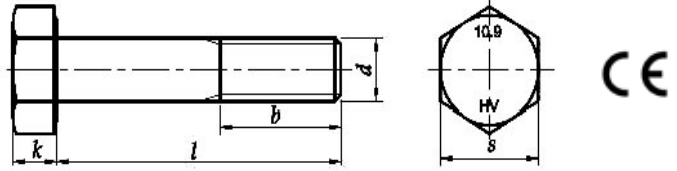


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Tornillo para estructura adecuado para precarga.

Acero 10.9 HV
 Steel 10.9 HV
 Acier 10.9 HV
 Acciaio 10.9 HV
 Aço 10.9 HV

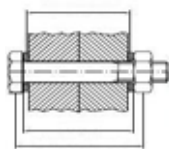


Tornillo hexagonal de alta resistencia EN 14399

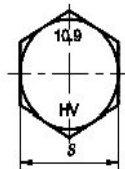
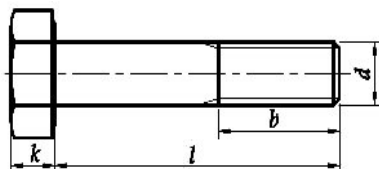
d (mm)	M12	M16	M20	M22	M24	M27	M30	M36
L mm 30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
105								
110								
115								
120								
125								
130								
135								
140								
145								
150								
155								
160								
165								
170								
175								
180								
185								
190								
195								
200								
d	12	16	20	22	24	27	30	36
K	8	10	13	14	15	17	19	23
S	22	27	32	36	41	46	50	60



Varios acabados. Pidamos mas información. Surface treatment. Please ask us more information. Plusiers finition. Contactez-nous pour plus d'informations. Ricopertura di superficie. A richiesta. Vários acabamentos, peça-nos more informações.



Acero 10.9 HV
Steel 10.9 HV
Acier 10.9 HV
Acciaio 10.9 HV
Aço 10.9 HV



EN 14399

Espesor a fijar mm

Tornillo hexagonal de alta resistencia EN 14399

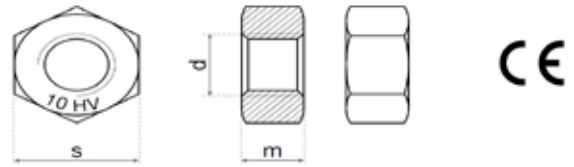
d (mm)	M12 min-max mm	M16 min-max mm	M20 min-max mm	M22 min-max mm	M24 min-max mm	M27 min-max mm	M30 min-max mm	M36 min-max mm
30	11-16							
35	16-21	12-17						
40	21-26	17-22	13-18					
45	26-31	22-27	18-23					
50	31-36	27-32	23-28	22-27	19-24			
55	36-41	32-37	28-33	27-32	24-29			
60	41-46	37-42	33-38	32-37	29-34	26-31		
65	46-51	42-47	38-43	37-42	34-39	31-36		
70	51-56	47-52	43-48	42-47	39-44	36-41	34-39	
75	56-61	52-57	48-53	47-52	44-49	41-46	39-44	
80	61-66	57-62	53-58	52-57	49-54	46-51	44-59	
85	66-71	62-67	58-63	57-62	54-59	51-56	49-54	43-48
90	71-76	67-72	63-68	62-67	59-64	56-61	54-59	48-53
95	76-81	72-77	68-73	67-72	64-69	61-66	59-64	53-58
100	81-86	77-82	73-78	72-77	69-74	66-71	64-69	58-63
105	86-91	82-87	78-83	77-82	74-79	71-76	69-74	63-68
110	91-96	87-92	83-88	82-87	79-84	76-81	74-79	68-73
115	96-101	92-97	88-93	87-92	84-89	81-86	79-84	73-78
120	101-106	97-102	93-98	92-97	89-94	86-91	84-89	78-83
125		102-107	98-103	97-102	94-99	91-96	89-94	83-88
130		107-112	103-108	102-107	99-104	96-101	94-99	88-93
135		112-117	108-113	107-112	104-109	101-106	99-104	93-98
140		117-122	113-118	112-117	109-114	106-111	104-109	98-103
145		122-127	118-123	117-122	114-119	111-116	109-114	103-108
150		127-132	123-128	122-127	119-124	116-121	114-119	108-113
155		132-137	128-133	127-132	124-129	121-126	119-124	113-118
160		137-142	133-138	132-137	129-134	126-131	124-129	118-123
165		142-147	138-143	137-142	134-139	131-136	129-134	123-128
170		147-152	143-148	142-147	139-144	136-141	134-139	128-133
175		152-157	148-153	147-152	144-149	141-146	139-144	133-138
180		157-162	153-158	152-157	149-154	146-151	144-149	138-143
185		162-166	158-162	157-161	154-159	151-156	149-154	143-148
190		167-171	163-167	162-166	159-164	156-161	154-159	148-153
195		172-176	168-172	167-171	164-169	161-166	159-164	153-156
200		177-181	173-177	172-176	169-174	166-171	164-169	158-163



Varios acabados. Pidamos mas información. Surface treatment. Please ask us more information. Plusiers finition. Contactez-nous pour plus d'informations. Ricopertura di superficie. A richiesta. Vários acabamentos, peça-nos more informações.

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Tuerca 10HV

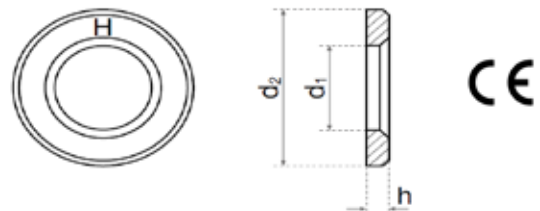


Tuerca hexagonal de alta resistencia 10 HV EN 14399

d (mm)		m	s
M12		10	22
M16		13	27
M20		16	32
M22		18	36
M24		20	41
M27		22	46
M30		24	50
M36		29	60

EN 14399

Arandela HV 300



Arandela de alta resistencia HV300 EN 14399

d (mm)		d1	d2	h
M12		13	24	3
M16		17	30	4
M20		21	37	4
M22		23	39	4
M24		25	44	4
M27		28	50	5
M30		31	56	5
M36		39	66	6



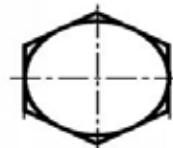
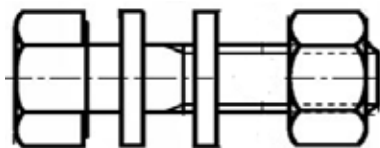
Acero 10.9

Steel 10.9

Acier 10.9

Acciaio 10.9

Aço 10.9



EN 14399-4

CE

Conjunto Tornillo hexagonal, tuerca y doble arandea de alta resistencia EN 14399

d (mm)	M12	M16	M20	M22	M24	M27	M30	M36
L mm 30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
105								
110								
115								
120								
125								
130								
135								
140								
145								
150								
155								
160								
165								
170								
175								
180								
185								
190								
195								
200								
b	12	16	20	22	24	27	30	36
K	8	10	13	14	15	17	19	23
S	22	27	32	36	41	46	50	60



Varios acabados. Pidamos mas información. Surface treatment. Please ask us more information. Plusiers finition. Contactez-nous pour plus d'informations. Ricopertura di superficie. A richiesta. Vários acabamentos, peça-nos more informações.

