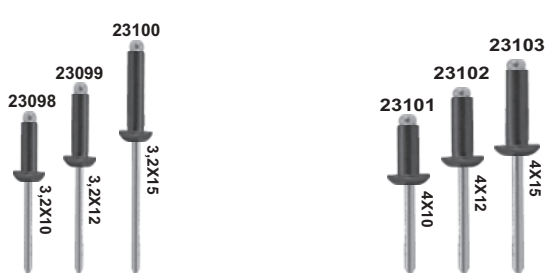


HASTE RETA P/ TELHA





GRUPO.: 0604... REBITE DE REPUXO CORPO DE ALUMÍNIO PRETO



SOQUETE MAGNÉTICO

COD.	MEDIDA/MM
14698	M6x65
14699	M8x65
14700	M10x65
COD.	MEDIDA/POL. MM
14675	1/4x65
14677	5/16x65
14676	3/8x65
14696	7/16x65
14697	1/2x65

GRUPO.: 0603... REBITE DE ALUMÍNIO MACIÇO CABEÇA LENTILHA

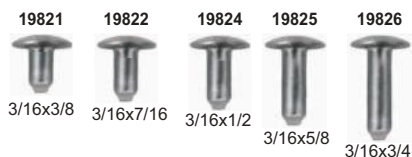
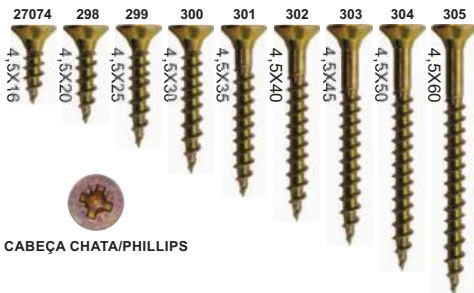
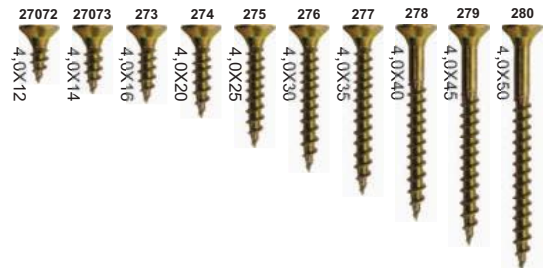
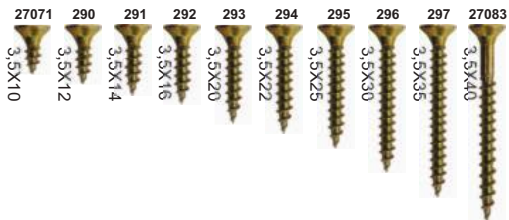


TABELA PARA QUANTIDADE APROXIMADA DE QUILO POR REBITE

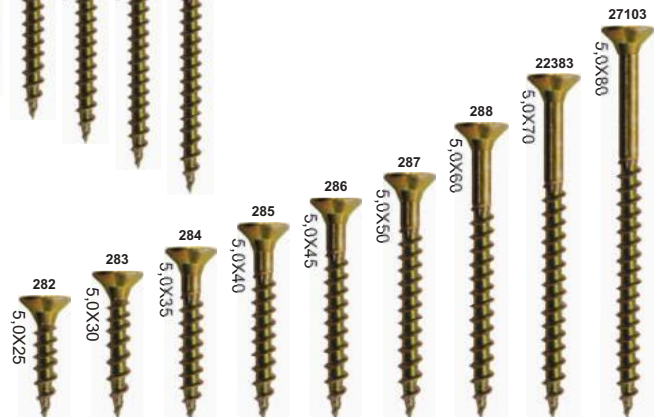
COD.	TAMANHO	QDAE	QDAE +/- POR KG
19821	3/16x3/8	1kg	1.190
19822	3/16x7/16	1kg	1.100
19824	3/16x1/2	1kg	1.008
19825	3/16x5/8	1kg	884
19826	3/16x3/4	1kg	765
19827	1/4x5/16	1kg	768
19828	1/4x1/2	1kg	587

***USADO NA FABRICAÇÃO DE BAÚ E BARCO DE ALUMÍNIO**





CABEÇA CHATA/PHILLIPS

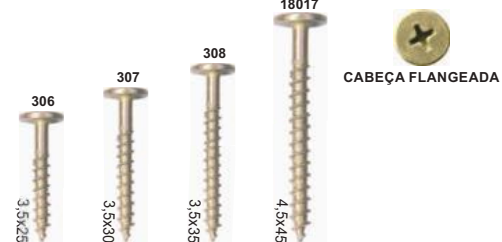
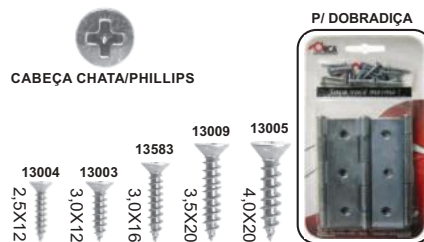
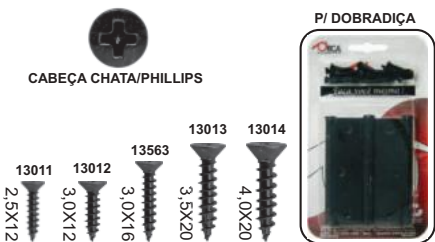


**GRUPO: 0007...
PARAFUSO CHIPBOARD PRETO**

**GRUPO: 0008...
PARAFUSO CHIPBOARD BICROMATIZADO**

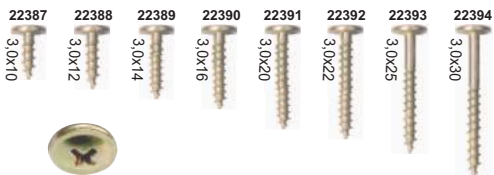
**GRUPO: 0009...
PARAFUSO CHIPBOARD ZINCADO**

**GRUPO: 0026...
PARAFUSO CHIPBOARD P/ PUXADORES (MADEIRA/ACRÍLICO)**

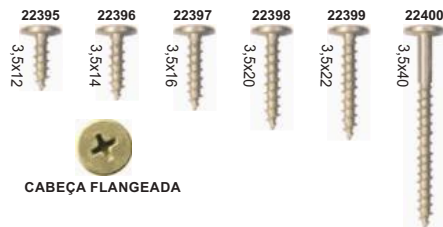


MEDIDAS DE PARAFUSOS P/ INSTALAÇÕES DE DOBRADIÇAS

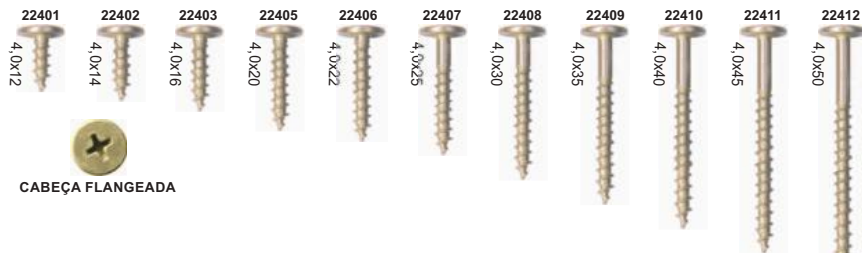
DOBRADIÇA	DOBRADIÇA DE 3/4"	DOBRADIÇA DE 1.1/2"	DOBRADIÇA DE 2"	DOBRADIÇA DE 2.1/2"	DOBRADIÇA DE 3"	DOBRADIÇA DE 3.1/2"	DOBRADIÇA DE 4"
PARAFUSO	PARAFUSO 2,5X12	PARAFUSO 3,0X12	PARAFUSO 3,0X12	PARAFUSO 3,0X16	PARAFUSO 3,5X20	PARAFUSO 3,5X20	PARAFUSO 4,0X20



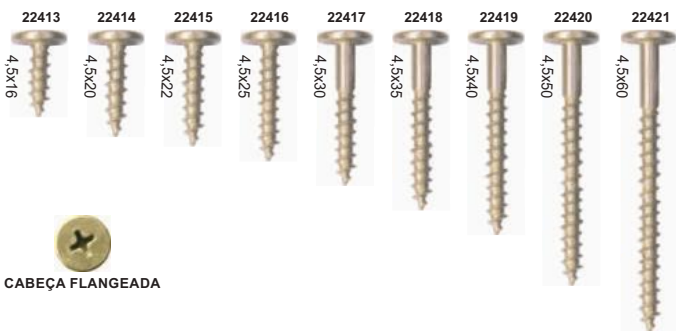
CABEÇA FLANGEADA



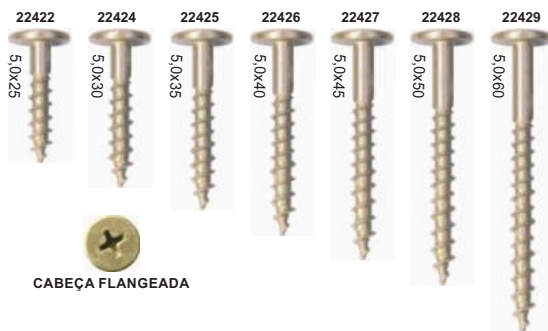
CABEÇA FLANGEADA



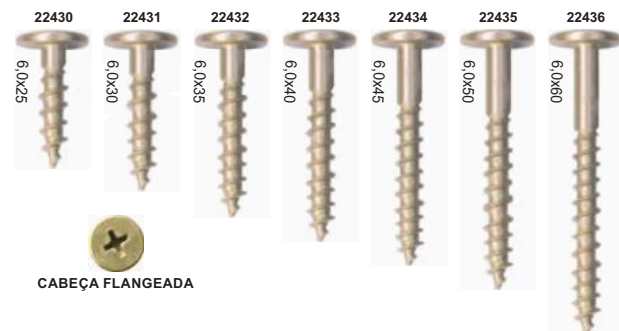
CABEÇA FLANGEADA



CABEÇA FLANGEADA



CABEÇA FLANGEADA



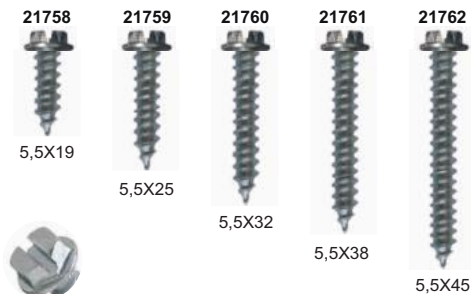
CABEÇA FLANGEADA



4,2 CHAVE 1/4



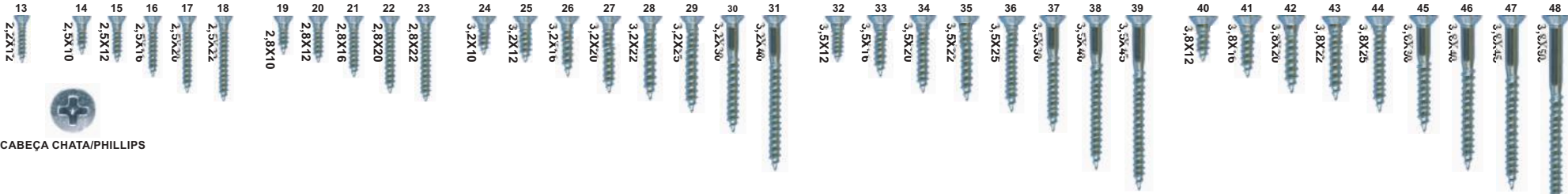
4,8 CHAVE 5/16



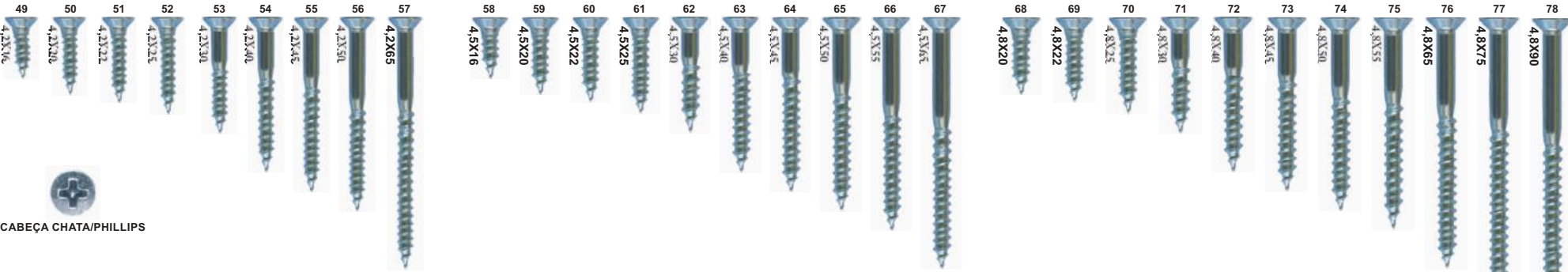
5,5 CHAVE 5/16



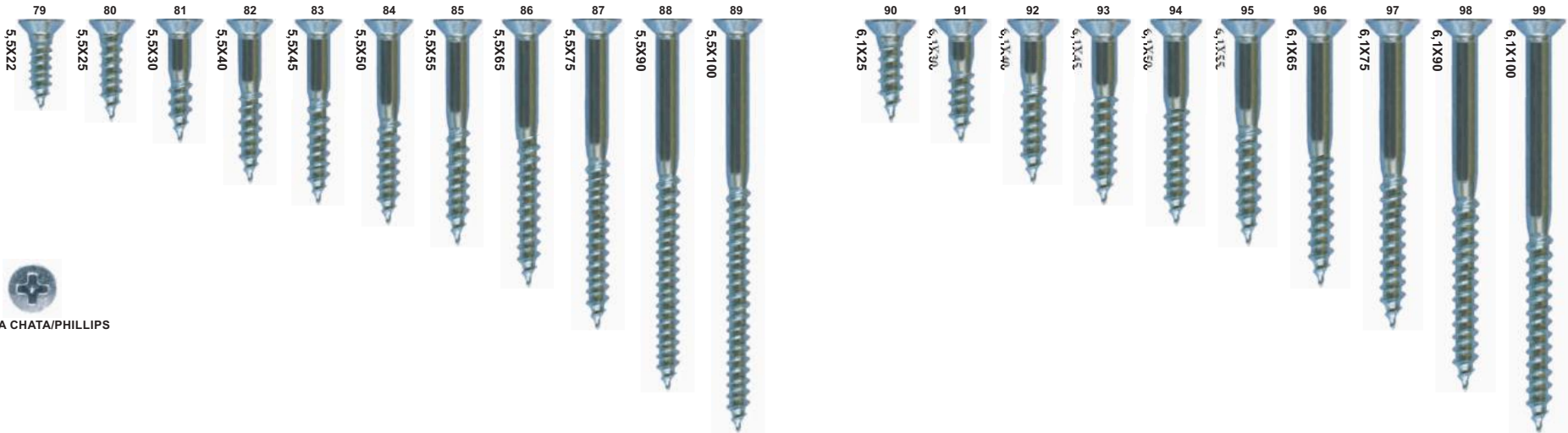
6,3 CHAVE 3/8



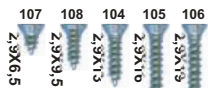
CABEÇA CHATA/PHILLIPS



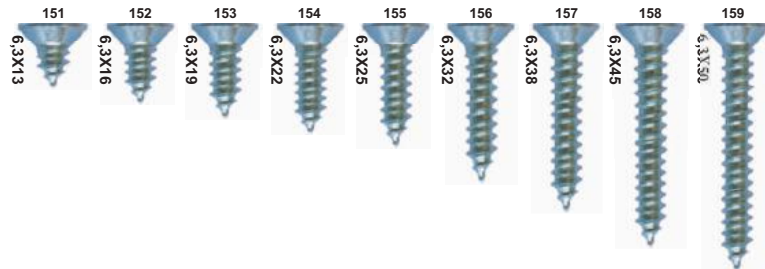
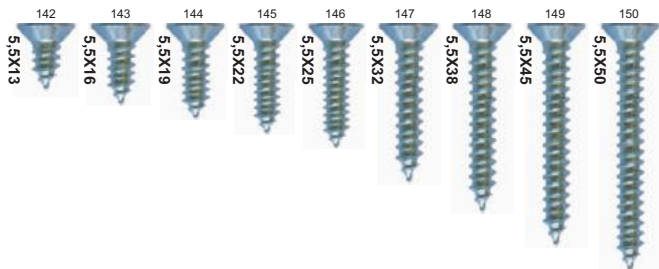
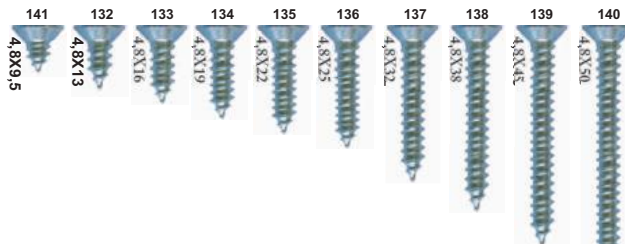
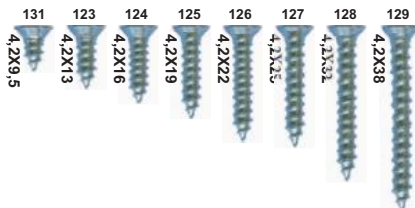
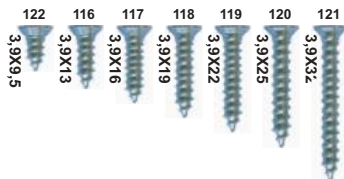
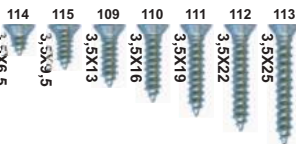
CABEÇA CHATA/PHILLIPS



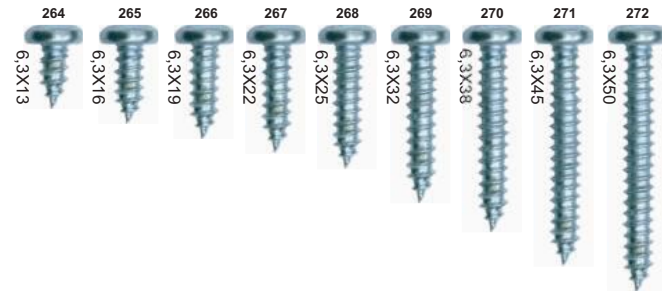
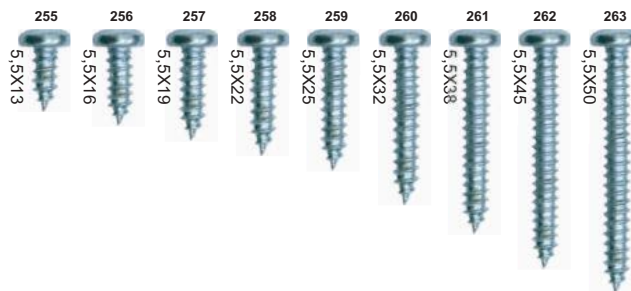
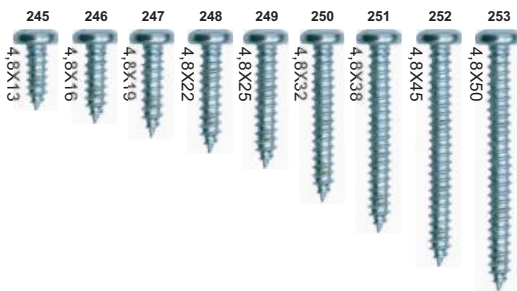
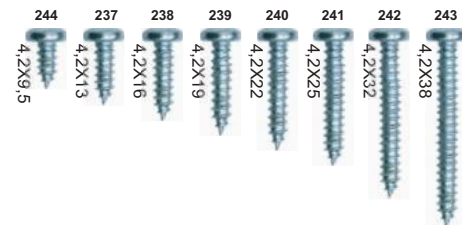
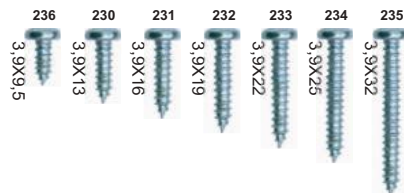
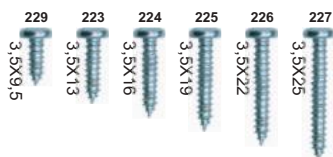
CABEÇA CHATA/PHILLIPS

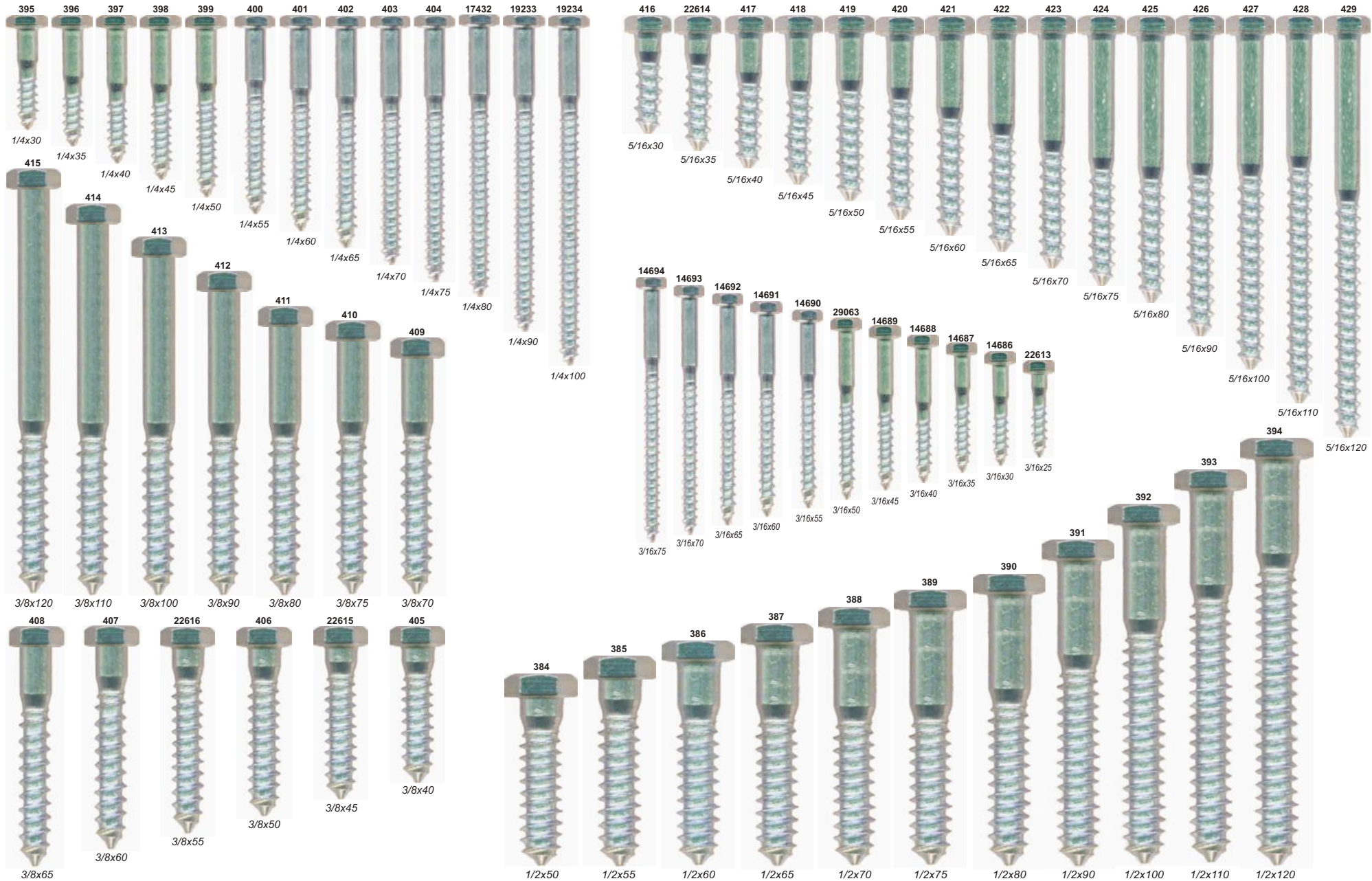


CABEÇA CHATA/PHILLIPS



CABEÇA PANELA/PHILLIPS





CABEÇA CHATA

**GRUPO: 0018...
AUTO BROCANTE PHILLIPS/CABEÇA CHATA - ZINCADO**



CABEÇA CHATA/PHILLIPS

CABEÇA PANELA

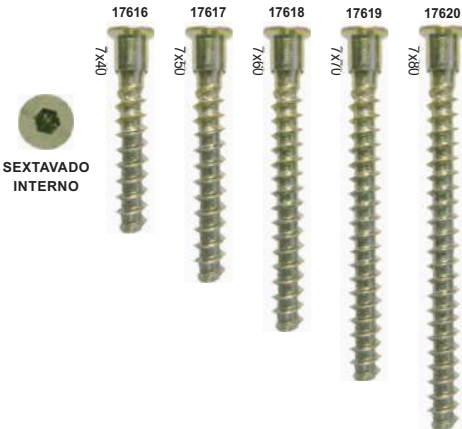
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AUTO BROCANTE PHILLIPS/CABEÇA PANELA - ZINCADO**



CABEÇA PANELA/PHILLIPS

SEXTAVADO INTERNO

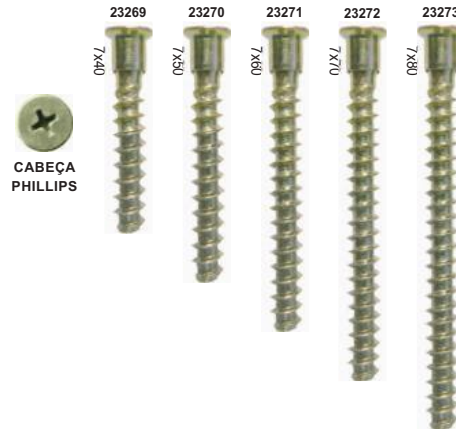
**GRUPO: 0017...
PARAFUSO ESTRUTURAL
SEXTAVADO INTERNO
P/ MÓVEIS**



SEXTAVADO INTERNO

CABEÇA PHILLIPS

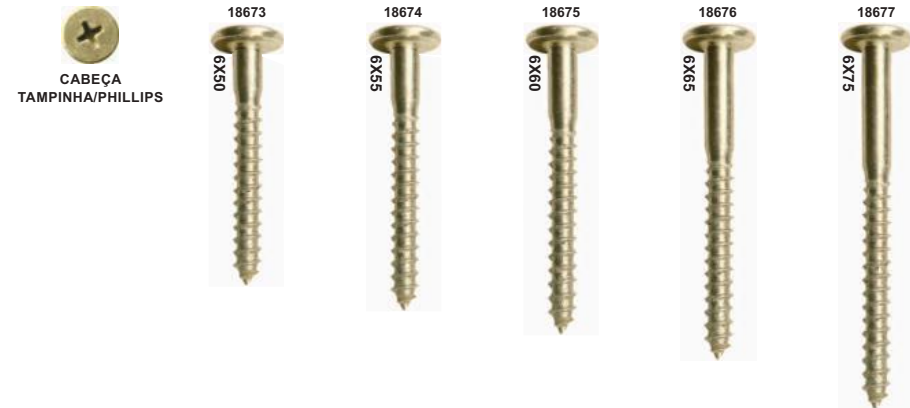
**GRUPO: 0014...
PARAFUSO ESTRUTURAL
PHILLIPS P/ MÓVEIS**



CABEÇA PHILLIPS

CABEÇA TAMPINHA

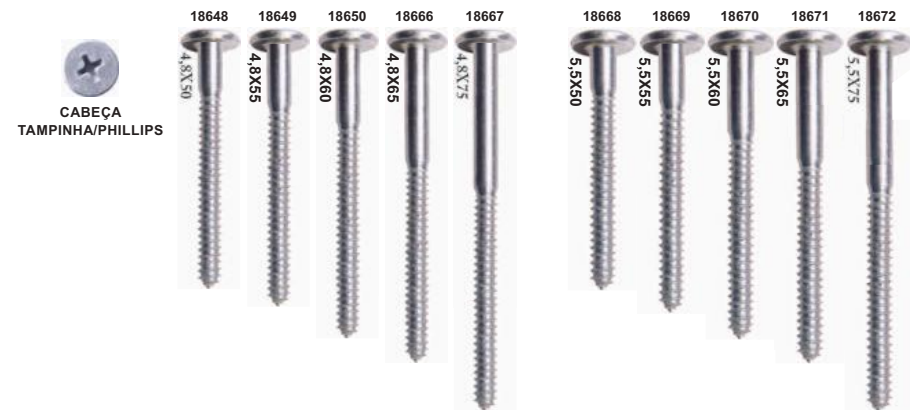
**GRUPO: 0022...
CHIPBOARD PHILLIPS/CABEÇA TAMPINHA BICROMATIZADO**



CABEÇA TAMPINHA/PHILLIPS

CABEÇA TAMPINHA

**GRUPO: 0023...
MADEIRA PHILLIPS/CABEÇA TAMPINHA ZINCADO**

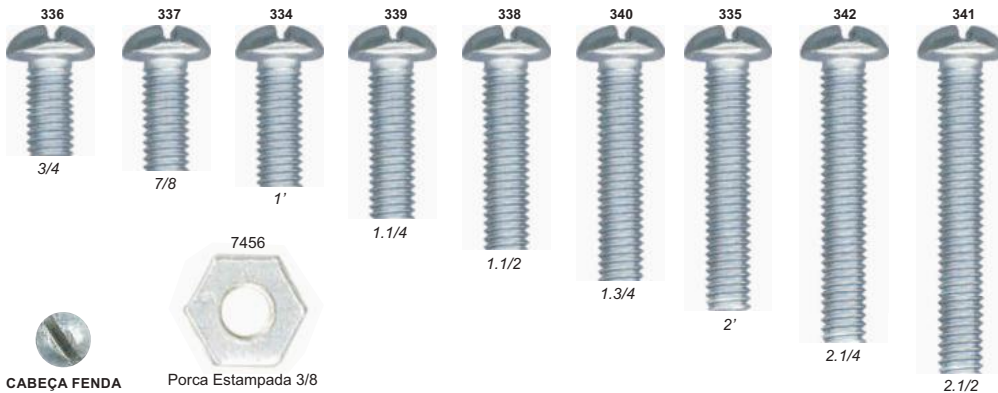
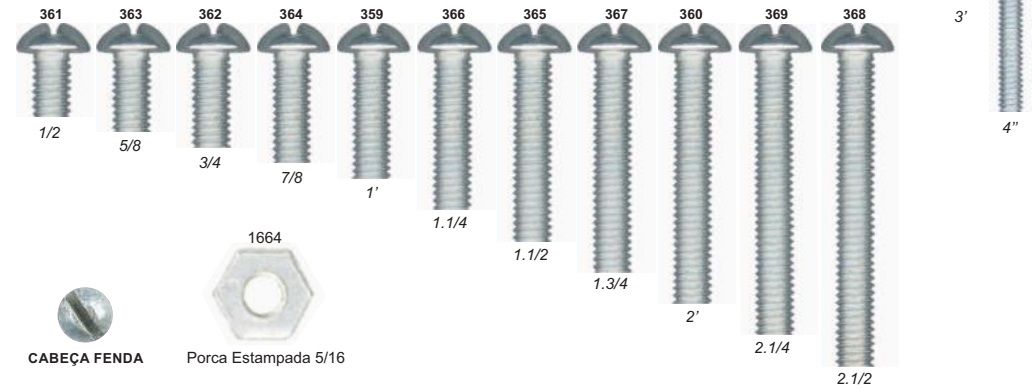
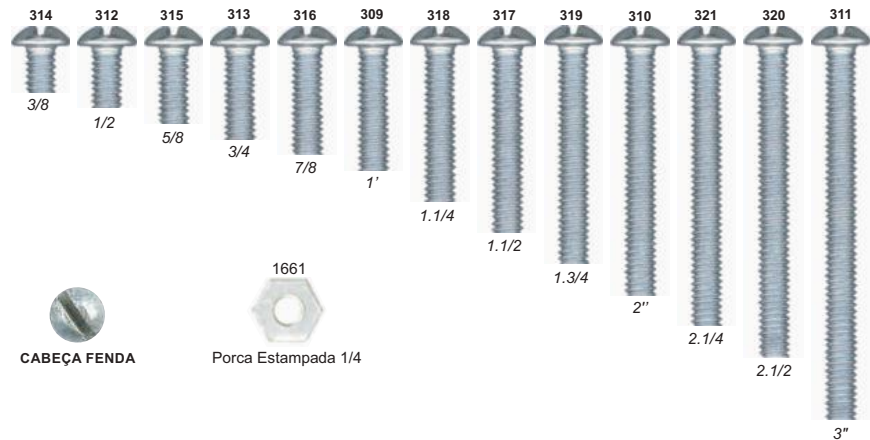
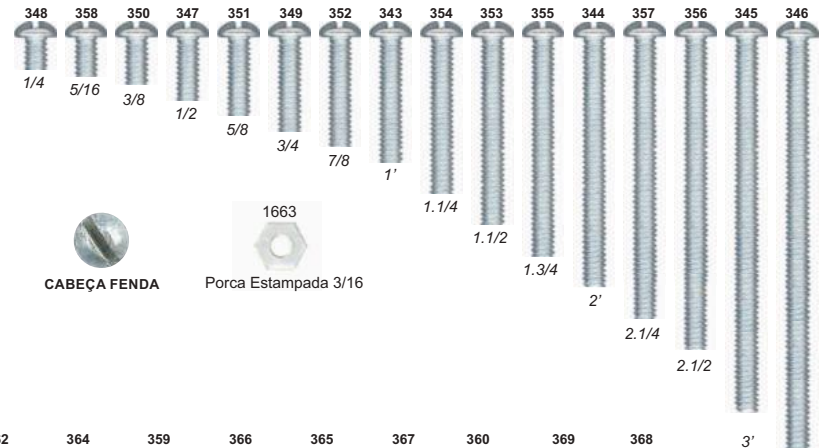
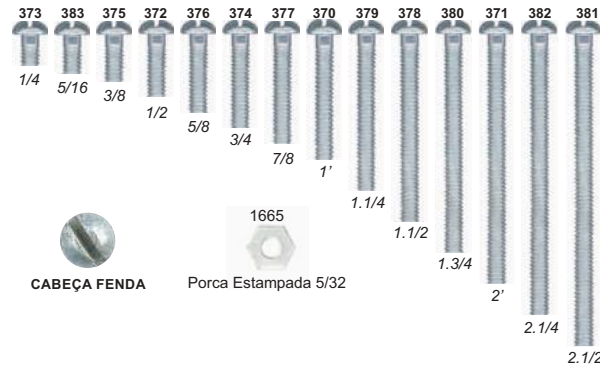
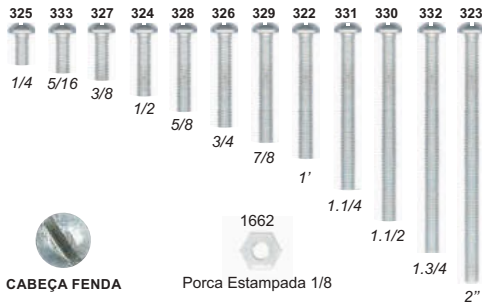


CABEÇA TAMPINHA/PHILLIPS



**GRUPO.: 2102...
TAMPINHA
PLÁSTICA P/
PARAFUSO DE
MÓVEIS**

COD.	CORES
19502	MARFIM
19504	BRANCA
19505	MOGNO
19506	CINZA
19507	PRETA
19508	TABACO



BUCHA BRANCA S/ ANEL

COD.	BUCHA
2134	S-5
2135	S-6
2136	S-7
2137	S-8
2138	S-10
2139	S-12



BUCHA BRANCA C/ ANEL

COD.	BUCHA
2140	S-6
16376	S-7
2141	S-8
2142	S-10
2143	S-12



BUCHA CINZA S/ ANEL

COD.	BUCHA
39468	S-5
39469	S-6
39470	S-7
39471	S-8
39472	S-10
39473	S-12



BUCHA CINZA C/ ANEL

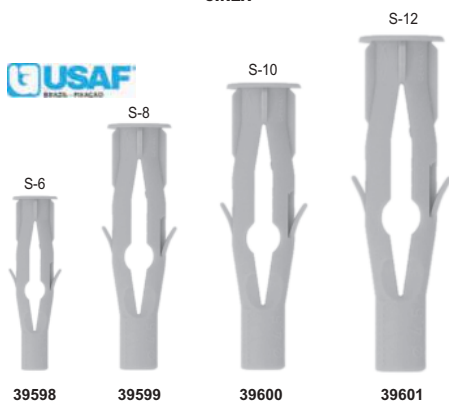
COD.	BUCHA
39474	S-5
39476	S-6
39478	S-7
39479	S-8
39480	S-10
39483	S-12



BUCHA POLIPROPILENO VIRGEM P/ TIJOLO OCO ALTA DENSIDADE

COD.	BUCHA
39598	S-6
39599	S-8
39600	S-10
39601	S-12

CINZA



BUCHA POLIPROPILENO VIRGEM P/ FIXAÇÃO ALTA DENSIDADE

COD.	BUCHA
39595	S-6
39596	S-8
39597	S-10

CINZA



COD.	BUCHA
39592	S-6
39593	S-8
39594	S-10

VERDE



BUCHA S/ ANEL P/ TIJOLO OCO

COD.	BUCHA
21347	S-6
21348	S-8
21349	S-10
21350	S-12

VERMELHA



BUCHA C/ ANEL

COD.	BUCHA
21288	S-6
21289	S-8
21290	S-10

VERMELHA



BUCHA C/ ANEL P/ TIJOLO FURADO

COD.	BUCHA
2144	S-6
2145	S-8
2146	S-10

CINZA



BUCHA S/ ANEL

COD.	BUCHA
16486	S-5
16487	S-6
16488	S-7
16489	S-8
16490	S-10
16491	S-12

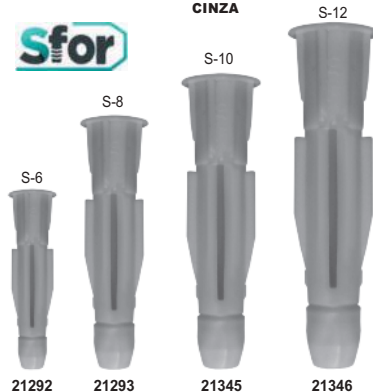
BRANCA



BUCHA DE NYLON C/ ANEL P/ TIJOLO FURADO

COD.	BUCHA
21292	S-6
21293	S-8
21345	S-10
21346	S-12

CINZA



BUCHA PLÁSTICA C/ ANEL P/ TIJOLO FURADO

COD.	BUCHA
20619	S-6
20620	S-8
20621	S-10
21351	S-12

BRANCA



BUCHA C/ ANEL

COD.	BUCHA
16492	S-6
16494	S-8

BRANCA



BUCHA DRYFIX P/ DRYWALL/GESSO



COD.	TAMANHO
21291	32mm

BUCHA DE NYLON



BUCHA BRANCA P/ DRYWALL/GESSO

O comprimento do parafuso deve ser o comprimento da bucha mais espessura do objeto a ser fixado



COD.	Nº
2147	2
2148	3
2149	4



SUGESTÃO DE PARAFUSOS NAS BUCHAS



PARAFUSO MADEIRA

BUCHA	MEDIDAS
6	3,8x30
8	4,8x40
10	5,5x50
12	6,1x65



PARAFUSO PANEIA

BUCHA	MEDIDAS
6	4,2x32
8	5,5x38
10	6,3x50



PARAFUSO SEXTAVADO

BUCHA	MEDIDAS
8	3/16x45
10	1/4x60
12	5/16x70

BUCHA CINZA S/ ANEL

COD.	BUCHA
1498	S-5
1499	S-6
1500	S-7
1501	S-8
1502	S-10



1498 1499 1500 1501 1502

BUCHA CINZA C/ ANEL

COD.	BUCHA
16953	S-6
16959	S-7
16966	S-8
16972	S-10



16953 16959 16966 16972

BUCHA CINZA S/ ANEL

COD.	BUCHA
16977	S-8
16986	S-10
16993	S-12



16977 16986 16993

BUCHA CINZA C/ ANEL

COD.	BUCHA
16978	S-8
16987	S-10
16994	S-12



16978 16987 16994

BUCHA CINZA S/ ANEL

COD.	BUCHA
17010	S-5
17014	S-6
17017	S-7
17021	S-8
17026	S-10
17028	S-12



17010 17014 17017 17021 17026 17028

BUCHA CINZA C/ ANEL

COD.	BUCHA
17011	S-6
17015	S-7
17018	S-8
17022	S-10
17027	S-12



17011 17015 17018 17022 17027

BUCHA BRANCA S/ ANEL

COD.	BUCHA
17009	S-5
17012	S-6
17016	S-7
17019	S-8
17025	S-10
17030	S-12



17009 17012 17016 17019 17025 17030

BUCHA BRANCA C/ ANEL

COD.	BUCHA
17013	S-6
17020	S-8



17013 17020

0047... AUTO BROCANTE CABEÇA FLANGEADA C/ SERRILHA
PONTA BROCA P/ FORRO P.V.C.



0027... AUTO BROCANTE CABEÇA FLANGEADA
PONTA BROCA P/ FORRO P.V.C.



0027... AUTO BROCANTE CABEÇA FLANGEADA
PONTA AGULHA P/ FORRO P.V.C.



0128... AUTO BROCANTE CABEÇA FLANGEADA C/ SERRILHA
PONTA BROCA P/ FORRO P.V.C.



0127... AUTO BROCANTE CABEÇA FLANGEADA C/
PONTA BROCA P/ FORRO P.V.C.



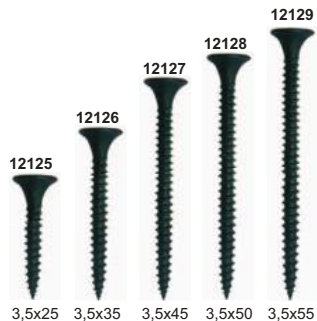
0129... AUTO BROCANTE CABEÇA FLANGEADA
PONTA AGULHA P/ FORRO P.V.C.



