

**HEXAGONAL NUTS
ACCURACY CLASS B**

DESIGN AND DIMENSIONS

**GOST 5915-70
EXTRACT**

**CONTRACT
№ PB/835606213601**

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Hexagonal nuts
Accuracy class B
Design and dimensions

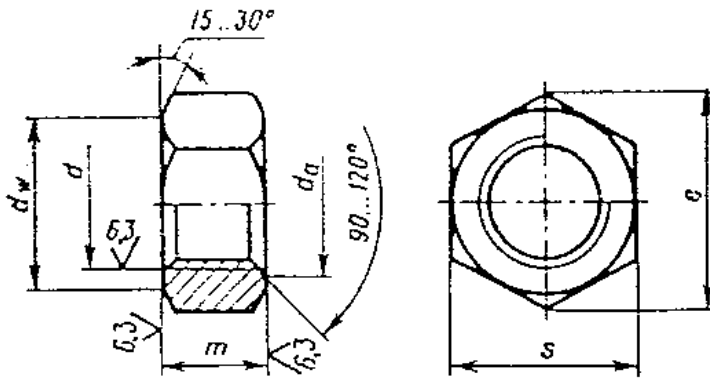
GOST 5915-70
EXTRACT

1. Present standard deals with hexagonal nuts of accuracy class B with thread diameter ranging from 1.6 to 48 mm.

2. Design and dimensions of nuts should correspond to drawing and table.

Make 1

$\sqrt[12,5]{(V)}$



		mm																						
Nominal diameter of threads d		1.6	2	2.5	3	(3.5)	4	5	6	8	10	12	(14)	16	(18)	20	(22)	24	(27)	30	36	42	48	
Thread pitch	Coarse	0.35	0.40	0.45	0.50	0.60	0.70	0.80	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3	3.5	4	4.5	5	
	Fine	-	-	-	-	-	-	-	-	1	1.25	1.25	1.5	1.5	1.5	1.5	1.5	2	2	2	3	3	3	
Dimension «for wrench» S		3.2	4.0	5.0	5.5	6	7	8	10	13	17	19	22	24	27	30	32	36	41	46	55	65	75	
Diameter of specified circumference, e, not less than		3.3	4.2	5.3	5.9	6.4	7.5	8.6	10.9	14.2	18.7	20.9	23.9	26.2	29.6	33.0	35.0	39.6	45.2	50.9	60.8	71.3	82.6	
d _a	Not less than	1.6	2	2.5	3	3.5	4	5	6	8	10	12	14	16	18	20	22	24	27	30	36	42	48	
	Not more than	1.84	2.30	2.9	3.45	4.00	4.60	5.75	6.75	8.75	10.8	13.0	15.1	17.3	19.4	21.6	23.8	25.9	29.2	32.4	38.9	45.4	51.8	
d _w , not less than		2.9	3.6	4.5	5.0	5.4	6.3	7.2	9.0	11.7	15.5	17.2	20.1	22.0	24.8	27.7	29.5	33.2	38.0	42.7	51.1	59.9	69.4	
Height, m		1.3	1.6	2.0	2.4	2.8	3.2	4	5	6.5	8	10	11	13	15	16	18	19	22	24	29	34	38	

Note. Dimensions, specified in brackets, are not recommended to use.

Example of conventional designation of nut of make 1, with thread diameter $d=12$ mm, with large thread pitch with tolerance range 6H, strength class 5, with out coating:

Nut M12-64.5 GOST 5915-70

3. Thread – as per GOST 24705-81.

4. Tolerances for dimensions, deviations, shapes, and location of surfaces and methods of checking not established by present standard are as per GOST 1759.1-82.

5. Permissible surface defects of nuts and methods of checking – as per GOST 1759.3-83.

6. Technical requirements – as per GOST 1759.0-87.