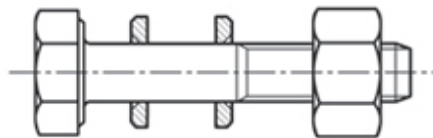


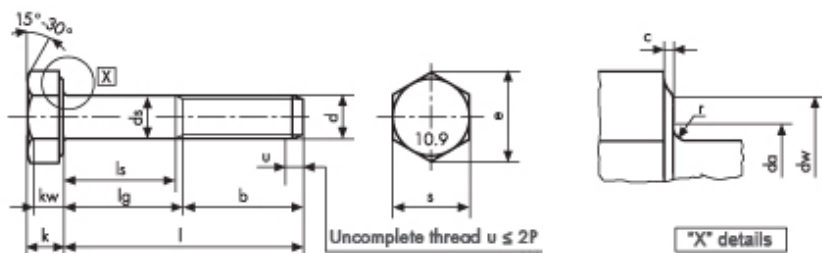
Metallic screws and nuts



Bolts, nuts and double washer
UNI - EN 14399-4 / 14399-6
Class K1



Description	Price VATexcl. euro/100	% Price Change		Package	d mm	L mm
M 12 X 45	on demand	-	-	1	M12	45



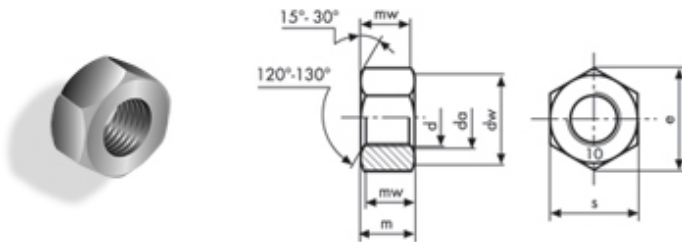
M 12 X 45	
p	1.75
b	23
c max	0.6
min	0.4

da max	15.2
nom	12
ds max	12.7
min	11.3
dw min	20.1
e min	23.91

nom	8
k max	8.45
min	7.55
kw min	5.28
r min	1.2
s max	22
min	21.16

l - mm			M12	
nom	min	max	ls min	lg max
35	33,75	36,25	6,75	12
40	38,75	41,25	11,75	17
45	43,75	46,25	16,75	22
50	48,75	51,25	21,75	27
55	53,5	56,5	26,75	32
60	58,5	61,5	31,75	37
65	63,5	66,5	36,75	42
70	68,5	71,5	41,75	47
75	73,5	76,5	46,75	52
80	78,5	81,5	51,75	57
85	83,25	86,75	56,75	62
90	88,25	91,75	61,75	67
95	93,25	96,75	66,75	72
100	98,25	101,75		
105	103,25	106,75		
110	108,25	111,75		
115	113,25	116,75		
120	118,25	121,75		
125	123	127		
130	128	132		
135	133	137		
140	138	142		
145	143	147		
150	148	152		
155	153	159		
160	158	164		

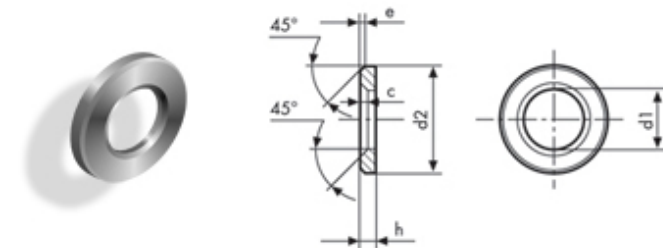
165	163	169
170	168	174
175	173	179
180	178	184
185	182,7	189,6
190	187,7	194,6
195	192,7	199,6
200	197,7	204,6



M 12 X 45	
p	1.75
da max	13
min	12

dw min	20.1
e min	23.91
nom	
m =	10
max	
min	9.64

mw min	7.71
s max	22
min	21.16



M 12 X 45	
d1 max	13.27
min	13
d2 max	24
min	23.48

nom	
h max	3.3
min	2.7
e max	1
nom	
=	0.5
min	

c max	1.9
min	1.6

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350