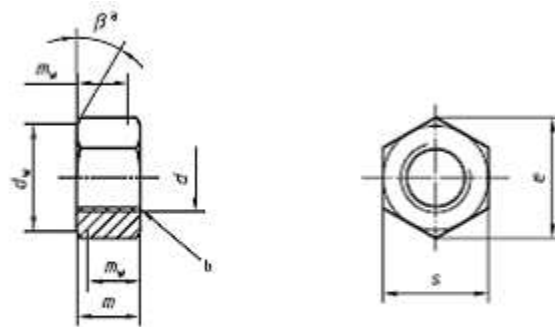


## Hexagon nuts — Product grade C



- <sup>a</sup>  $\beta = 15^\circ$  to  $30^\circ$   
<sup>b</sup> Countersink at start of thread permissible

Table 1 — Preferred threads

Dimensions in millimetres

Thread ( $d$ )		M5	M6	M8	M10	M12	M16	M20
$p^a$		0,8	1	1,25	1,5	1,75	2	2,5
$d_w$	min.	6,7	8,7	11,5	14,5	16,5	22	27,7
$e$	min.	8,63	10,89	14,2	17,59	19,85	26,17	32,95
$m$	max.	5,6	8,4	7,9	9,5	12,2	15,9	19,0
	min.	4,4	4,9	6,4	8,0	10,4	14,1	16,9
$m_w$	min.	3,5	3,7	5,1	6,4	8,3	11,3	13,5
$s$	nom. = max.	8,00	10,00	13,00	16,00	18,00	24,00	30,00
	min.	7,64	9,64	12,57	15,57	17,57	23,16	29,16

Thread ( $d$ )		M24	M30	M36	M42	M48	M56	M64
$p^a$		3	3,5	4	4,5	5	5,5	6
$d_w$	min.	33,3	42,8	51,1	60	69,5	78,7	88,2
$e$	min.	39,55	50,85	60,79	71,3	82,6	93,56	104,86
$m$	max.	22,3	26,4	31,9	34,9	38,9	45,9	52,4
	min.	20,2	24,3	29,4	32,4	36,4	43,4	49,4
$m_w$	min.	16,2	19,4	23,2	25,9	29,1	34,7	39,5
$s$	nom. = max.	36	46	55,0	65,0	75,0	85,0	95,0
	min.	35	45	53,6	63,1	73,1	82,8	92,8

<sup>a</sup>  $P$  is the pitch of the thread.

Table 3 — Specification and reference standards

<b>Material</b>		Steel
<b>General requirements</b>	International Standard	ISO 8992
<b>Thread</b>	Tolerance	7H
	International Standards	ISO 724, ISO 965-1
<b>Mechanical properties</b>	Property class <sup>a</sup>	$d \leq M16$ : 5 M16 < $d \leq M39$ : 4, 5 $d > M39$ : as agreed
	International Standard	$d \leq M39$ : ISO 898-2 $d > M39$ : as agreed
<b>Tolerances</b>	Product grade	C
	International Standard	ISO 4759-1
<b>Finish and/or coating</b>		As processed  Requirements for electroplating are covered in ISO 4042.  Requirements for non-electrolytically applied zinc flake coatings are covered in ISO 10683.  If different electroplating requirements are desired or if requirements are needed for other finishes, they should be agreed between customer and supplier.
<b>Acceptability</b>		For acceptance procedure, see ISO 3269.
<sup>a</sup> For other property classes see ISO 898-2.		