PARAFUSO PRETO TROMBETA
PONTA AGULHA



CABEÇA PHILLIPS



PARAFUSO PRETO TROMBETA
PONTA BROCA



CABEÇA PHILLIPS



PONTEIRA MAGNÉTICA

COD.	MEDIDA/MM
14621	2x65
14622	2x75
14624	2x100

2 PONTAS PHILLIPS 1/4 PH2



PONTA BITS SUPER MAGNÉTICA
PHILLIPS PH2

COD.	MEDIDA/MM
40834	65mm
40835	100mm

C/ LIMITADOR



PONTA BITS MAGNÉTICA
PHILLIPS + FENDA

COD.	MEDIDA/MM
40862	PH2 65mm
40863	PH3 65mm



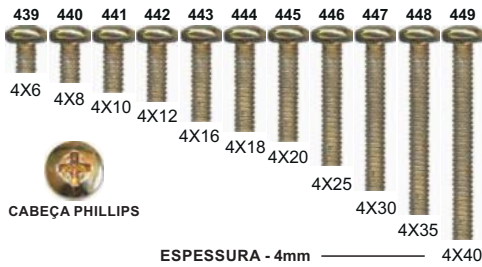
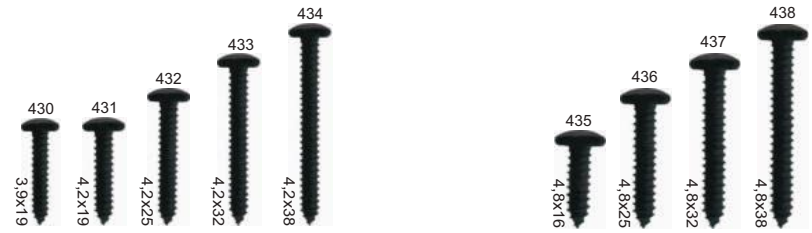
PARAFUSO AUTO BROCANTE C/ ASA



CABEÇA PHILLIPS

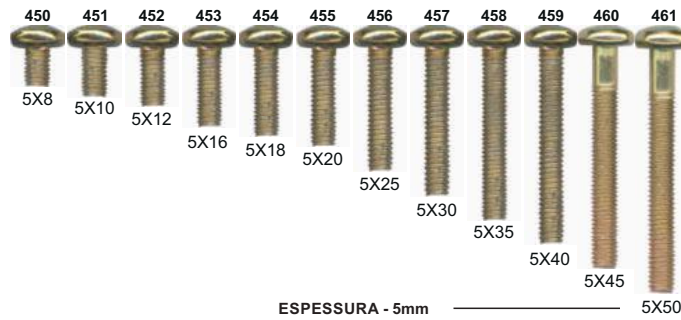


CABEÇA PHILLIPS

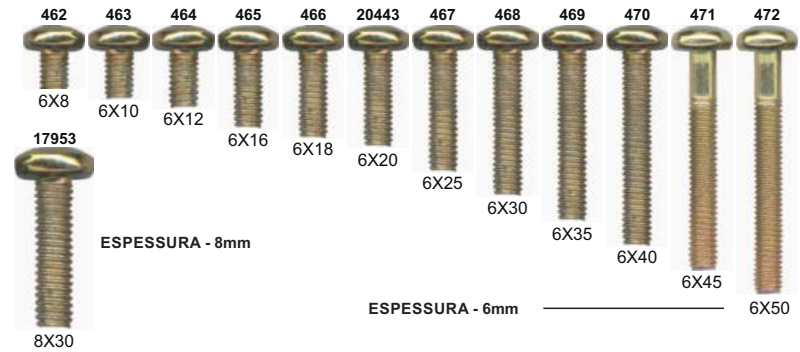


CABEÇA PHILLIPS

ESPESSURA - 4mm



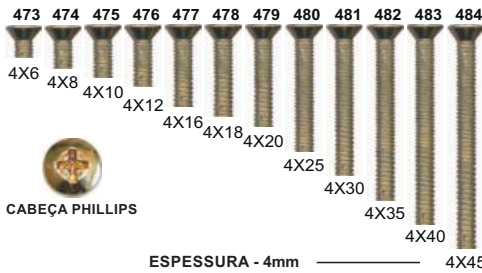
ESPESSURA - 5mm



ESPESSURA - 8mm

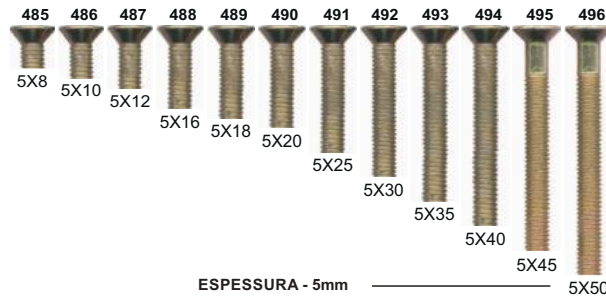
ESPESSURA - 6mm

ESPESSURA - 6mm

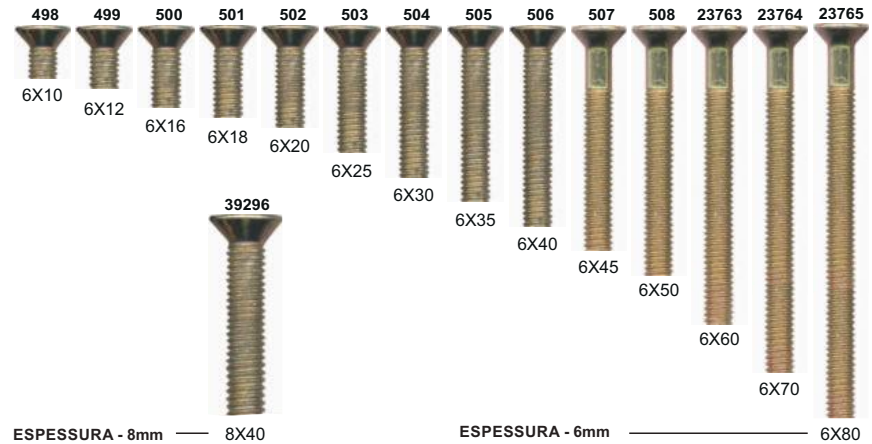


CABEÇA PHILLIPS

ESPESSURA - 4mm



ESPESSURA - 5mm



ESPESSURA - 8mm

ESPESSURA - 6mm

ESPESSURA - 6mm



1552



1598



1679

TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/4	20	7/16
5/16	18	1/2



5/16

1559



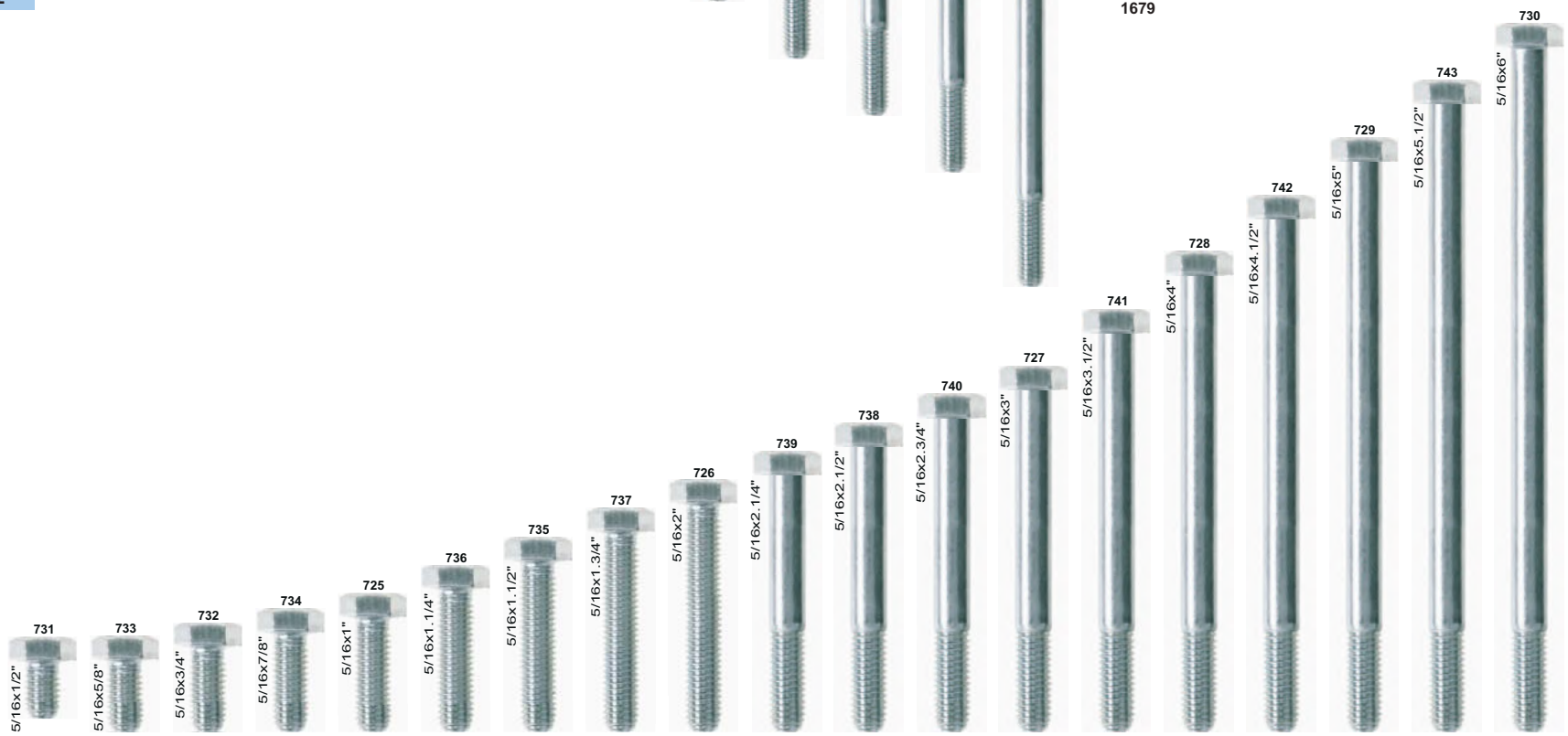
5/16

1604



5/16

1687



730

743

729

742

728

741

727

740

738

739

726

737

735

736

725

734

732

733

731

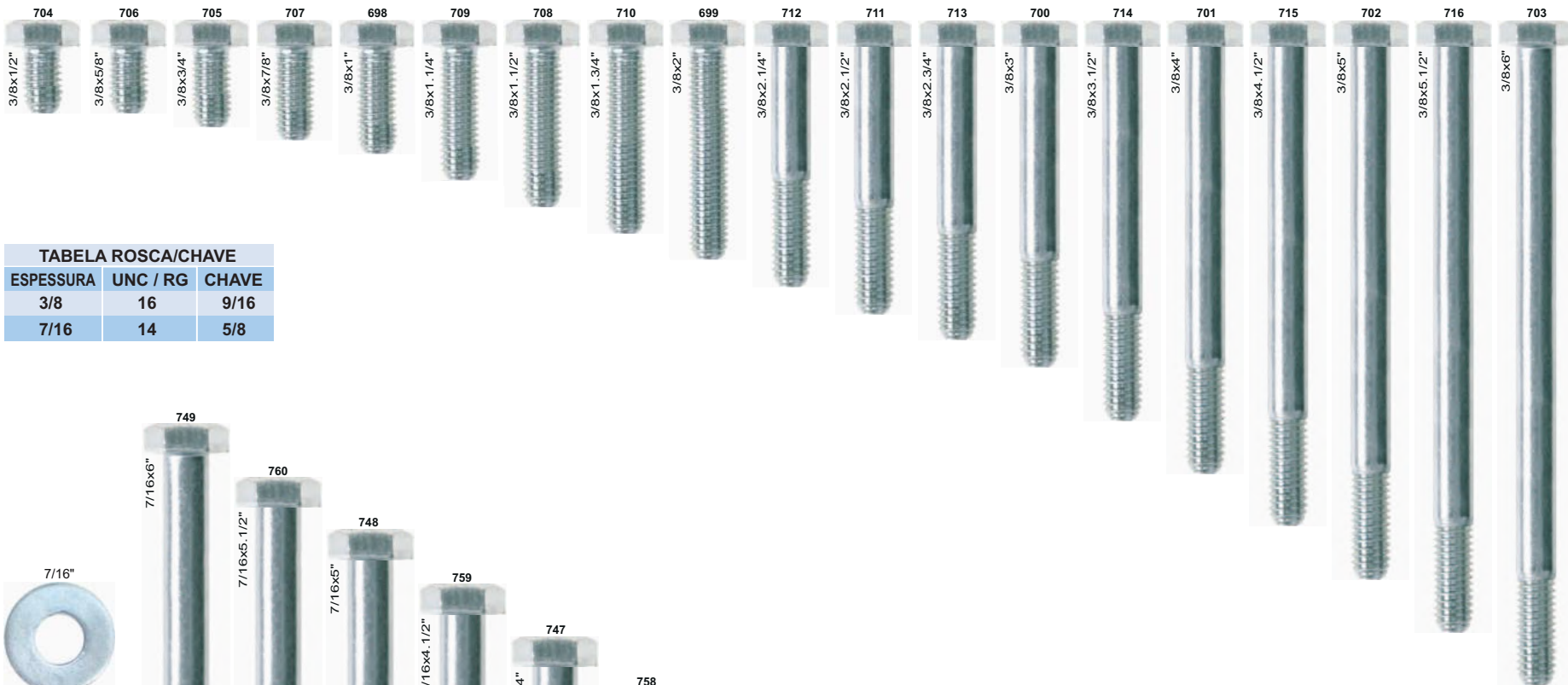


TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
3/8	16	9/16
7/16	14	5/8



1555



1600



1681



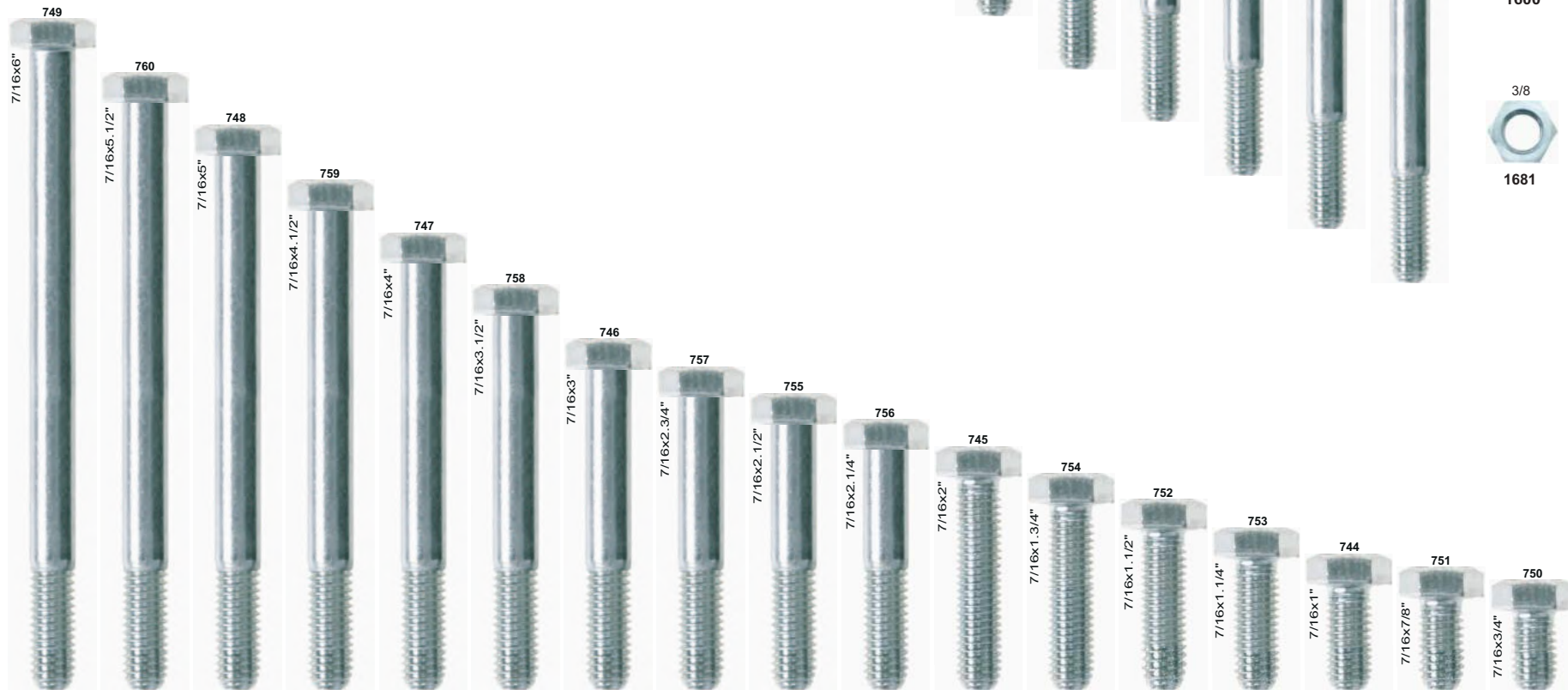
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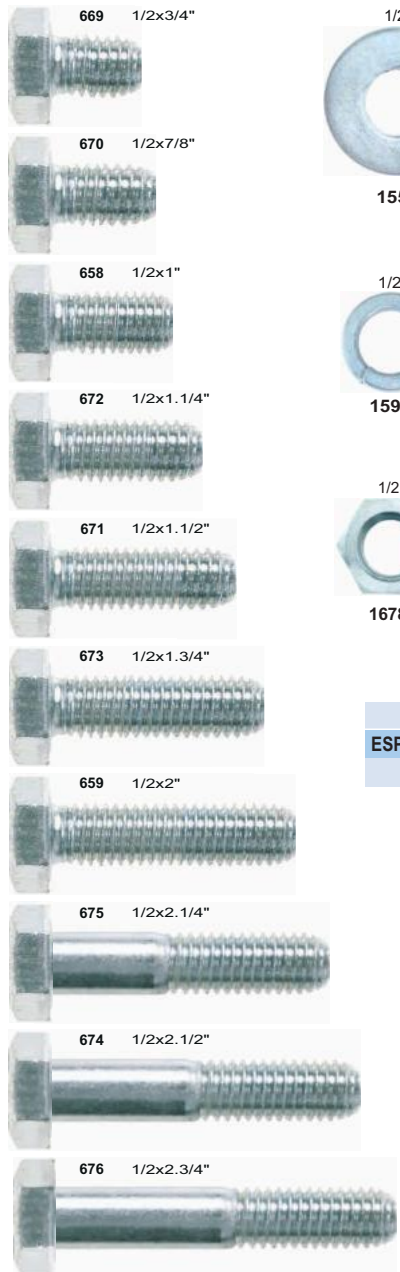


1605



1689





1551



1597



1678

TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/2	13	3/4



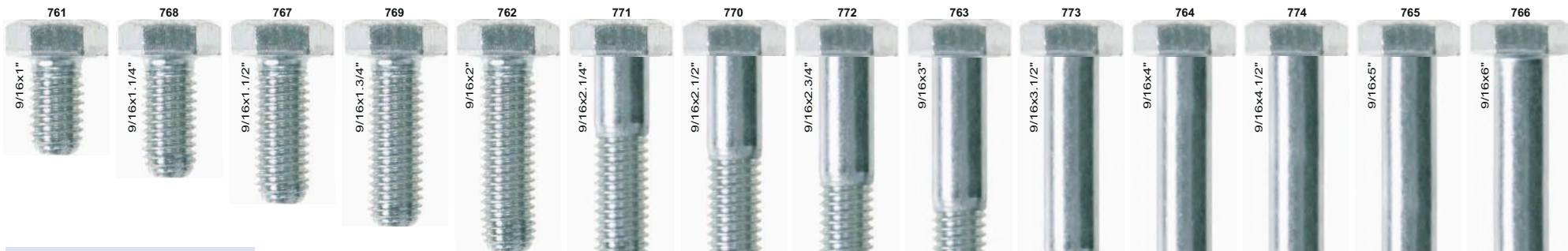


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
9/16	12	13/16
5/8	11	15/16





TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
1/4	20	7/16
5/16	18	1/2



1540



1587



1668



1547



1593



1674

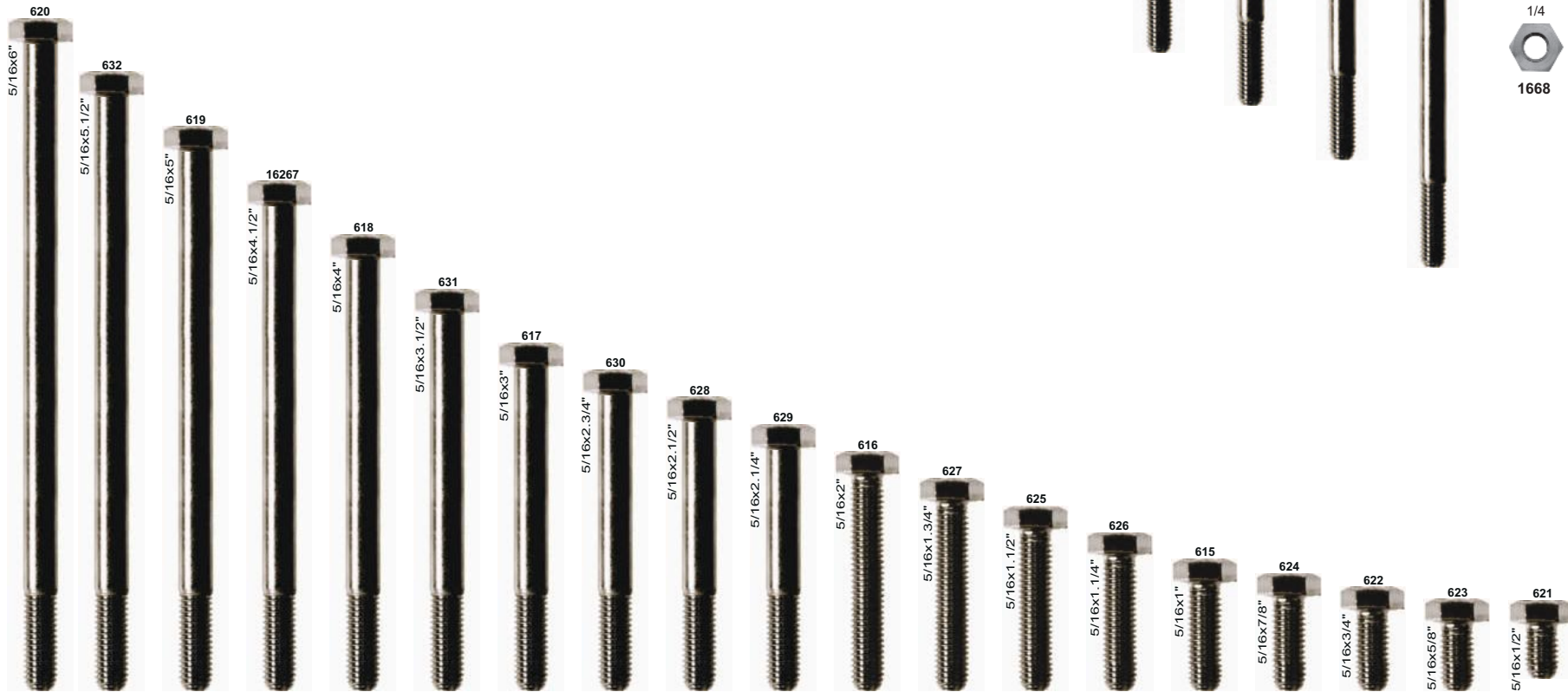




TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
3/8	16	9/16
7/16	14	5/8



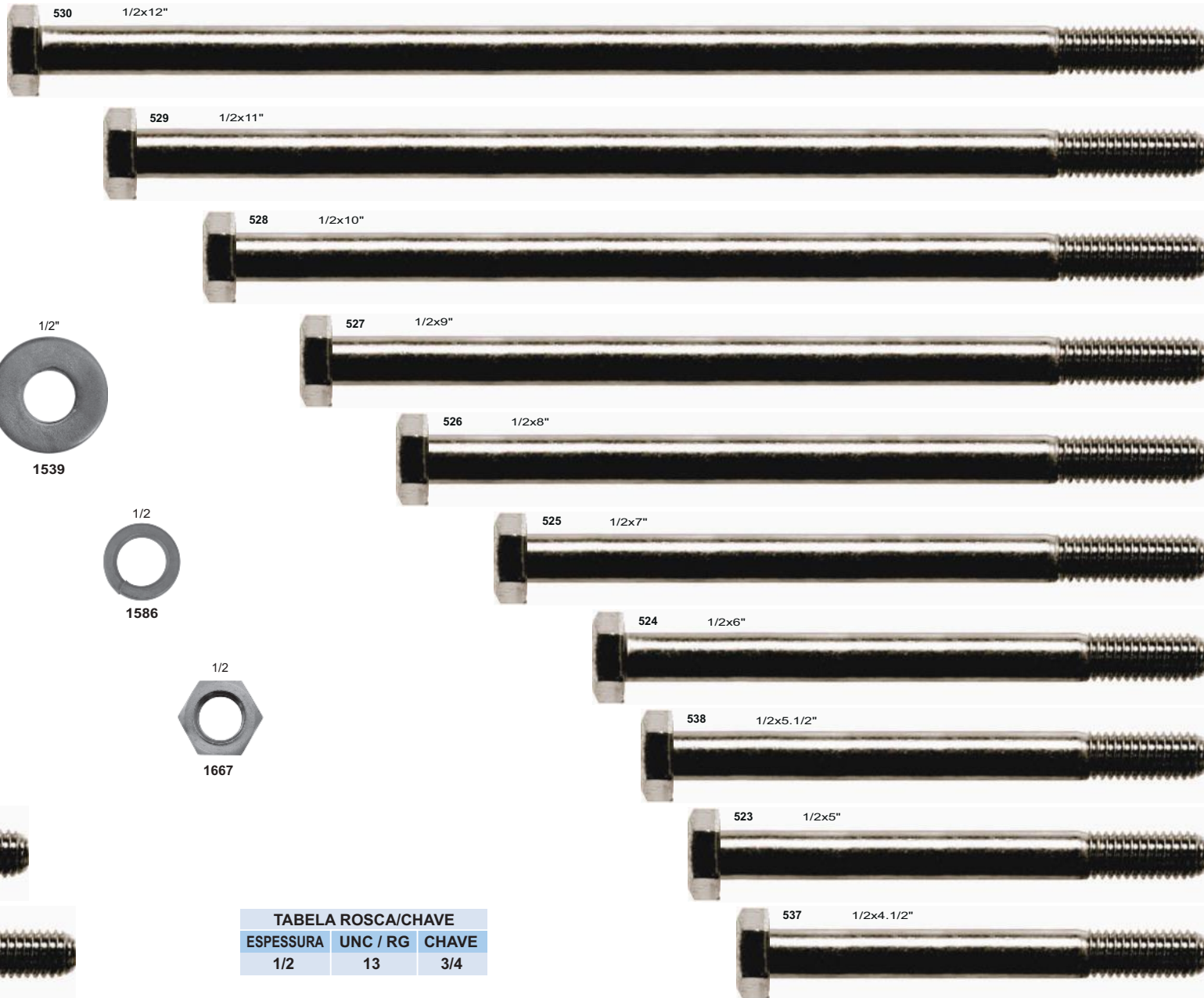
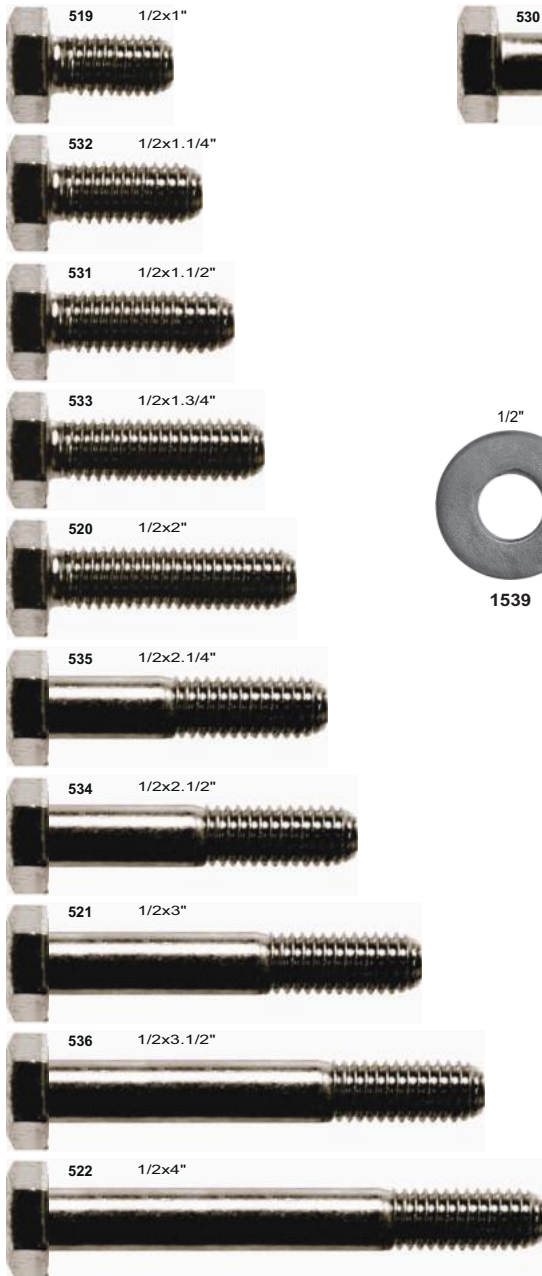


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/2	13	3/4



TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
9/16	12	13/16

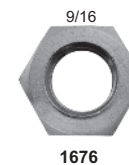




TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
5/8	11	15/16



TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
3/4	10	11/8



604 7/8x2"

614 7/8x12"

605 7/8x3"

613 7/8x11"

606 7/8x4"

612 7/8x10"

607 7/8x5"

611 7/8x9"

608 7/8x6"

610 7/8x8"

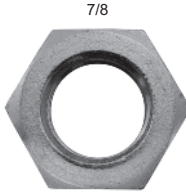
609 7/8x7"

TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
7/8	9	1.15/16



7/8"

1545



7/8

1672

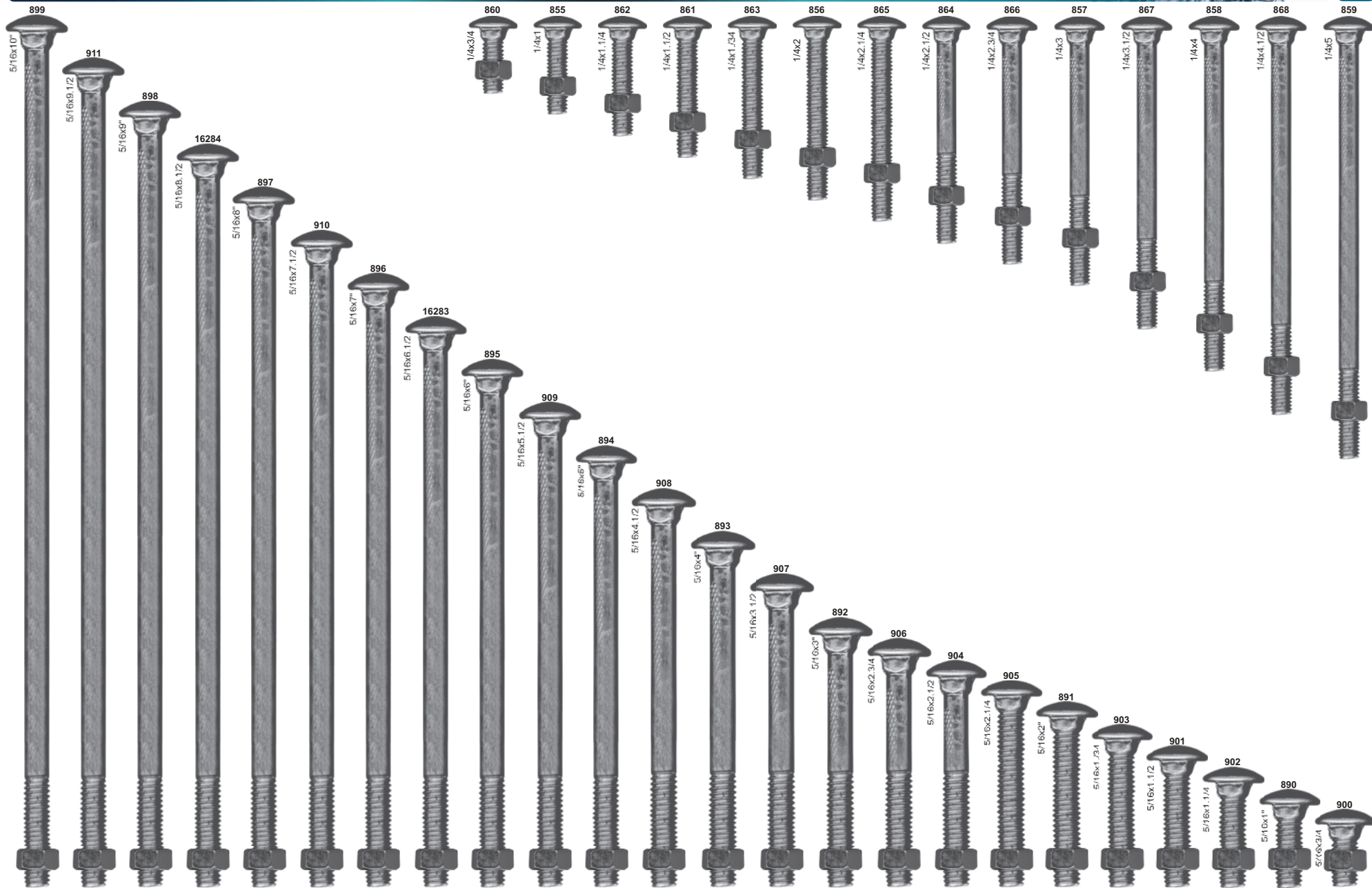


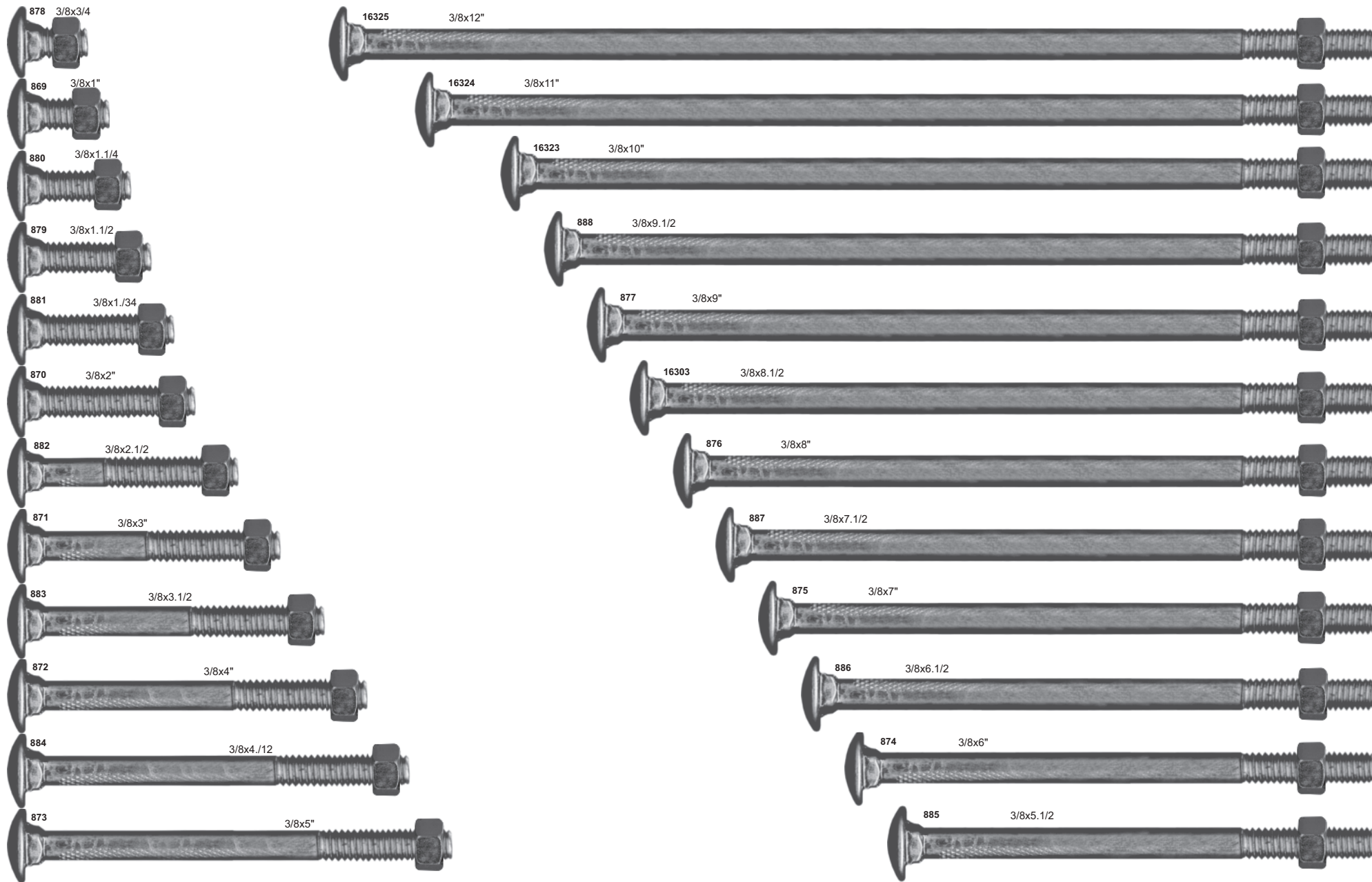
7/8

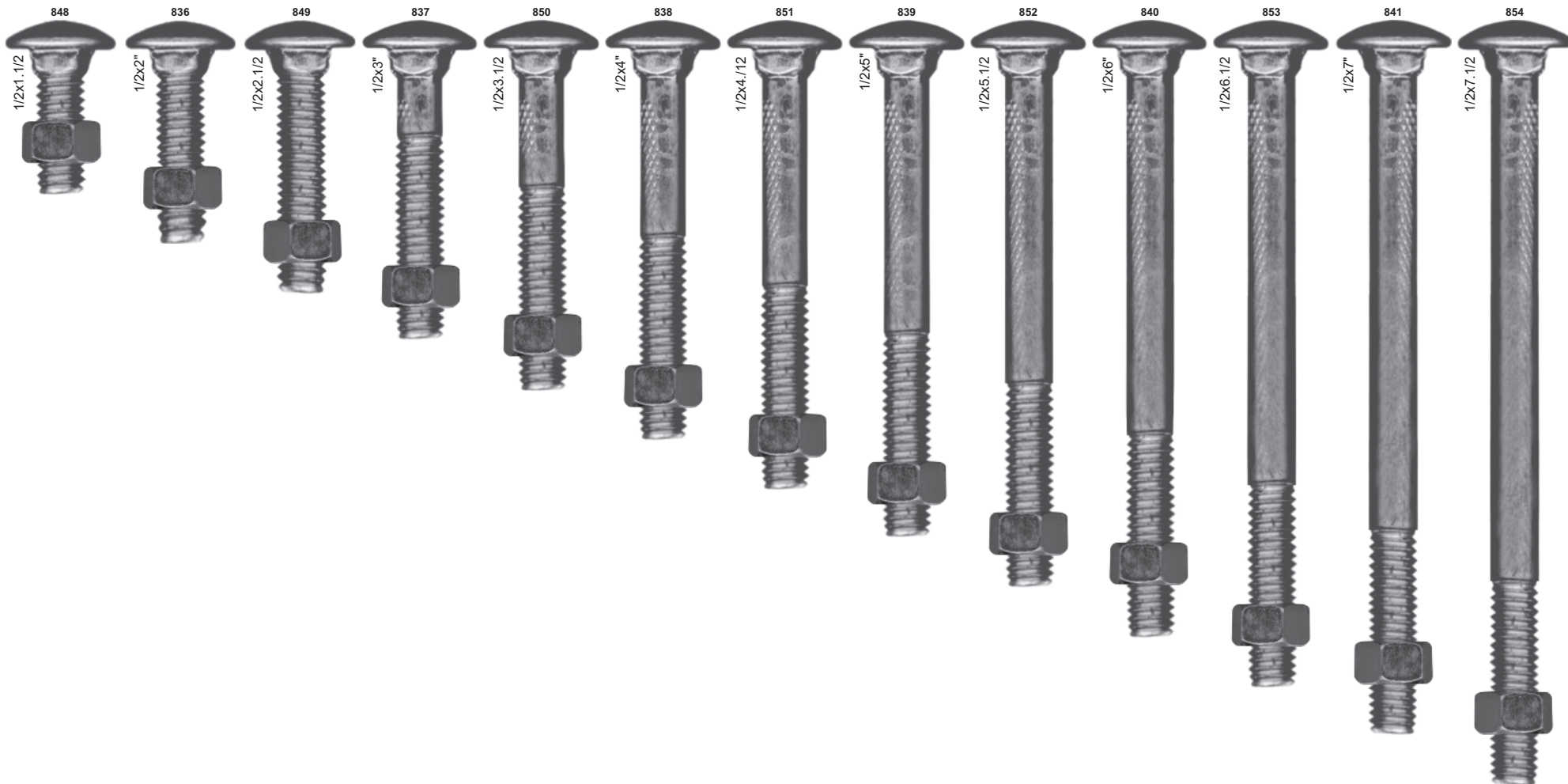
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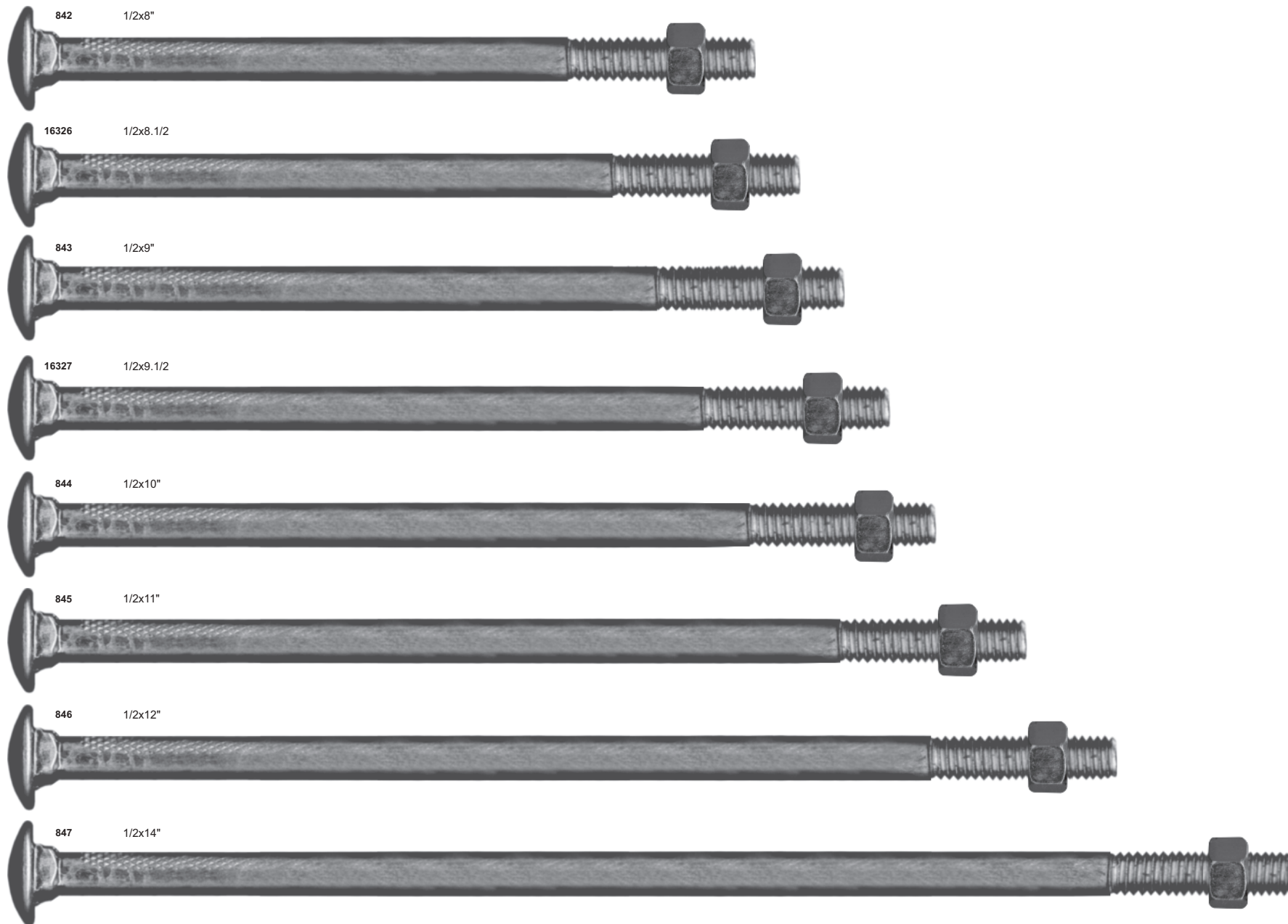
TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1"	8	1.1/2

