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Ball Lock Pins • self-locking, with T-Handle
EH 22340. /EH 22350.



Product Description

For quick fastening, locking, adjusting, changing and securing. Quickly and easily unlockable for frequently repeated connections.
All versions are corrosion resistant. When using stainless steel 1.4542: high-strength, hardened, abrasion resistant pin with high load capacity.
Version with ergonomic grip.

Material

Pin part
- Stainless steel 1.4305
- Stainless steel 1.4542, precipitation-hardened

Handle
- Aluminium, black similar to RAL 9005

Press button
- Stainless steel, black

Spring
- Stainless steel

Operation

The balls are unlocked by pressing the button.

Characteristic

Types from stainless steel 1.4542 with marking below the balls.

More information

Notes

Customized design on request.
- This product is also available in INCH dimensions.

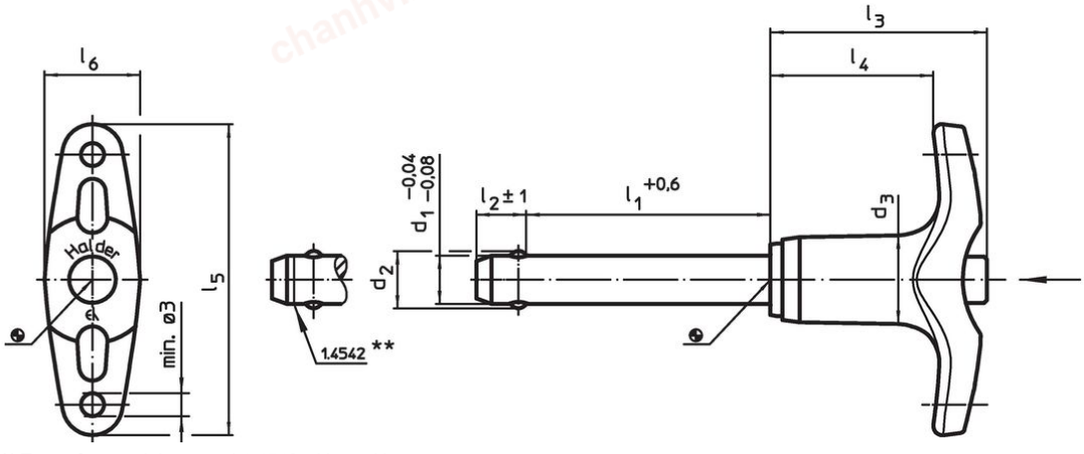
Accessories

Can easily be fitted with retaining cable EH 22400.

Further products

- Locating Bushings, for ball lock pins and socket pins
- Locating Bushings, with flange, for ball lock pins and socket pins
- Retaining Cables
- Positioning Bushings, with collar, DIN 172 A
- Positioning Bushings, without collar, DIN 179 A
- Ball Lock Pins with T-Handle, single acting - comply with NAS / MS17985

