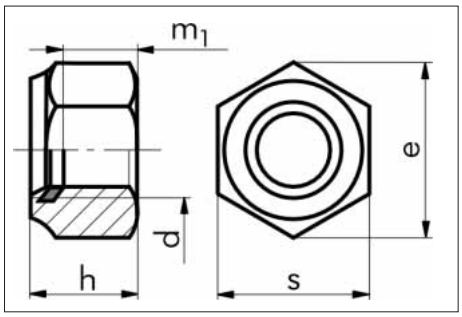
SELF-LOCKING HEXAGON NUTS



Thread d	e in mm	h in mm	m_1 in mm	s in mm	Galv. steel I10I , yellow pass. Art. No.	P. Qty.	A2 Art. No.	P. Qty.	A4 Art. No.	P. Qty.
M 3	6.01	4	1.65	5.5	–		**0391 3**	100	**0397 3**	100
M 4	7.66	5	2.2	7	–		**0391 4**	100	**0397 4**	100
M 5	8.79	5	2.75	8	–		**0391 5**	100	**0397 5**	100
M 6	11.05	6	3.3	10	**0370 6**	100/300	**0391 6**	100	**0397 6**	100
M 7	12.12	7.5	3.85	11	–		–		–	
M 8	14.38	8	4.4	13	**0370 8**	100/300	**0391 8**	100/300	**0397 8**	100/300
M 8 x 1	14.38	8	4.4	13	**0370 8 1**	100	–		–	
M 10	18.9	10	5.5	17	**0370 10**	100	**0391 10**	50	**0397 10**	50
M 10 x 1	18.9	10	5.5	17	**0370 10 1**	100	–		–	
M 10 x 1.25	18.9	10	5.5	17	**0370 10 125**	100	–		–	
M 10 sw 15	18.9	10	5.5	15	**0370 10 15**	100	–		–	
M 12	21.1	12	6.6	19	**0370 12**	100	**0391 12**	50	**0397 12**	50
M 12 x 1	21.1	12	6.6	19	**0370 12 1**	50	–		–	
M 12 x 1.25	21.1	12	6.6	19	**0370 12 125**	50/100	–		–	
M 12 x 1.5	21.1	12	6.6	19	**0370 12 15**	50/100	–		–	
M 14	24.49	14	7.7	22	**0370 14**	50/100	**0391 14**	50	**0397 14**	50
M 14 x 1.5	24.49	14	7.7	22	**0370 14 15**	50/100	–		–	
M 16	26.75	16	8.8	24	**0370 16**	50/100	**0391 16**	50	**0397 16**	50
M 16 x 1.5	26.75	16	8.8	24	**0370 16 15**	50/100	–		–	
M 18	29.56	18.5	9.9	27	**0370 18**	25	**0391 18**	50	**0397 18**	50
M 18 x 1.5	29.56	18.5	9.9	27	**0370 18 15**	25/50	–		–	
M 20	32.95	20	11	30	**0370 20**	25/50	**0391 20**	50	**0397 20**	50
M 20 x 1.5	32.95	20	11	30	**0370 20 15**	25/50	–		–	
M 20 x 2	32.95	20	11	30	–		–		–	
M 22	35.03	22	12.2	32	–		**0391 22**	25	**0397 22**	25
M 22 x 1.5	35.03	22	12.2	32	–		–		–	
M 24	39.55	24	13.2	36	**0370 24**	25	**0391 24**	50	**0397 24**	25
M 24 x 1.5	39.55	24	13.2	36	**0370 24 15**	25	–		–	
M 24 x 2	39.55	24	13.2	36	**0370 24 2**	25	–		–	
M 27	45.2	27	14.8	41	–		–		**0397 27**	25
M 30	50.85	30	16.5	46	–		**0391 30**	25	**0397 30**	25
M 30 x 2	50.85	30	16.5	46	–		–		–	
M 33	55.37	33	18.2	50	–		–		–	

- When the screw-nut connection is made, the screw thread is tensioned with the plastic ring. The clamping forces resulting between the thread profiles result in the locking torque for maintaining the pretensioning force as a consequence of the high friction locking.
- No damage to thread surfaces.
- Application in temperature range: – 70 °C to + 120 °C.
- The difference between strength class I8I and I10I – when using a bolt and nut of the same size – consists of a 40 % higher loadability.

DIN 985

Nuts with reduced loadability

Hexagon nuts according to this withdrawn DIN 985 with a lower nominal height cannot be loaded with test forces according to DIN EN ISO 20898-2

For differentiation, the marking of the strength class is supplemented with two vertical bars before and after the characteristic strength number

DIN 985 was replaced with ISO 10511, 10512, 7040

Galvanized steel I8I, yellow (A2C)
Galvanized steel I8I, blue passivated (A2K)
Galvanized steel I10I, yellow (A2C)
A2
A4

Hexagon nuts DIN 985
Strength class I8I
Galvanized steel, blue passivated (A2K)
Dim. M4-M12 x 1.5
Art. No. 0964 368

Hexagon nuts DIN 985
Strength class I10I
Yellow-galvanized steel (A2C)
Dim. M6-M16 x 1.5
Art. No. 0964 370