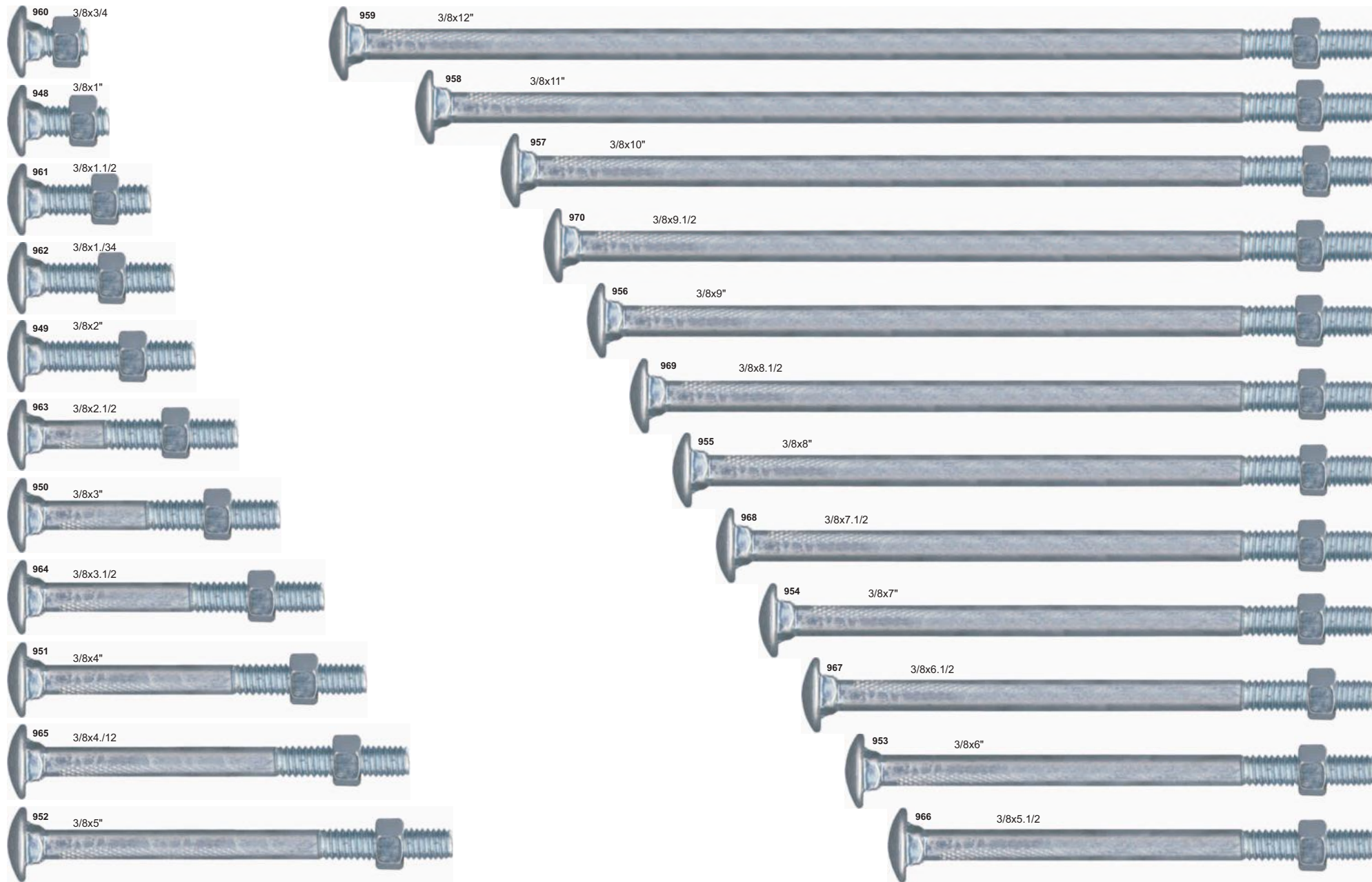


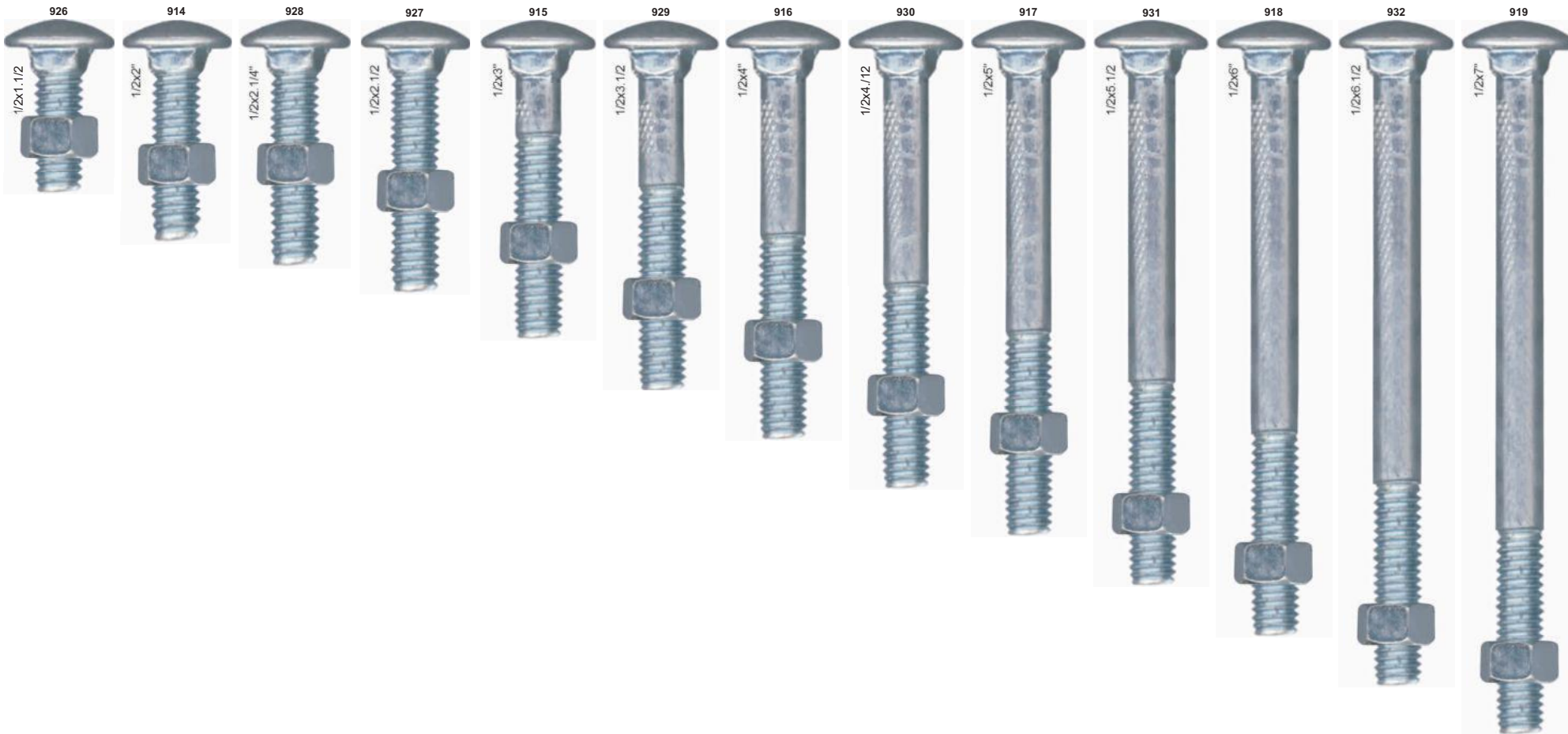


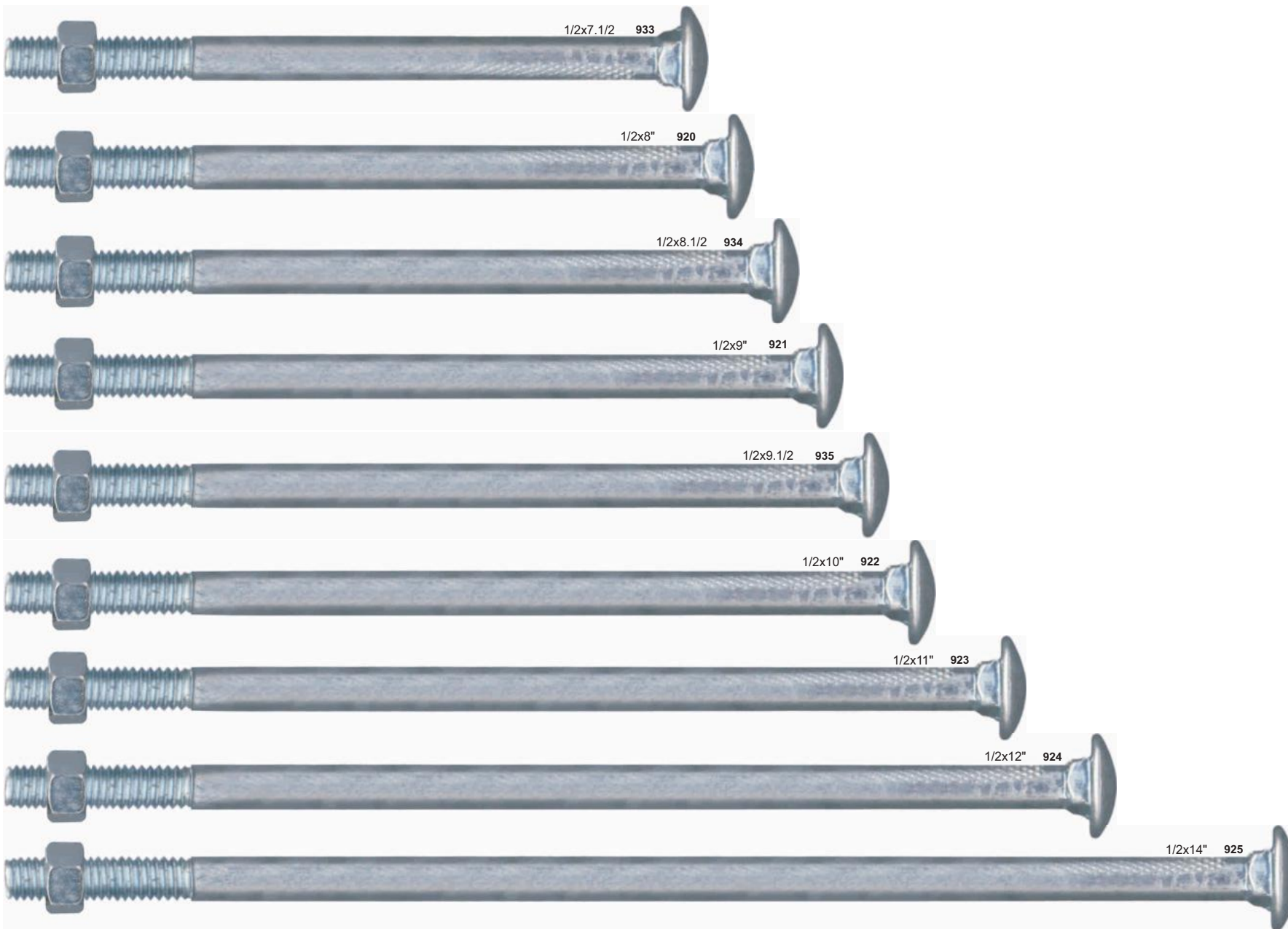


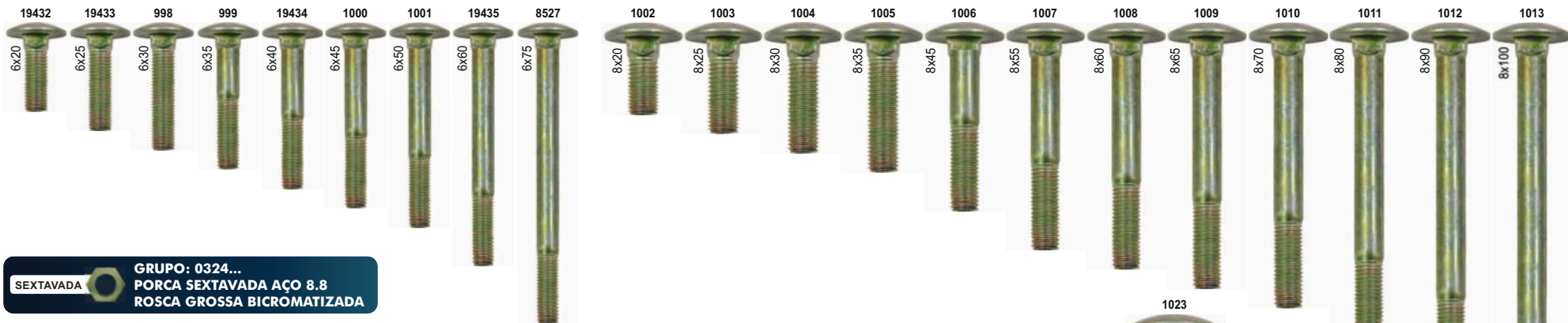












SEXTAVADA



GRUPO: 0324...
PORCA SEXTAVADA AÇO 8.8
ROSCA GROSSA BICROMATIZADA

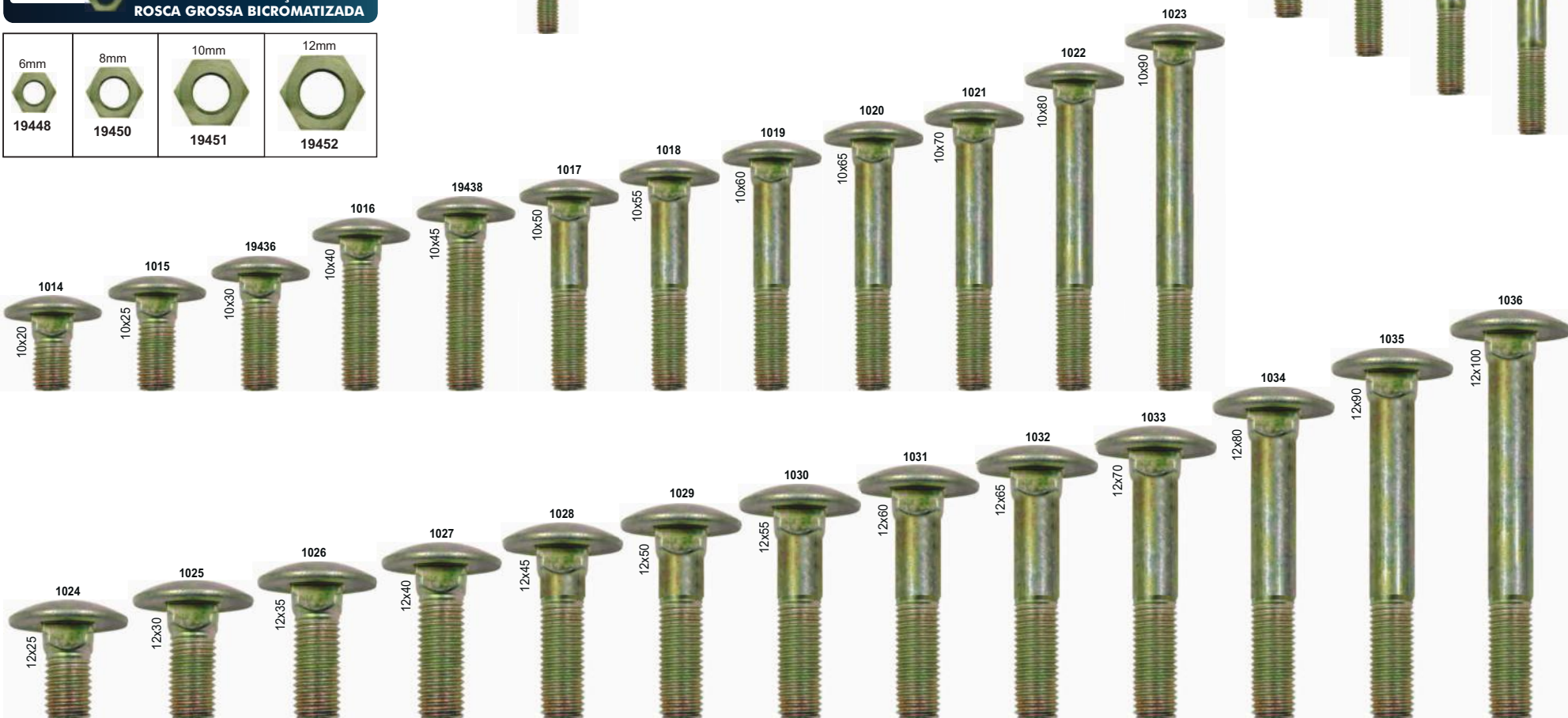
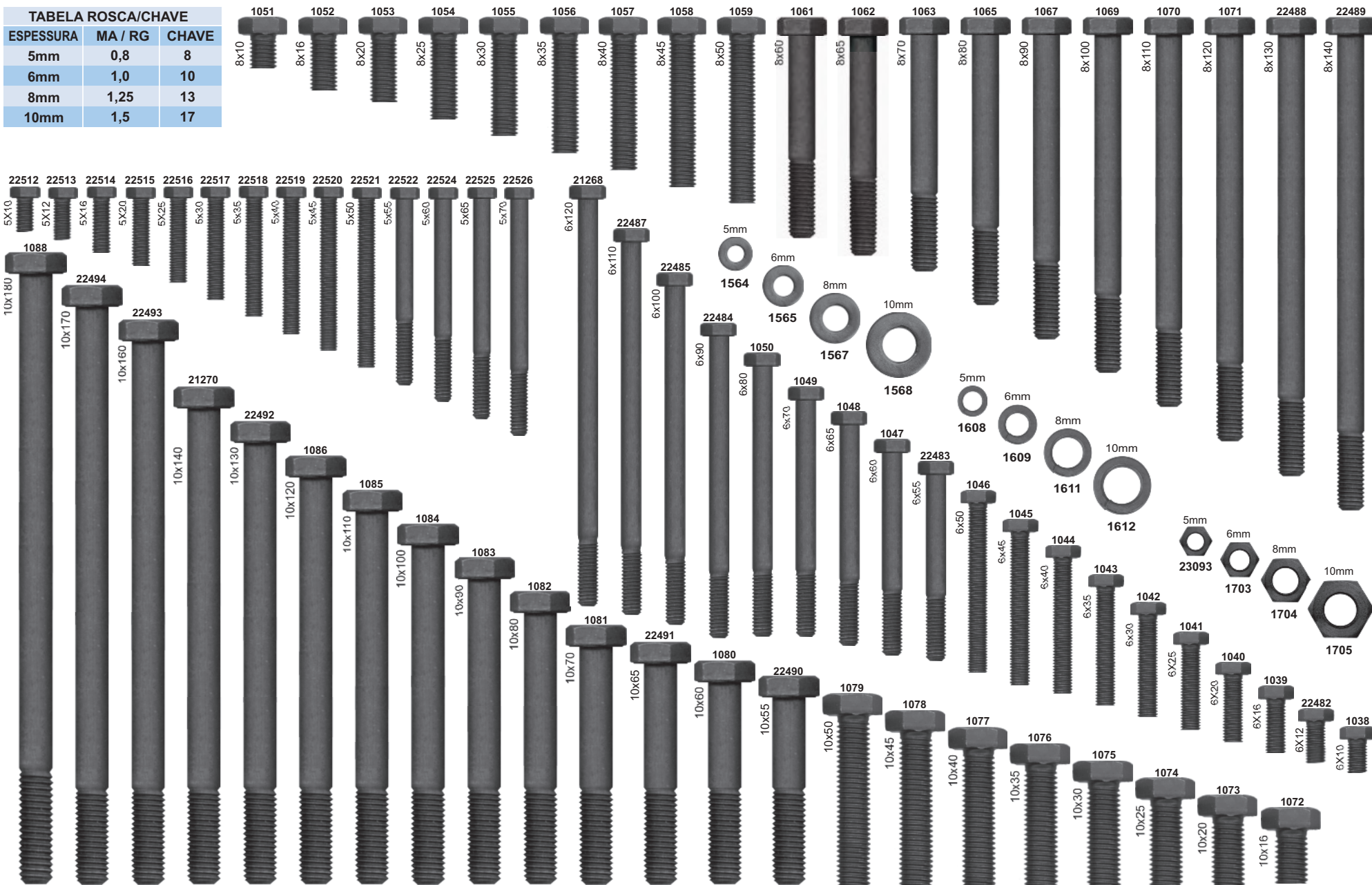


TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
5mm	0,8	8
6mm	1,0	10
8mm	1,25	13
10mm	1,5	17



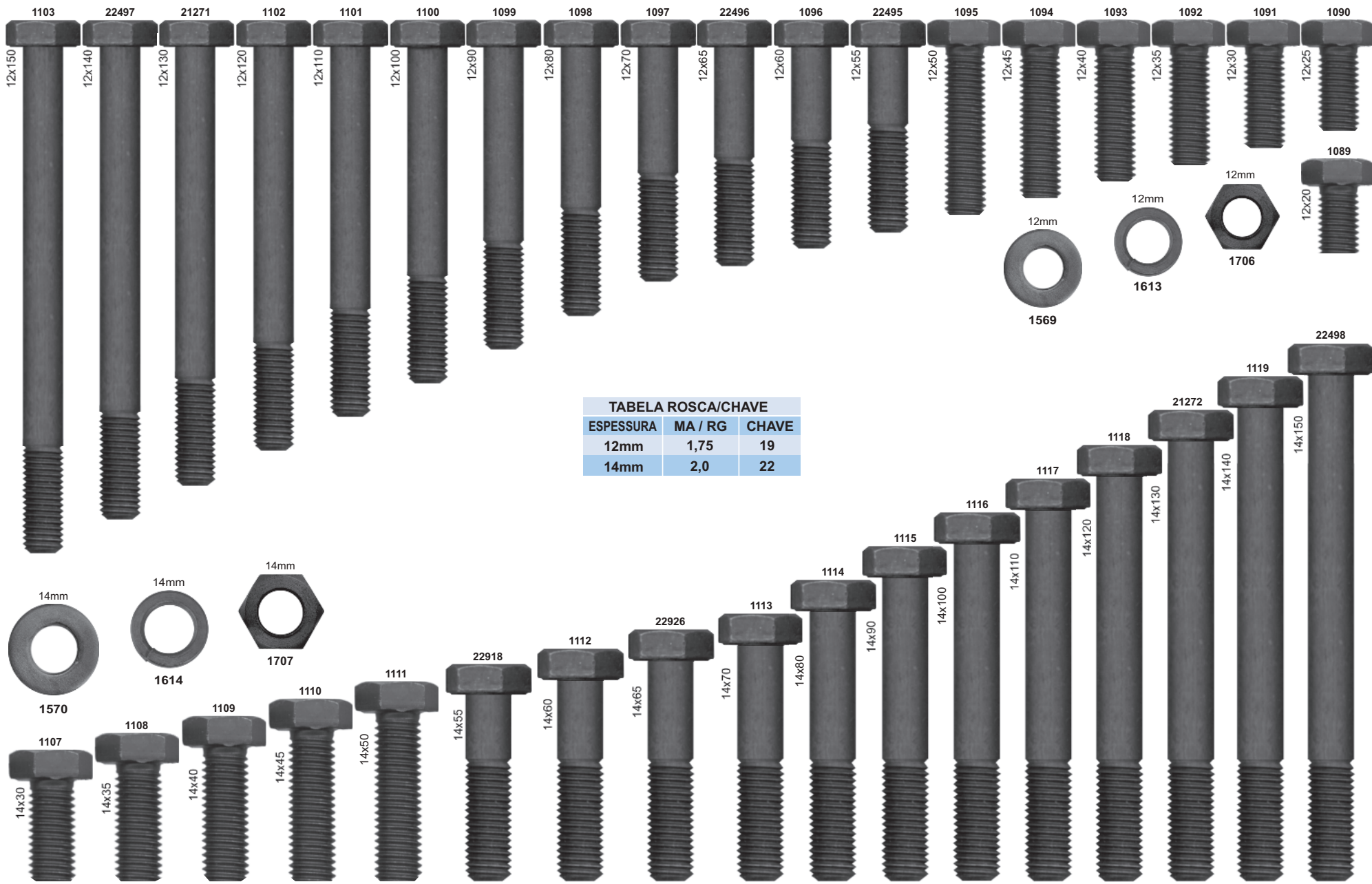


TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
12mm	1,75	19
14mm	2,0	22

1103 12x150
22497 12x140
21271 12x130
1102 12x120
1101 12x110
1100 12x100
1099 12x90
1098 12x80
1097 12x70
22496 12x65
1096 12x60
22495 12x55
1095 12x50
1094 12x45
1093 12x40
1092 12x35
1091 12x30
1090 12x25
1089 12x20
1706 12mm
1613 12mm
1569 12mm
22498 14x150
1119 14x140
21272 14x130
1118 14x120
1117 14x110
1116 14x100
1115 14x90
1114 14x80
1113 14x70
22926 14x65
1112 14x60
22918 14x55
1111 14x50
1110 14x45
1109 14x40
1108 14x35
1107 14x30
1707 14mm
1614 14mm
1570 14mm

TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
16mm	2,0	24

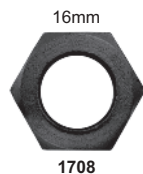
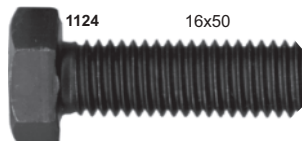
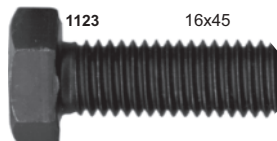
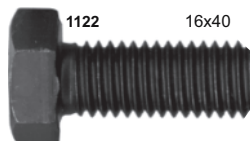
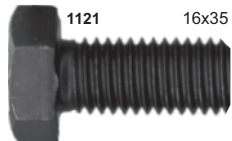
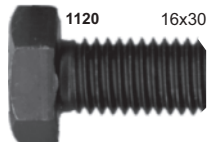
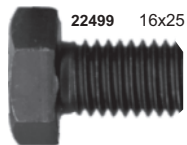


TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
18mm	2,5	27

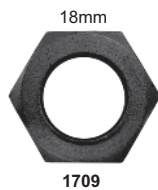
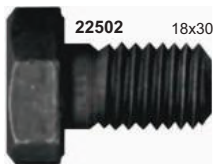


TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
20mm	2,5	30

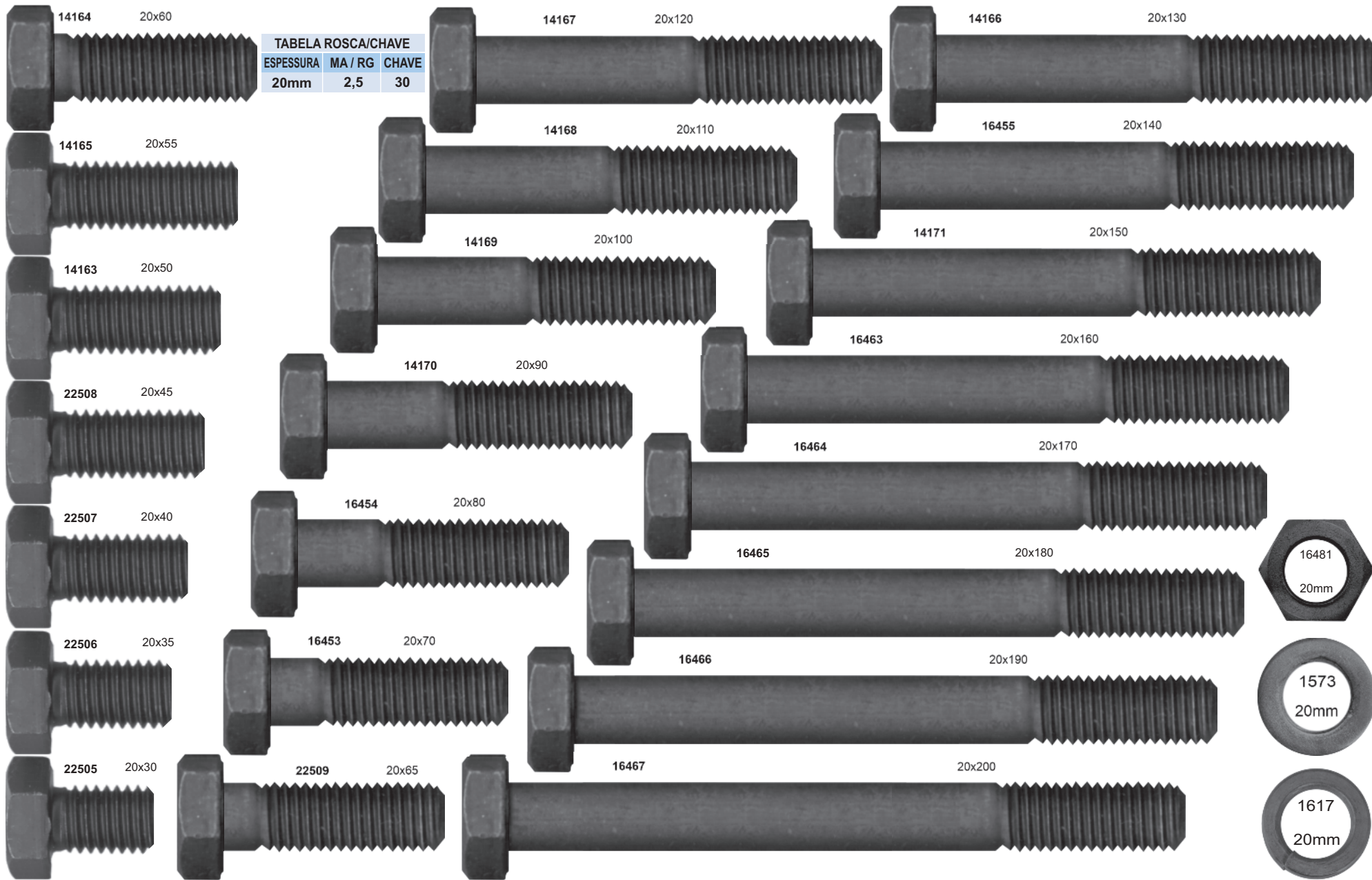
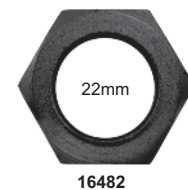
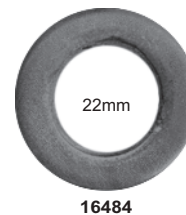




TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
22mm	2,5	32



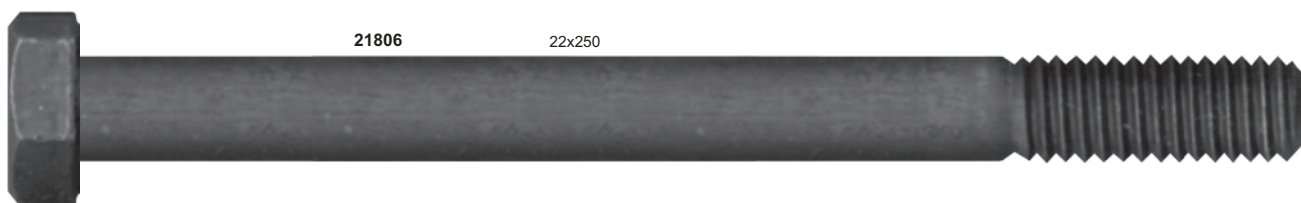
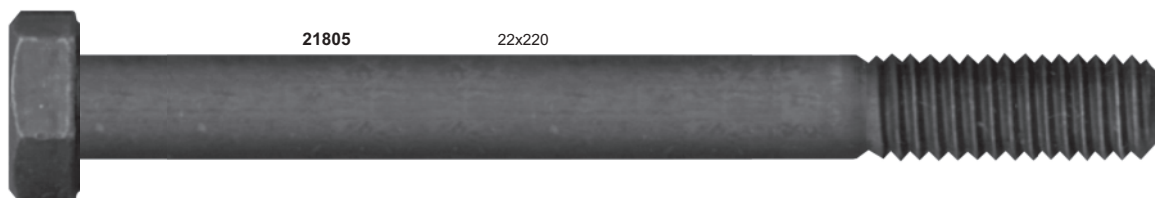
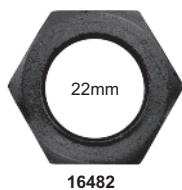
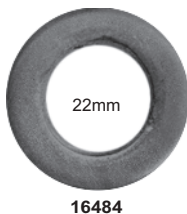
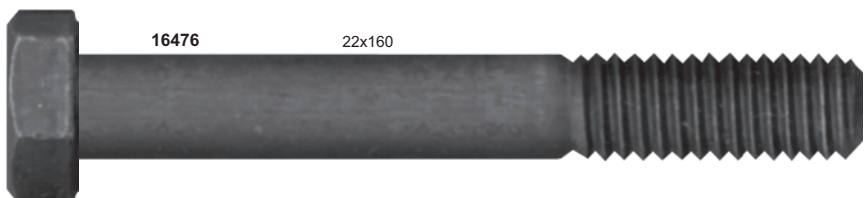
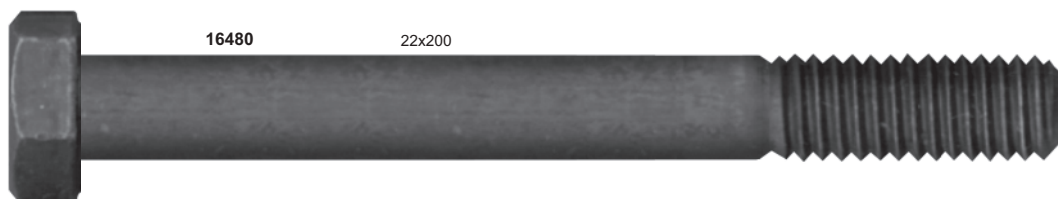
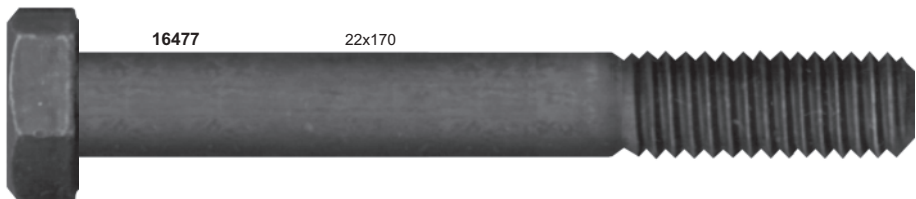
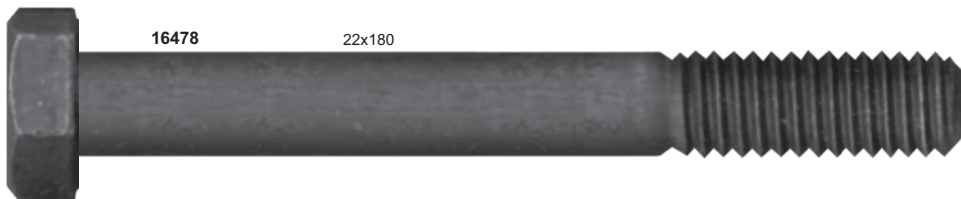


TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
22mm	2,5	32

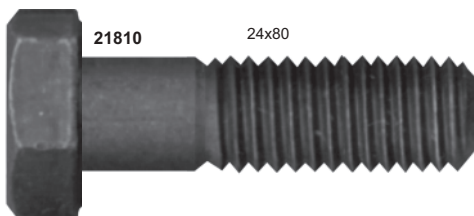
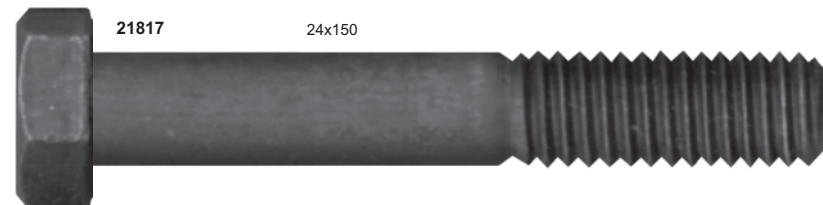
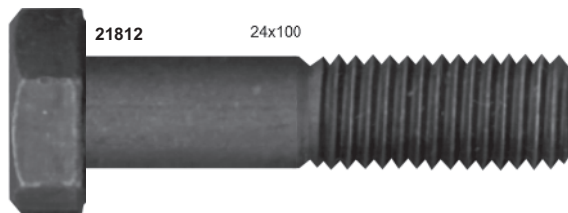
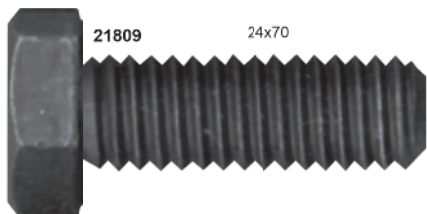
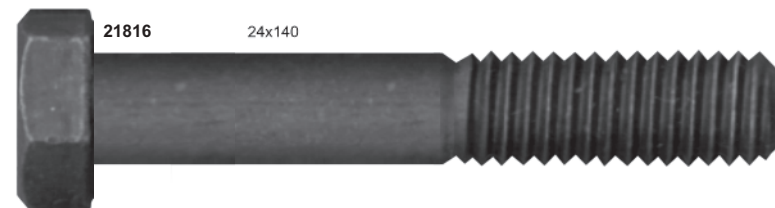
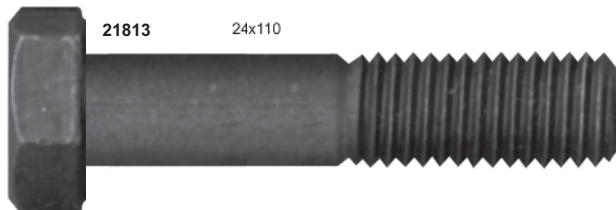
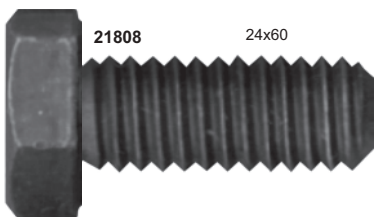
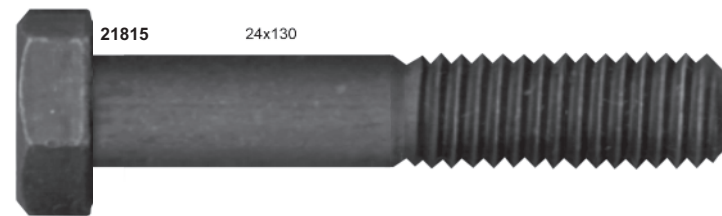
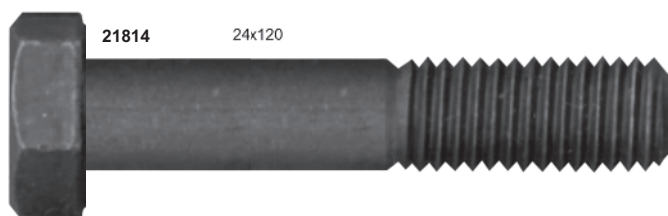
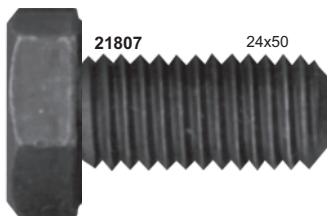


TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
24mm	3,00	36

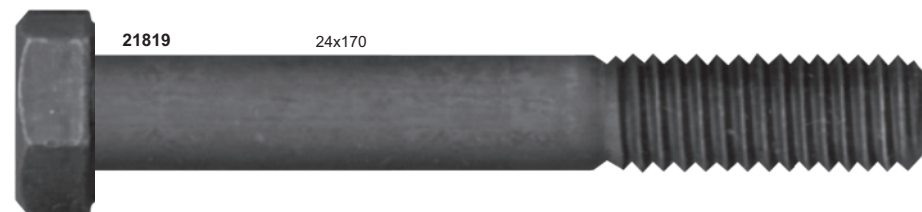
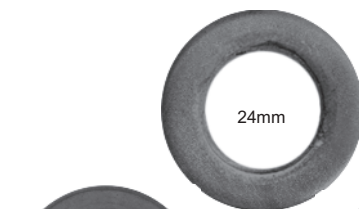
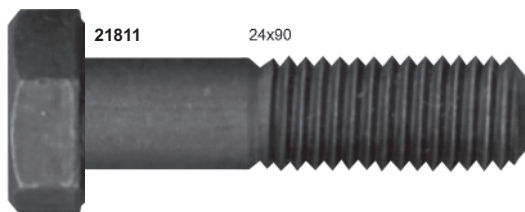
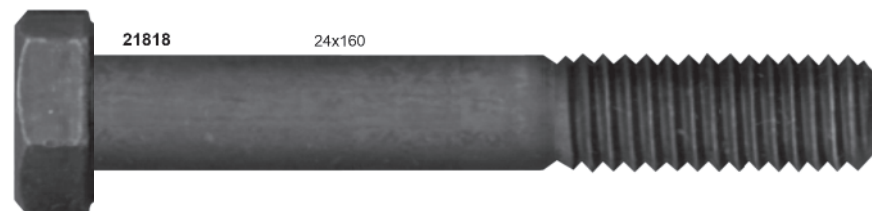
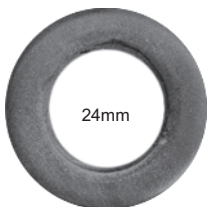


TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
24mm	3,00	36



24mm

23060



24mm

23070



24mm

22477



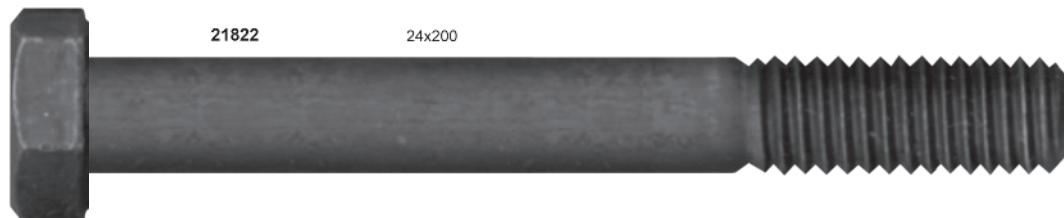
21820

24x180



21821

24x190



21822

24x200



21824

24x220

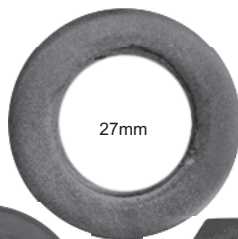
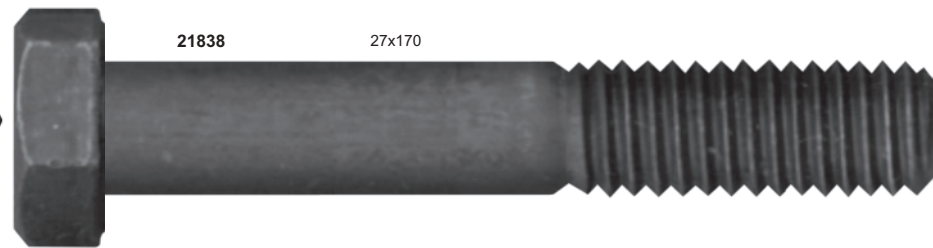
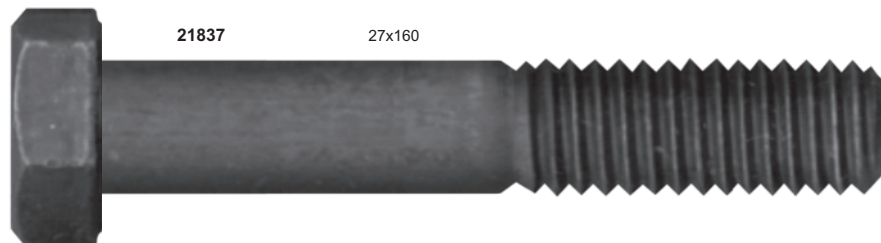
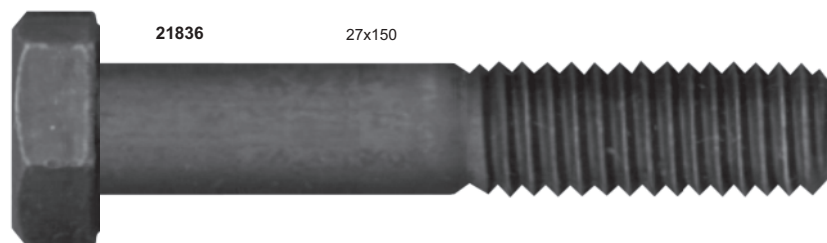
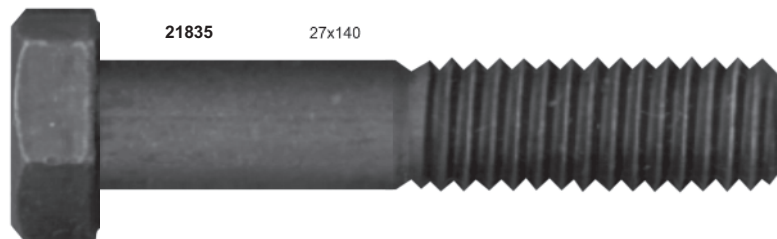
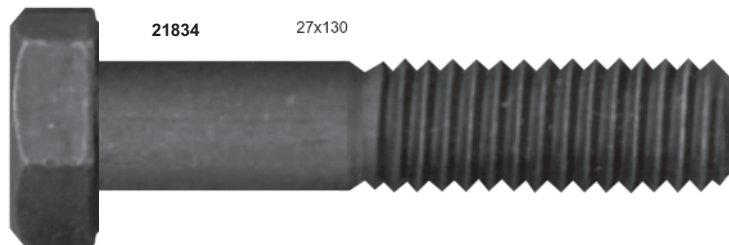
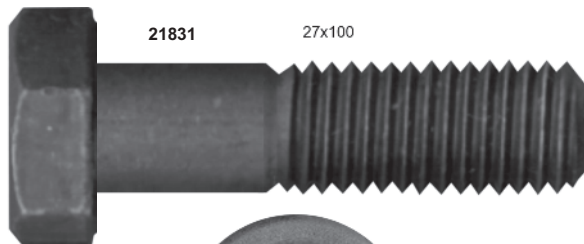
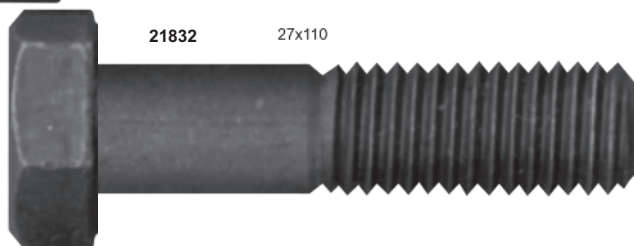
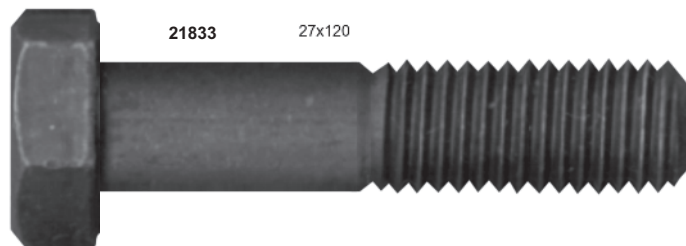
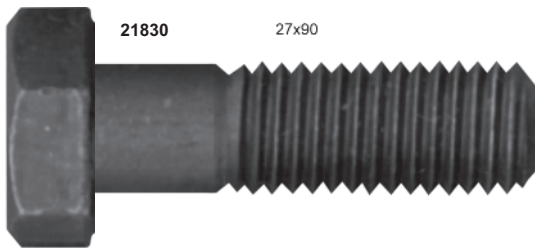
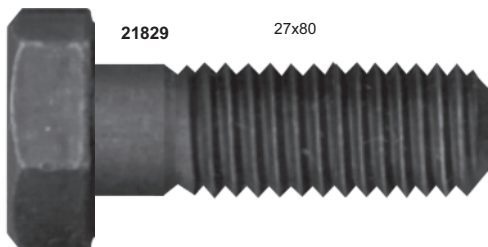
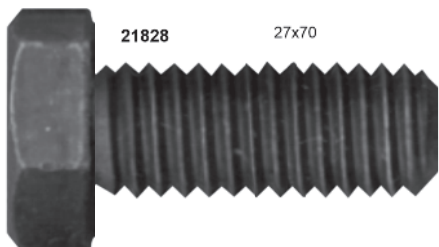
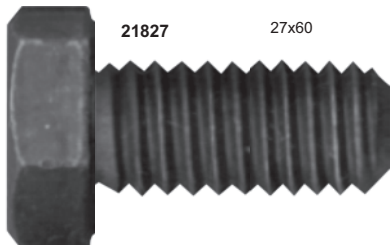
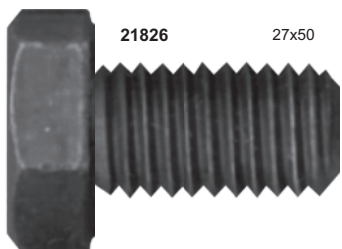