Drawing



** Types from stainless steel 1.4542 with marking.

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Order information

Dimensions									Location hole H11	min.	max.		Shearing resistance, two-shear[1] min.	Art. No.
d_1 -0.04 -0.08	l_1 +0.6	d_2	d_3	l_2 ±1	l_3	l_4	l_5	l_6						
[mm]									[mm]	[°C]		[g]	[kN]	
Stainless steel 1.4305														
5	**10**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	19	14	22340.0012
5	**15**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	20	14	22340.0013
5	**20**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	21	14	22340.0014
5	**25**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	22	14	22340.0015
5	**30**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	22	14	22340.0016
5	**35**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	23	14	22340.0017
5	**40**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	24	14	22340.0018
5	**45**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	24	14	22340.0007
5	**50**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	25	14	22340.0008
5	**60**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	26	14	22340.0009
5	**70**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	28	14	22340.0010
5	**80**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	29	14	22340.0011
6	**10**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	21	21	22340.0022
6	**15**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	22	21	22340.0023
6	**20**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	23	21	22340.0024
6	**25**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	24	21	22340.0025
6	**30**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	25	21	22340.0026
6	**35**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	26	21	22340.0027
6	**40**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	27	21	22340.0028
6	**45**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	27	21	22340.0029
6	**50**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	29	21	22340.0030
6	**60**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	30	21	22340.0019
6	**70**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	33	21	22340.0020
6	**80**	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	35	21	22340.0021
8	**10**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	33	38	22340.0032
8	**15**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	35	38	22340.0033
8	**20**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	37	38	22340.0034
8	**25**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	39	38	22340.0035
8	**30**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	41	38	22340.0036
8	**35**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	43	38	22340.0037
8	**40**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	44	38	22340.0038
8	**45**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	46	38	22340.0039
8	**50**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	48	38	22340.0040
8	**60**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	52	38	22340.0031
8	**70**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	55	38	22340.0041
8	**80**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	59	38	22340.0042
8	**90**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	63	38	22340.0043
8	**100**	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	66	38	22340.0051
10	**15**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	41	60	22340.0059
10	**20**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	44	60	22340.0044
10	**25**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	47	60	22340.0045
10	**30**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	49	60	22340.0046
10	**35**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	52	60	22340.0047
10	**40**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	55	60	22340.0048
10	**45**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	58	60	22340.0049
10	**50**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	61	60	22340.0050
10	**60**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	67	60	22340.0052
10	**70**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	73	60	22340.0053
10	**80**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	79	60	22340.0054
10	**90**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	85	60	22340.0055
10	**100**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	90	60	22340.0056
10	**110**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	96	60	22340.0057
10	**120**	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	102	60	22340.0058
12	**20**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	68	87	22340.0064
12	**25**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	73	87	22340.0065

[1] Shearing resistance similar to DIN 50141

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Dimensions									Location hole H11	Temperature		Weight	Shearing resistance, two-shear[1] min.	Art. No.
d_1 -0.04 -0.08	l_1 +0.6	d_2	d_3	l_2 ±1	l_3	l_4	l_5	l_6		min.	max.			
[mm]									[mm]	[°C]		[g]	[kN]	
12	**30**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	77	87	22340.0066
12	**35**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	81	87	22340.0067
12	**40**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	86	87	22340.0068
12	**45**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	90	87	22340.0069
12	**50**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	94	87	22340.0070
12	**60**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	103	87	22340.0072
12	**70**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	111	87	22340.0074
12	**80**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	119	87	22340.0076
12	**90**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	128	87	22340.0060
12	**100**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	137	87	22340.0061
12	**110**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	145	87	22340.0062
12	**120**	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	154	87	22340.0063
16	**30**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	153	155	22340.0071
16	**35**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	161	155	22340.0073
16	**40**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	169	155	22340.0075
16	**45**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	178	155	22340.0077
16	**50**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	185	155	22340.0078
16	**60**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	200	155	22340.0079
16	**70**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	215	155	22340.0080
16	**80**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	231	155	22340.0081
16	**90**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	247	155	22340.0082
16	**100**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	262	155	22340.0083
16	**110**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	277	155	22340.0084
16	**120**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	294	155	22340.0085
16	**130**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	310	155	22340.0086
16	**140**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	326	155	22340.0087
16	**150**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	340	155	22340.0088
20	**50**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	245	244	22340.0089
20	**60**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	270	244	22340.0090
20	**70**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	293	244	22340.0091
20	**80**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	318	244	22340.0092
20	**90**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	342	244	22340.0093
20	**100**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	366	244	22340.0094
20	**110**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	390	244	22340.0095
20	**120**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	413	244	22340.0096
20	**130**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	439	244	22340.0097
20	**140**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	463	244	22340.0098
20	**150**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	487	244	22340.0099
25	**50**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	448	386	22340.0100
25	**60**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	488	386	22340.0101
25	**70**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	524	386	22340.0102
25	**80**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	564	386	22340.0103
25	**90**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	601	386	22340.0104
25	**100**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	640	386	22340.0001
25	**110**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	677	386	22340.0002
25	**120**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	714	386	22340.0003
25	**130**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	753	386	22340.0004
25	**140**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	791	386	22340.0005
25	**150**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	826	386	22340.0006
Stainless steel 1.4542, precipitation-hardened														
5	**10**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	19	24	22350.0012
5	**15**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	20	24	22350.0013
5	**20**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	21	24	22350.0014
5	**25**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	21	24	22350.0015
5	**30**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	22	24	22350.0016
5	**35**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	23	24	22350.0017
5	**40**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	24	24	22350.0018
5	**45**	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	25	24	22350.0007

