

Grub Screws • DIN 6332 with thrust point

EH 22540.

2



PRODUCT DESCRIPTION

Grub screws are clamping screws that can directly transmit forces via the thrust point. The pressure surface of the thrust point of the steel version is hardened.

For clamping sensitive surfaces, thrust pads EH 22560. (DIN 6311 and low version) can be attached on the thrust point. The snap ring of the thrust pad achieves a connection between the grub screw and the thrust pad that can be released by hand.

These grub screws with thrust points are particularly characterised by the additional radius "r" on the thrust point (optimisation compared to DIN 6332), which makes assembly in the thrust pad much easier.

The thrust point diameter of the grub screws is smaller than the core diameter of the thread, so that they can also be screwed in on the pin side.

Material

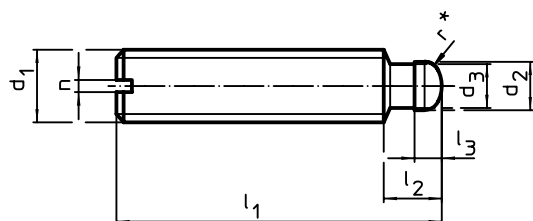
- Steel, blackened, quality 5.8, thrust point hardened
- Stainless steel

MORE INFORMATION

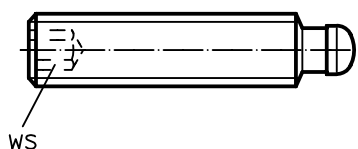
Further products

Thrust Pads, DIN 6311 and low model → p. 282

DRAWING

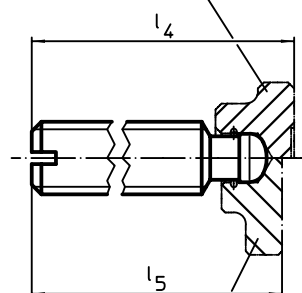


picture 1



picture 2

22560.0012–.0040 (steel)
22560.0112–.0140 (stainless steel)



22560.0425–.0440 (steel)
22560.1425–.1440 (stainless steel)

* to ease assembly the DIN 6332 specification has been completed by r

ORDER INFORMATION

Dimensions									WS		Art. No.	
d ₁	l ₁	d ₂ h11	d ₃	l ₂	l ₃	l ₄ ~	l ₅ ~	n			Steel	Stainless steel
[mm]									[mm]	[g]		
slotted (S) – picture 1												
M 6	30	4.5	4.0	6.0	2.5	32.1	–	1.0	–	4.5	22540.0061	22540.1061
	50	4.5	4.0	6.0	2.5	52.1	–	1.0	–	7.8	22540.0062	22540.1062
M 8	40	6.0	5.4	7.5	3.0	43.0	42.5	1.2	–	11.0	22540.0081	22540.1081
	60	6.0	5.4	7.5	3.0	63.0	62.5	1.2	–	17.0	22540.0082	22540.1082
M10	60	8.0	7.2	9.0	4.5	63.6	62.6	1.6	–	27.0	22540.0101	22540.1101
	80	8.0	7.2	9.0	4.5	83.6	82.6	1.6	–	37.0	22540.0102	22540.1102
M12	60	8.0	7.2	10.0	4.5	64.6	62.6	2.0	–	38.0	22540.0121	22540.1121
	80	8.0	7.2	10.0	4.5	84.6	82.6	2.0	–	51.0	22540.0122	22540.1122
	100	8.0	7.2	10.0	4.5	104.6	102.6	2.0	–	65.0	22540.0123	22540.1123
M16	80	12.0	11.0	12.0	5.0	85.4	82.9	2.5	–	100.0	22540.0161	22540.1161
	100	12.0	11.0	12.0	5.0	105.4	102.9	2.5	–	124.0	22540.0162	22540.1162
	125	12.0	11.0	12.0	5.0	130.4	127.9	2.5	–	160.0	22540.0163	22540.1163
M20	100	15.5	14.4	14.0	5.5	105.5	–	3.0	–	190.0	22540.0201	22540.1201
	125	15.5	14.4	14.0	5.5	130.5	–	3.0	–	240.0	22540.0202	22540.1202
	150	15.5	14.4	14.0	5.5	155.5	–	3.0	–	290.0	22540.0203	22540.1203
with internal hexagon (IS) – picture 2												
M 6	30	4.5	4.0	6.0	2.5	32.1	–	–	3	4.3	22540.0361	22540.1361
	50	4.5	4.0	6.0	2.5	52.1	–	–	3	7.6	22540.0362	22540.1362
M 8	40	6.0	5.4	7.5	3.0	43.0	42.5	–	4	11.0	22540.0381	22540.1381
	60	6.0	5.4	7.5	3.0	63.0	62.5	–	4	17.0	22540.0382	22540.1382
M10	60	8.0	7.2	9.0	4.5	63.6	62.6	–	5	26.0	22540.0401	22540.1401
	80	8.0	7.2	9.0	4.5	83.6	82.6	–	5	36.0	22540.0402	22540.1402

→

Dimensions									WS		Art. No.	
d ₁	l ₁	d ₂ h11	d ₃	l ₂	l ₃	l ₄ ~	l ₅ ~	n			Steel	Stainless steel
[mm]									[mm]	[g]		
M12	60	8.0	7.2	10.0	4.5	64.6	62.6	–	6	36.0	22540.0421	22540.1421
	80	8.0	7.2	10.0	4.5	84.6	82.6	–	6	51.0	22540.0422	22540.1422
	100	8.0	7.2	10.0	4.5	104.6	102.6	–	6	117.0	22540.0423	22540.1423
M16	80	12.0	11.0	12.0	5.0	85.4	82.9	–	8	91.0	22540.0461	22540.1461
	100	12.0	11.0	12.0	5.0	105.4	102.9	–	8	119.0	22540.0462	22540.1462
	125	12.0	11.0	12.0	5.0	130.4	127.9	–	8	154.0	22540.0463	22540.1463
M20	100	15.5	14.4	14.0	5.5	105.5	–	–	10	178.0	22540.0501	22540.1501
	125	15.5	14.4	14.0	5.5	130.5	–	–	10	230.0	22540.0502	22540.1502
	150	15.5	14.4	14.0	5.5	155.5	–	–	10	284.0	22540.0503	22540.1503

APPLICATION EXAMPLE