21825

24x250

TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
27mm	3,00	41



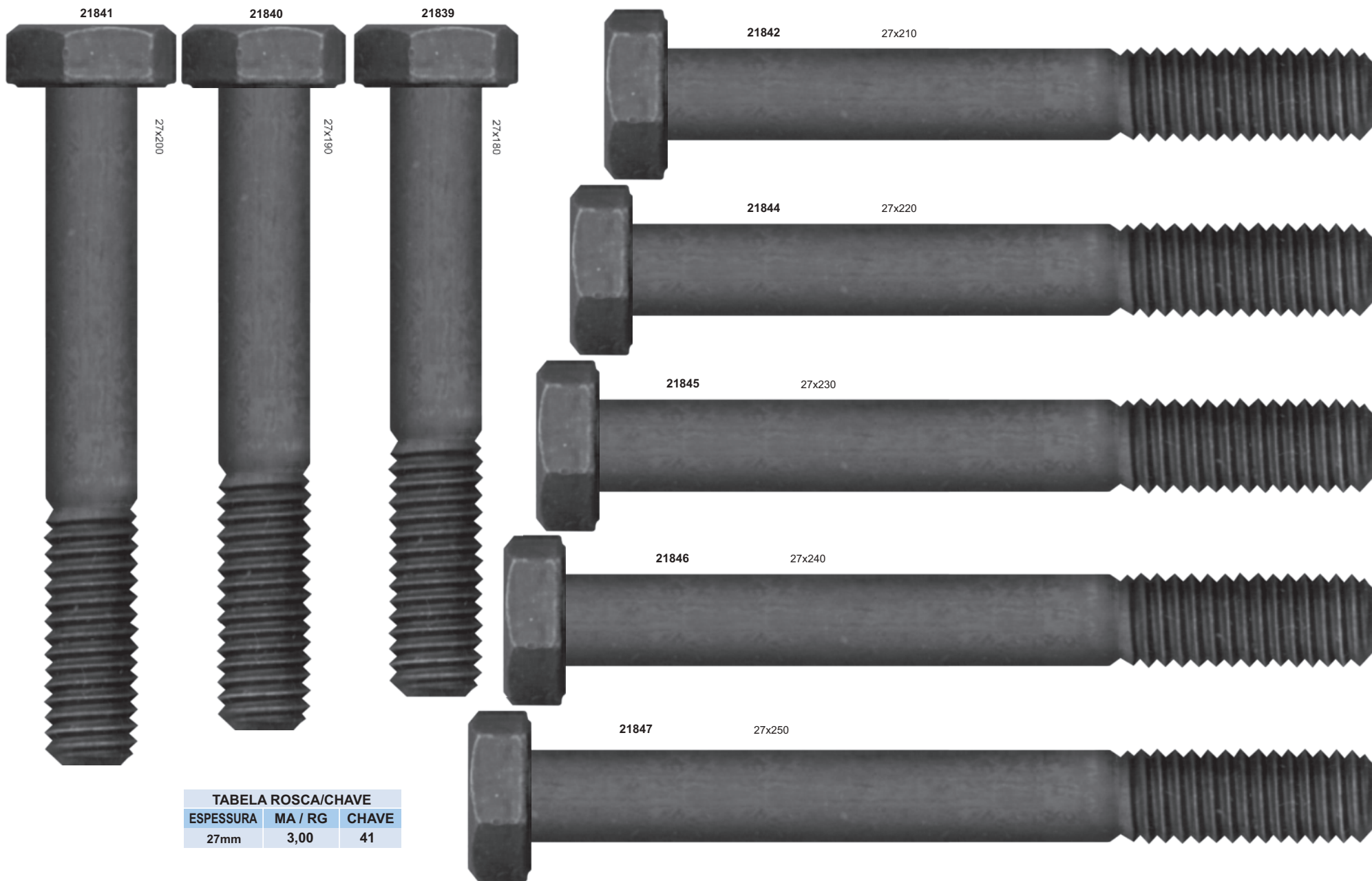


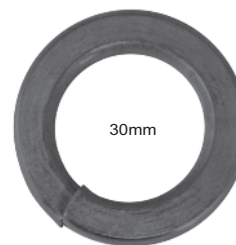
TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
27mm	3,00	41



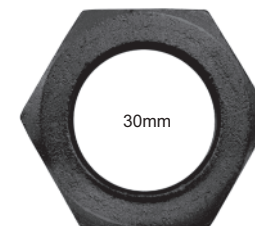
TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
30mm	3,50	46



23062



23072



22479



TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
30mm	3,50	46



30mm

23062



30mm

23072



30mm

22479



21865

30x220



21866

30x230



21867

30x240

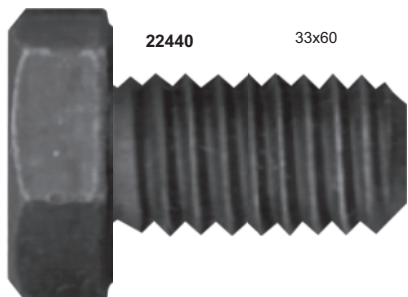


21868

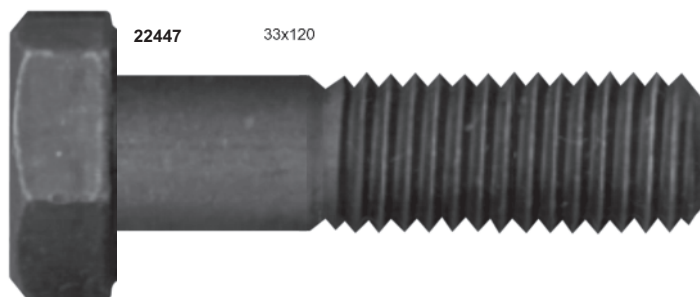
30x250

TABELA ROSCA/CHAVE

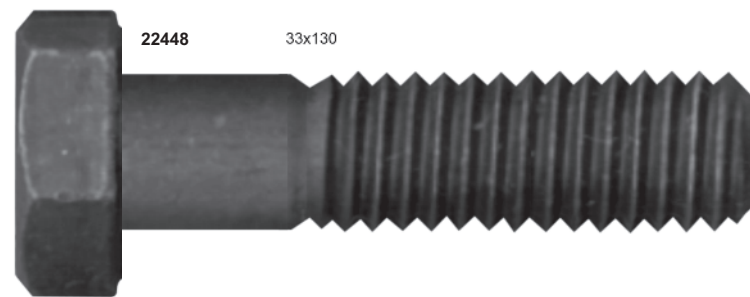
ESPESSURA	MA / RG	CHAVE
30mm	3,50	46



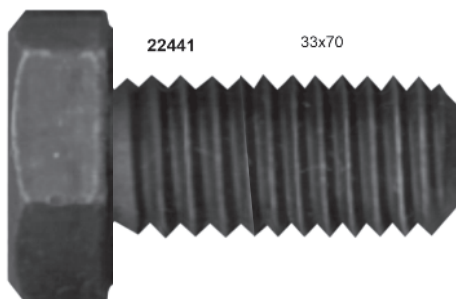
22440 33x60



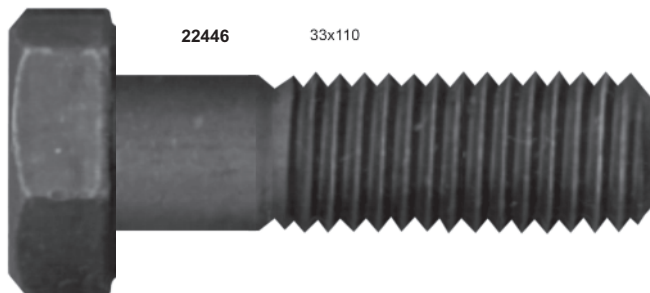
22447 33x120



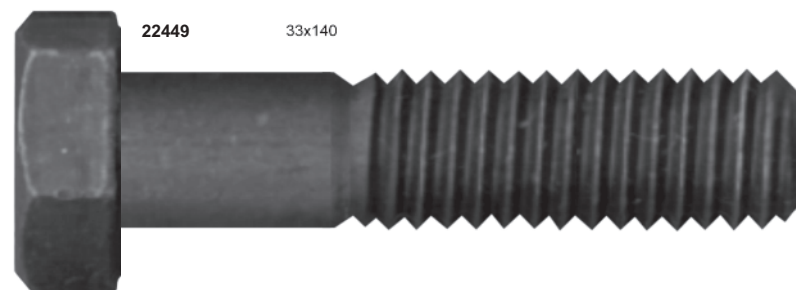
22448 33x130



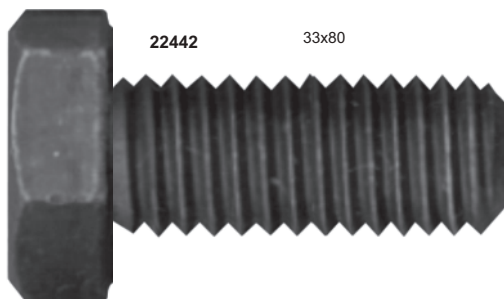
22441 33x70



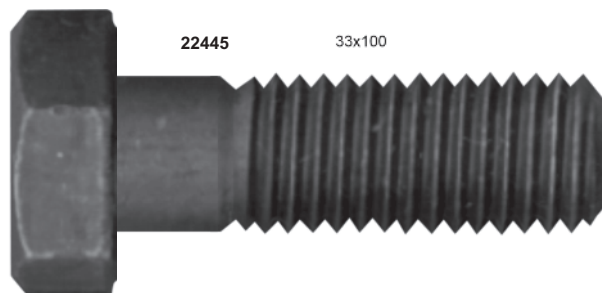
22446 33x110



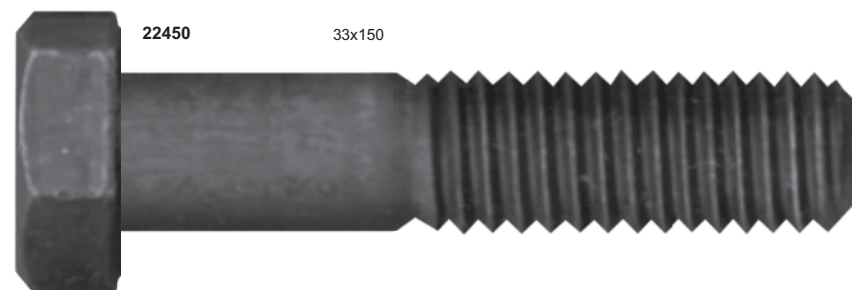
22449 33x140



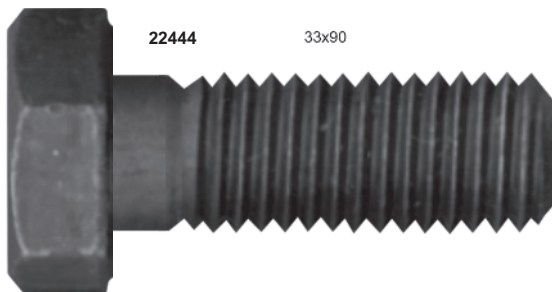
22442 33x80



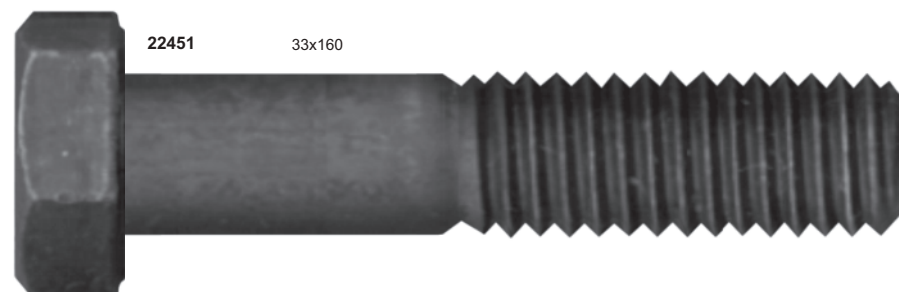
22445 33x100



22450 33x150

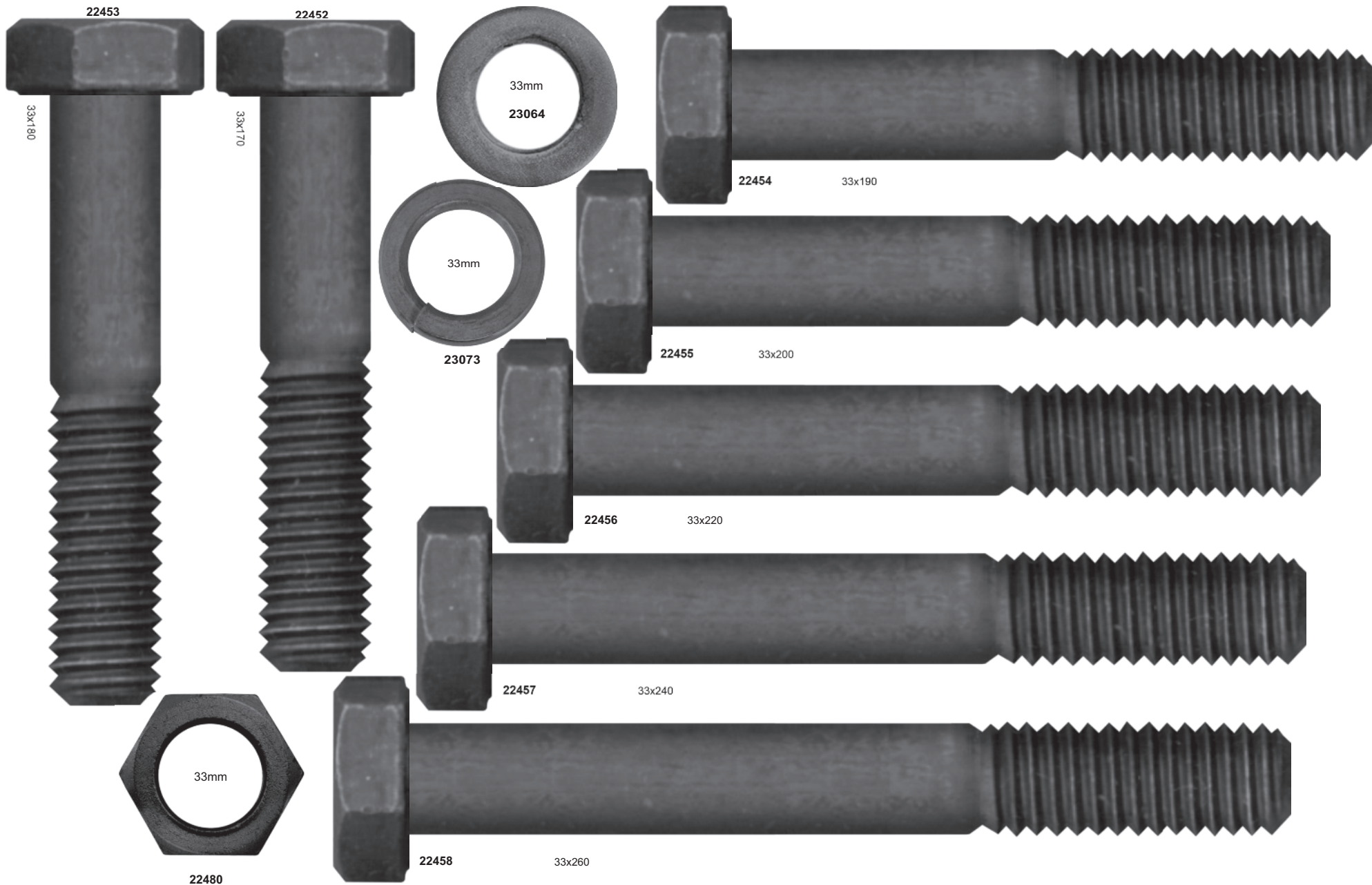


22444 33x90

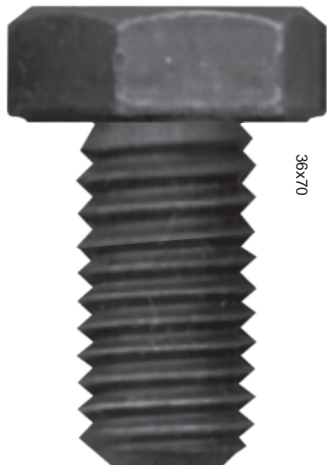


22451 33x160

TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
33mm	3,50	50

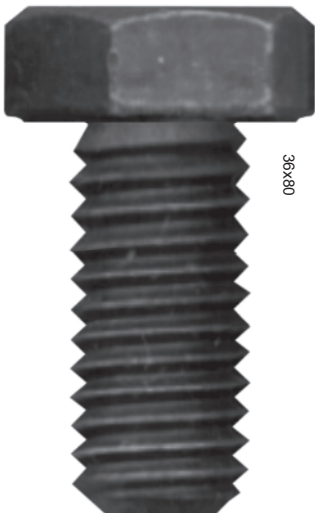


22459



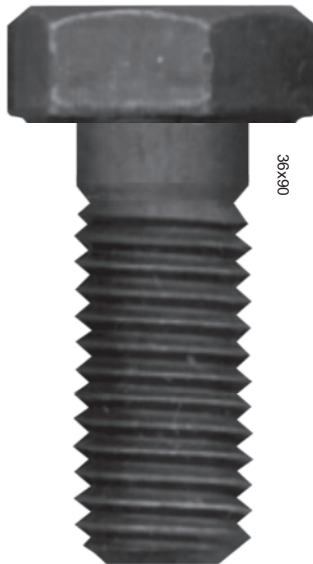
36x70

22460



36x80

22461



36x90

22462



36x100

22464



36x110

22465



36x120

22466



36x130

TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
36mm	4,00	55



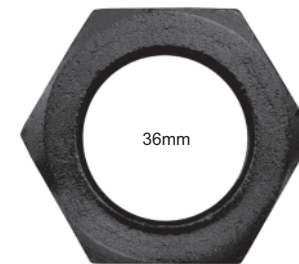
36mm

23065



36mm

23074



36mm

22481



22467

22468

22469

22470

22471

22472

36x140

36x150

36x160

36x170

36x180

36x190

36mm

36mm

36mm

23065

23074

22481

TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
36mm	4,00	55



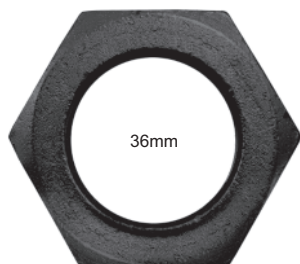
36mm

23065



36mm

23074



36mm

22481



22473

36x200



22474

36x220



22475

36x240



22476

36x260

TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
36mm	4,00	55



TABELA ROSCA/CHAVE

ESPESSURA	MB / RF	CHAVE
8mm	1,00	13

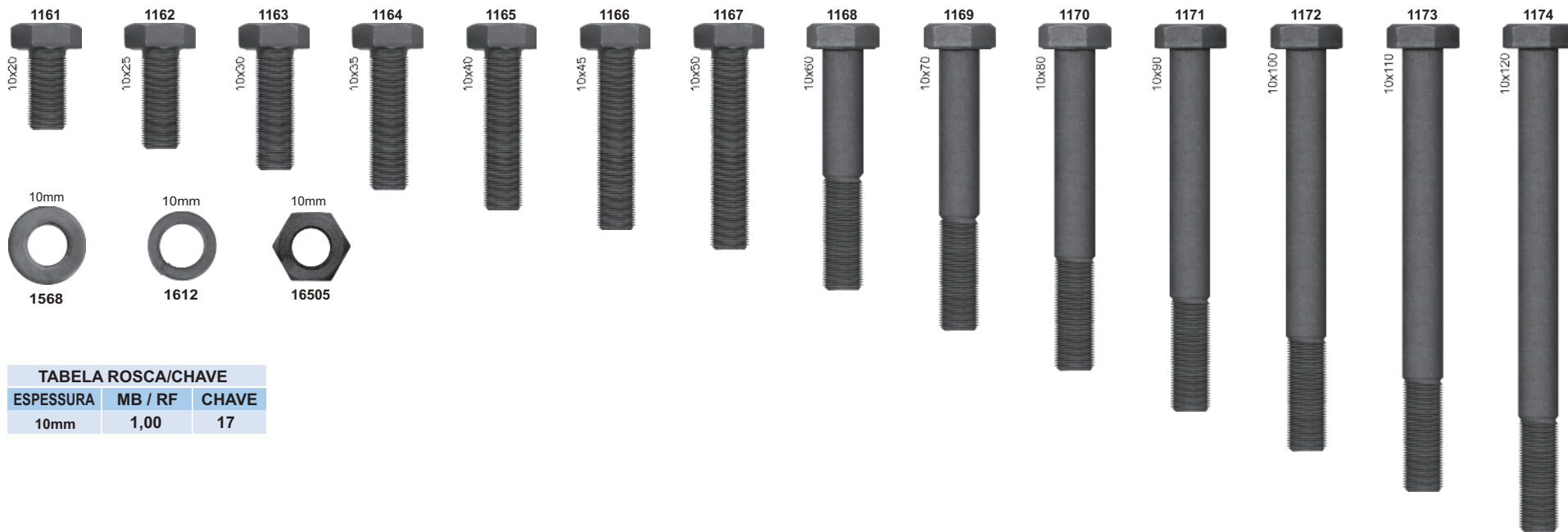


TABELA ROSCA/CHAVE

ESPESSURA	MB / RF	CHAVE
10mm	1,00	17

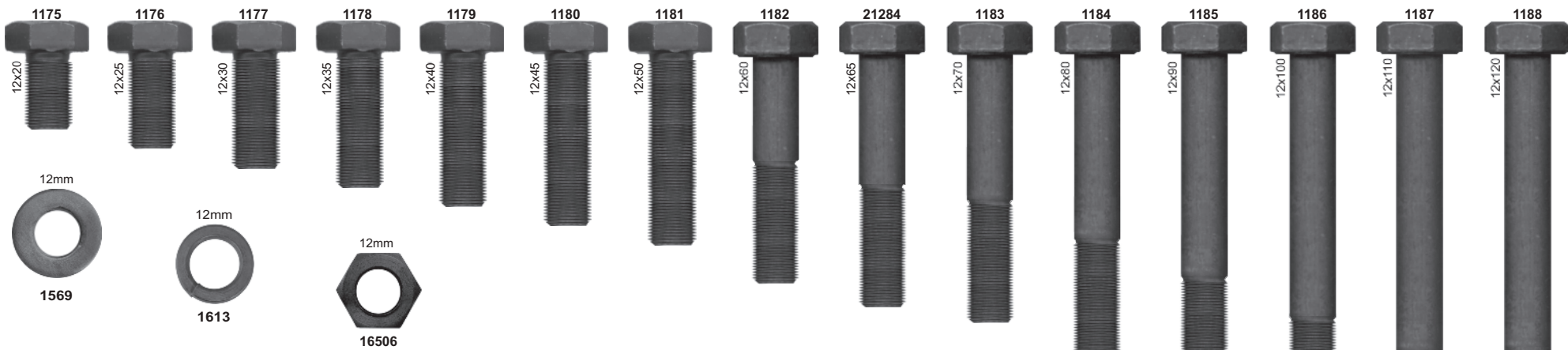
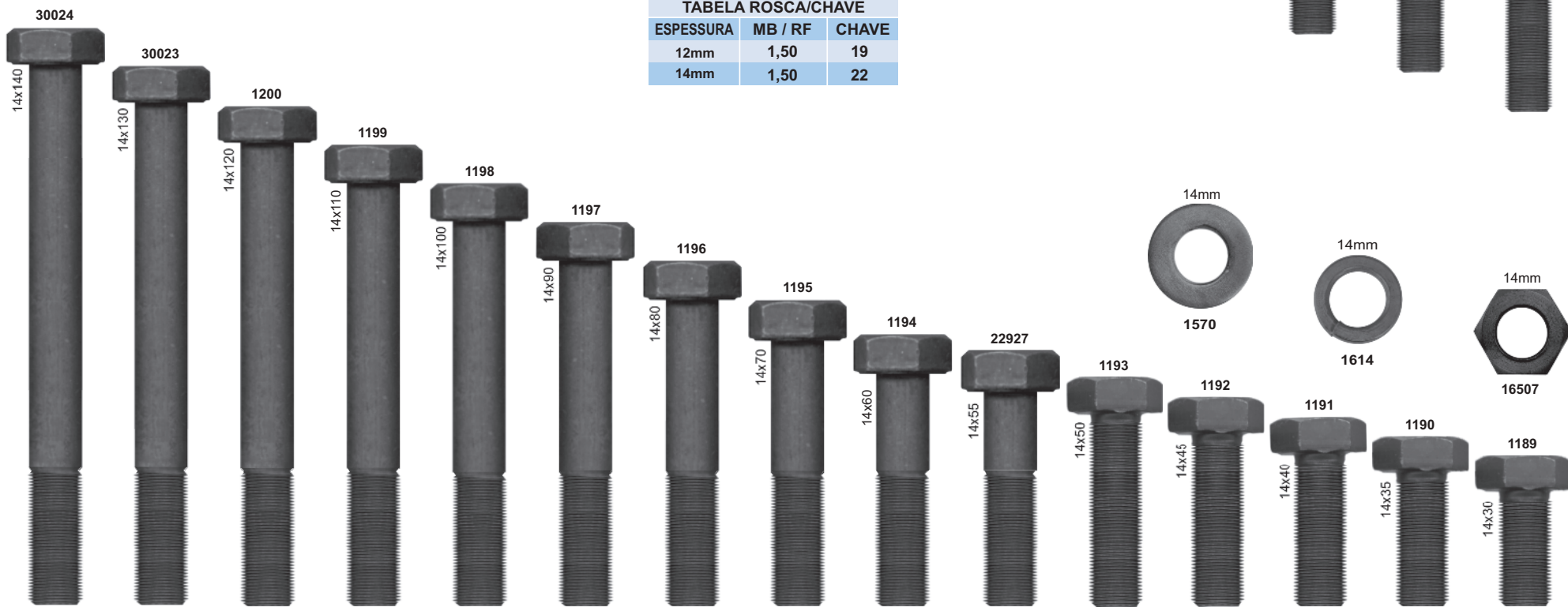
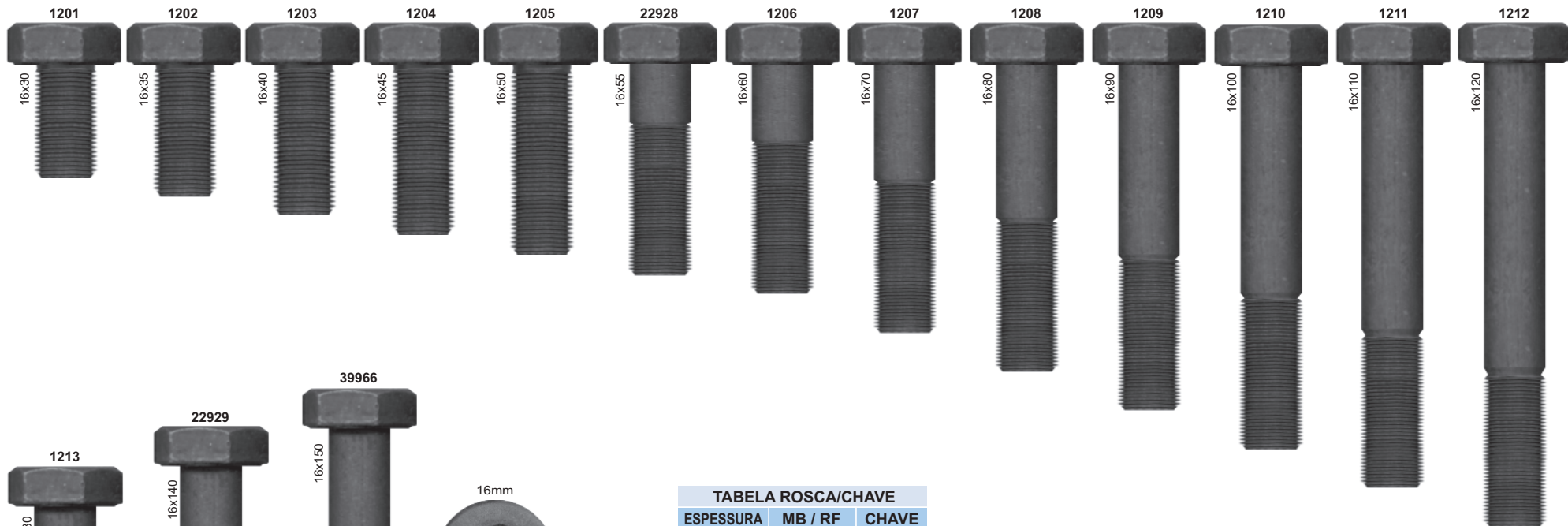


TABELA ROSCA/CHAVE		
ESPESSURA	MB / RF	CHAVE
12mm	1,50	19
14mm	1,50	22





1201
16x30

1202
16x35

1203
16x40

1204
16x45

1205
16x50

22928
16x55

1206
16x60

1207
16x70

1208
16x80

1209
16x90

1210
16x100

1211
16x110

1212
16x120

1213
16x130

22929
16x140

39966
16x150

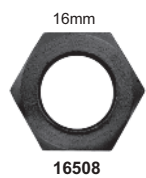
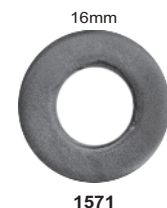


TABELA ROSCA/CHAVE		
ESPESSURA	MB / RF	CHAVE
16mm	1,50	24

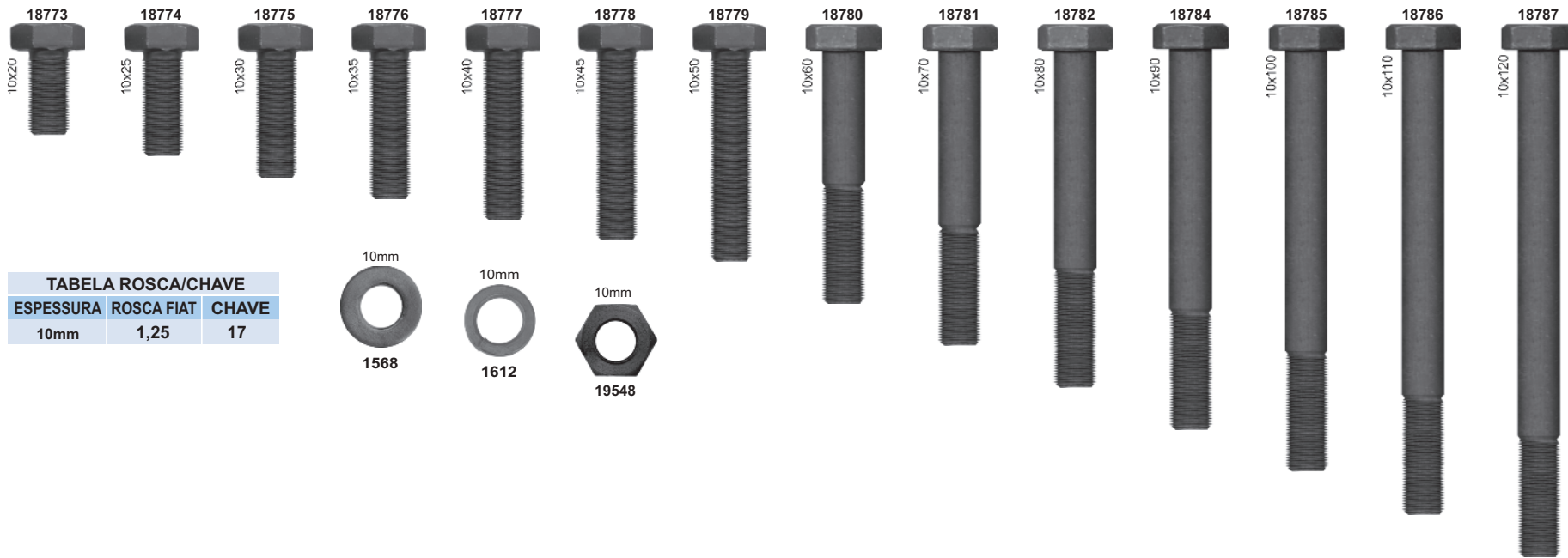


TABELA ROSCA/CHAVE		
ESPESSURA	ROSCA FIAT	CHAVE
10mm	1,25	17

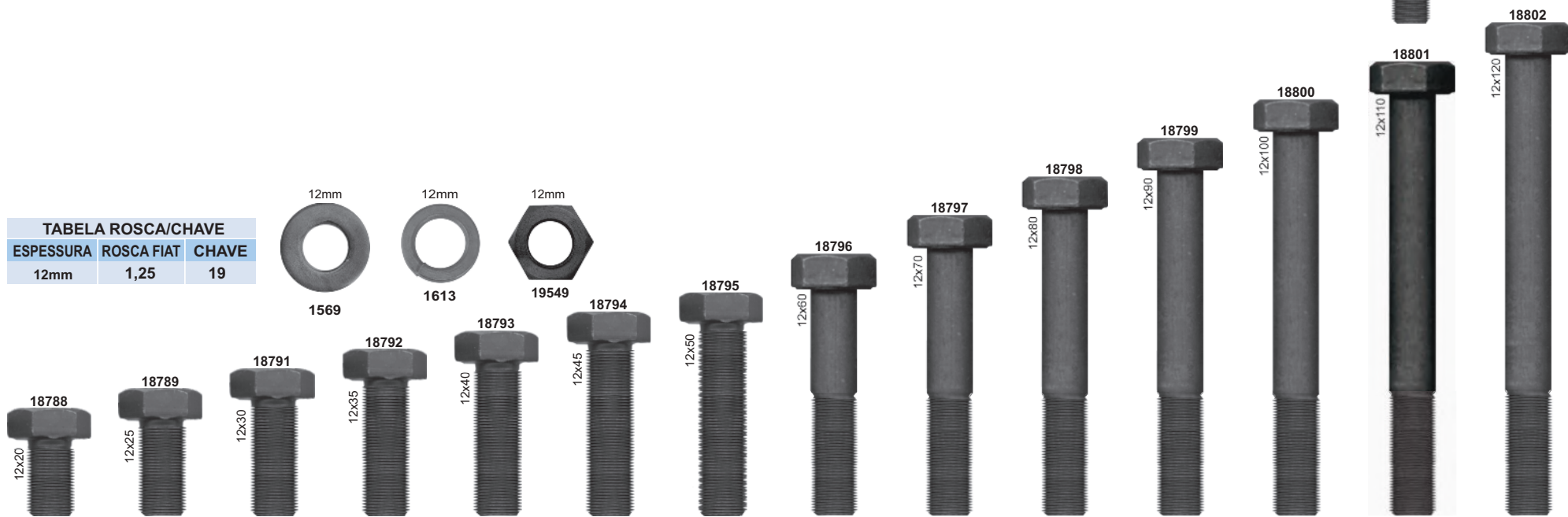


TABELA ROSCA/CHAVE		
ESPESSURA	ROSCA FIAT	CHAVE
12mm	1,25	19



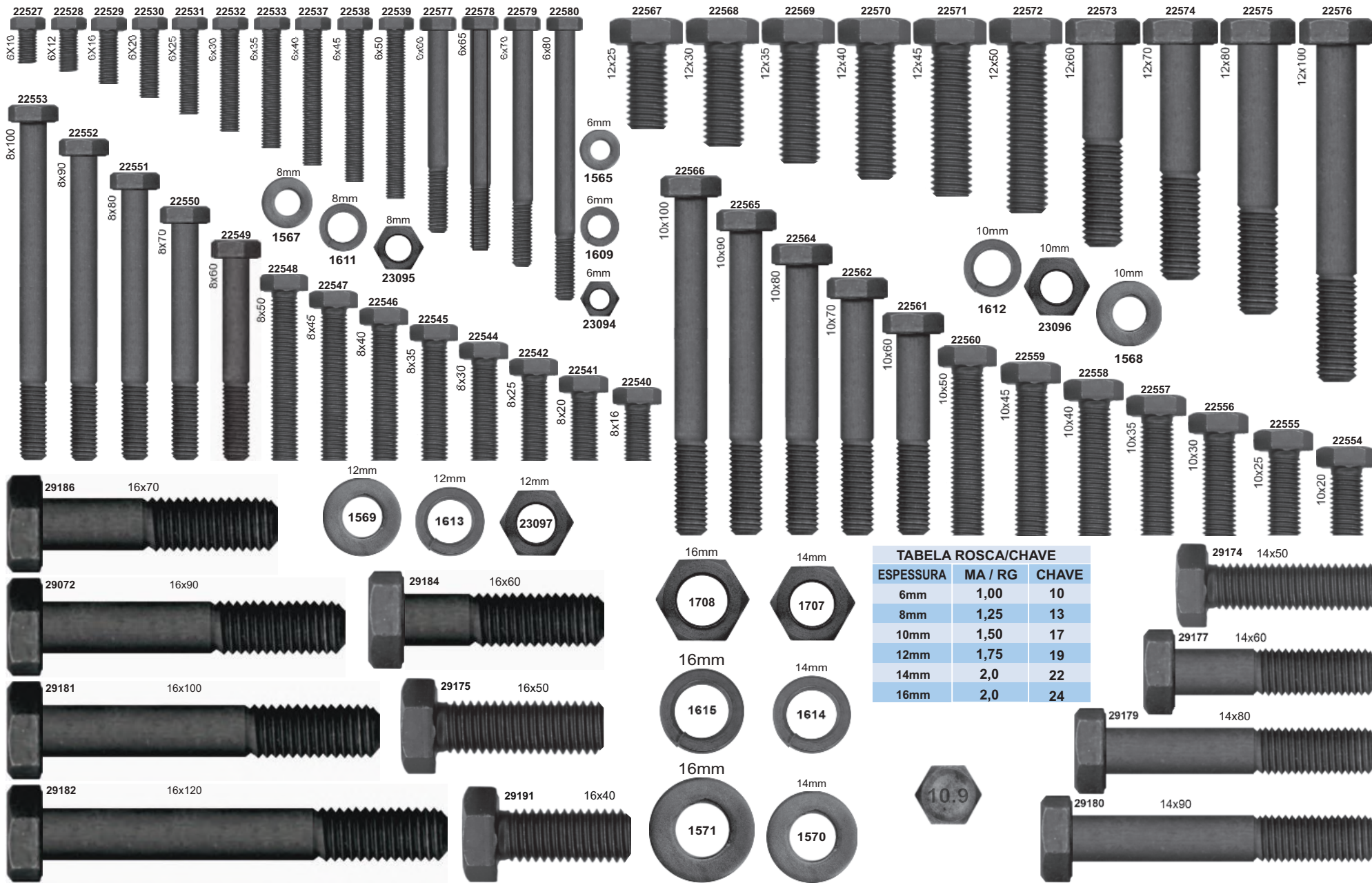


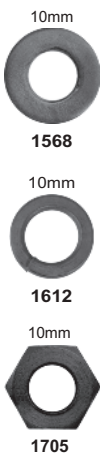
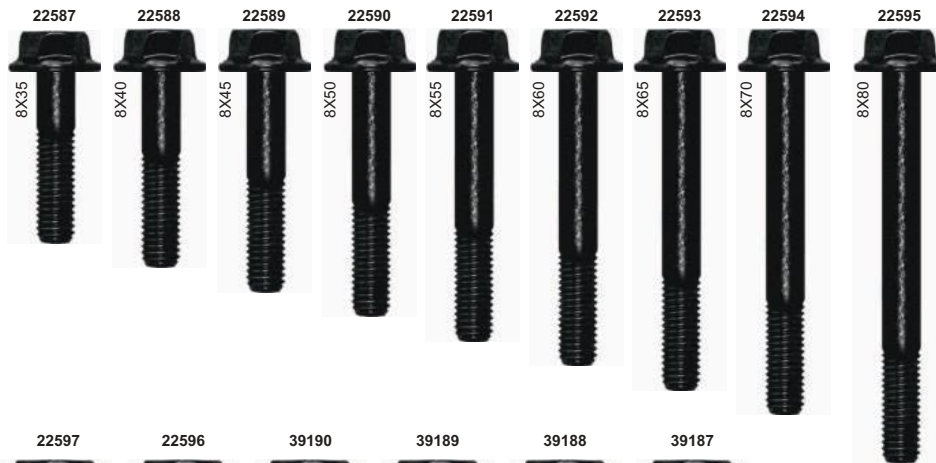
TABELA ROSCA/CHAVE

ESPESSURA	MA / RG	CHAVE
6mm	1,00	10
8mm	1,25	13
10mm	1,50	17
12mm	1,75	19
14mm	2,0	22
16mm	2,0	24





TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
6mm	1,00	10
8mm	1,25	13
10mm	1,50	15
12mm	1,75	16



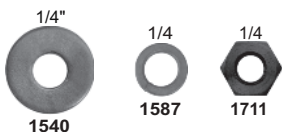
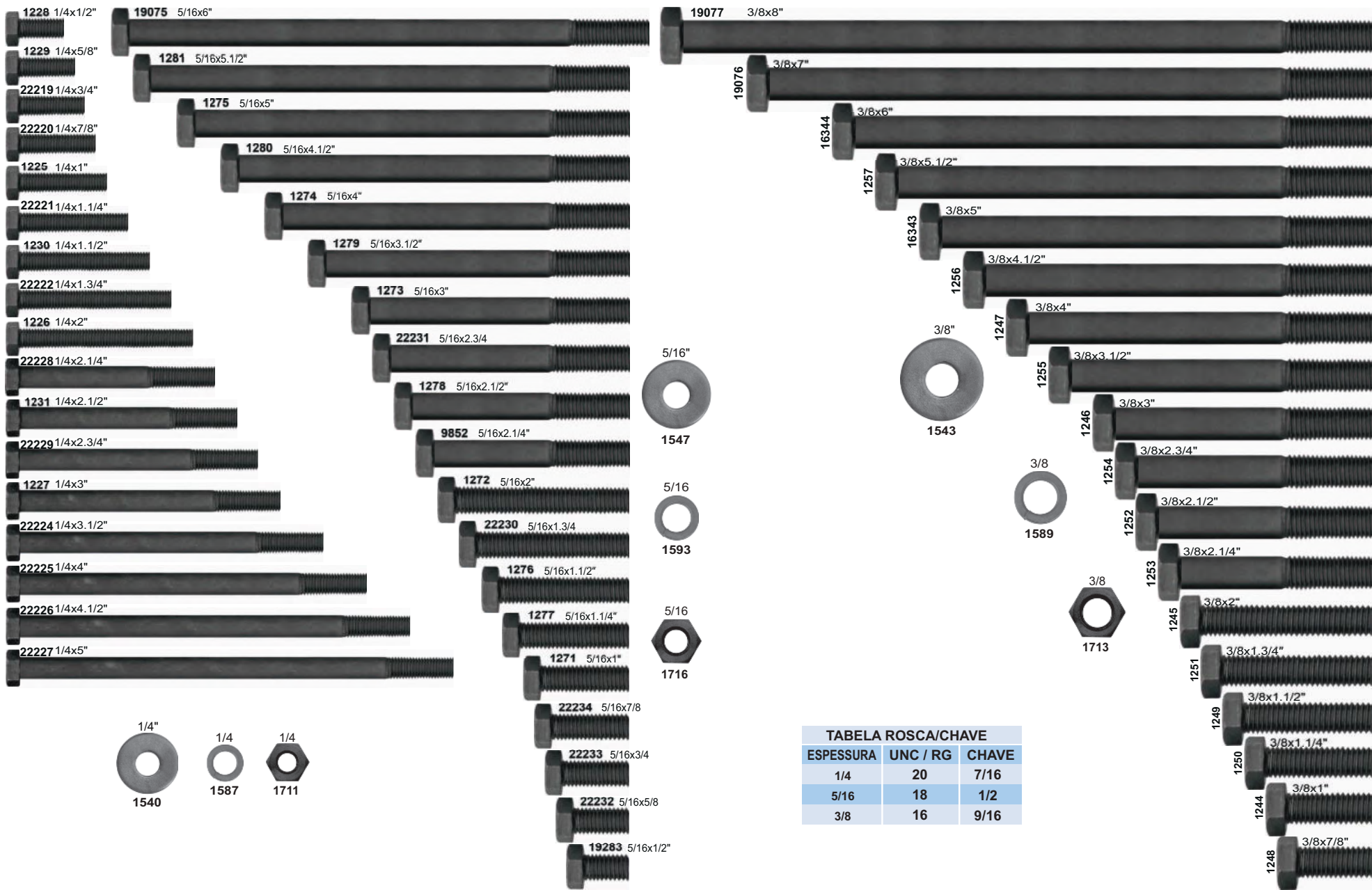