[1] Shearing resistance similar to DIN 50141

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Dimensions									Location hole H11				Shearing resistance, two-shear[1] min.	Art. No.
d_1 -0.04 -0.08	l_1 +0.6	d_2	d_3	l_2 ±1	l_3	l_4	l_5	l_6		min.	max.			
[mm]									[mm]	[°C]		[g]	[kN]	
5	50	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	25	24	22350.0008
5	60	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	27	24	22350.0009
5	70	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	28	24	22350.0010
5	80	5.5	11.8	6.0	31.6	24.1	45.2	12.7	5	-30	150	29	24	22350.0011
6	10	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	21	35	22350.0022
6	15	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	22	35	22350.0023
6	20	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	22	35	22350.0024
6	25	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	24	35	22350.0025
6	30	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	24	35	22350.0026
6	35	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	25	35	22350.0027
6	40	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	26	35	22350.0028
6	45	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	27	35	22350.0029
6	50	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	28	35	22350.0030
6	60	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	30	35	22350.0019
6	70	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	32	35	22350.0020
6	80	7.0	11.8	7.0	31.6	24.1	45.2	12.7	6	-30	150	34	35	22350.0021
8	10	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	33	63	22350.0032
8	15	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	35	63	22350.0033
8	20	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	37	63	22350.0034
8	25	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	38	63	22350.0035
8	30	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	41	63	22350.0036
8	35	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	42	63	22350.0037
8	40	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	44	63	22350.0038
8	45	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	46	63	22350.0039
8	50	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	48	63	22350.0040
8	60	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	51	63	22350.0031
8	70	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	55	63	22350.0041
8	80	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	58	63	22350.0042
8	90	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	63	63	22350.0043
8	100	9.5	14.7	8.2	35.8	26.9	51.5	15.8	8	-30	150	66	63	22350.0051
10	15	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	41	100	22350.0059
10	20	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	44	100	22350.0044
10	25	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	46	100	22350.0045
10	30	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	50	100	22350.0046
10	35	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	52	100	22350.0047
10	40	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	55	100	22350.0048
10	45	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	58	100	22350.0049
10	50	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	61	100	22350.0050
10	60	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	66	100	22350.0052
10	70	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	72	100	22350.0053
10	80	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	78	100	22350.0054
10	90	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	84	100	22350.0055
10	100	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	89	100	22350.0056
10	110	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	96	100	22350.0057
10	120	12.0	14.7	9.6	35.8	26.9	51.5	15.8	10	-30	150	102	100	22350.0058
12	20	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	69	144	22350.0064
12	25	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	72	144	22350.0065
12	30	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	76	144	22350.0066
12	35	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	80	144	22350.0067
12	40	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	85	144	22350.0068
12	45	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	89	144	22350.0069
12	50	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	93	144	22350.0070
12	60	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	102	144	22350.0072
12	70	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	110	144	22350.0074
12	80	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	119	144	22350.0076
12	90	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	127	144	22350.0060
12	100	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	135	144	22350.0061
12	110	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	143	144	22350.0062
12	120	14.5	18.2	10.6	35.1	25.3	59.1	20.2	12	-30	150	152	144	22350.0063

