Nuts for T-Slots • DIN 508

EH 23010.



Product Description

These nuts for T-slots (slot nuts) are manufactured according to DIN 508. The range is extended by other dimensions that are not included in DIN.

Material

- Heat-treated steel, quality 8, bright
- Heat-treated steel, tempered, quality 10, blackened
- Stainless steel 1.4301

Assembly

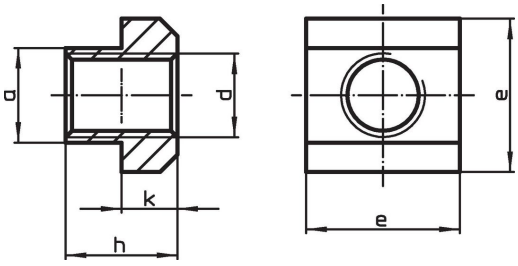
The entire loading capacity of the T-nut can only be applied if the screwing is guaranteed to be made over the total thread length of the T-nut.

More information

Notes

Special types on request.

Drawing



Order information

T-slot size	Dimensions					for T-slots DIN 650	Testing force to DIN 508 F min.		Art. No.
	d	a	e	h	k				
[mm]	[mm]					[mm]	[kN]	[g]	
Heat-treated steel, quality 8, bright									
5	**M 4**	4.6	9	6.5	3	5	7.0	2.4	23010.0051
6	**M 5**	5.6	10	8.0	4	6	11.4	3.4	23010.0061
8	**M 6**	7.6	13	10.0	6	8	16.0	8.3	23010.0081
10	**M 6**	9.6	15	12.0	6	10	16.0	14.0	23010.0103[1)]
10	**M 8**	9.6	15	12.0	6	10	29.0	12.0	23010.0101
12	**M 8**	11.6	18	14.0	7	12	29.0	23.0	23010.0123[1)]
12	**M10**	11.6	18	14.0	7	12	46.0	20.0	23010.0121
14	**M10**	13.6	22	16.0	8	14	46.0	38.0	23010.0143[1)]
14	**M12**	13.6	22	16.0	8	14	67.0	34.0	23010.0141
16	**M12**	15.6	25	18.0	9	16	67.0	55.0	23010.0163[1)]
16	**M14**	15.6	25	18.0	9	16	–	49.0	23010.0161[1)]
18	**M14**	17.6	28	20.0	10	18	–	74.0	23010.0183[1)]
18	**M16**	17.6	28	20.0	10	18	128.0	68.0	23010.0181
20	**M16**	19.6	32	24.0	12	20	128.0	116.0	23010.0203[1)]
20	**M18**	19.6	32	24.0	12	20	–	107.0	23010.0201[1)]
22	**M18**	21.6	35	28.0	14	22	–	162.0	23010.0223[1)]
22	**M20**	21.6	35	28.0	14	22	196.0	149.0	23010.0221
24	**M20**	23.6	40	32.0	16	24	196.0	236.0	23010.0243[1)]
24	**M22**	23.6	40	32.0	16	24	–	221.0	23010.0241[1)]
28	**M24**	27.6	44	36.0	18	28	282.0	317.0	23010.0281

[1)] DIN standards do not include these dimensions.