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/4	20	7/16
5/16	18	1/2
3/8	16	9/16

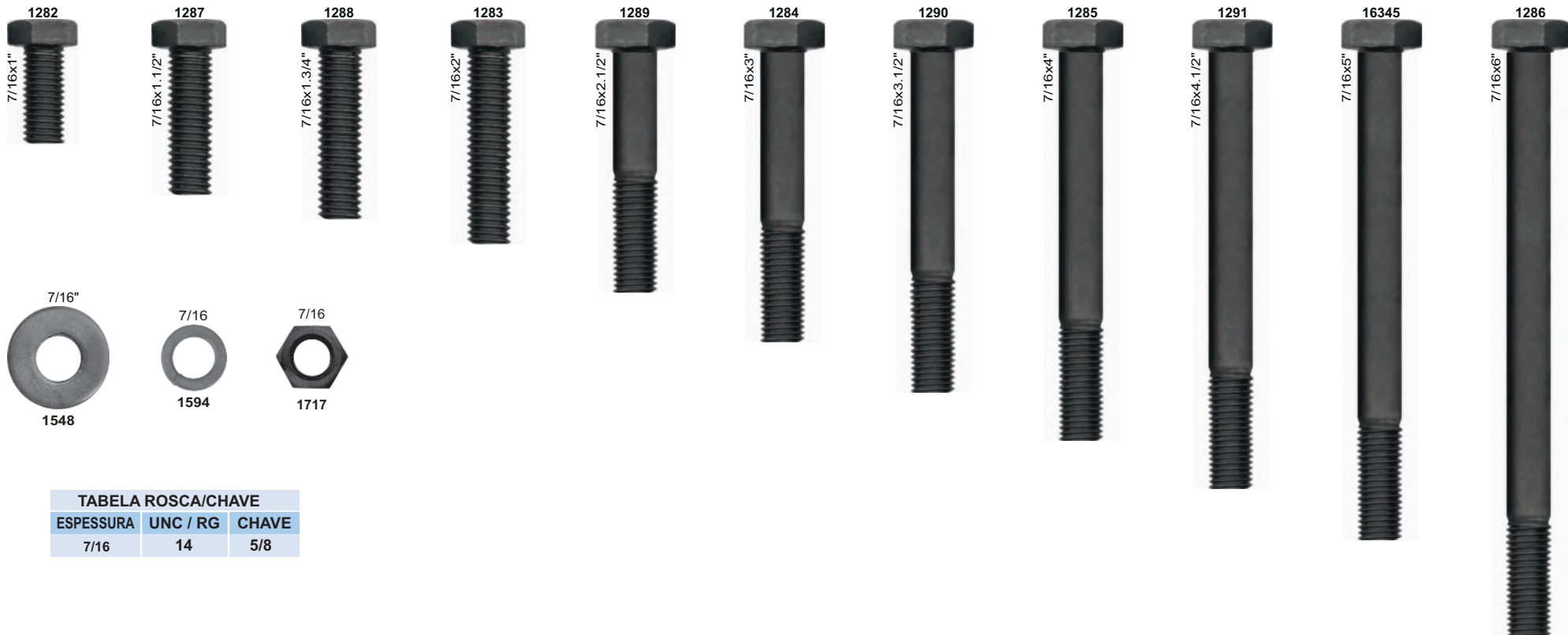


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
7/16	14	5/8

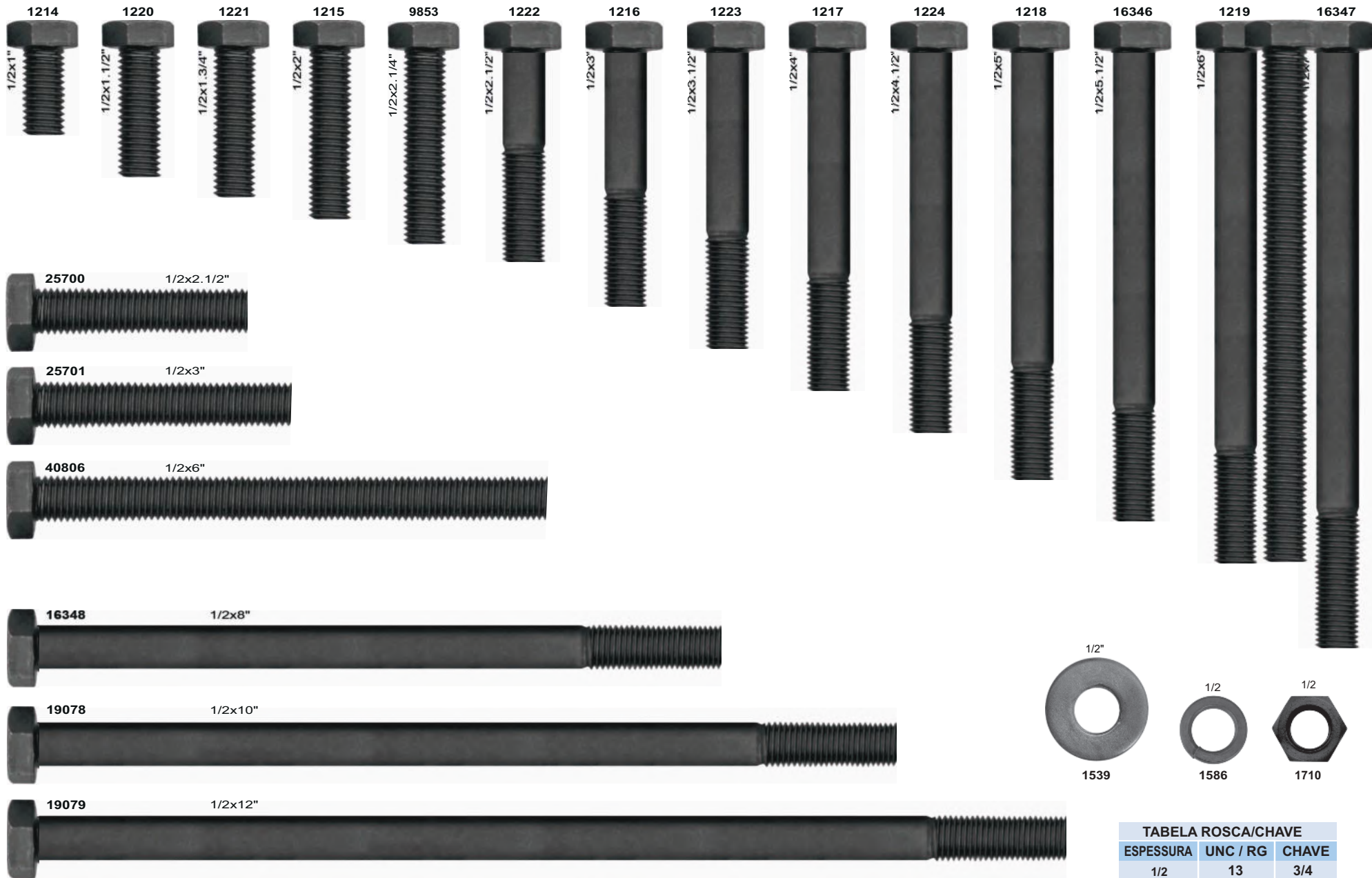


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/2	13	3/4

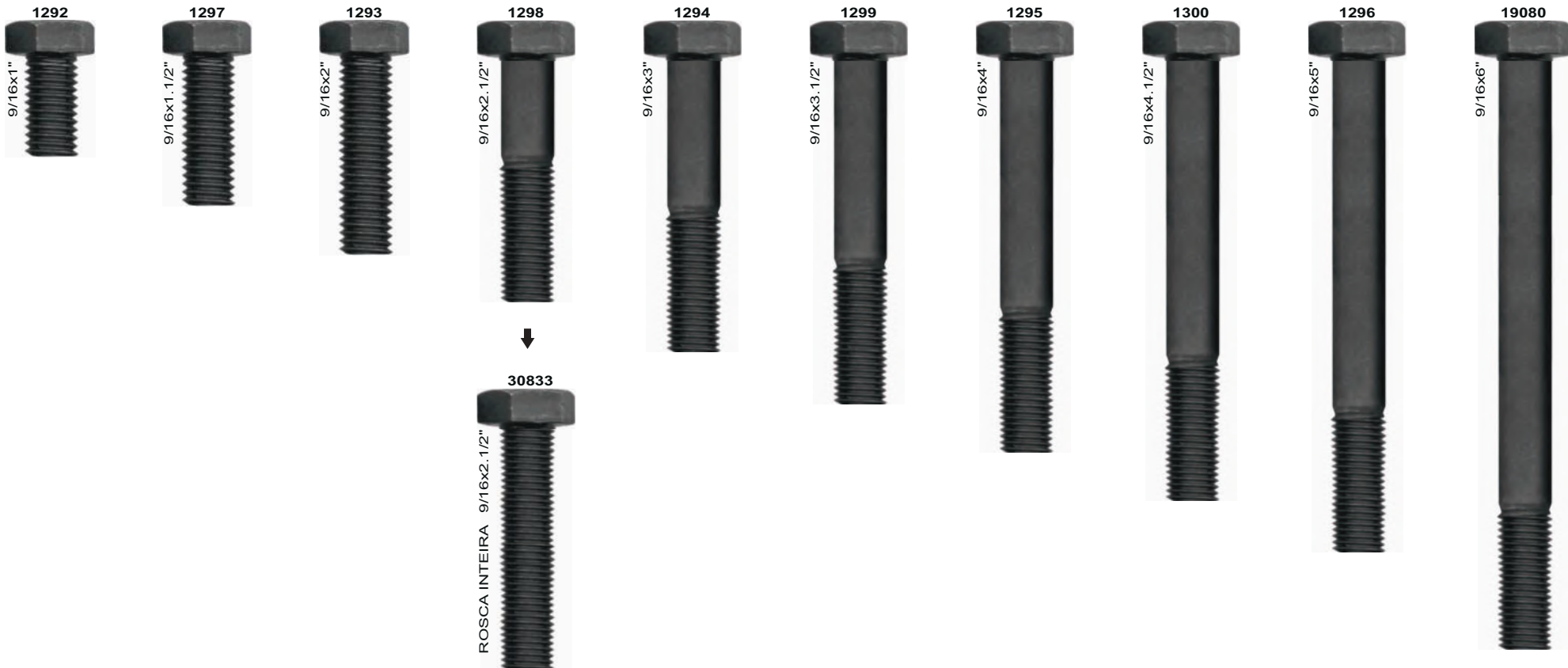
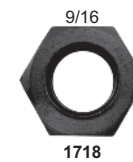


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
9/16	12	13/16



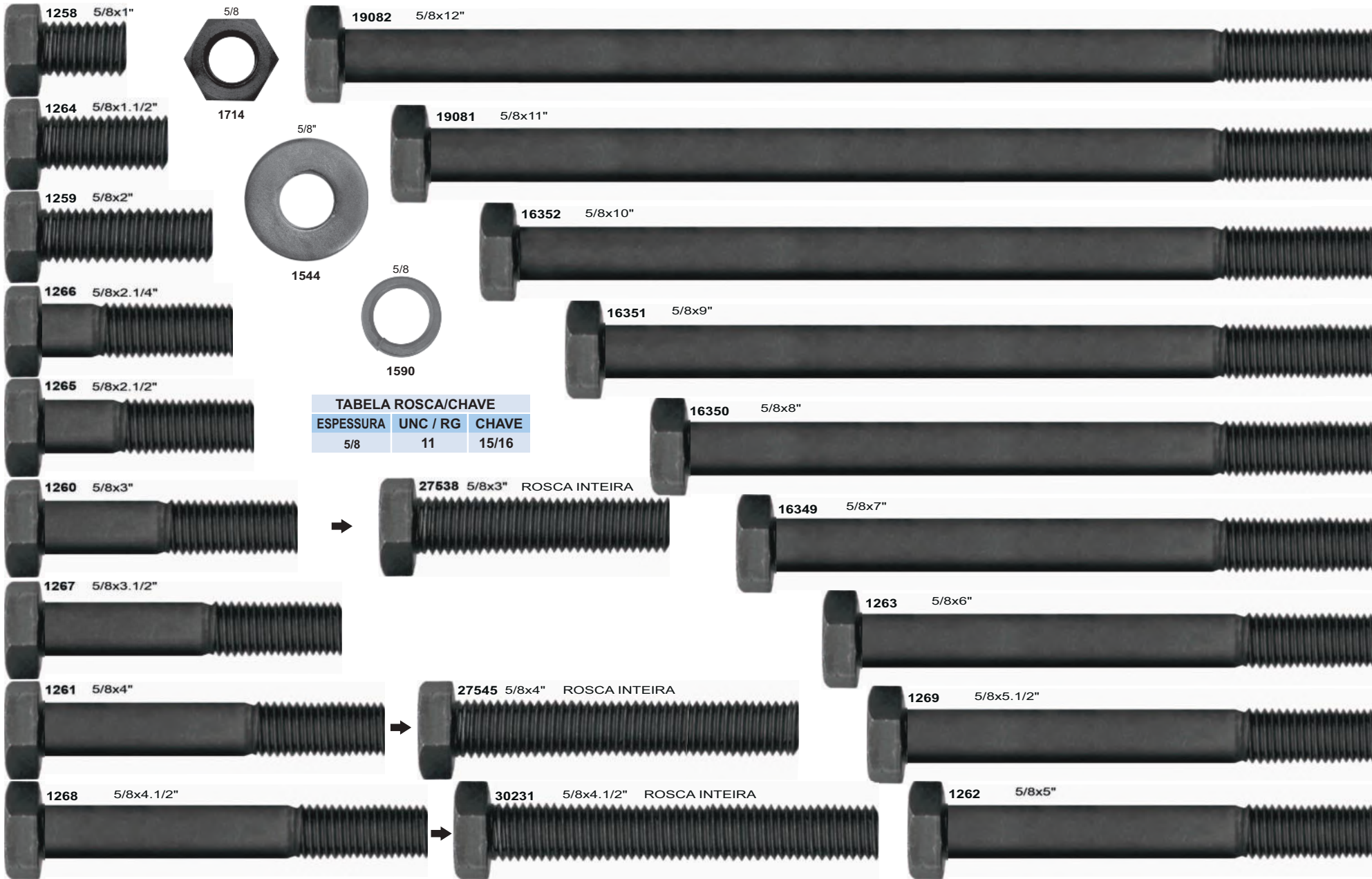




TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
3/4	10	1.1/8



TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
3/4	10	1.1/8



TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
7/8	9	1.15/16

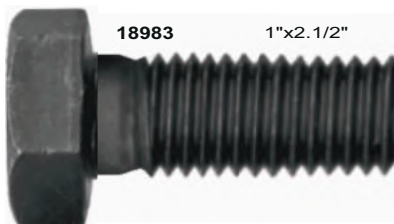
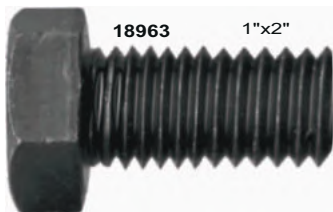
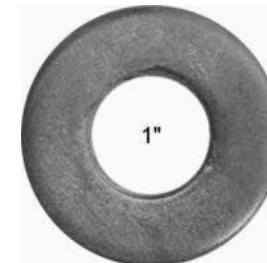
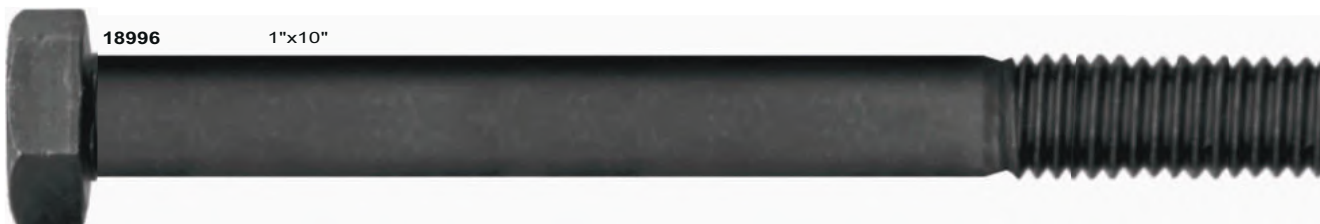


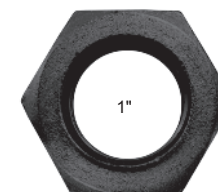
TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1"	8	1.1/2



1538



1585



19003

TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
1"	8	1.1/2



18997 1"x11"



18998 1"x12"



22242 1"x13"

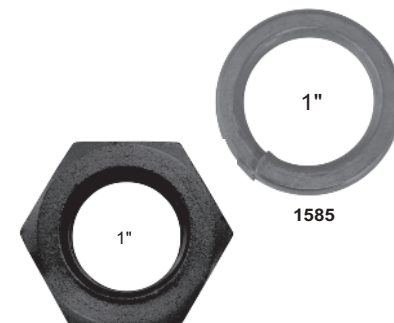


22246 1"x14"

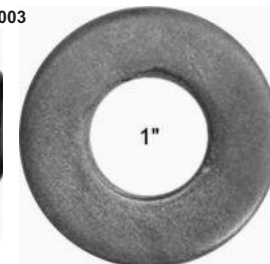


22247 1"x15"

TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1"	8	1.1/2



19003



1538

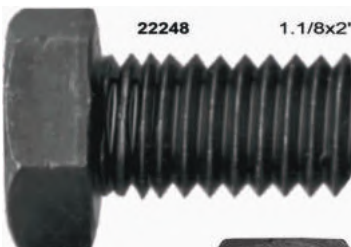


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/8	7	1.11/16



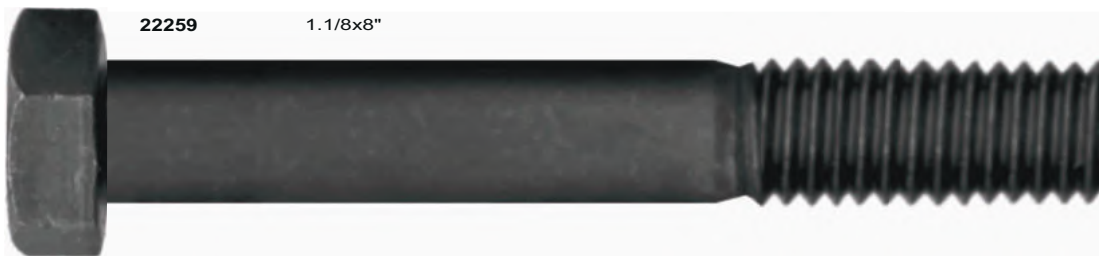
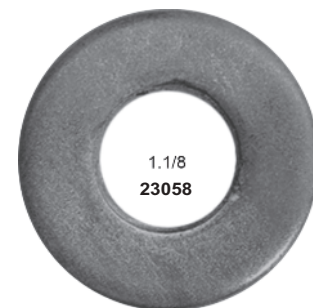
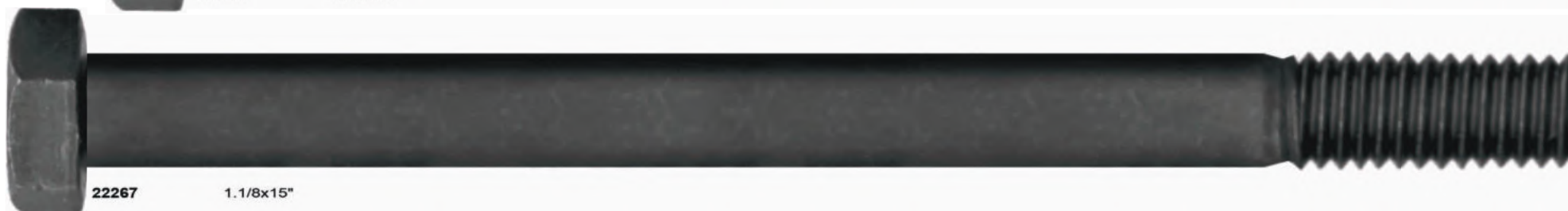
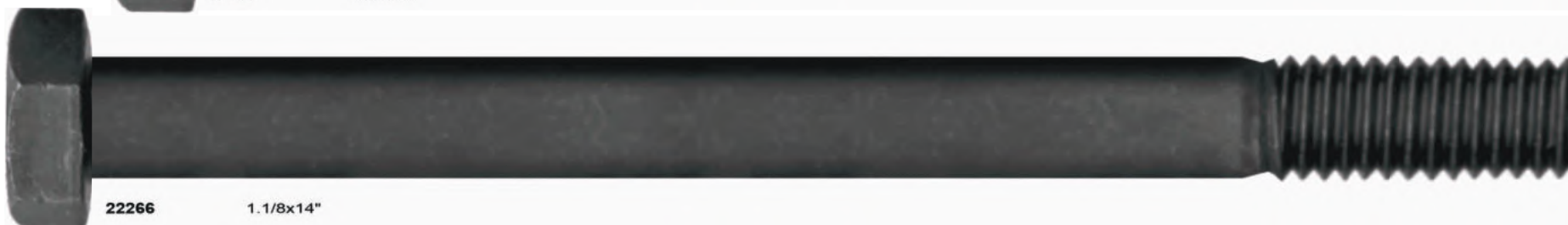
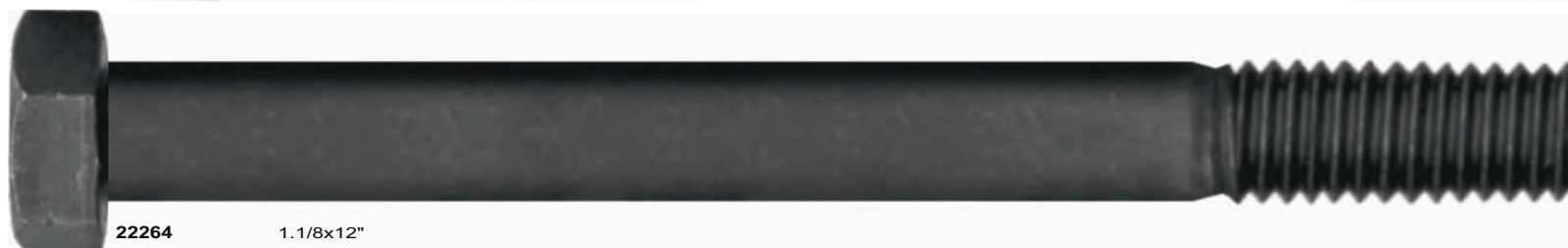


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/8	7	1.11/16

TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
1.1/8	7	1.11/16



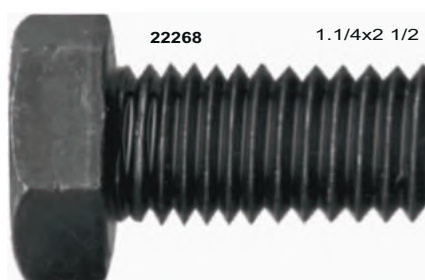
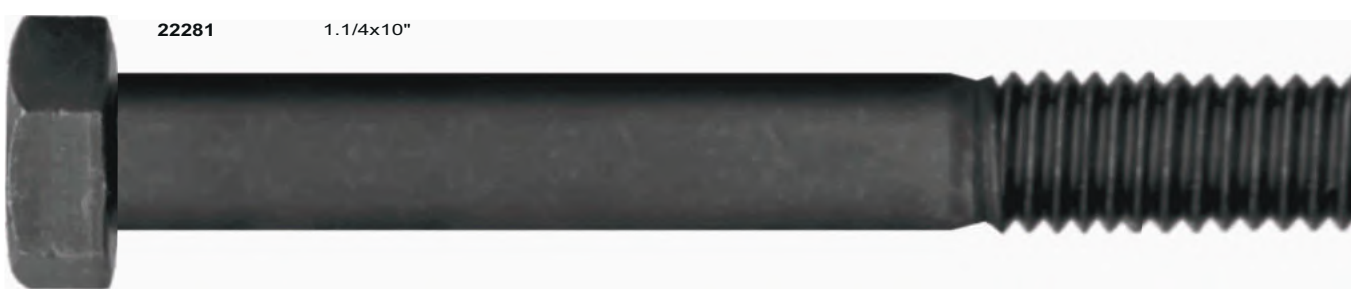
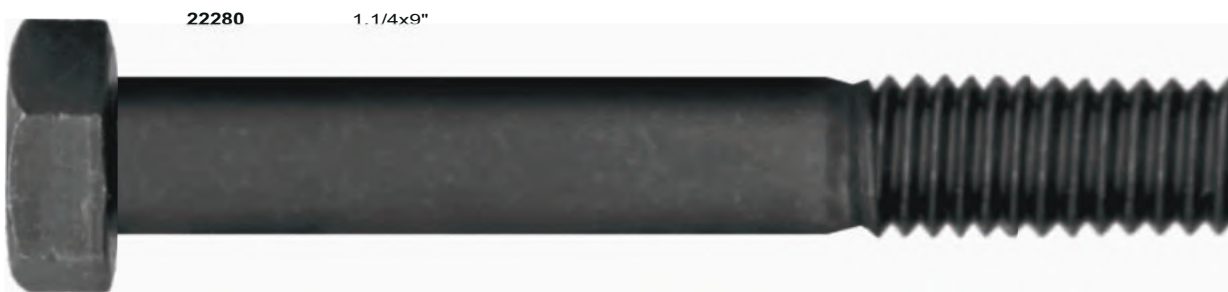
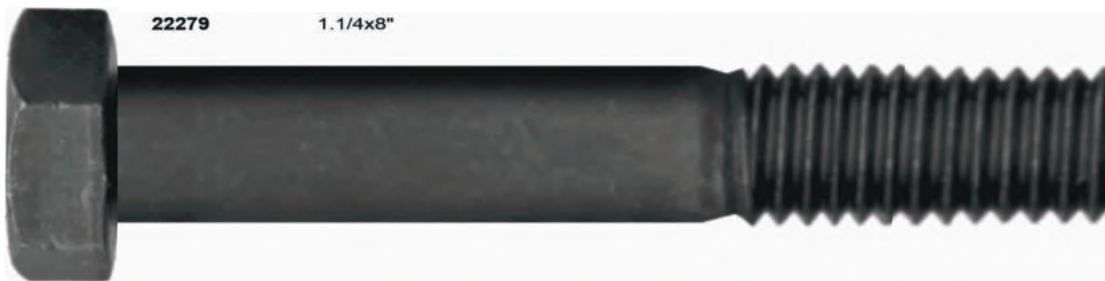


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/4	7	1.7/8





23057



23067

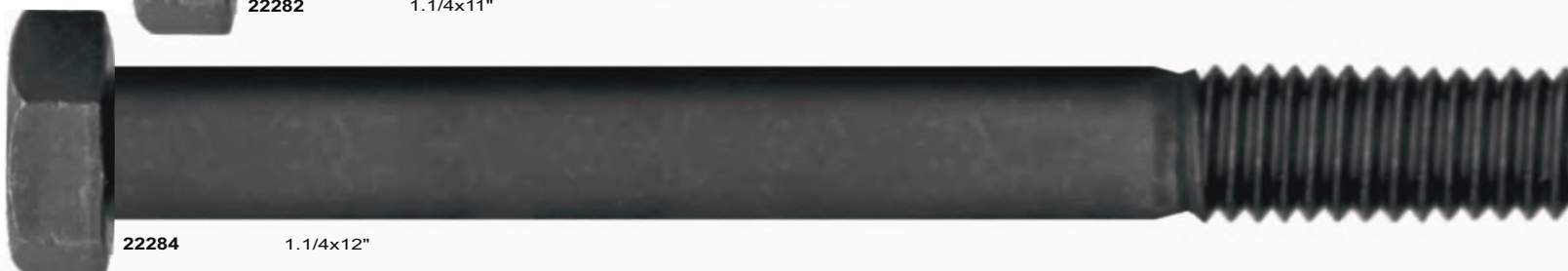


22328

TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/4	7	1.7/8

TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
1.1/4	7	1.7/8



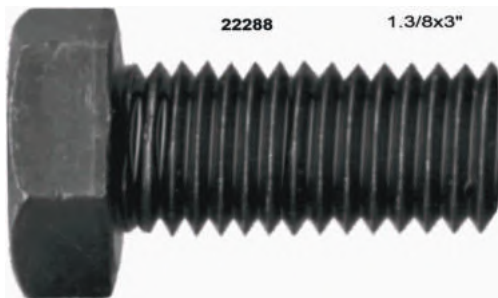


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.3/8	6	2.1/16

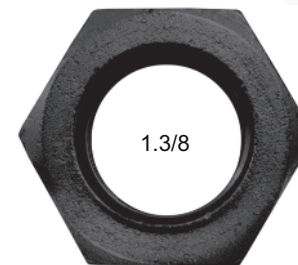
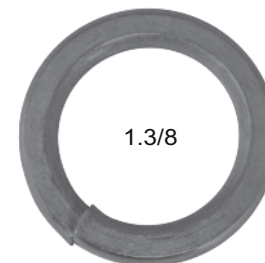


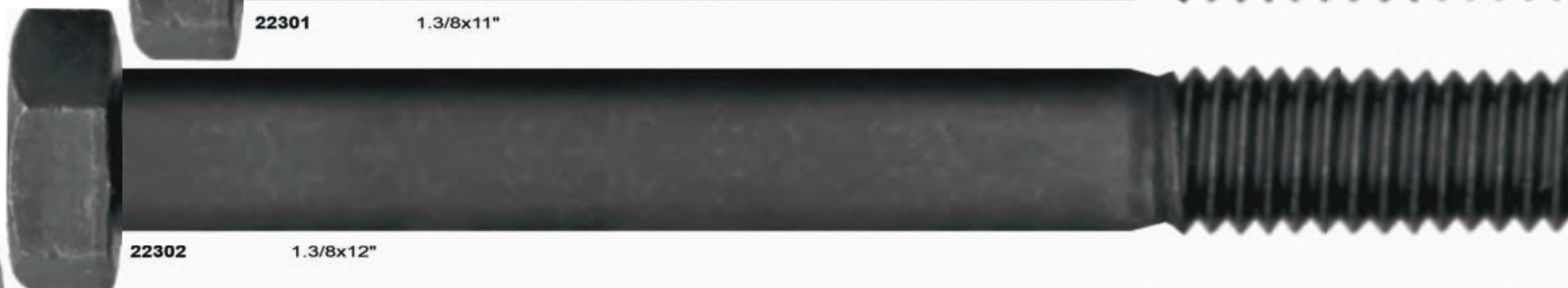
TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.3/8	6	2.1/16

TABELA ROSCA/CHAVE

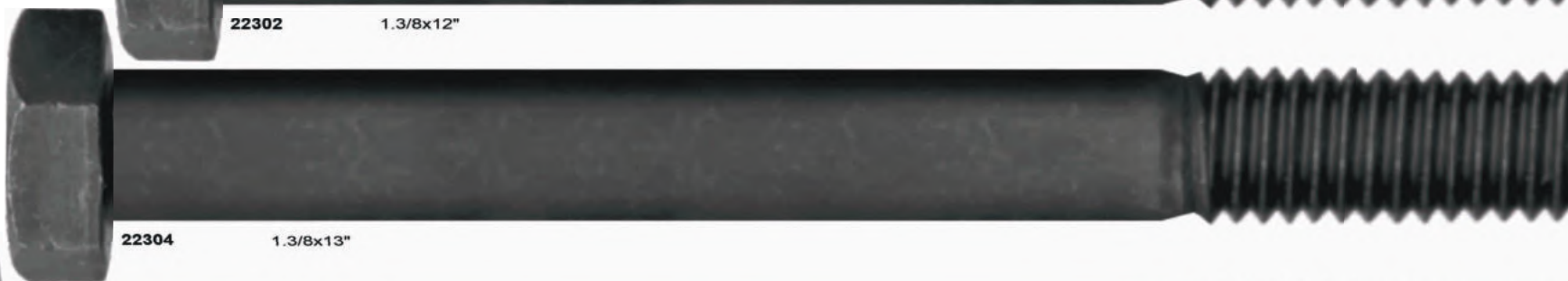
ESPESSURA	UNC / RG	CHAVE
1.3/8	6	2.1/16



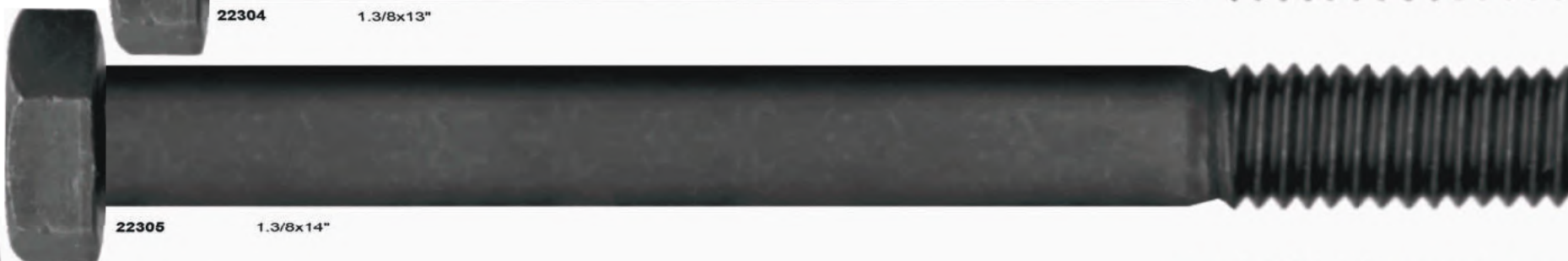
22301 1.3/8x11"



22302 1.3/8x12"



22304 1.3/8x13"



22305 1.3/8x14"



22306 1.3/8x15"

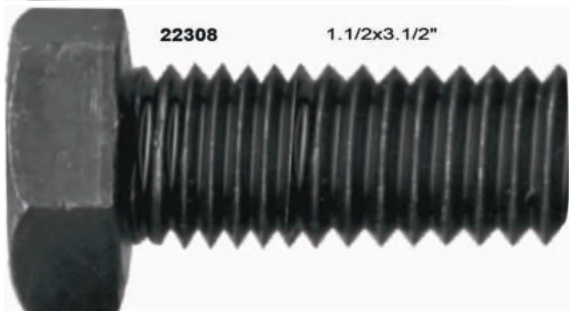
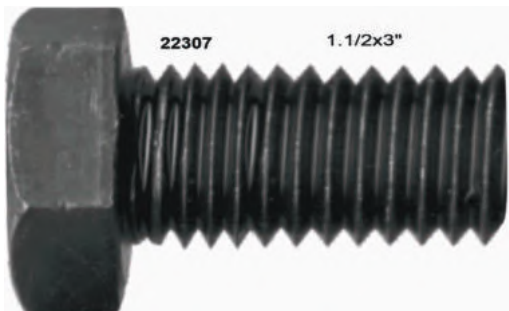


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/2	6	2.1/4

22315 1.1/2x7"



22316 1.1/2x7.1/2"



22317 1.1/2x8"



22318 1.1/2x9"



TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/2	6	2.1/4



23056



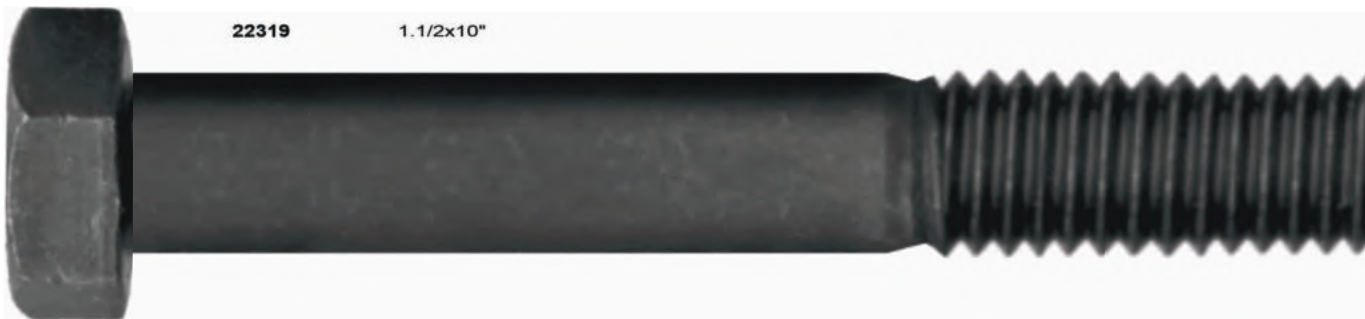
23066



22330

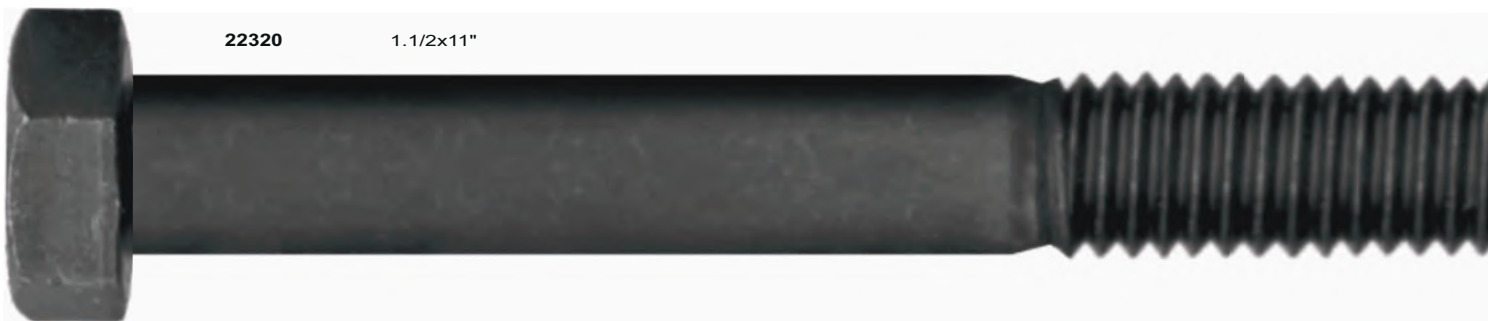
22319

1.1/2x10"



22320

1.1/2x11"



22321

1.1/2x12"

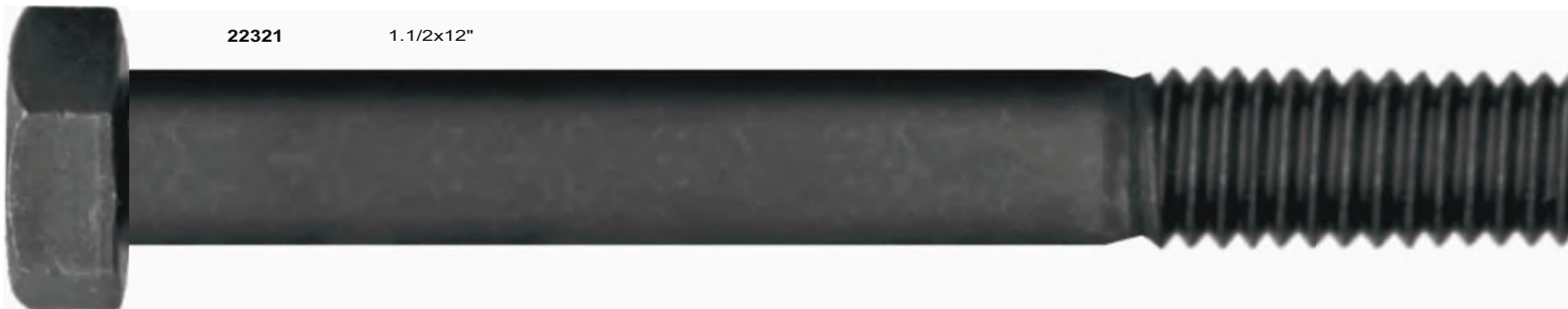


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1.1/2	6	2.1/4

22322

1.1/2x13"

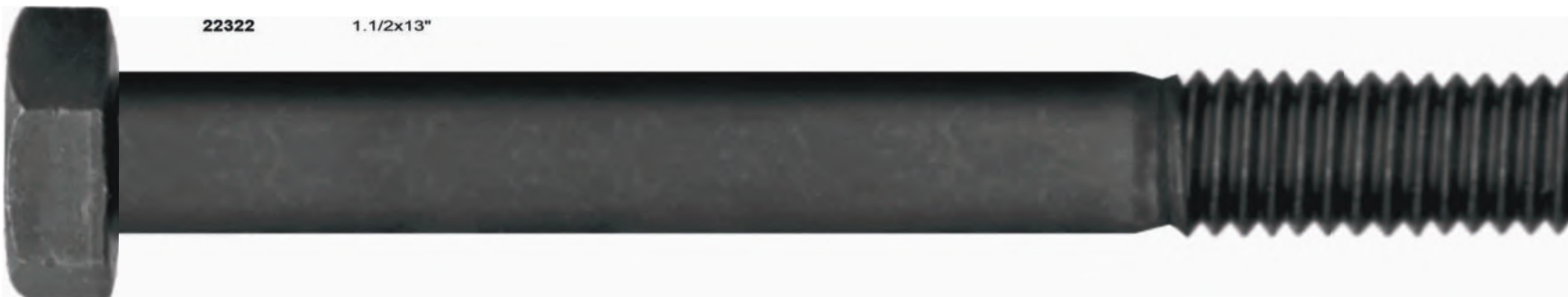
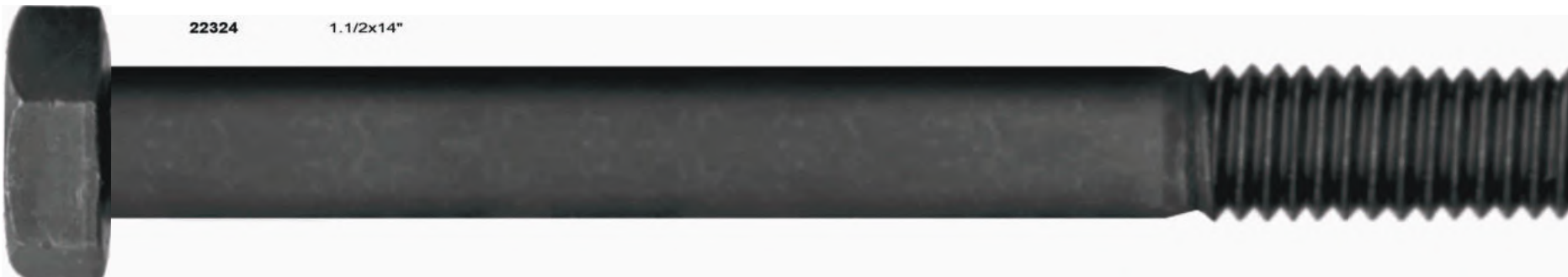


TABELA ROSCA/CHAVE

ESPESSURA	UNC / RG	CHAVE
1.1/2	6	2.1/4

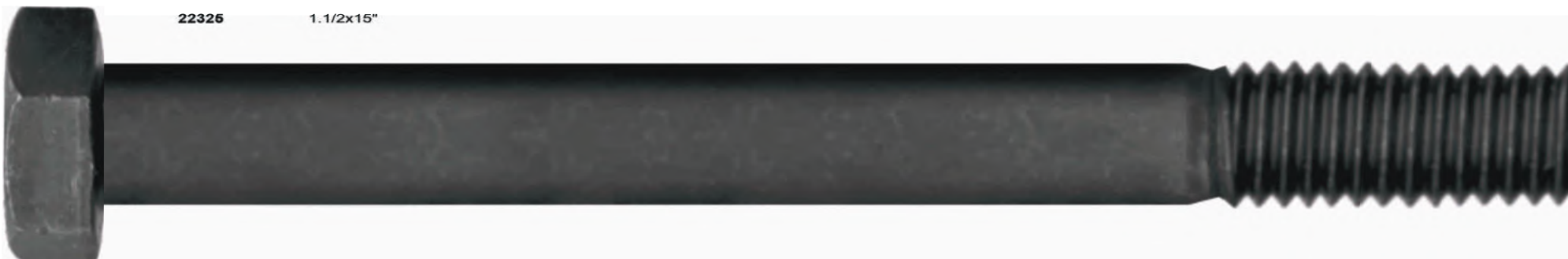
22324

1.1/2x14"