[1] Shearing resistance similar to DIN 50141

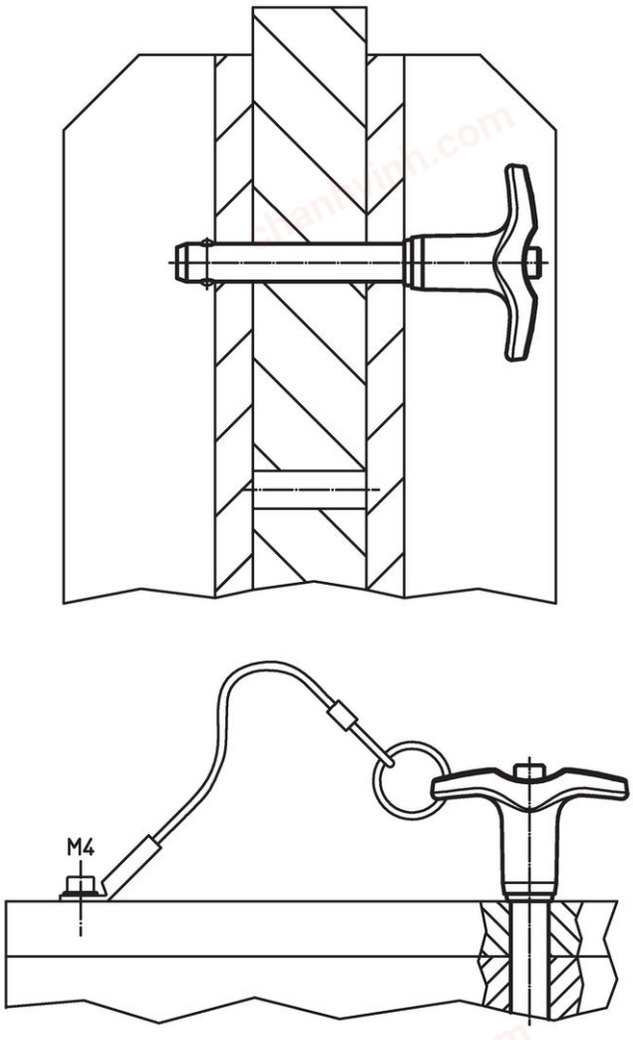
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Dimensions									Location hole H11	min.	max.		Shearing resistance, two-shear[1] min.	Art. No.
d_1 -0.04 -0.08	l_1 +0.6	d_2	d_3	l_2 ±1	l_3	l_4	l_5	l_6						
[mm]									[mm]	[°C]		[g]	[kN]	
16	**30**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	148	257	22350.0071
16	**35**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	156	257	22350.0073
16	**40**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	164	257	22350.0075
16	**45**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	175	257	22350.0077
16	**50**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	183	257	22350.0078
16	**60**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	198	257	22350.0079
16	**70**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	215	257	22350.0080
16	**80**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	229	257	22350.0081
16	**90**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	245	257	22350.0082
16	**100**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	260	257	22350.0083
16	**110**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	275	257	22350.0084
16	**120**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	291	257	22350.0085
16	**130**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	306	257	22350.0086
16	**140**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	320	257	22350.0087
16	**150**	19.0	23.4	14.0	42.2	29.8	74.8	24.7	16	-30	150	336	257	22350.0088
20	**50**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	243	403	22350.0089
20	**60**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	267	403	22350.0090
20	**70**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	290	403	22350.0091
20	**80**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	314	403	22350.0092
20	**90**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	339	403	22350.0093
20	**100**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	362	403	22350.0094
20	**110**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	387	403	22350.0095
20	**120**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	410	403	22350.0096
20	**130**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	429	403	22350.0097
20	**140**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	452	403	22350.0098
20	**150**	24.8	23.4	17.0	43.1	29.8	74.8	24.7	20	-30	150	482	403	22350.0099
25	**50**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	447	631	22350.0100
25	**60**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	484	631	22350.0101
25	**70**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	521	631	22350.0102
25	**80**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	555	631	22350.0103
25	**90**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	596	631	22350.0104
25	**100**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	633	631	22350.0001
25	**110**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	672	631	22350.0002
25	**120**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	708	631	22350.0003
25	**130**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	745	631	22350.0004
25	**140**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	782	631	22350.0005
25	**150**	31.0	30.4	22.0	54.8	37.5	88.7	33.2	25	-30	150	821	631	22350.0006

[1] Shearing resistance similar to DIN 50141

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Application example



Compliance

For detailed compliance information please select the desired article number.