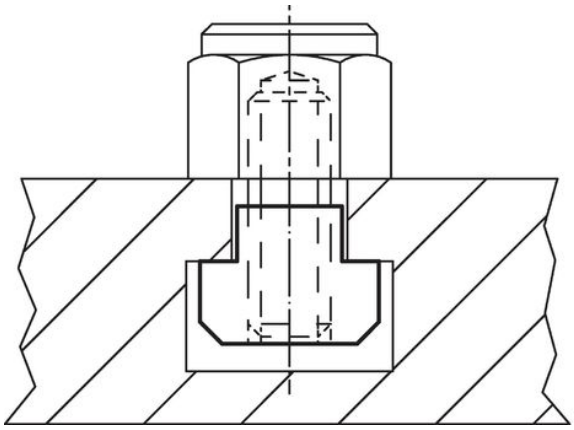
T-slot size	Dimensions					for T-slots DIN 650	Testing force to DIN 508 F min.		Art. No.
	d	a	e	h	k				
[mm]	[mm]					[mm]	[kN]	[g]	
36	**M30**	35.5	54	44.0	22	36	448.0	585.0	23010.0361
42	**M36**	41.5	65	52.0	26	42	653.0	1000.0	23010.0421
48	**M42**	47.5	75	60.0	30	48	653.0	1500.0	23010.0481
54	**M48**	53.4	85	70.0	34	54	653.0	2264.0	23010.0541
Heat-treated steel, tempered, quality 10, blackened									
5	**M 4**	4.6	9	6.5	3	5	7.0	2.4	23010.0052
6	**M 5**	5.6	10	8.0	4	6	11.4	3.4	23010.0062
8	**M 6**	7.6	13	10.0	6	8	16.0	8.3	23010.0082
10	**M 6**	9.6	15	12.0	6	10	16.0	14.0	23010.0104[1)]
10	**M 8**	9.6	15	12.0	6	10	29.0	12.0	23010.0102
12	**M 8**	11.6	18	14.0	7	12	29.0	23.0	23010.0124[1)]
12	**M10**	11.6	18	14.0	7	12	46.0	20.0	23010.0122
14	**M 6**	13.6	22	16.0	8	14	16.0	43.0	23010.0146[1)]
14	**M 8**	13.6	22	16.0	8	14	29.0	41.0	23010.0145[1)]
14	**M10**	13.6	22	16.0	8	14	46.0	38.0	23010.0144[1)]
14	**M12**	13.6	22	16.0	8	14	67.0	34.0	23010.0142
16	**M 8**	15.6	25	18.0	9	16	29.0	62.0	23010.0166[1)]
16	**M10**	15.6	25	18.0	9	16	46.0	58.0	23010.0165[1)]
16	**M12**	15.6	25	18.0	9	16	67.0	55.0	23010.0164[1)]
16	**M14**	15.6	25	18.0	9	16	–	49.0	23010.0162[1)]
18	**M 8**	17.6	28	20.0	10	18	29.0	89.0	23010.0187[1)]
18	**M10**	17.6	28	20.0	10	18	46.0	85.0	23010.0186[1)]
18	**M12**	17.6	28	20.0	10	18	67.0	98.0	23010.0185[1)]
18	**M14**	17.6	28	20.0	10	18	–	74.0	23010.0184[1)]
18	**M16**	17.6	28	20.0	10	18	128.0	68.0	23010.0182
20	**M12**	19.6	32	24.0	12	20	67.0	131.0	23010.0205[1)]
20	**M16**	19.6	32	24.0	12	20	128.0	116.0	23010.0204[1)]
20	**M18**	19.6	32	24.0	12	20	–	107.0	23010.0202[1)]
22	**M12**	21.6	35	28.0	14	22	67.0	189.0	23010.0225[1)]
22	**M16**	21.6	35	28.0	14	22	128.0	172.0	23010.0226[1)]
22	**M18**	21.6	35	28.0	14	22	–	162.0	23010.0224[1)]
22	**M20**	21.6	35	28.0	14	22	196.0	149.0	23010.0222
24	**M16**	23.6	40	32.0	16	24	128.0	262.0	23010.0246[1)]
24	**M20**	23.6	40	32.0	16	24	196.0	236.0	23010.0244[1)]
24	**M22**	23.6	40	32.0	16	24	–	221.0	23010.0242[1)]
28	**M16**	27.6	44	36.0	18	28	128.0	375.0	23010.0286[1)]
28	**M20**	27.6	44	36.0	18	28	196.0	349.0	23010.0284[1)]
28	**M22**	27.6	44	36.0	18	28	–	332.0	23010.0283[1)]
28	**M24**	27.6	44	36.0	18	28	282.0	317.0	23010.0282
32	**M27**	31.5	50	40.0	20	32	–	460.0	23010.0322[1)]
36	**M24**	35.5	54	44.0	22	36	282.0	663.0	23010.0364[1)]
36	**M30**	35.5	54	44.0	22	36	448.0	585.0	23010.0362
42	**M36**	41.5	65	52.0	26	42	653.0	1000.0	23010.0422
48	**M42**	47.5	75	60.0	30	48	653.0	1500.0	23010.0482
54	**M48**	53.4	85	70.0	34	54	653.0	2264.0	23010.0542

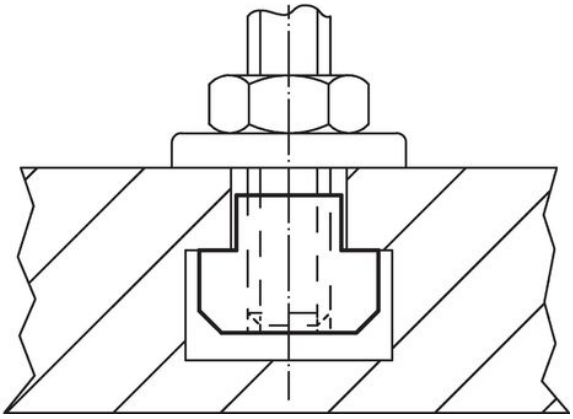
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Stainless steel 1.4301									
8	**M 6**	7.6	13	10.0	6	8	16.0	8.3	23010.0721
10	**M 8**	9.6	15	12.0	6	10	29.0	12.0	23010.0731
12	**M10**	11.6	18	14.0	7	12	46.0	20.0	23010.0741
14	**M12**	13.6	22	16.0	8	14	67.0	34.0	23010.0751
16	**M14**	15.6	25	18.0	9	16	–	49.0	23010.0761[1)]
18	**M16**	17.6	28	20.0	10	18	128.0	68.0	23010.0781

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Application example





Compliance

For detailed compliance information please select the desired article number.