22326

1.1/2x15"



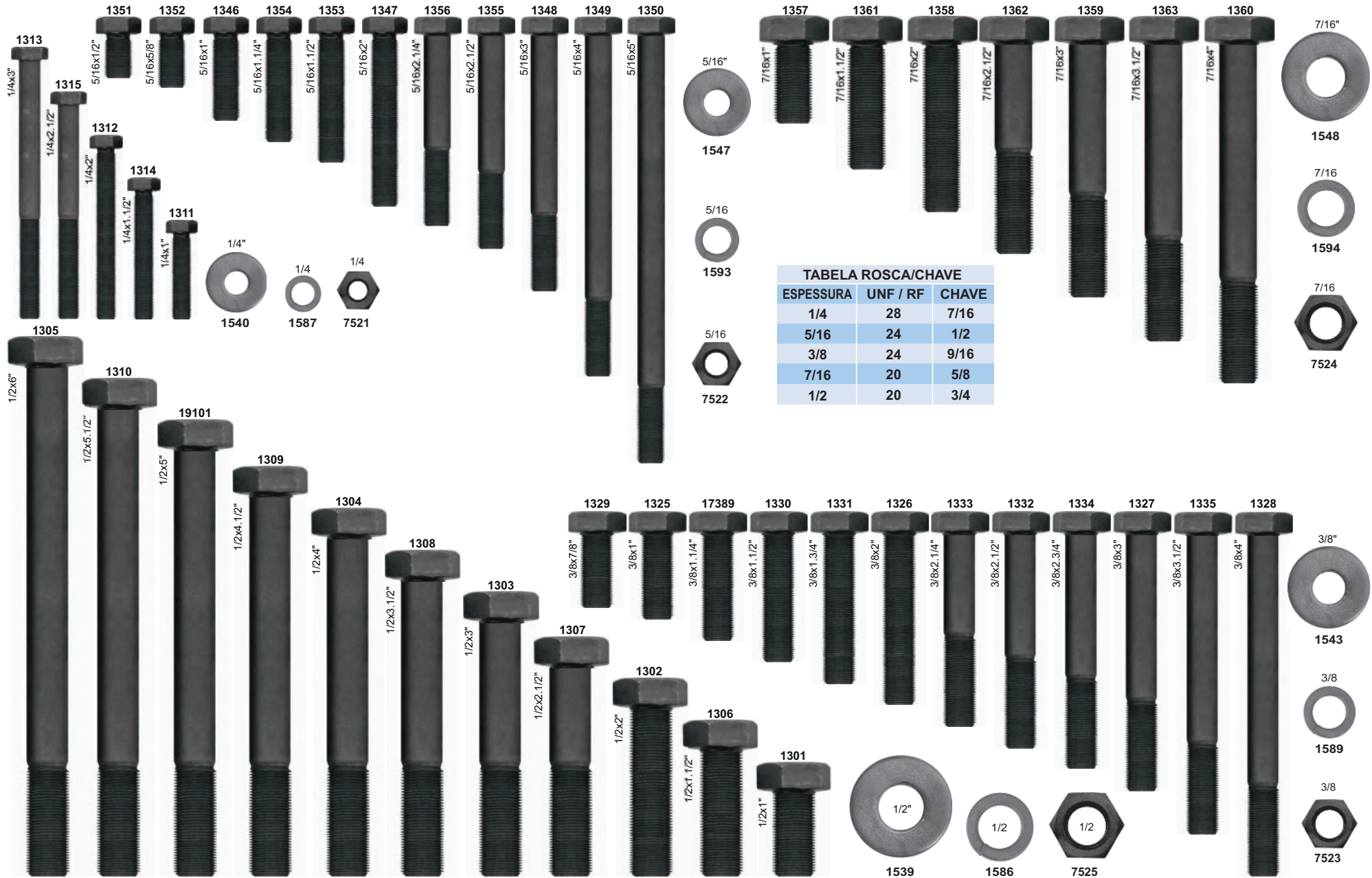
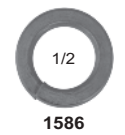
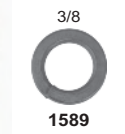


TABELA ROSCA/CHAVE

ESPESSURA	UNF / RF	CHAVE
1/4	28	7/16
5/16	24	1/2
3/8	24	9/16
7/16	20	5/8
1/2	20	3/4



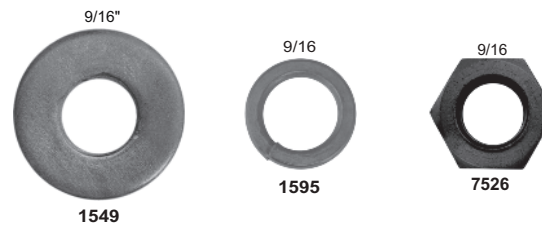
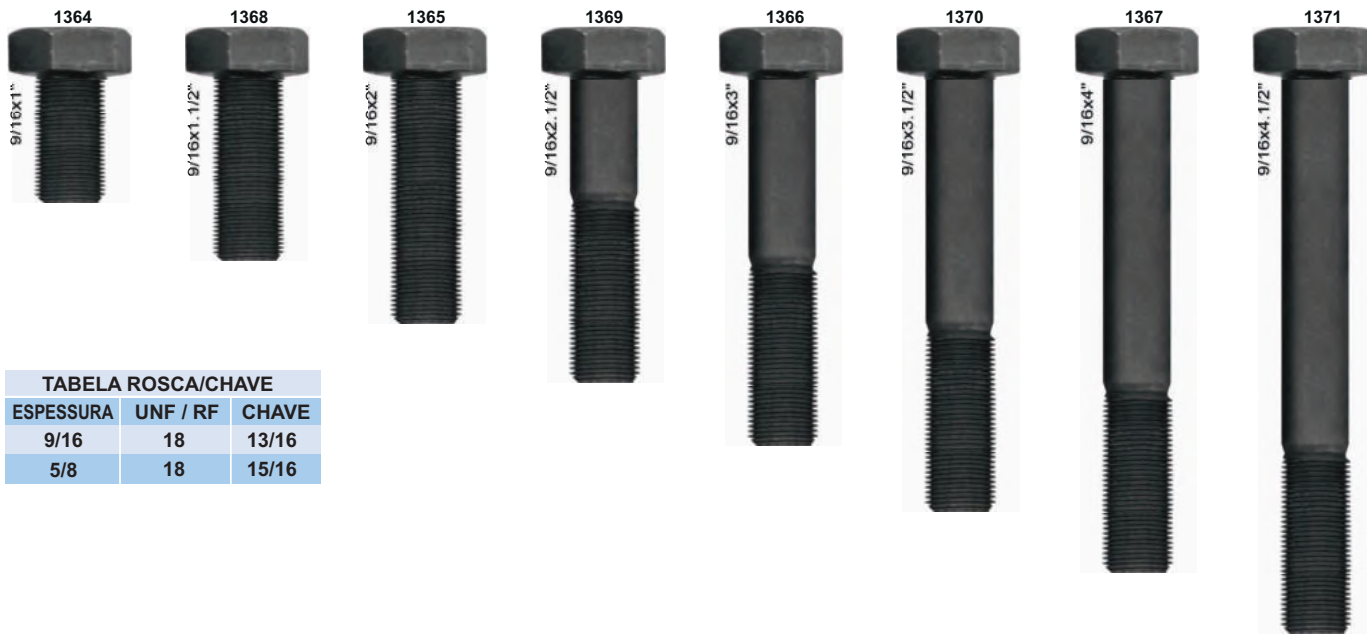


TABELA ROSCA/CHAVE		
ESPESSURA	UNF / RF	CHAVE
9/16	18	13/16
5/8	18	15/16



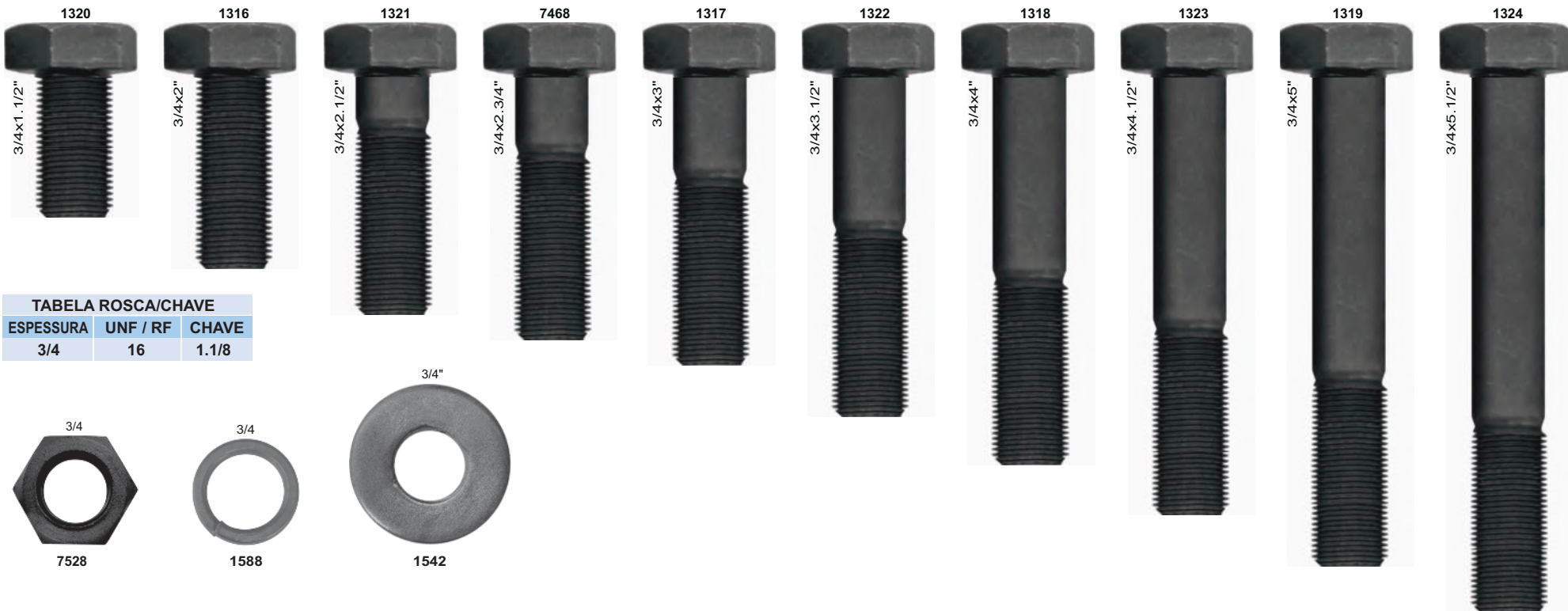


TABELA ROSCA/CHAVE

ESPESSURA	UNF / RF	CHAVE
3/4	16	1.1/8



7528



1588



1542

3/4"



GRUPO: 6500...
PARAFUSO P/ MAKITA

ROSCA ESQUERDA SEXTAVADO



12301

6mm



14607

FLANGE INT. EXT. P/ SERRA MAKITA 4100NH/H #22+25



GRUPO: 0135...
PARAFUSO CILÍNDRICO CABEÇA TORX T-27 (PARAFUSOS UTILIZADOS EM MOTO-SERRAS)



1490

M 4X16



1491

M 4X25



1492

M 5X16



1493

M 5X20



1494

M 5X25



1495

M 6X20



1496

M 6X25

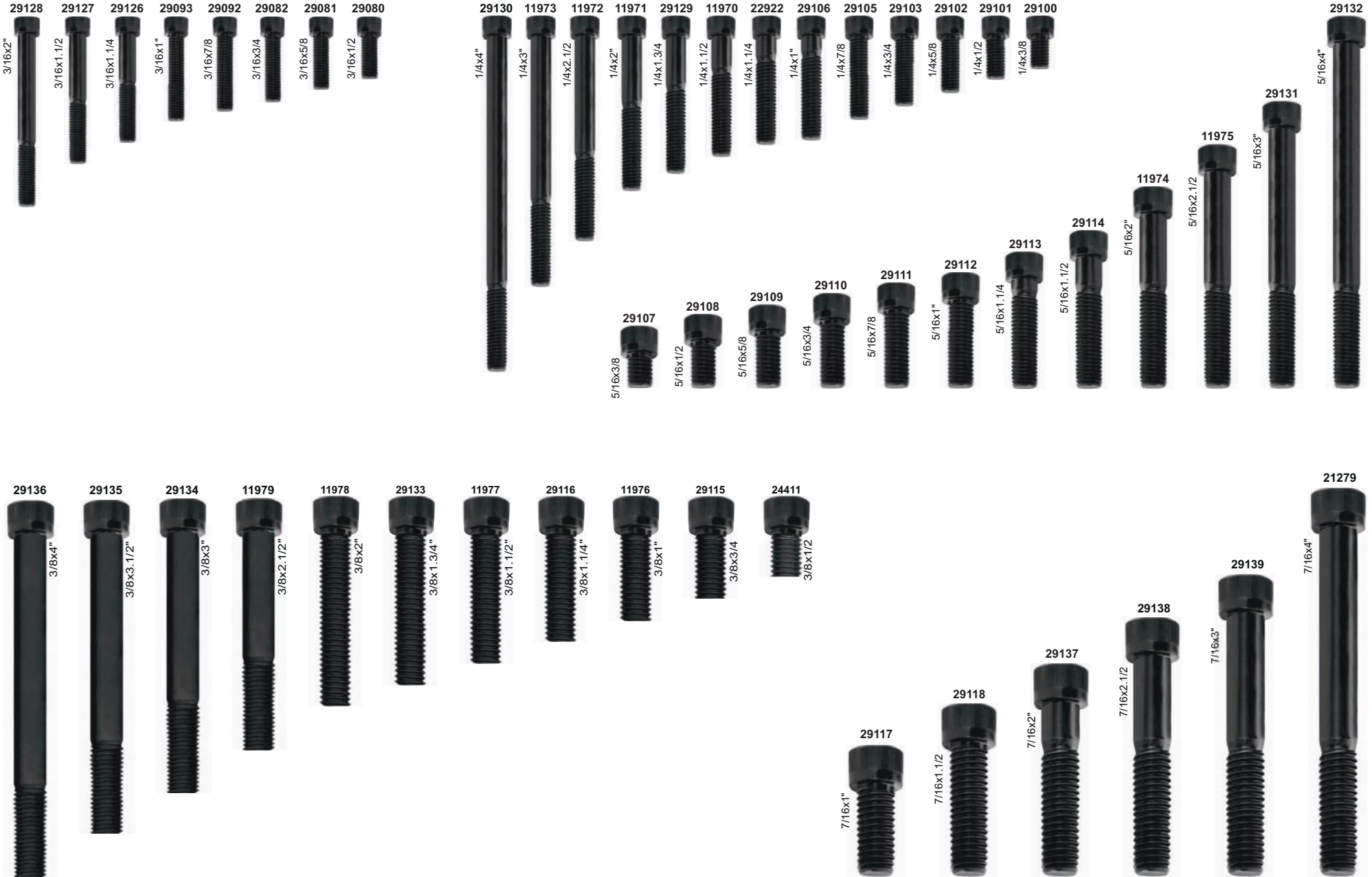


1497

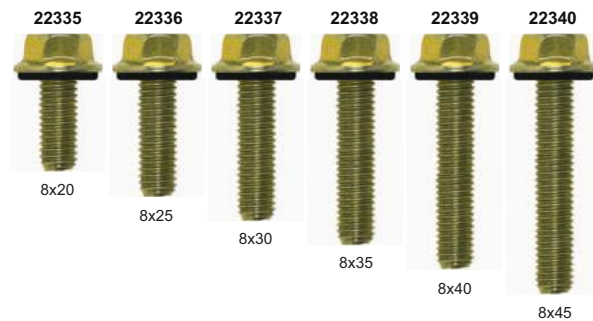
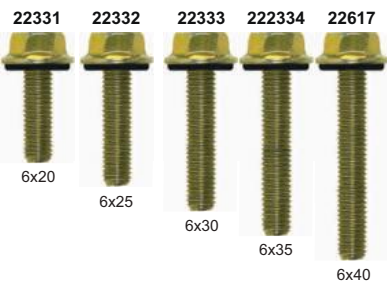
M 6X30





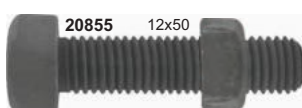














21500

16x350



21393

16x300



21391

16x250



21390

16x200



21386

16x175



21385

16x150

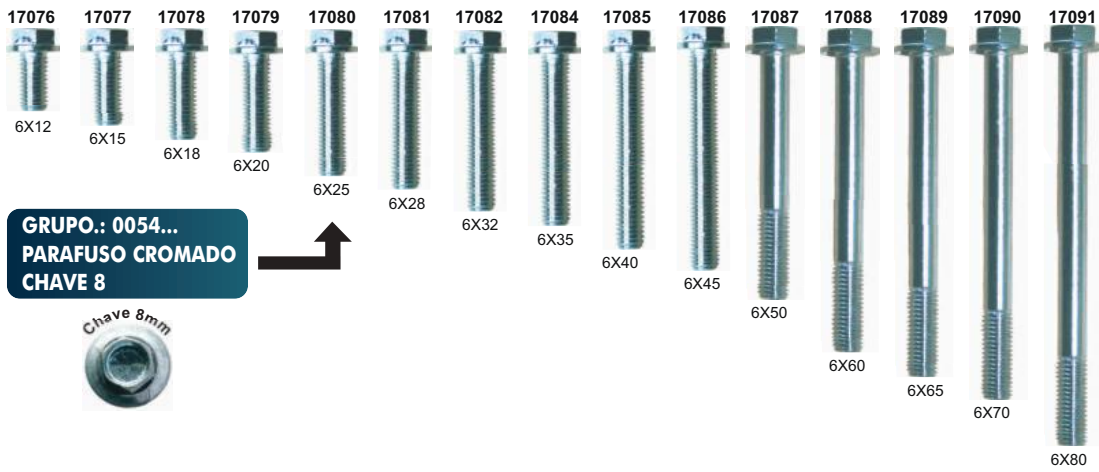


21384

16x125

**CONSULTAR MEDIDAS
NO SISTEMA**

21501	21502	21504
16x400	16x450	16x500



**GRUPO.: 0054...
PARAFUSO CROMADO
CHAVE 8**



**GRUPO.: 0051...
PARAFUSO ZINCADA
CHAVE 8**



**GRUPO.: 0052...
PARAFUSO ZINCADO
CHAVE 10**

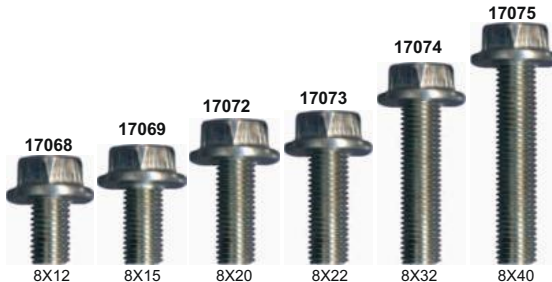


**GRUPO.: 0302...
PORCA SEXTAVADA AÇO 5.8
ROSCA GROSSA (MA) C/ FLANGE ZINCADA**

TAMANHO	CHAVE
6	10
8	13
10	15
12	18



6mm	8mm	10mm	12mm
COD. 11965	COD. 12624	COD. 12625	COD. 12626



**GRUPO.: 0053...
PARAFUSO ZINCADO
CHAVE 13**





17092
SEXTAVADOS P/ MONTAGEM E
FIXAÇÃO DO MOTOR CG - 11 PEÇAS



17093
CARÇAÇA DO MOTOR
HONDA BIZ - 07 PEÇAS



17094
CARÇAÇA DO MOTOR HONDA BIZ
07 PEÇAS (CROMADOS)



COD. 17095
TAMPA DO MOTOR
HONDA BIZ - 11 PEÇAS



17096
TAMPA DO MOTOR HONDA BIZ
11 PEÇAS (CROMADOS)



17097
TAMPA MOTOR (15 PEÇAS)
CG/CARGO/TODAY/TITAN



17098
TAMPA MOTOR CG/CARGO
TODAY/TITAN - 15 PEÇAS
(CROMADOS)



17099
TAMPA MOTOR TITAN KS/
CARGO - 22 PEÇAS



17100
TAMPA MOTOR TITAN
KS/CARGO - 22 PEÇAS
(CROMADOS)



17101
TAMPA MOTOR
TITAN ES - 23 PEÇAS



17106
TAMPA MOTOR
CBX 200S/XR 200R - 23 PEÇAS



17102
TAMPA MOTOR TITAN ES
23 PEÇAS (CROMADO)



17107
TAMPA MOTOR CBX 200S/
XR 200R - 23 PEÇAS (CROMADOS)



17108
TAMPA MOTOR XL 250
28 PEÇAS



17109
TAMPA MOTOR XL 250 - 28 PEÇAS
(CROMADOS)



17110
TAMPA MOTOR TITAN 150
23 PEÇAS



17111
TAMPA MOTOR TITAN 150
23 PEÇAS (CROMADOS)



17112
MOTOR LADO ESQUERDO
NXR BROS 125 - 12 PEÇAS



17113
TAMPA MOTOR LADO ESQUERDO
NXR BROS 125 - 12 PEÇAS (CROMADOS)



17114
TAMPA MOTOR LADO DIREITO
NXR BROS 125 - 11 PEÇAS



17115

TAMPA MOTOR LADO DIREITO
NXR BROS 125 - 11 PEÇAS
(CROMADOS)



17116

TAMPA MOTOR LADO ESQUERDO
NXR BROS 150 - 12 PEÇAS



17117

TAMPA MOTOR LADO ESQUERDO
NXR BROS 150 - 12 PEÇAS
(CROMADOS)



17118

TAMPA MOTOR LADO DIREITO
NXR BROS 150 - 09 PEÇAS



17119

TAMPA MOTOR LADO DIREITO
NXR BROS 150 - 09 PEÇAS
(CROMADOS)

17120



6x10
PINHÃO CG

17121



6x15
PARA-LAMA
DIANTEIRO CG

17122



6x20
COLETOR/PEDAL
DO CÂMBIO CG/ML

17123



6x25
PEDAL DO
CÂMBIO CG

17125



6x35
BRAÇO
OSCILANTE CG

17126



6x40
PEDAL DE
PARTIDA CG

17135



6x90
FIXAR PROTETOR
PERNA BIZ

17127



8x15
ASSENTO
CG/CARGO

17128



8x20
ESTRIBO
CG

17129



8x25
PEDAL DE
PARTIDA CG

17130



8x60
FIXAR MOTOR
CARGO/TODAY

17131



8x70
FIXAR MOTOR
CG

17132



8x80
CABEÇOTE
CG

17133







8x90
FIXAR MOTOR
CG





17134







8x110
FIXAR MOTOR
CG







	PORCA DUPLA (RF)
1642	
	PORCA GRAU 5 SEXTAVADA (RF)
7523	
	PORCA FERRO SEXTAVADA (RF)
1648	
	PORCA AUTO-TRAVANTE (RF)
1735	

	PORCA DUPLA (RF)
1643	
	PORCA GRAU 5 SEXTAVADA (RF)
7524	
	PORCA FERRO SEXTAVADA (RF)
1649	
	PORCA AUTO-TRAVANTE (RF)
1737	

	PORCA DUPLA (RF)
1644	
	PORCA GRAU 5 SEXTAVADA (RF)
7526	
	PORCA FERRO SEXTAVADA (RF)
1650	
	PORCA AUTO-TRAVANTE (RF)
1738	



 1/2 1641	PORCA DUPLA (RF)
 1/2 7525	PORCA GRAU 5 SEXTAVADA (RF)
 1/2 1647	PORCA FERRO SEXTAVADA (RF)
 1/2 1734	PORCA AUTO-TRAVANTE (RF)



PORCA DUPLA (RF)



PORCA GRAU 5 SEXTAVADA (RF)



PORCA FERRO SEXTAVADA (RF)



















































PORCA AUTO-TRAVANTE (RF)















































12mm		PORCA DUPLA (RF)
1645		
12mm		PORCA AÇO 8.8 SEXTAVADA (RF)
16506		
12mm		PORCA FERRO SEXTAVADA (RF)
1651		
12mm		PORCA AUTO-TRAVANTE (RF)
17140		























































































12mm 	PORCA DUPLA (RF)
1645 12mm 	PORCA AÇO 8.8 SEXTAVADA (RF)
16506 12mm 	PORCA FERRO SEXTAVADA (RF)
1651 12mm 	PORCA AUTO-TRAVANTE (RF)
17140	

	1517	3/16		1673		1592		1546
	1512	1/4		1668		1587		1540
	1518	5/16		1674		1593		1547
	1514	3/8		1670		1589		1543
	1519	7/16		1675		1594		1548
	1511	1/2		1667		1586		1539
	1520	9/16		1676		1595		1549
	1515	5/8		1671		1590		1544
	1513	3/4		1669		1588		1542
	1516	7/8		1672		1591		1545
	1510	1"		1666		1585		1538

	1528	3/16		1686		1603		1558
	1523	1/4		1679		1598		1552
	1529	5/16		1687		1604		1559
	1525	3/8		1681		1600		1555
	1530	7/16		1689		1605		1561
	1522	1/2		1678		1597		1551
	1531	9/16		1690		1606		1562
	1526	5/8		1682		1601		1556
	1524	3/4		1680		1599		1554
	1527	7/8		1683		1602		1557
	1521	1"		1677		1596		1550



	33998	3/16		1686		1603		1558
	33999	1/4		1679		1598		1552
	34000	5/16		1687		1604		1559
	34001	3/8		1681		1600		1555
	34002	7/16		1689		1605		1561
	34003	1/2		1678		1597		1551
	34004	5/8		1682		1601		1556
	34005	3/4		1680		1599		1554
	34006	7/8		1683		1602		1557
	34007	1"		1677		1596		1550

	33987	3/16		1673		1592		1546
	33988	1/4		1668		1587		1540
	33989	5/16		1674		1593		1547
	33990	3/8		1670		1589		1543
	33991	7/16		1675		1594		1548
	33992	1/2		1667		1586		1539
	36636	9/16		1676		1595		1549
	33993	5/8		1671		1590		1544
	33995	3/4		1669		1588		1542
	33996	7/8		1672		1591		1545
	33997	1"		1666		1585		1538



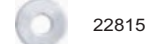
22784 3/16



22817



22816



22815

INOX



22785 1/4



22818



22799



22879

INOX



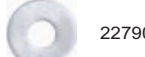
22786 5/16



22819



22800



22790

INOX



22787 3/8



22820



22801



22791

INOX



22788 1/2



22822



22804



22793

INOX



31681 5/8



28929



40858



31682

INOX



28928 7/8



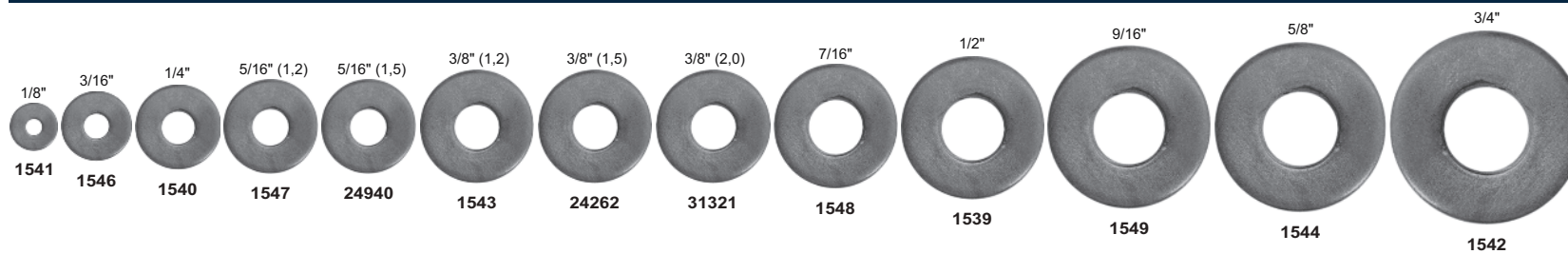
40860



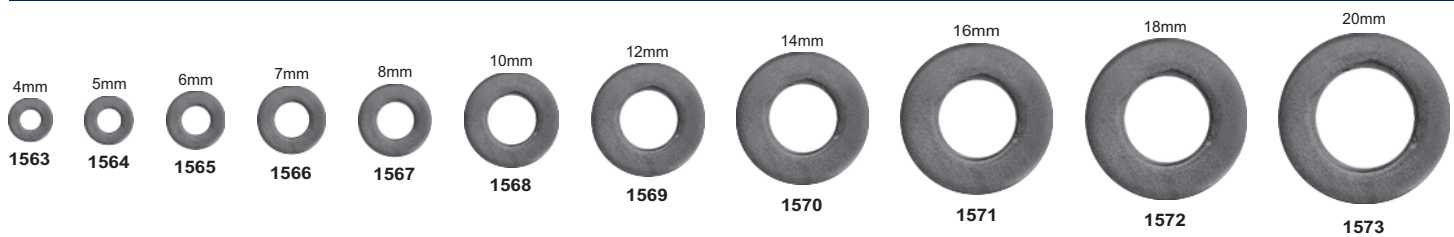
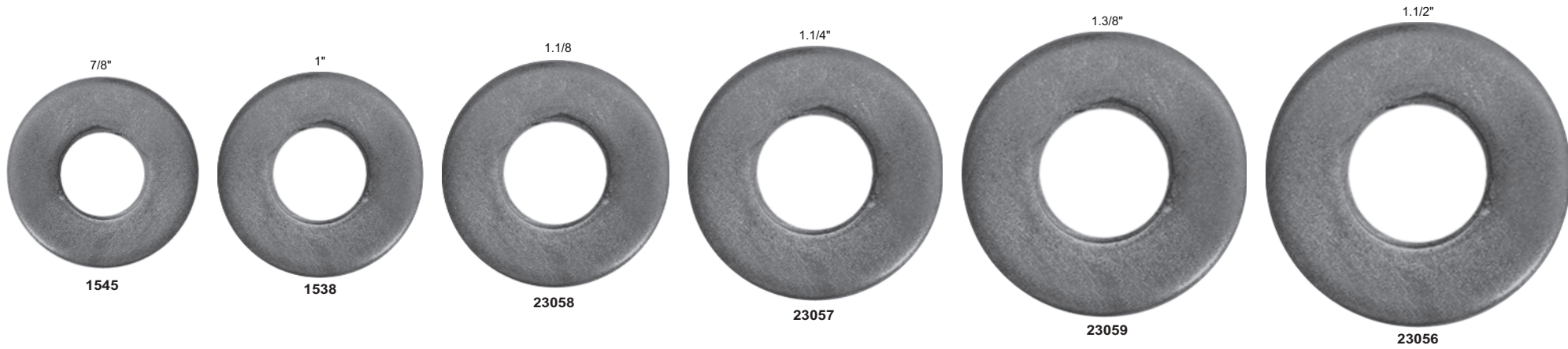
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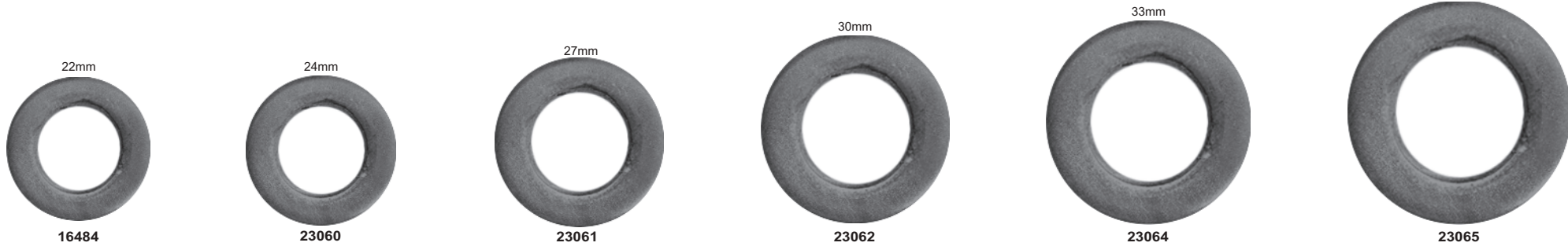
40861



GRUPO: 0215...
ARRUELA LISA
AÇO 5.8 POLIDA
POLEGADA

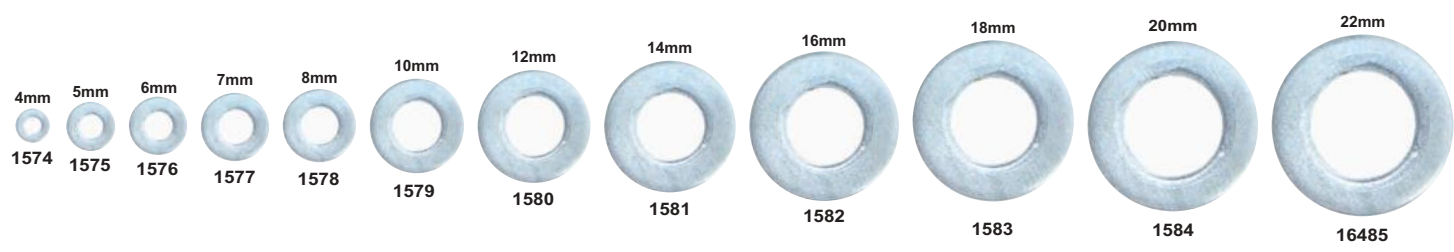


GRUPO: 0225...
ARRUELA LISA AÇO 5.8
POLIDA - MILÍMETRO

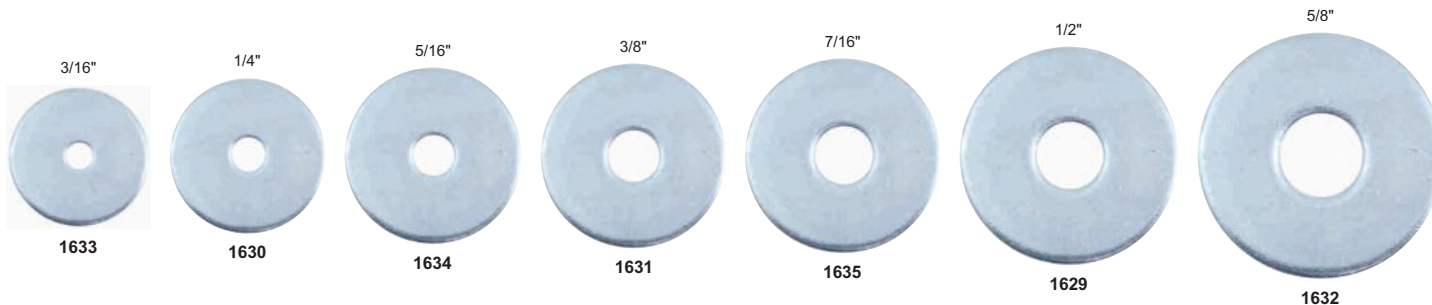




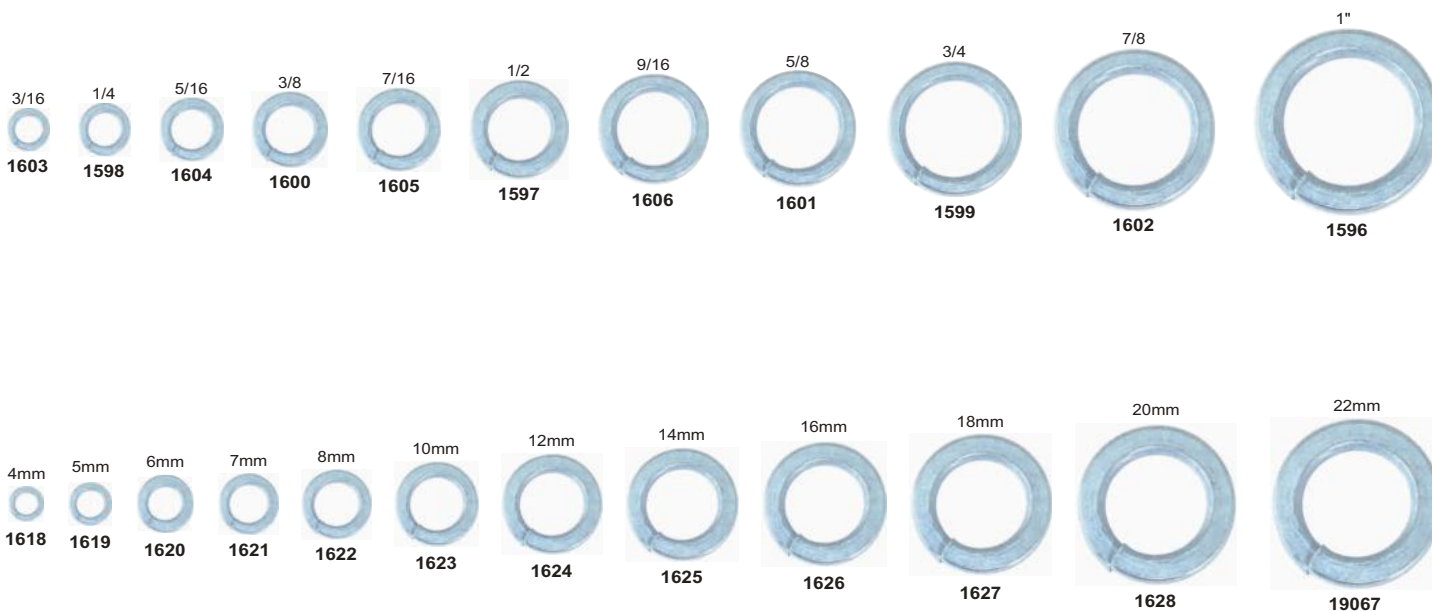
GRUPO: 0220...
ARRUELA LISA AÇO 5.8
ZINCADA - POLEGADA



GRUPO: 0230...
ARRUELA LISA AÇO 5.8
ZINCADA - MILÍMETRO



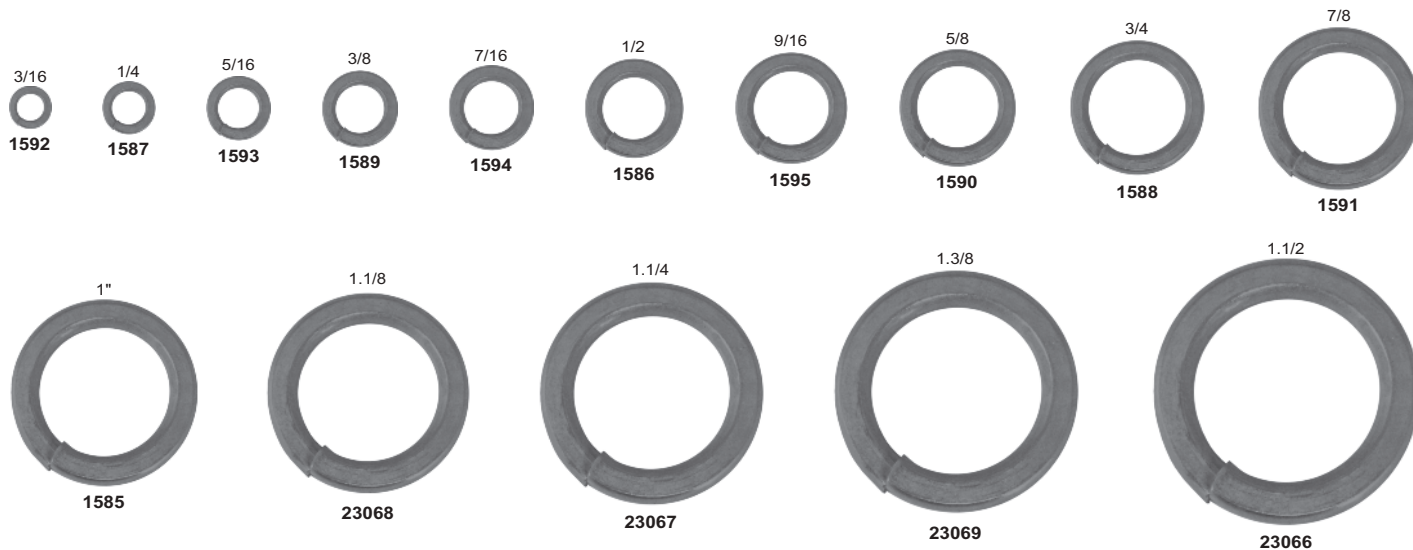
GRUPO: 0255...
ARRUELA FUNILEIRO
AÇO 5.8 ZINCADA



GRUPO: 0240...
ARRUELA PRESSÃO AÇO 5.8
ZINCADA - POLEGADA



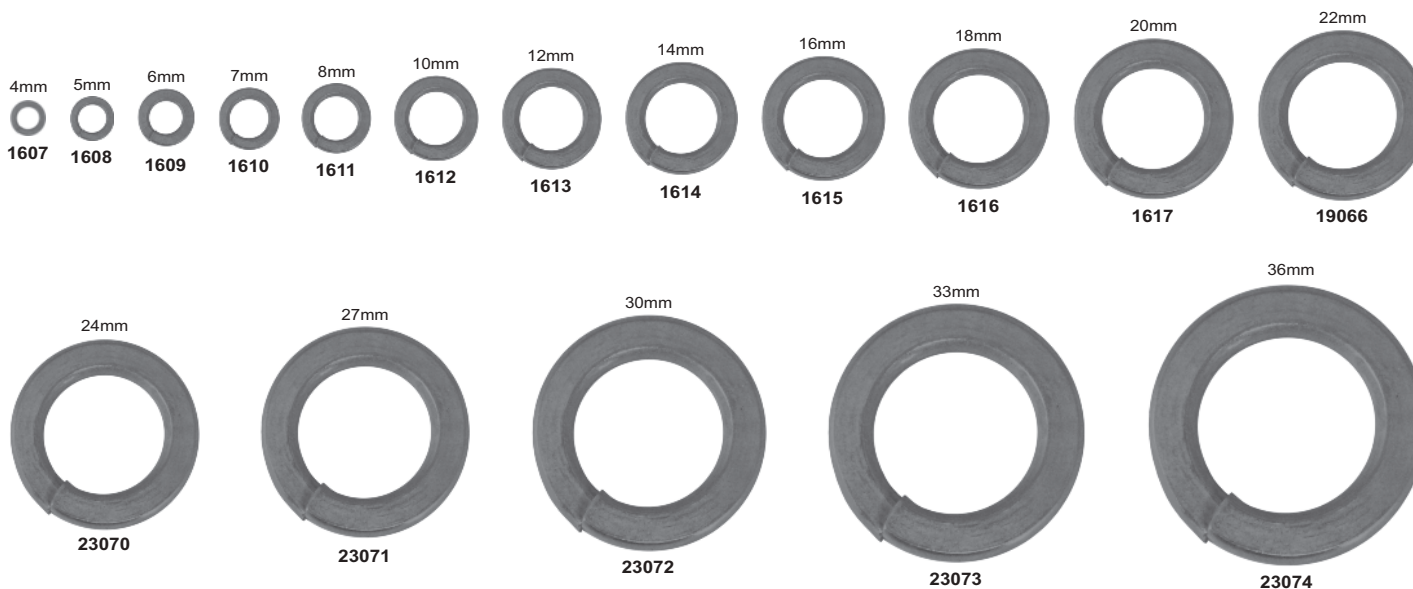
GRUPO: 0250...
ARRUELA PRESSÃO AÇO 5.8
ZINCADA - MILÍMETRO



POLIDA

GRUPO: 0235...
ARRUELA PRESSÃO
AÇO 5.8 - POLIDA

POLEGADA



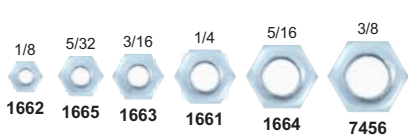
POLIDA

GRUPO: 0245...
ARRUELA PRESSÃO
AÇO 5.8 - POLIDA

MILÍMETRO

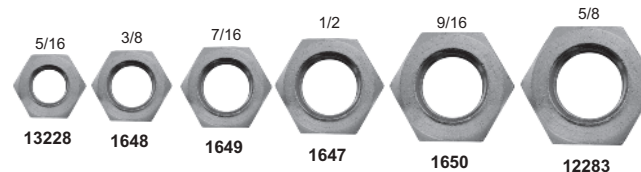


ZINCADA  **GRUPO: 0300...** **PORCA SEXTAVADA ESTAMPADA AÇO 5.8 FERRO ZINCADA ROSCA GROSSA (UNC) - POLEGADA**

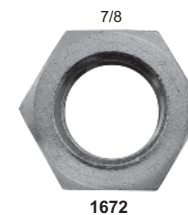
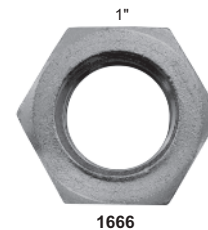
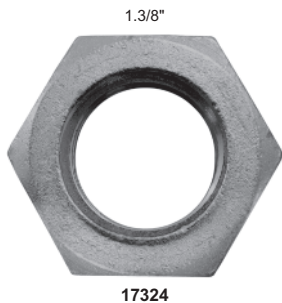
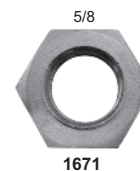


TAMANHO	CHAVE
1/8	1/4
5/32	5/16
3/16	3/8
1/4	7/16
5/16	1/2
3/8	9/16

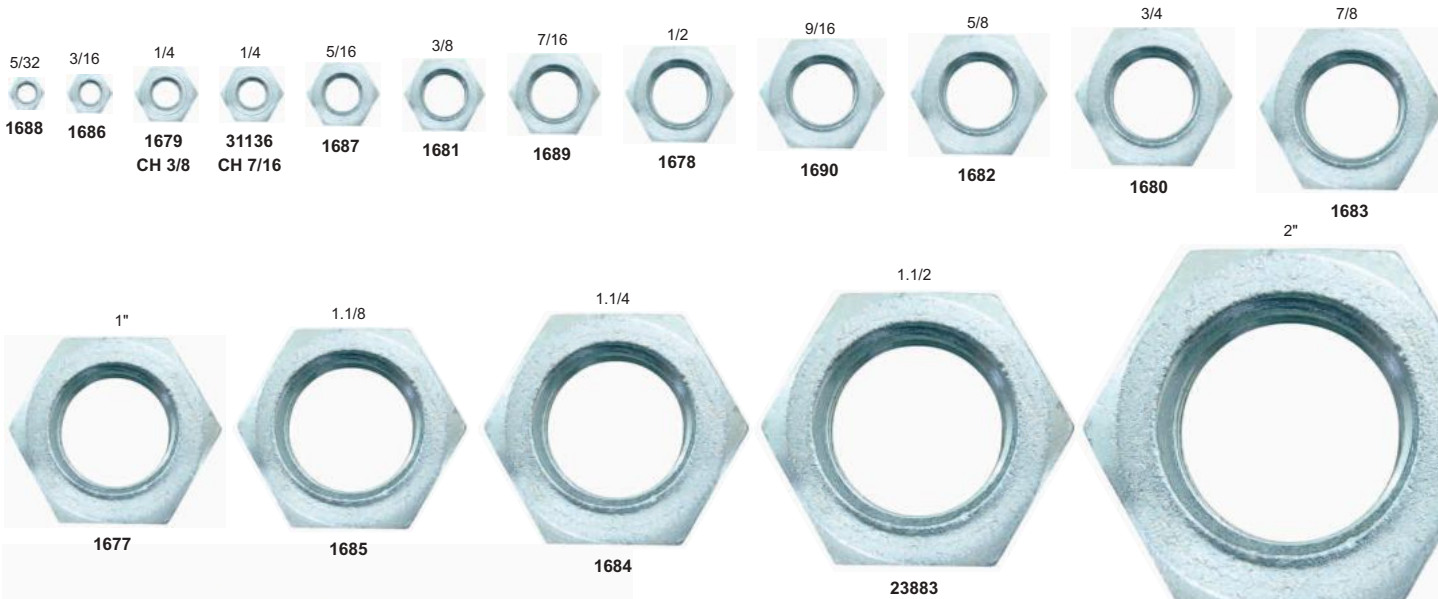
POLIDA  **GRUPO: 0275...** **PORCA SEXTAVADA AÇO 5.8 FERRO POLIDA ROSCA FINA (UNF) - POLEGADA**



TAMANHO	CHAVE	FIO ROSCA
5/16	1/2	24
3/8	9/16	24
7/16	5/8	20
1/2	3/4	20
9/16	7/8	18
5/8	15/16	18
3/4	1.1/8	16
7/8	1.5/16	14



TAMANHO	CHAVE	FIO ROSCA
5/32	1/4	32
3/16	5/16	24
1/4	3/8	20
5/16	1/2	18
3/8	9/16	16
7/16	5/8	14
1/2	3/4	13
9/16	7/8	12
5/8	15/16	11
3/4	1.1/8	10
7/8	1.5/16	9
1"	1.1/2	8
1.1/8	1.11/16	7
1.1/4	1.7/8	7
1.3/8	2.1/16	6
1.1/2	2.1/4	6



GRUPO.: 0310...
SEXTAVADA PORCA SEXTAVADA ROSCA GROSSA (UNC/MA) AÇO 5.8 FERRO ZINCADA - POLEGADA

TAMANHO CHAVE FIO ROSCA			TAMANHO CHAVE FIO ROSCA		
5/32	1/4	32	5/8	15/16	11
3/16	5/16	24	3/4	1.1/8	10
1/4	3/8	20	7/8	1.5/16	9
1/4	7/16	20	1"	1.1/2	8
5/16	1/2	18	1.1/8	1.11/16	7
3/8	9/16	16	1.1/4	1.7/8	7
7/16	5/8	14	1.1/2	2"	6
1/2	3/4	13	2"	3"	4,5
9/16	7/8	12			



ROSCA WW GRUPO.: 0315...
SEXTAVADA PORCA SEXTAVADA WW AÇO 5.8 FERRO ZINCADA 12 FIO DE ROSCA - POLEGADA

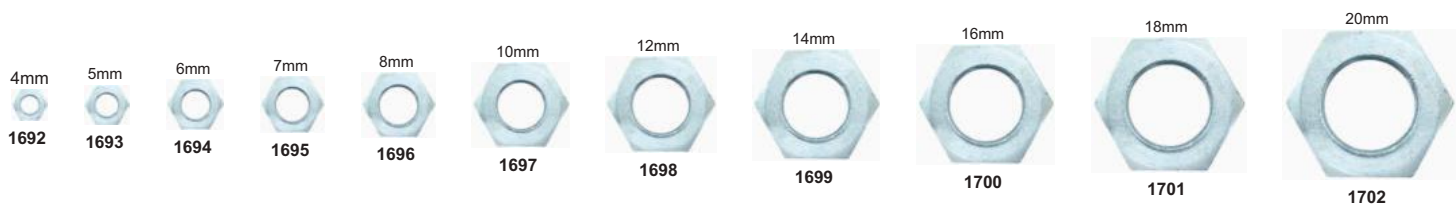
TAMANHO CHAVE FIO ROSCA

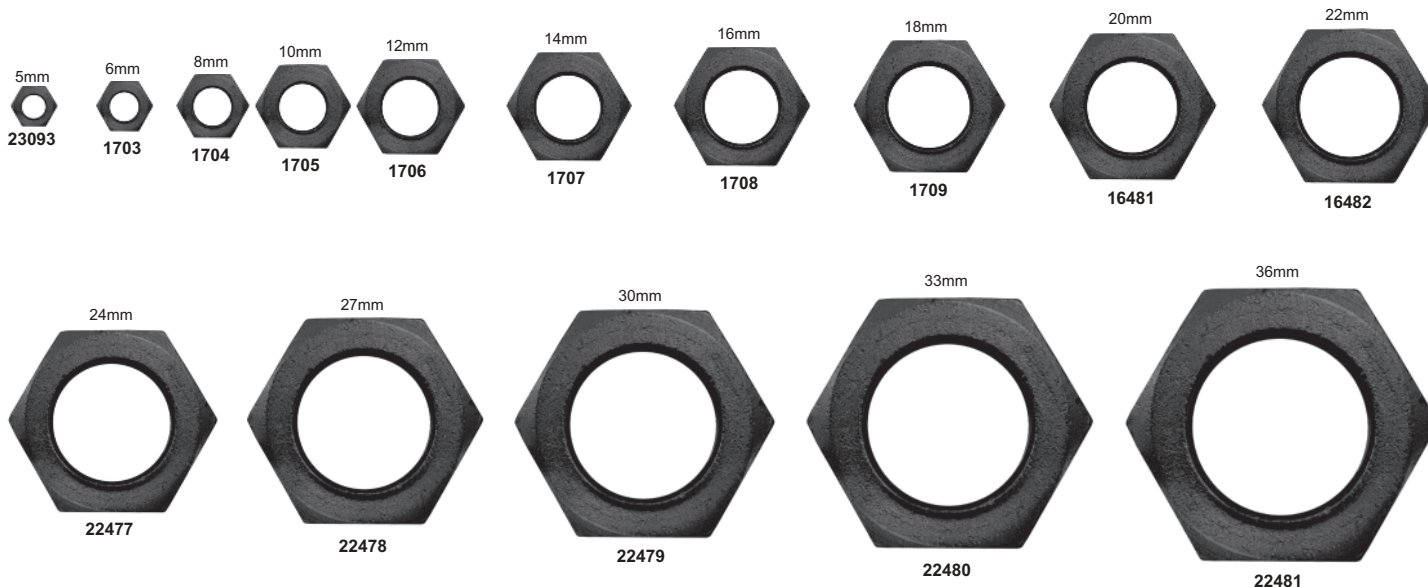
1/2	3/4	12
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GRUPO.: 0320...
SEXTAVADA PORCA SEXTAVADA ROSCA GROSSA (M) AÇO 5.8 FERRO ZINCADA - MILÍMETRO

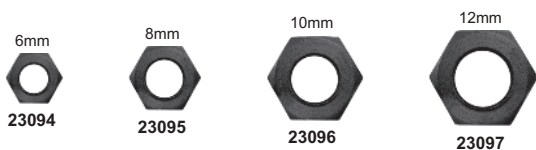
TAMANHO CHAVE FIO ROSCA			TAMANHO CHAVE FIO ROSCA		
4	7	0,70	12	19	1,75
5	8	0,80	14	22	2,00
6	10	1,00	16	24	2,00
7	11	1,00	18	27	2,50
8	13	1,25	20	30	2,50
10	17	1,50			





GRUPO: 0325...
SEXTAVADA PORCA SEXTAVADA ROSCA GROSSA (MA) AÇO 8.8 FOSFATIZADA - MILÍMETRO

TAMANHO	CHAVE	FIO ROSCA	TAMANHO	CHAVE	FIO ROSCA
6	10	1,00	20	30	2,50
8	13	1,25	22	32	2,50
10	17	1,50	24	36	3,00
12	19	1,75	27	41	3,00
14	22	2,00	30	46	3,50
16	24	2,00	33	50	3,50
18	27	2,50	36	55	4,00



AÇO 10.9

SEXTAVADA

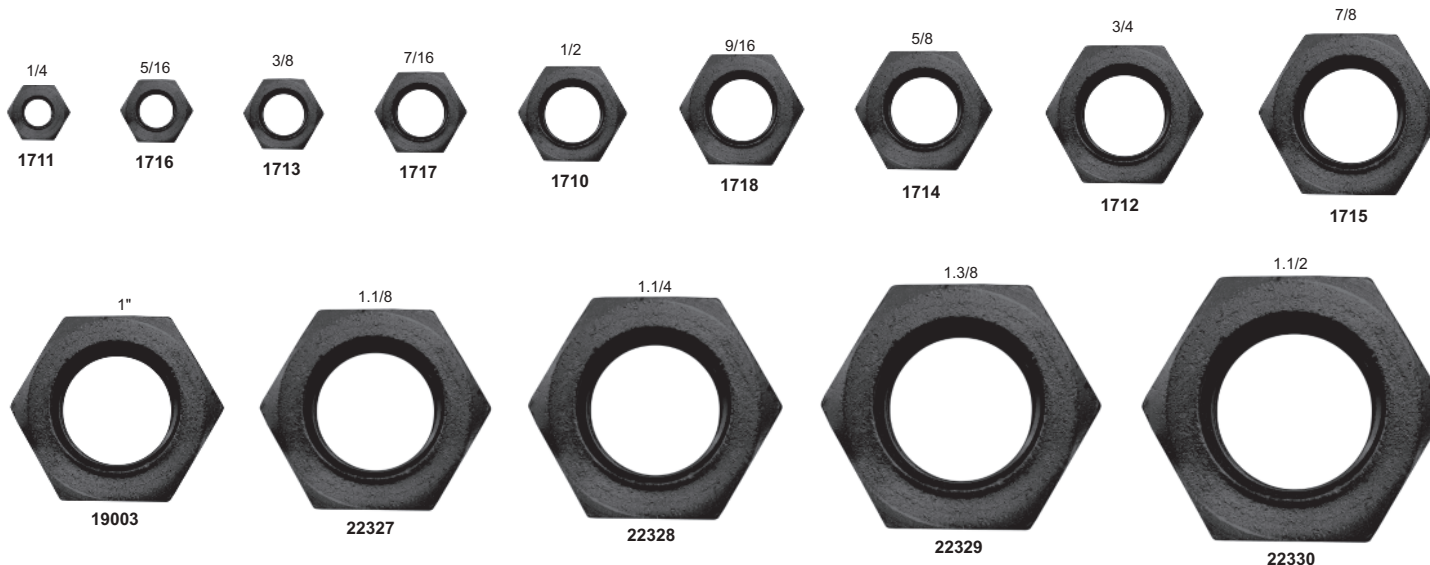
GRUPO: 0322...
PORCA SEXTAVADA ROSCA GROSSA (MA) FOSFATIZADA - MILÍMETRO

TAMANHO	CHAVE	FIO ROSCA	TAMANHO	CHAVE	FIO ROSCA
6	10	1,00	10	17	1,50
8	13	1,25	12	19	1,75



GRUPO: 0326...
FOSFATIZADA PORCA SEXTAVADA ROSCA FINA (MB) AÇO 8.8 FOSFATIZADA - MILÍMETRO

TAMANHO	CHAVE	FIO ROSCA	TAMANHO	CHAVE	FIO ROSCA
6	10	0,75	14	22	1,50
8	13	1,00	16	24	1,50
10	17	1,00	18	27	1,50
12	19	1,50	20	30	1,50



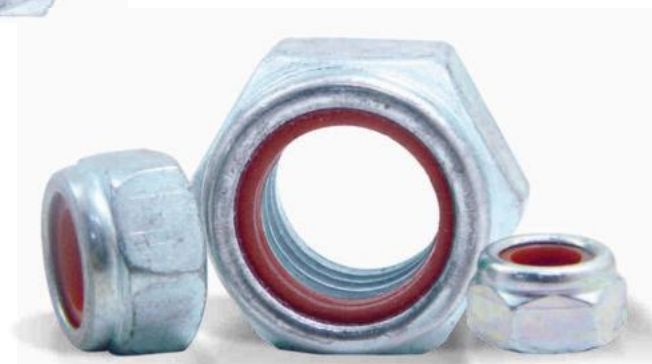
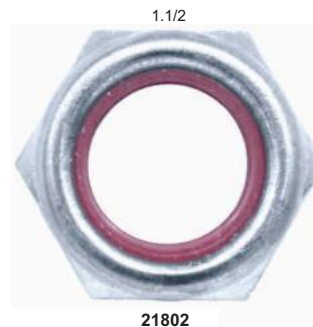
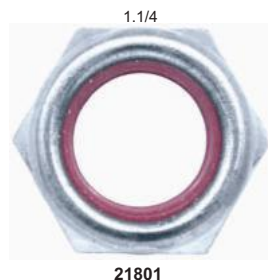
SEXTAVADA **GRUPO.: 0330...**
PORCA SEXTAVADA ROSCA GROSSA (UNC)
AÇO 8.8 FOSFATIZADA - POLEGADA

TAMANHO	CHAVE	FIO ROSCA
1/4	7/16	20
5/16	1/2	18
3/8	9/16	16
7/16	5/8	14
1/2	3/4	13
9/16	7/8	12
5/8	15/16	11
3/4	1.1/8	10
7/8	1.5/16	9
1"	1.1/2	8
1.1/8	1.11/16	7
1.1/4	1.7/8	7
1.3/8	2.1/16	6
1.1/2	2.1/4	6



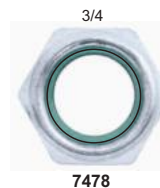
SEXTAVADA **GRUPO.: 0331...**
PORCA SEXTAVADA GRAU 5 ROSCA FINA
(UNF) FOSFATIZADA - POLEGADA

TAMANHO	CHAVE	FIO ROSCA	TAMANHO	CHAVE	FIO ROSCA
1/4	7/16	28	1/2	3/4	20
5/16	1/2	24	9/16	7/8	18
3/8	9/16	24	5/8	15/16	18
7/16	5/8	20	3/4	1.1/8	16



GRUPO.: 0340...
SEXTAVADA **PORCA SEXTAVADA AUTO TRAVANTE C/ NYLON ROSCA GROSSA (UNC) GRAU 5 - POLEGADA**

TAMANHO	CHAVE	FIO ROSCA
1/4	7/16	20
5/16	1/2	18
3/8	9/16	16
7/16	5/8	14
1/2	3/4	13
9/16	7/8	12
5/8	15/16	11
3/4	1.1/8	10
7/8	1.5/16	9
1"	1.1/2	8
1.1/8	1.11/16	7
1.1/4	1.7/8	7
1.1/2	2.1/4	6



GRUPO.: 0341...
SEXTAVADA **PORCA SEXTAVADA AUTO TRAVANTE C/ NYLON ROSCA FINA (UNF) GRAU 5 - POLEGADA**

TAMANHO	CHAVE	FIO ROSCA	TAMANHO	CHAVE	FIO ROSCA
1/4	7/16	28	1/2	3/4	20
5/16	1/2	24	9/16	7/8	18
3/8	9/16	24	5/8	15/16	18
7/16	5/8	20	3/4	1.1/16	16



GRUPO.: 0335...
SEXTAVADA **PORCA SEXTAVADA AUTO TRAVANTE C/ NYLON ROSCA GROSSA (MA) AÇO 8.8 - MILÍMETRO**

TAMANHO	CHAVE	FIO ROSCA
5	8	0,80
6	10	1,00
8	13	1,25
10	17	1,50
12	19	1,75
14	22	2,00
16	24	2,00
18	27	2,50
20	30	2,50
22	32	2,50
24	36	3,00
27	41	3,00
30	46	3,50
33	50	3,50
36	55	4,00



GRUPO.: 0336...
SEXTAVADA **PORCA SEXTAVADA AUTO TRAVANTE C/ NYLON ROSCA FINA (MB) AÇO 8.8 - MILÍMETRO**

TAMANHO	CHAVE	FIO ROSCA
8	13	1,00
10	17	1,00
12	19	1,50
14	22	1,50
16	24	1,50

6mm



11965

8mm



12624

10mm



12625

12mm



12626

TAMANHO CHAVE FIO ROSCA

6	10	1,00
8	13	1,25
10	15	1,50
12	18	1,75

1/4



22629

5/16



22630

3/8



22631

7/16



22632

1/2



22633

TAMANHO CHAVE FIO ROSCA

1/4	7/16	20
5/16	1/2	18
3/8	9/16	16
7/16	5/8	14
1/2	3/4	13

SEXTAVADA

GRUPO.: 0302...

PORCA SEXTAVADA AÇO 5.8 ROSCA GROSSA (MA) C/ FLANGE FERRO ZINCADA - MILÍMETRO



SEXTAVADA

GRUPO.: 0303...

PORCA SEXTAVADA AÇO 5.8 ROSCA GROSSA (UNC) C/ FLANGE FERRO ZINCADA - POLEGADA



3/8

1642



7/16

1643



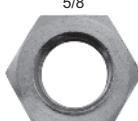
1/2

1641



9/16

1644



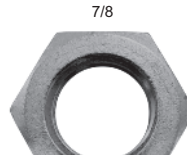
5/8

19094



3/4

10475



7/8

19095

TAMANHO CHAVE FIO ROSCA

3/8	9/16	24
7/16	5/8	20
1/2	3/4	20
9/16	7/8	18
5/8	15/16	18
3/4	1.1/16	16
7/8	1.1/4	14

SEXTAVADA

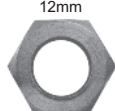
GRUPO.: 0265...

PORCA SEXTAVADA ALTA DUPLA AÇO 5.8 FERRO POLIDA ROSCA FINA (UNF) GRAU 2 - POLEGADA



10mm

19096



12mm

1645



14mm

19097



16mm

19098



18mm

1646



20mm

19099



22mm

19100

TAMANHO CHAVE FIO ROSCA

10	19	1,00
12	19	1,50
14	22	1,50
16	24	1,50
18	27	1,50
20	30	1,50
22	32	1,50

SEXTAVADA

GRUPO.: 0270...

PORCA SEXTAVADA ALTA DUPLA CLASSE 6 FERRO POLIDA ROSCA FINA (UNF) - MILÍMETRO

GRUPO.: 0290... PORCA GARRA UNC P/ MÓVEIS



GRUPO.: 0314... PORCA CALOTA GROSSA ZINCADA



POLEGADA

GRUPO.: 0307... PORCA CALOTA GROSSA INOX

MILÍMETRO



GRUPO.: 0308... PORCA CALOTA GROSSA ZINCADA

POLEGADA

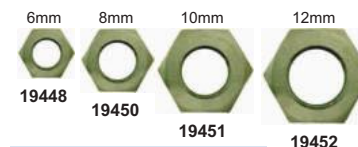


GRUPO.: 0295... PORCA BORBOLETA - POLEGADA



SEXTAVADA

GRUPO.: 0311.../0312.../0324...
PORCA SEXTAVADA AÇO 8.8 ROSCA GROSSA BICROMATIZADA



GRUPO.: 0311...
PORCA SEXT. BAIXA FERRO
ROSCA GROSSA BICRO. 5/8 BAIXA



GRUPO.: 0312...
PORCA SEXT. BAIXA FERRO
ROSCA FINA BICRO. 5/8 BAIXA



TABELA ROSCA/CHAVE MA / RG		
ESPESSURA	CHAVE	FIO ROSCA
6mm	10	1,00
8mm	13	1,25
10mm	17	1,50
12mm	19	1,75

GRUPO.: 0345...
PORCA SEXTAVADA
C/ ALÇA P/ CARROCERIA

COD. POL.

1740	5/8
1739	3/4



SEXTAVADA

GRUPO.: 0339... PORCA SEXTAVADA ROSCA GROSSA (MA) TORQUE ZINCADA - MILÍMETRO

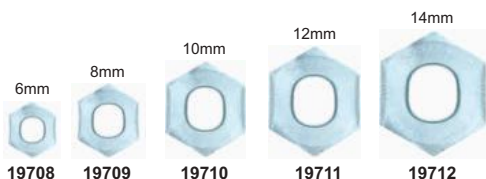


TABELA ROSCA/CHAVE MA / RG

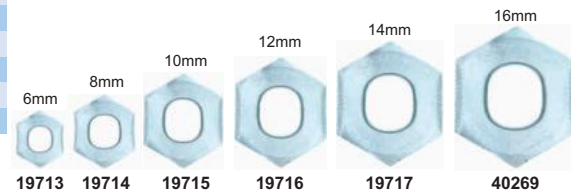
ESPESSURA	CHAVE	FIO ROSCA
6mm	10	1,00
8mm	13	1,25
10mm	17	1,50
12mm	19	1,75
14mm	22	2,00

TABELA ROSCA/CHAVE MB / RF

ESPESSURA	CHAVE	FIO ROSCA
6mm	10	0,75
8mm	13	1,00
10mm	17	1,00
12mm	19	1,50
14mm	22	1,50
16mm	24	1,50

GRUPO.: 0332... PORCA SEXTAVADA ROSCA FINA (MB) TORQUE ZINCADA - MILÍMETRO

SEXTAVADA



SEXTAVADA

GRUPO.: 0337... PORCA SEXTAVADA ROSCA GROSSA (UNC) TORQUE ZINCADA - POLEGADA

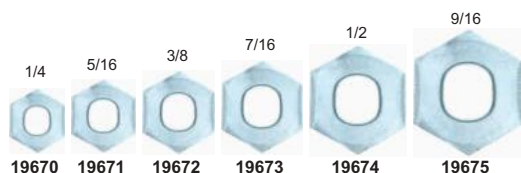


TABELA ROSCA/CHAVE UNC / RG

ESPESSURA	CHAVE	FIO ROSCA
1/4	7/16	20
5/16	1/2	18
3/8	9/16	16
7/16	5/8	14
1/2	3/4	13
9/16	7/8	12

UNF / RF

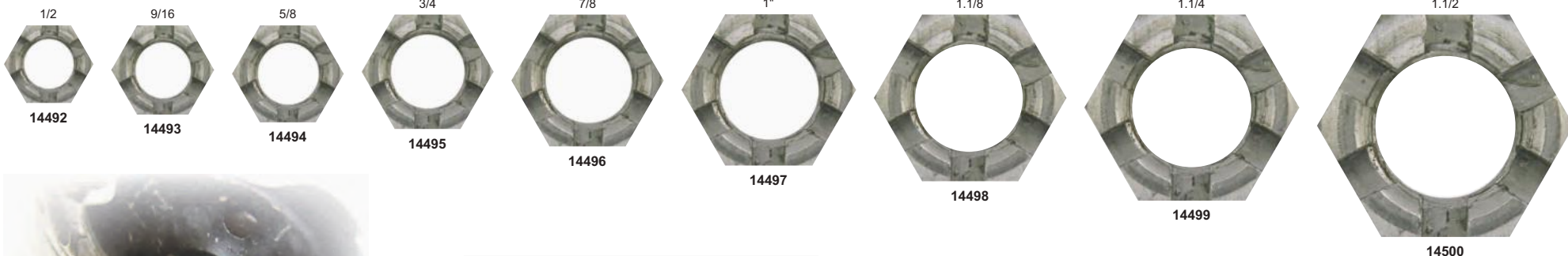
TABELA ROSCA/CHAVE

ESPESSURA	CHAVE	FIO ROSCA
1/4	7/16	28
5/16	1/2	24
3/8	9/16	24
7/16	5/8	20
1/2	3/4	20
9/16	7/8	18

GRUPO.: 0338... PORCA SEXTAVADA ROSCA FINA (UNF) TORQUE ZINCADA - POLEGADA

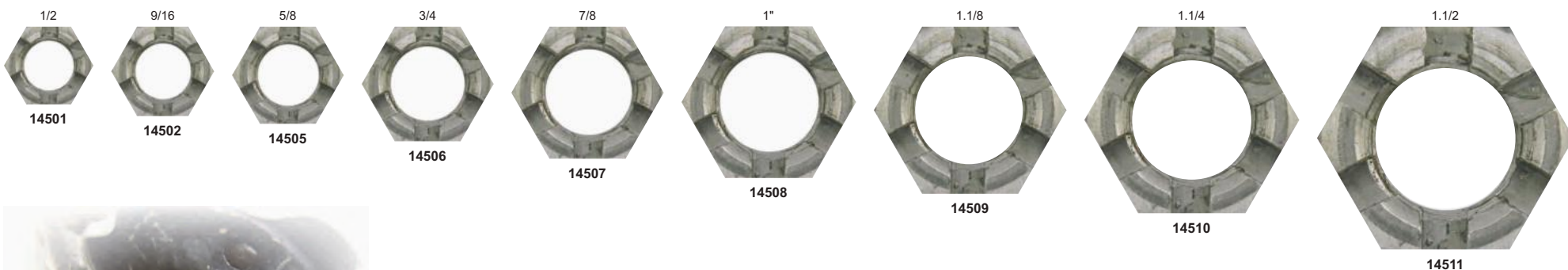
SEXTAVADA





TAMANHO	CHAVE	FIO ROSCA
1/2	3/4	13
9/16	7/8	12
5/8	15/16	11
3/4	1.1/8	10
7/8	1.5/16	09
1"	1.1/2	08
1.1/8	1.11/16	07
1.1/4	1.7/8	07
1.1/2	2"	06

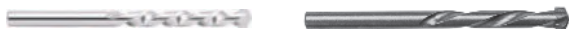
SEXTAVADA  **GRUPO.: 0342...**
PORCA CASTELO ROSCA GROSSA (UNC)
FERRO POLIDA S/ COROA - POLEGADA



TAMANHO	CHAVE	FIO ROSCA
1/2	3/4	20
9/16	7/8	18
5/8	15/16	18
3/4	1.1/8	16
7/8	1.5/16	14
1"	1.1/2	14
1.1/8	1.11/16	12
1.1/4	1.7/8	12
1.1/2	2.1/4	12

SEXTAVADA  **GRUPO.: 0343...**
PORCA CASTELO ROSCA FINA (UNF)
FERRO POLIDA S/ COROA - POLEGADA

BROCA DE WIDEA P/ CONCRETO



COD.	DIÂMETRO MM	COMP. MM
1785	4	75
1786	5	90
1787	6	100
1788	8	120
1789	10	150
1790	12	150

COD.	DIÂMETRO MM	COMP. MM
32568	4	75
32569	5	90
32570	6	90
32571	7	100
32572	8	100
32573	10	120

TRAMONTINA

BROCA AÇO RÁPIDO



COD.	DIÂMETRO POL.	COMP. MM	COD.	DIÂMETRO POL.	COMP. MM
1779	5/64	51	17103	15/64	98
1776	3/32	57	1771	1/4	102
1782	7/64	67	1783	9/32	112
1772	1/8	70	1777	5/16	117
1784	9/64	73	1773	3/8	127
1778	5/32	79	1770	7/16	140
1775	3/16	91	8926	1/2	186
17102	13/64	92	8925	3/4	205
1781	7/32	95	1774	7/8	220

COD.	DIÂMETRO MM	COMP. MM	COD.	DIÂMETRO MM	COMP. MM
1791	1,0	34	1797	7,0	109
1803	1,50	41	1812	7,50	109
1792	2,0	49	1798	8,0	117
1807	2,50	57	1813	8,50	117
1793	3,0	61	1799	9,0	125
1808	3,50	70	1814	9,50	125
1794	4,0	75	1800	10	133
1809	4,50	80	1801	12	151
1795	5,0	86	1802	14	160
1810	5,50	93	1804	16	178
1796	6,0	93	1805	18	191
1811	6,50	101			

COD.	DIÂMETRO MM	COMP. MM	COD.	DIÂMETRO MM	COMP. MM
32562	1	33	38981	6,5	94
32583	2	47	32592	7	102
38971	2,5	54	38983	7,5	102
32595	3	58	38984	8	110
32598	3,5	66	38985	8,5	110
38972	4	71	38986	9	118
38976	4,5	76	32593	10	126
32590	5	81	38990	12	143
38977	5,5	87			
32591	6	87			

TRAMONTINA

TRAMONTINA

BROCA SDS P/ CONCRETO



COD.	DIÂMETRO MM	COMP. MM	COD.	DIÂMETRO MM	COMP. MM
32558	5	110	39133	10	260
32559	6	110	39134	12	160
32560	6	160	39135	12	210
32561	6,5	160	39136	13	160
32563	8	110	39137	14	160
32564	8	160	39138	14	260
32565	8	210	39139	16	160
32566	8	260	39140	16	210
32567	10	160			
39132	10	210			

TRAMONTINA

BROCA 3 PONTAS AÇO CARBONO P/ MADEIRA



COD.	DIÂMETRO MM	COMP. MM
39112	3	60
39113	4	75
39114	5	85
39115	6	90
39116	8	110
39117	10	130
39118	12	145

TRAMONTINA

CHATA P/ MADEIRA



COD.	DIÂMETRO POL.	COMP. MM/POL.
6304	1/4	6" - 150mm
6305	5/16	6" - 150mm
6306	3/8	6" - 150mm
6307	1/2	6" - 150mm

COD.	DIÂMETRO POL.	COMP. MM/POL.	COD.	DIÂMETRO POL.	COMP. MM/POL.
39119	1/4	6" - 150mm	39124	5/8	6" - 150mm
39120	5/16	6" - 150mm	39125	3/4	6" - 150mm
39121	3/8	6" - 150mm	39126	7/8	6" - 150mm
39122	1/2	6" - 150mm	39127	1"	6" - 150mm
39123	9/16	6" - 150mm			

TRAMONTINA

JOGO DE BROCAS DE WIDEA P/ CONCRETO

COD.	DIÂMETRO MM	COMP. MM	COD.	DIÂMETRO MM	COMP. MM
39108	5	110	39109	10	260

COMPOSIÇÃO DIÂMETRO

4mm
5mm
6mm
8mm
10mm

TRAMONTINA

P/ MOURÃO FIBROCIMENTO AÇO CARBONO



COD.	DIÂMETRO POL.	COMP. MM
6301	1/4	450
6303	5/16	450
6302	3/8	450

TRAMONTINA

BROCA SDS P/ CONCRETO



COD.	DIÂMETRO MM	COMP. MM	COD.	DIÂMETRO MM	COMP. MM
19657	5	110	19664	10	160
19658	5	160	19665	10	210
19659	6	110	19666	10	260
19660	8	110	19667	12	160
19661	8	160	19668	12	210
19662	8	210	19669	12	260

3 PONTAS AÇO CARBONO P/ MADEIRA



COD.	DIÂMETRO POL.	COMP. MM
6310	4	75
6311	6	90
6312	8	115
6313	10	120
6314	12	150

EXPOSITOR DE ACRÍLICO - 28,5x30x22,5cm

**KIT BROCAS
MILÍMETRO/POLEGADAS**

TRAMONTINA COD. 39180 **TRAMONTINA**

QTD	DESCRIÇÃO	QTD	DESCRIÇÃO
1	EXPOSITOR P/ BROCAS	20	BROCA DE AÇO RÁPIDO 4 HSS
20	BROCA AÇO RÁPIDO 1/8	20	BROCA DE AÇO RÁPIDO 4,5 HSS
20	BROCA AÇO RÁPIDO 9/64	20	BROCA DE AÇO RÁPIDO 5 HSS
10	BROCA AÇO RÁPIDO 5/32	10	BROCA DE AÇO RÁPIDO 6 HSS
20	BROCA AÇO RÁPIDO 11/64	10	BROCA DE AÇO RÁPIDO 6,5 HSS
20	BROCA AÇO RÁPIDO 3/16	10	BROCA DE AÇO RÁPIDO 7 HSS
10	BROCA AÇO RÁPIDO 13/64	10	BROCA DE AÇO RÁPIDO 8 HSS
20	BROCA AÇO RÁPIDO 7/32	5	BROCA DE AÇO RÁPIDO 9 HSS
20	BROCA AÇO RÁPIDO 1/4	10	BROCA DE AÇO RÁPIDO 10 HSS
10	BROCA AÇO RÁPIDO 5/16	5	BROCA DE AÇO RÁPIDO 12 HSS
20	BROCA AÇO RÁPIDO 3/8	10	BROCA DE WIDEA 4MM
5	BROCA AÇO RÁPIDO 1/2	10	BROCA DE WIDEA 5MM
10	BROCA AÇO RÁPIDO 1 HSS	20	BROCA DE WIDEA 6MM
20	BROCA AÇO RÁPIDO 2 HSS	20	BROCA DE WIDEA 8MM
10	BROCA AÇO RÁPIDO 2,5 HSS	10	BROCA DE WIDEA 10MM
20	BROCA AÇO RÁPIDO 3 HSS	5	BROCA DE WIDEA 12MM
10	BROCA AÇO RÁPIDO 3,5 HSS		

EXPOSITOR C.
440
BROCAS

**KIT BROCAS
MILÍMETRO/POLEGADAS**

COD. 6320

QTD	DESCRIÇÃO	QTD	DESCRIÇÃO
30	Broca aço rápido 1 mm	30	Broca aço rápido 5/32"
30	Broca aço rápido 2 mm	30	Broca aço rápido 11/64"
30	Broca aço rápido 2,5 mm	30	Broca aço rápido 3/16"
30	Broca aço rápido 3 mm	30	Broca aço rápido 13/64"
30	Broca aço rápido 3,5 mm	30	Broca aço rápido 7/32"
30	Broca aço rápido 4 mm	30	Broca aço rápido 1/4"
30	Broca aço rápido 4,5 mm	15	Broca aço rápido 5/16"
30	Broca aço rápido 5 mm	15	Broca aço rápido 3/8"
20	Broca aço rápido 6 mm	10	Broca aço rápido 1/2"
20	Broca aço rápido 6,5 mm	30	Broca de widea 4 mm
20	Broca aço rápido 7 mm	30	Broca de widea 5 mm
20	Broca aço rápido 8 mm	30	Broca de widea 6 mm
20	Broca aço rápido 9 mm	20	Broca de widea 8 mm
20	Broca aço rápido 10 mm	20	Broca de widea 10 mm
10	Broca aço rápido 12 mm	10	Broca de widea 12 mm
30	Broca aço rápido 1/8"	1	Expositor para brocas
30	Broca aço rápido 9/64"		

EXPOSITOR C.
790
BROCAS

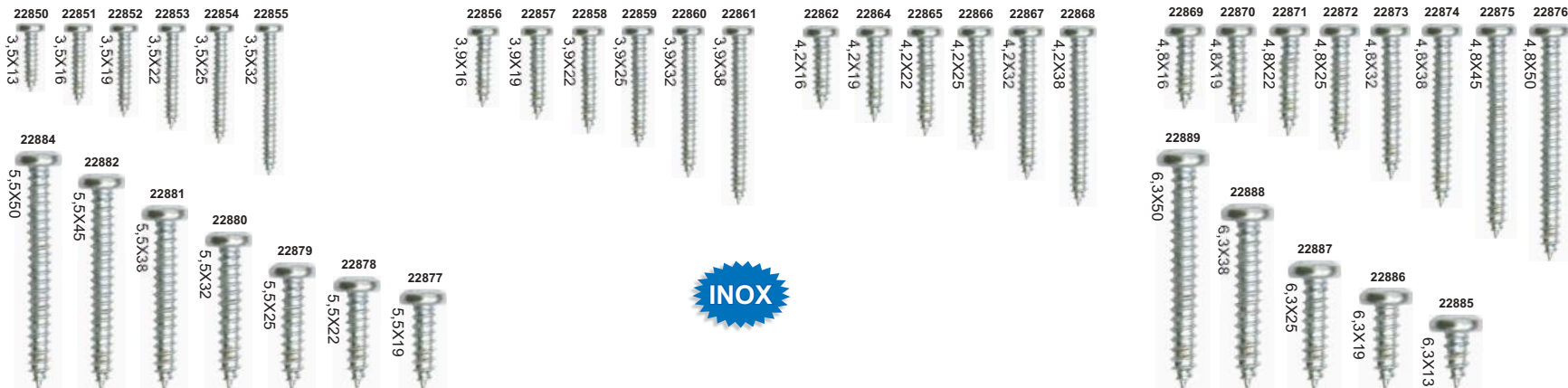
*** Não Acompanha Brocas**

COD. 6681
BROCAS EM MILÍMETRO/POLEGADAS

*** Acompanha Brocas**



CABEÇA PANELA/PHILLIPS



INOX



INOX

TABELA ROSCA/CHAVE		
ESPESSURA	MA / RG	CHAVE
6mm	1,00	10
8mm	1,25	13
10mm	1,50	17

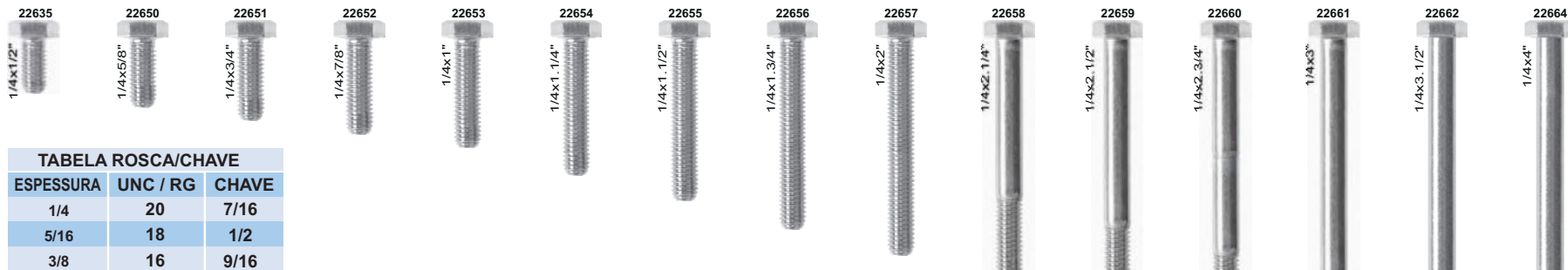


TABELA ROSCA/CHAVE		
ESPESSURA	UNC / RG	CHAVE
1/4	20	7/16
5/16	18	1/2
3/8	16	9/16



22789

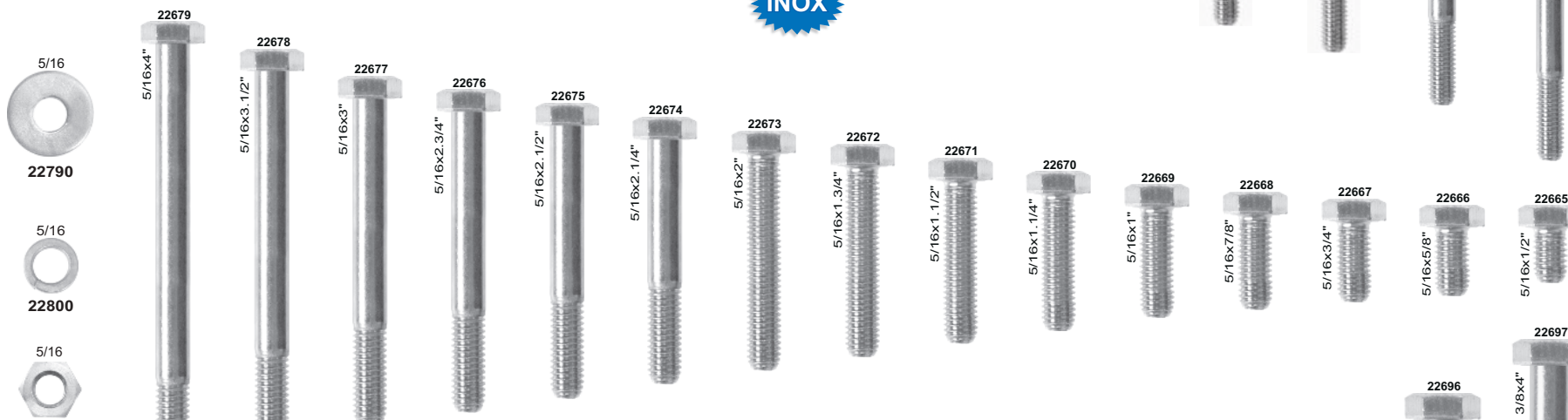


22799



22818

INOX



22790

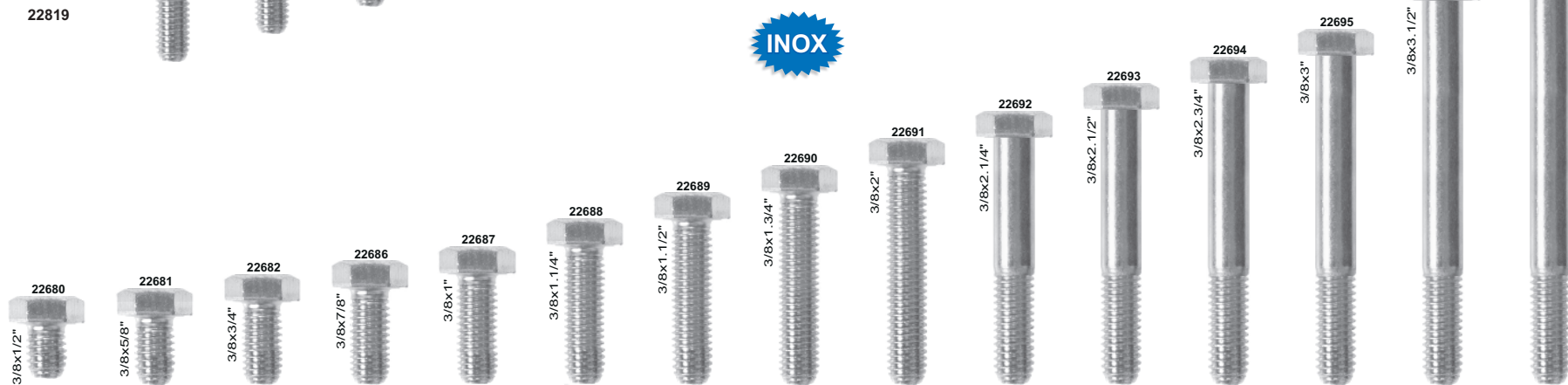


22800



22819

INOX



22791



22801



22820



INOX

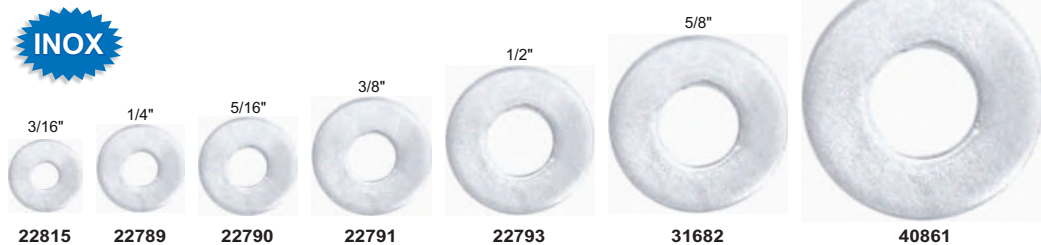


INOX



INOX

GRUPO: 0221...ARRUELA LISA AÇO INOX POLEGADA



GRUPO: 0226... ARRUELA LISA AÇO INOX - MILÍMETRO



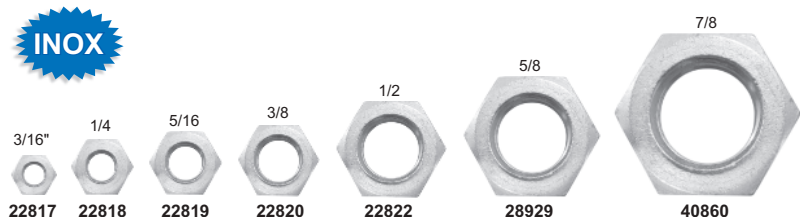
GRUPO: 0236... ARRUELA PRESSÃO AÇO INOX - POLEGADA



GRUPO: 0246... ARRUELA PRESSÃO AÇO INOX - MILÍMETRO



GRUPO.: 0306... PORCA SEXTAVADA INOX ROSCA GROSSA (UNC) POLEGADA



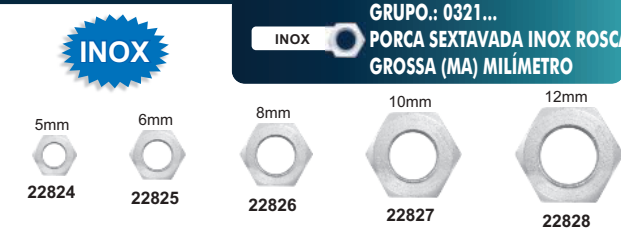
UNC / RG
TABELA ROSCA/CHAVE

ESPESSURA	CHAVE
3/16	5/16
1/4	7.1/6
5/16	1/2
3/8	9/16
1/2	3/4
5/8	15/16
7/8	1.5/16

MA / RG
TABELA ROSCA/CHAVE

ESPESSURA	CHAVE
5mm	8
6mm	10
8mm	13
10mm	17
12mm	19

GRUPO.: 0321... PORCA SEXTAVADA INOX ROSCA GROSSA (MA) MILÍMETRO



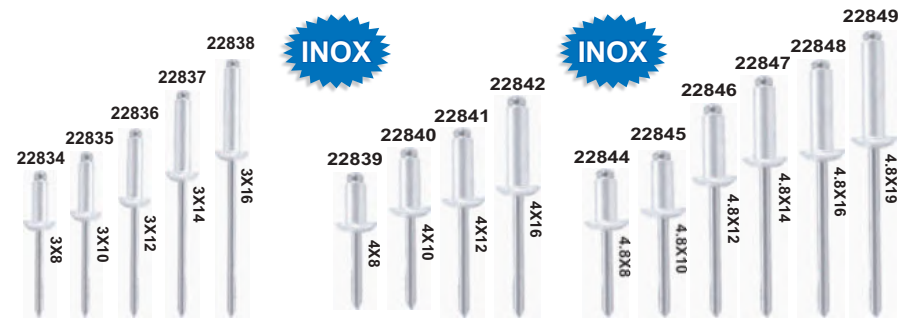
GRUPO.: 0256... ARRUELA FUNILEIRO AÇO INOX POLEGADA



GRUPO: 0605... REBITE DE REPUXO AÇO INOX (REBITE 3)

GRUPO: 0605... REBITE DE REPUXO AÇO INOX (REBITE 4)

GRUPO: 0605... REBITE DE REPUXO AÇO INOX (REBITE 4.8)



Cod. 38502
PARAFUSO CHIPBOARD PHILIPS CABEÇA CHATA BICROMATIZADO KIT C/ 40.300 ÍTENS

PARAFUSO CHIPBOARD PHILIPS

DESCRIÇÃO / TAMANHO	QTDE	UND.
ESTANTE COMP. C/ 60 GAVETA AZUL Nº 3	1	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X10	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X12	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X14	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X16	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X20	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X22	500	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X25	1000	PÇ
CABEÇA CHATA BICROMATIZADO 3,0X30	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X12	500	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X14	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X16	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X20	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X25	500	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X30	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X35	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X40	500	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X45	1000	PÇ
CABEÇA CHATA BICROMATIZADO 4,0X50	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X25	500	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X30	500	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X35	500	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X40	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X45	400	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X50	900	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X60	600	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X70	300	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X80	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X25	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X30	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X35	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X40	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X45	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X50	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X60	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X65	100	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X70	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X80	200	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X90	100	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X100	100	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X110	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X120	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X140	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X160	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X180	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X200	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X220	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X240	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X260	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X280	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X300	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X320	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X340	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X360	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X380	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X400	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X420	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X440	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X460	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X480	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X500	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X520	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X540	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X560	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X580	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X600	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X620	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X640	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X660	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X680	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X700	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X720	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X740	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X760	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X780	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X800	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X820	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X840	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X860	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X880	1000	PÇ
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CABEÇA CHATA BICROMATIZADO 5,0X940	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X960	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X980	1000	PÇ
CABEÇA CHATA BICROMATIZADO 5,0X1000	1000	PÇ



FOTO ILUSTRATIVA



PARAFUSO CHIPBOARD

Cod. 1037
KIT PARAFUSO SEXTAVADO FOSFATIZADO MILÍMETRO (PARAFUSO/PORCA/ARRUELA)
KIT C/ 16.200 ÍTENS

PARAFUSO SEXTAVADO AÇO 8.8 MA RG

DESCRIÇÃO / TAMANHO	QTDE	UND.
ESTANTE COMP. C/ 60 GAVETAS Nº 3 AZUL	1	PÇ
AÇO 8.8. MM MA (RG) FOSF. 6X10	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X15	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X20	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X25	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X30	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X35	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X40	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X50	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X60	100	PC
AÇO 8.8. MM MA (RG) FOSF. 6X70	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X15	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X20	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X25	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X30	1000	PC
AÇO 8.8. MM MA (RG) FOSF. 8X35	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X40	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X45	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X50	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X60	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X70	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X80	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X90	100	PC
AÇO 8.8. MM MA (RG) FOSF. 8X100	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X15	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X20	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X25	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X30	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X35	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X40	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X45	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X50	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X60	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X70	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X80	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X90	100	PC
AÇO 8.8. MM MA (RG) FOSF. 10X100	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X20	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X25	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X30	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X35	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X40	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X45	100	PC
AÇO 8.8. MM MA (RG) FOSF. 12X50	50	PC
AÇO 8.8. MM MA (RG) FOSF. 12X60	50	PC
AÇO 8.8. MM MA (RG) FOSF. 12X70	50	PC
AÇO 8.8. MM MA (RG) FOSF. 12X80	50	PC
AÇO 8.8. MM MA (RG) FOSF. 12X90	50	PC
AÇO 8.8. MM MA (RG) FOSF. 12X100	50	PC
ARRUELA LISA AÇO 5.8 ZINC. 6MM (C/100)	10	CT
ARRUELA LISA AÇO 5.8 ZINC. 8MM (C/100)	10	CT
ARRUELA LISA AÇO 5.8 ZINC. 10MM (C/100)	10	CT
ARRUELA LISA AÇO 5.8 ZINC. 12MM	9	PÇ
ARRUELA PRES. AÇO 5.8 ZB 6 MM (PT.C/100)	10	CT
ARRUELA PRES. AÇO 5.8 ZB 8 MM (PT.C/100)	10	CT
ARRUELA PRES. AÇO 5.8 ZB 10 MM (PT.C/100)	10	CT
ARRUELA PRES. AÇO 5.8 ZB 12MM	9	PÇ
PORCA SEXT. MA(RG) AÇO 8.8 FOSF. 6 MM	10	CT
PORCA SEXT. MA(RG) AÇO 8.8 FOSF. 8 MM	10	CT
PORCA SEXT. MA(RG) AÇO 8.8 FOSF. 10 MM	10	PC
PORCA SEXT. MA(RG) AÇO 8.8 FOSF. 12 MM	9	PÇ



FOTO ILUSTRATIVA



PARAFUSO LISA PRESSÃO PORCA

Cod. 215

**KIT PARAFUSO AUTO ATARRAXANTE ZINCADO
CABEÇA PANELA/CHATA/PHILLIPS
KIT C/ 24.000 ÍTENS**

**PARAFUSO ROSCA SOBERBA CABEÇA
PANELA/CHATA/PHILLIPS**

DESCRIÇÃO / TAMANHO	QTDE	UND.
ESTANTE COMP. C/ 60 GAVETAS Nº 3 AZUL	1	PÇ
2,9X13 CAB. PANELA FENDA SIMPLES	5	CT
2,9X16 CAB. PANELA FENDA SIMPLES	5	CT
2,9X19 CAB. PANELA FENDA SIMPLES	5	CT
3,5X13 CAB. PANELA FENDA SIMPLES	5	CT
3,5X16 CAB. PANELA FENDA SIMPLES	5	CT
3,5X19 CAB. PANELA FENDA SIMPLES	5	CT
3,5X25 CAB. PANELA FENDA SIMPLES	5	CT
3,9X16 CAB. PANELA FENDA SIMPLES	5	CT
3,9X19 CAB. PANELA FENDA SIMPLES	5	CT
3,9X25 CAB. PANELA FENDA SIMPLES	5	CT
3,9X32 CAB. PANELA FENDA SIMPLES	5	CT
4,2X16 CAB. PANELA FENDA SIMPLES	5	CT
4,2X19 CAB. PANELA FENDA SIMPLES	5	CT
4,2X25 CAB. PANELA FENDA SIMPLES	5	CT
4,2X38 CAB. PANELA FENDA SIMPLES	5	CT
4,8X16 CAB. PANELA FENDA SIMPLES	5	CT
4,8X19 CAB. PANELA FENDA SIMPLES	5	CT
4,8X25 CAB. PANELA FENDA SIMPLES	5	CT
4,8X32 CAB. PANELA FENDA SIMPLES	5	CT
4,8X38 CAB. PANELA FENDA SIMPLES	5	CT
4,8X45 CAB. PANELA FENDA SIMPLES	2	CT
4,8X50 CAB. PANELA FENDA SIMPLES	2	CT
5,5X19 CAB. PANELA FENDA SIMPLES	2	CT
5,5X25 CAB. PANELA FENDA SIMPLES	2	CT
5,5X38 CAB. PANELA FENDA SIMPLES	2	CT
5,5X50 CAB. PANELA FENDA SIMPLES	2	CT
6,3X19 CAB. PANELA FENDA SIMPLES	2	CT
6,3X25 CAB. PANELA FENDA SIMPLES	2	CT
6,3X38 CAB. PANELA FENDA SIMPLES	2	CT
6,3X50 CAB. PANELA FENDA SIMPLES	2	CT
2,9X13 CAB. CHATA FENDA SIMPLES	5	CT
2,9X16 CAB. CHATA FENDA SIMPLES	5	CT
2,9X19 CAB. CHATA FENDA SIMPLES	5	CT
3,5X13 CAB. CHATA FENDA SIMPLES	5	CT
3,5X16 CAB. CHATA FENDA SIMPLES	5	CT
3,5X19 CAB. CHATA FENDA SIMPLES	5	CT
3,5X25 CAB. CHATA FENDA SIMPLES	5	CT
3,9X16 CAB. CHATA FENDA SIMPLES	5	CT
3,9X19 CAB. CHATA FENDA SIMPLES	5	CT
3,9X25 CAB. CHATA FENDA SIMPLES	5	CT
3,9X32 CAB. CHATA FENDA SIMPLES	5	CT
4,2X16 CAB. CHATA FENDA SIMPLES	5	CT
4,2X19 CAB. CHATA FENDA SIMPLES	5	CT
4,2X25 CAB. CHATA FENDA SIMPLES	5	CT
4,2X38 CAB. CHATA FENDA SIMPLES	5	CT
4,8X16 CAB. CHATA FENDA SIMPLES	5	CT
4,8X19 CAB. CHATA FENDA SIMPLES	5	CT
4,8X25 CAB. CHATA FENDA SIMPLES	5	CT
4,8X32 CAB. CHATA FENDA SIMPLES	5	CT
4,8X38 CAB. CHATA FENDA SIMPLES	5	CT
4,8X45 CAB. CHATA FENDA SIMPLES	2	CT
4,8X50 CAB. CHATA FENDA SIMPLES	2	CT
5,5X19 CAB. CHATA FENDA SIMPLES	2	CT
5,5X25 CAB. CHATA FENDA SIMPLES	2	CT
5,5X38 CAB. CHATA FENDA SIMPLES	2	CT
5,5X50 CAB. CHATA FENDA SIMPLES	2	CT
6,3X19 CAB. CHATA FENDA SIMPLES	2	CT
6,3X25 CAB. CHATA FENDA SIMPLES	2	CT
6,3X38 CAB. CHATA FENDA SIMPLES	2	CT
6,3X50 CAB. CHATA FENDA SIMPLES	2	CT



FOTO ILUSTRATIVA



CABEÇA PANELA



CABEÇA CHATA

Cod. 657

**KIT PARAFUSO SEXTAVADO ZINCADO POLEGADA
(PARAFUSO/PORCA/ARRUELA)
KIT C/ 12.800 ÍTENS**

**PARAFUSO SEXTAVADO
AÇO 5.8 ZINCADO NC RG**

DESCRIÇÃO / TAMANHO	QTDE	UND.
GAVETA AZUL REFORÇADA Nº 3	1	PÇ
ARMAÇÃO AÇO PINTADA P/ 60 GAV. Nº 3	60	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X1"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X1.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X2"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X2.1/2	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X3"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X3.1/2	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X4"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X5"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/2X6"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X3/4	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X1/2	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X1"	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X1.1/2	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X2"	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X2.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X3"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X3.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 1/4X4"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X3/4	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X1"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X1.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X2"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X2.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X3"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X3.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X4"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X5"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 3/8X6"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X3/4	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X1"	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X1.1/2	200	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X2"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X2.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X3"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X3.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 5/16X4"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X1"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X1.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X2"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X2.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X3"	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X3.1/2	100	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X4"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X5"	50	PÇ
ROSCA GROSSA AÇO 5.8 ZINCADO 7/16X6"	50	PÇ
PORCA SEX. UNC (RG) ZINCADO 1/4"	500	PÇ
PORCA SEX. UNC (RG) ZINC. 1/4 (pct cl 100)	15	CT
PORCA SEX. UNC (RG) ZINC. 3/8 (pct cl 100)	10	CT
PORCA SEX. UNC (RG) ZINC. 5/16 (pct cl 100)	15	CT
PORCA SEX. UNC (RG) ZINC. 7/16 (pct cl 100)	5	CT
ARRUELA PRESSÃO AÇO 5.8 ZB 1/2	500	PÇ
ARRUELA PRES. AÇO 5.8 ZB 1/4 (pct cl 100)	10	CT
ARRUELA PRES. AÇO 5.8 ZB 3/8 (pct cl 100)	5	CT
ARRUELA PRES. AÇO 5.8 ZB 5/16 (pct cl 100)	10	CT
ARRUELA PRES. AÇO 5.8 ZB 7/16 (pct cl 100)	5	CT
ARRUELA LISA AÇO 5.8 ZINC. 1/2	500	PÇ
ARRUELA LISA AÇO 5.8 ZINC. 1/4	15	CT
ARRUELA LISA AÇO 5.8 ZINC. 3/8	10	CT
ARRUELA LISA AÇO 5.8 ZINC. 5/16	15	CT
ARRUELA LISA AÇO 5.8 ZINC. 7/16 (C/50)	5	CT



FOTO ILUSTRATIVA



PARAFUSO LISA PRESSÃO PORCA

Cod. 913

**KIT PARAFUSO FRANCÊS ZINCADO POLEGADA
KIT C/ 5.100 ÍTENS**

**PARAFUSO FRANCÊS AÇO 5.8
ZINCADO C/ PORÇA**

DESCRIÇÃO / TAMANHO	QTDE	UND.
ESTANTE COMP. C/ 60 GAVETAS Nº 3 AZUL	1	PÇ
AÇO 5.8 ZINC. 3/16X3/4 C/PORCA	200	PÇ
AÇO 5.8 ZINC. 3/16X1" C/PORCA	200	PÇ
AÇO 5.8 ZINC. 3/16X1.1/2 C/PORCA	200	PÇ
AÇO 5.8 ZINC. 3/16X2" C/PORCA	200	PÇ
AÇO 5.8 ZINC. 1/2X2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 1/2X2 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 1/2X3" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 1/2X3 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 1/2X4" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 1/2X5" C/PORCA	25	PÇ
AÇO 5.8 ZINC. 1/2X6" C/PORCA	25	PÇ
AÇO 5.8 ZINC. 1/2X7" C/PORCA	25	PÇ
AÇO 5.8 ZINC. 1/2X8" C/PORCA	25	PÇ
AÇO 5.8 ZINC. 1/4X3/4 C/PORCA	200	PÇ
AÇO 5.8 ZINC. 1/4X1" C/PORCA	200	PÇ
AÇO 5.8 ZINC. 1/4X1 1/2" C/PORCA	200	PÇ
AÇO 5.8 ZINC. 1/4X2" C/PORCA	200	PÇ
AÇO 5.8 ZINC. 1/4X2 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 1/4X3" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 1/4X3 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 1/4X4" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 1/4X4 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 1/4X5" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X1" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X1 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X2 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X3" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X3 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X4" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X4 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X5" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X5 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X6" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X6 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X7" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X7 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X8" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X8 1/2" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 3/8X9" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 3/8X10" C/PORCA	50	PÇ
AÇO 5.8 ZINC. 5/16X1" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X1 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X2 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X3" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X3 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X4" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X5" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X5 1/2" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X7" C/PORCA	100	PÇ
AÇO 5.8 ZINC. 5/16X8" C/PORCA	100	PÇ



FOTO ILUSTRATIVA

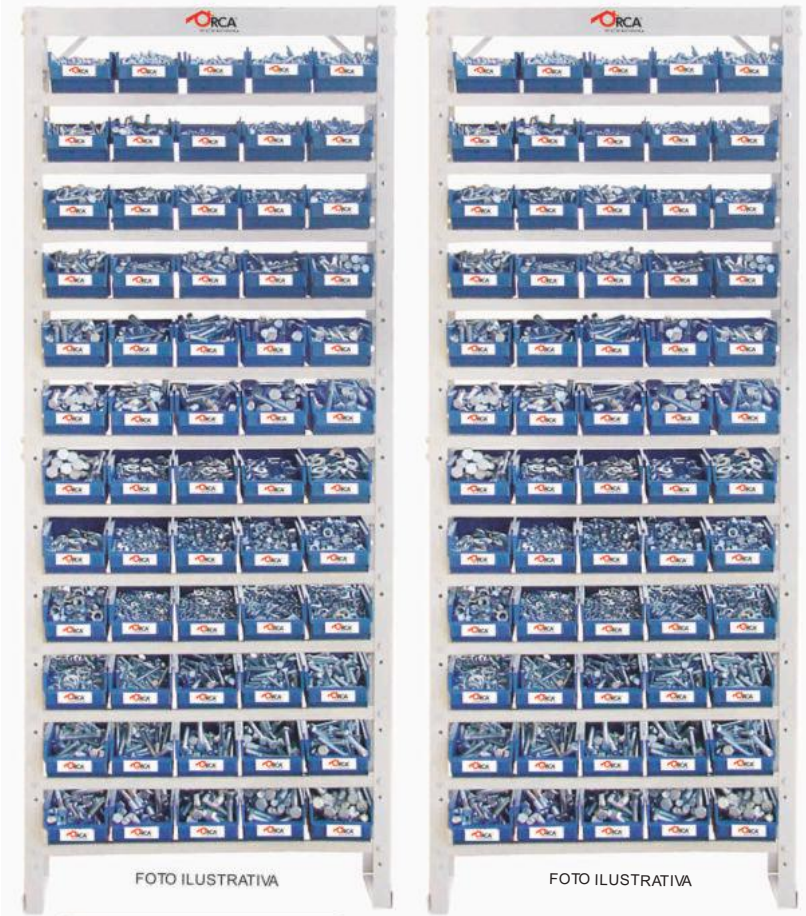


PARAFUSO C/ PORCA

**PARAFUSO ROSCA SOBERBA/MÁQUINA/SEXTAVADO/FRANCÊS
ARRUELA LISA/ARRUELA PRESSÃO/PORCA ESTAMPADA**

DESCRIÇÃO / TAMANHO	QTDE	UND.	DESCRIÇÃO / TAMANHO	QTDE	UND.	DESCRIÇÃO / TAMANHO	QTDE	UND.
ESTANTE COMP. C/ 60 GAVETAS Nº 3 AZUL	1	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 1/4X40	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X2"	100	PÇ
ESTANTE COMP. C/ 60 GAVETAS Nº 3 AZUL	1	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 1/4X50	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X3"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 2,5X12	1000	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 1/4X60	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X4"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 2,5X20	1000	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 1/4X70	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X5"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 2,8X20	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 1/4X3"	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X6"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,2X12	1000	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 1/4X1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X1.1/2	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,2X16	1000	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 1/4X3/4	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X2.1/2	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,2X22	1000	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 1/4X1.1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X3.1/2	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,2X30	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 1/4X2.1/2	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 3/8X50	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,5X15	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X1"	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 3/8X60	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,5X16	1000	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X2"	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 3/8X70	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,5X20	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X3"	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 3/8X80	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,5X25	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X4"	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 3/8X90	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,5X40	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X1.1/2	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 5/16X40	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,8X16	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X2.1/2	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 5/16X50	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,8X22	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 3/8X3.1/2	100	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 5/16X60	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,8X30	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X1"	200	PÇ	SEXTAVADO ROSCA SOBERBA ZINC. 5/16X70	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 3,8X40	200	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X2"	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X1"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 2,8X45	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X3"	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X2"	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,2X20	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X4"	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X3"	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,2X25	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X3/4	200	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X4"	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,2X30	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X1.1/2	200	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X5"	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,2X40	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X2.1/2	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X6"	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,2X50	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 5/16X3.1/2	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X1.1/2	100	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,5X22	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X2"	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X2.1/2	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,5X30	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X3"	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/2X3.1/2	50	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,5X40	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X4"	50	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/4X1"	200	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,5X50	200	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X4"	50	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINCADO 1/4X2"	200	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,5X65	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X1.1/2	100	PÇ	ARRUELA LISA AÇO 5.8 ZINC. 1/2" x 2,70mm	500	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,8X25	100	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X2.1/2	100	PÇ	ARRUELA LISA AÇO 5.8 ZINC. 1/4" x 1,20mm	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,8X30	500	PÇ	SEXTAVADO (R G) AÇO 5.8 ZINC. 7/16X3.1/2	100	PÇ	ARRUELA LISA AÇO 5.8 ZINC. 3/8" x 1,20mm	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,8X40	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X2"	50	PÇ	ARRUELA LISA AÇO 5.8 ZINC. 5/16" x 1,20mm	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,8X50	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X3"	50	PÇ	ARRUELA LISA AÇO 5.8 ZINC. 7/16" x 2,00mm	500	PÇ
SOBERBA FENDA SIMP. MADEIRA 4,8X65	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X4"	50	PÇ	ARRUELA DE PRESSÃO AÇO 5.8 ZINC. 1/2"	500	PÇ
SOBERBA FENDA SIMP. MADEIRA 5,5X25	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X5"	25	PÇ	ARRUELA DE PRESSÃO AÇO 5.8 ZINC. 3/8"	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 5,5X30	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X6"	25	PÇ	ARRUELA DE PRESSÃO AÇO 5.8 ZINC. 5/16"	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 5,5X40	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X7"	25	PÇ	ARRUELA DE PRESSÃO AÇO 5.8 ZINC. 7/16"	500	PÇ
SOBERBA FENDA SIMP. MADEIRA 5,5X50	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X8"	25	PÇ	PORCA ESTAMPADA POLEGADA - 1/8"	1500	PÇ
SOBERBA FENDA SIMP. MADEIRA 5,5X65	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X10"	25	PÇ	PORCA ESTAMPADA POLEGADA - 3/16"	1500	PÇ
SOBERBA FENDA SIMP. MADEIRA 6,1X30	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X12.1/2	50	PÇ	PORCA ESTAMPADA POLEGADA - 5/32"	2000	PÇ
SOBERBA FENDA SIMP. MADEIRA 6,1X40	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/2X3.1/2	50	PÇ	PORCA SEXTAVADA AÇO 5.8 (R G) ZINC. 1/2"	500	PÇ
SOBERBA FENDA SIMP. MADEIRA 6,1X50	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X1"	200	PÇ	PORCA SEXTAVADA AÇO 5.8 (R G) ZINC. 1/4"	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 6,1X65	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X2"	200	PÇ	PORCA SEXTAVADA AÇO 5.8 (R G) ZINC. 3/8"	1000	PÇ
SOBERBA FENDA SIMP. MADEIRA 6,1X75	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X3"	100	PÇ	PORCA SEXTAVADA AÇO 5.8 (R G) ZINC. 5/16"	1000	PÇ
MÁQUINA FENDA CAB. REDONDA 1/8X1"	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X4"	100	PÇ	PORCA SEXTAVADA AÇO 5.8 (R G) ZINC. 7/16"	500	PÇ
MÁQUINA FENDA CAB. REDONDA 1/8X1/2"	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X5"	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 1/8X3/4	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X3/4	200	PÇ			
MÁQUINA FENDA CAB. REDONDA 1/8X1.1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X1.1/2	200	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X1	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X2.1/2	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X2	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 1/4X3.1/2	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X3	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X2"	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X1/2	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X3"	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X3/4	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X4"	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X1.1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X5"	50	PÇ			
MÁQUINA FENDA CAB. REDONDA 3/16X2.1/2	100	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X6"	50	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X1	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X7"	50	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X8"	50	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X1/2	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X1.1/2	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X3/4	500	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X2.1/2	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X1.1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 3/8X3.1/2	100	PÇ			
MÁQUINA FENDA CAB. REDONDA 5/32X2.1/2	200	PÇ	FRANCÊS C/ PORCA AÇO 5.8 ZINC. 5/16X1"	100	PÇ			

**Cod. 656
KIT PARAFUSO POLEGADA C/ 50.900 ÍTEMS
(PARAFUSO/PORCA/ARRUELAS)**



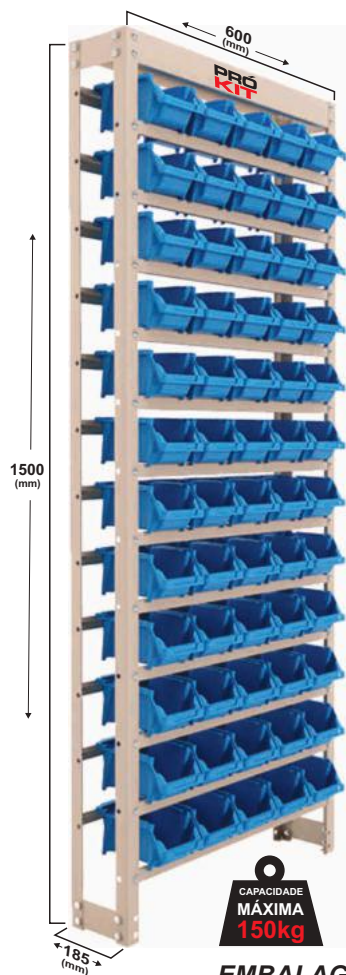


COD. - 21671

**ESTANTE GAVETEIRO ORGANIZADOR 60X3
C/ GAVETA AZUL Nº 3**



5492 - GAVETA AZUL Nº 3



CAPACIDADE
MÁXIMA
150kg

EMBALAGEM SLIM

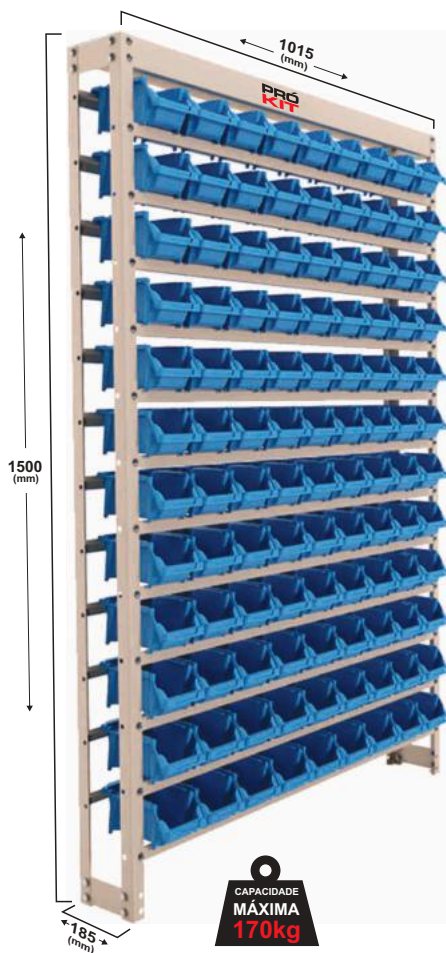


COD. - 21672

**ESTANTE GAVETEIRO ORGANIZADOR 108X3
C/ GAVETA AZUL Nº 3**



5492 - GAVETA AZUL Nº 3



CAPACIDADE
MÁXIMA
170kg

EMBALAGEM SLIM

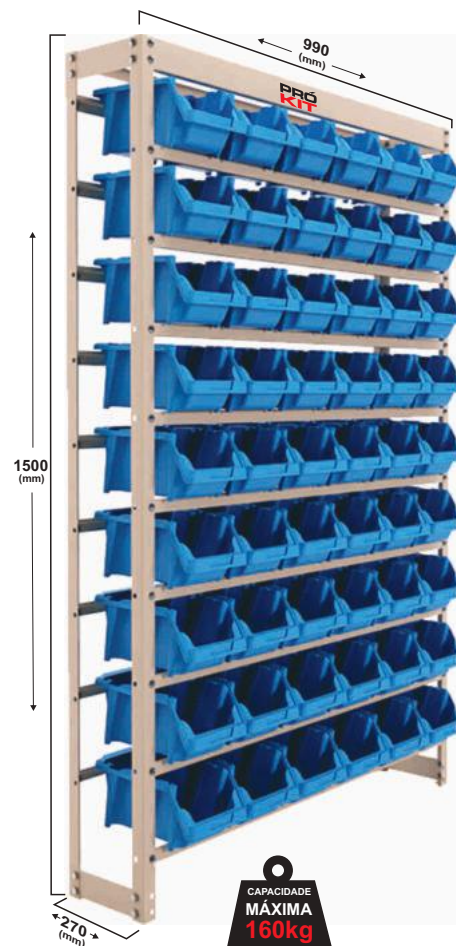


COD. - 21673

**ESTANTE GAVETEIRO ORGANIZADOR 54X5
C/ GAVETA AZUL Nº 5**



5492 - GAVETA AZUL Nº 3



CAPACIDADE
MÁXIMA
160kg

EMBALAGEM SLIM

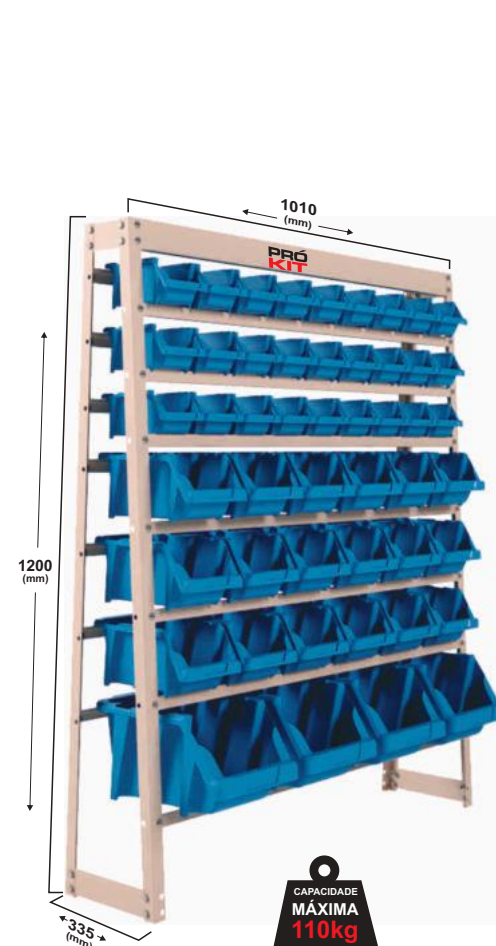


COD. - 21674

**ESTANTE GAVETEIRO ORGANIZADOR
27/3 - 18/5 04/7 C/ GAVETA AZUL Nº 3/5/7**



5492 - GAVETA AZUL Nº 3
5493 - GAVETA AZUL Nº 5
5494 - GAVETA AZUL Nº 7



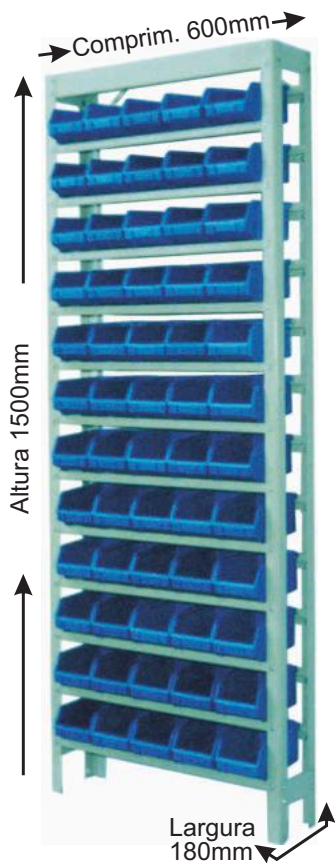
CAPACIDADE
MÁXIMA
110kg

EMBALAGEM SLIM





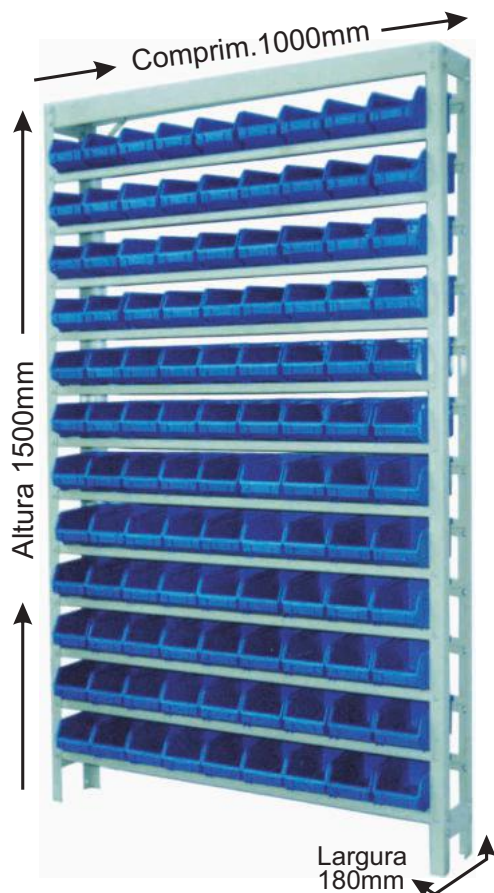
5492 - GAVETA AZUL Nº 3
5499 - GAVETA PRETA Nº 3
COD. 5517 - ARMAÇÃO 3/6
SOMENTE ARMAÇÃO



COD. - 5504
ESTANTE COMPLETA 3X60 C/ GAVETA AZUL Nº 3
COD. - 5509
ESTANTE COMPLETA 3X60 C/ GAVETA PRETA Nº 3



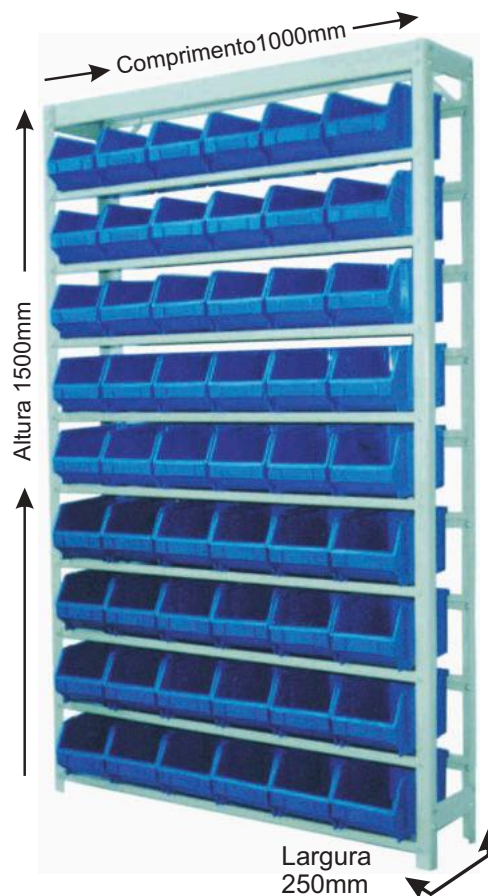
5492 - GAVETA AZUL Nº 3
5499 - GAVETA PRETA Nº 3
COD. 5518 - ARMAÇÃO 3/108
SOMENTE ARMAÇÃO



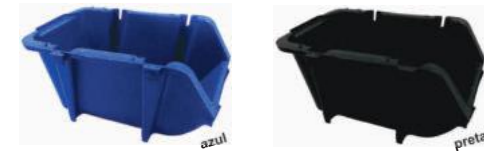
COD. - 5505
ESTANTE COMPLETA 3X120 C/ GAVETA AZUL Nº 3
COD. - 5510
ESTANTE COMPLETA 3X120 C/ GAVETA PRETA Nº 3



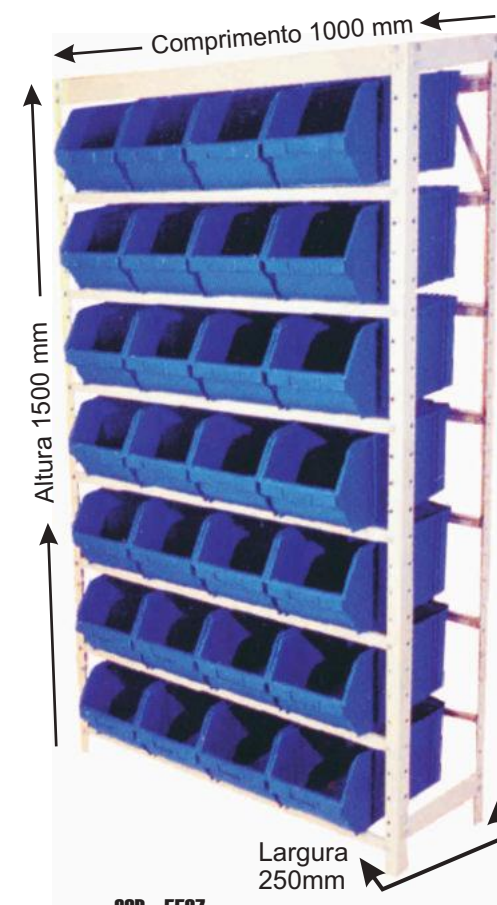
5493 - GAVETA AZUL Nº 5
5500 - GAVETA PRETA Nº 5
COD. 5519 - ARMAÇÃO 5/54
SOMENTE ARMAÇÃO



COD. - 5506
ESTANTE COMPLETA 5X54 C/ GAVETA AZUL Nº 5
COD. - 5511
ESTANTE COMPLETA 5X54 C/ GAVETA PRETA Nº 5



5494 - GAVETA AZUL Nº 7
5501 - GAVETA PRETA Nº 7
COD. 5520 - ARMAÇÃO 7/28
SOMENTE ARMAÇÃO



COD. - 5507
ESTANTE COMPLETA C/ 7X28 GAVETA AZUL Nº 7
COD. - 5512
ESTANTE COMPLETA C/ 7X28 GAVETA PRETA Nº 7

Medida Gaveta nº 07



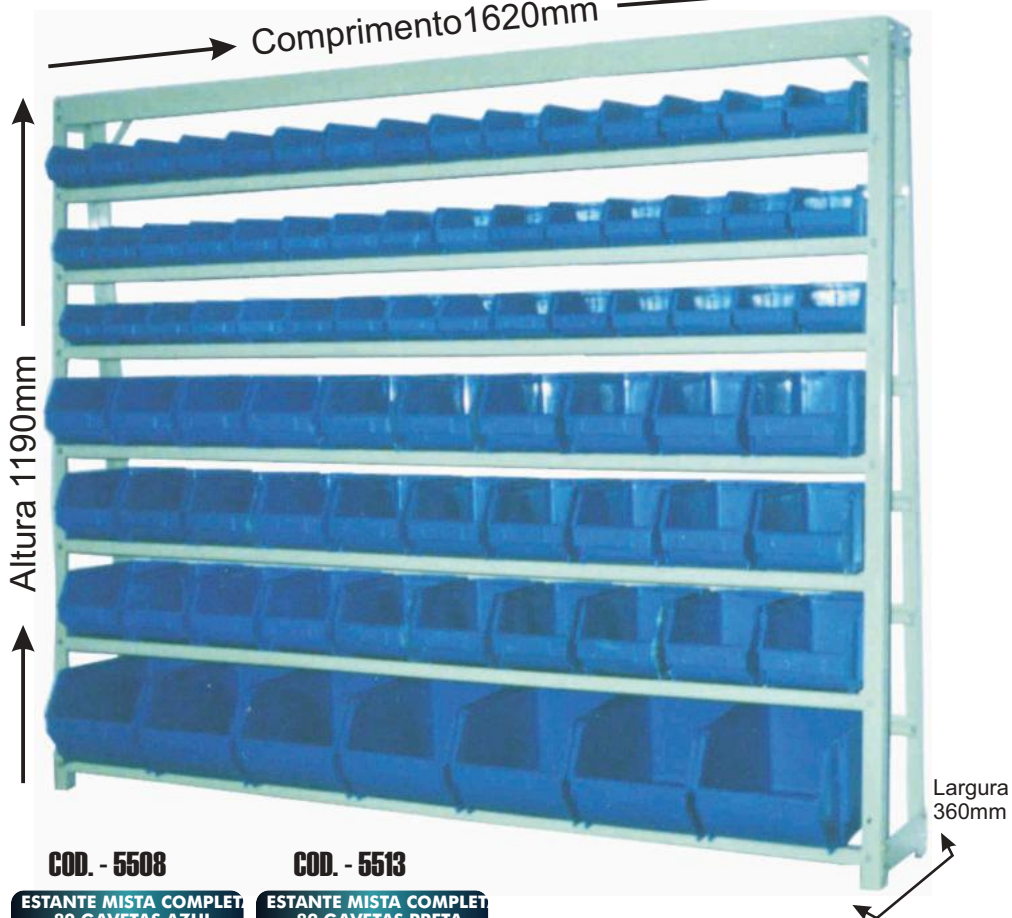
Medida Gaveta nº 05



Medida Gaveta nº 03



Comprimento 1620mm



COD. - 5508

COD. - 5513

**ESTANTE MISTA COMPLETA
82 GAVETAS AZUL**

**ESTANTE MISTA COMPLETA
82 GAVETAS PRETA**

45 GAVETAS Nº 03 / 30 GAVETAS Nº 05 / 07 GAVETAS Nº 07 / 45 GAVETAS Nº 03 / 30 GAVETAS Nº 05 / 07 GAVETAS Nº 07



COD. - 5491

CESTO PLÁSTICO EXPOSITOR AZUL



COD. - 5498

CESTO PLÁSTICO EXPOSITOR PRETO



NOVO ENCAIXE

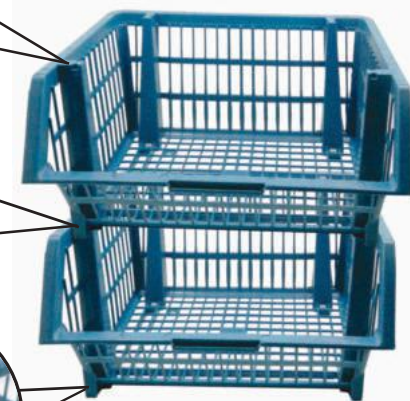


OCUPA MENOS ESPAÇO



ENCAIXE PERFEITO

**CESTO PLÁSTICO EXPOSITOR
ENCAIXE FÁCIL**





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