



3 Type

- A** full ball
B flat ball
V flat ball, with swivel limiting stop
VR flat ball, with swivel limiting stop, corrugated

1

2

d ₁		l ₁						d ₂	d ₃	l ₂ ≈	l ₃ ≈	l ₄ ≈	A/F	Static load in N Type A / Type B
Type A	Type V	Nominal length												
Type B	Type VR													
M 4	-	6	10	16	-	-	2,5	2	0,8	0,3	-	2	3500	
M 5	-	8	12	20	-	-	3	2,5	1	0,4	-	2,5	5000	
M 6	M 6	10	16	20	25	-	4	3,2	1,3	0,6	0,45	3	9000	
M 8	M 8	10	12	20	25	30	5,5	4,5	1,8	0,8	0,5	4	15000	
M 10	M 10	12	16	20	25	35	7	6	2,3	0,8	0,6	5	24000	
M 12	M 12	16	20	30	40	-	8,5	7,2	2,8	1	0,75	6	30000	
M 16	M 16	20	25	35	50	-	12	10,7	4,3	1,3	1	8	73000	

Specification

- Steel
 - Tensile strength class 10.9 (1000 N/mm²)
 - blackened
- Ball
 - hardened
 - blank
- RoHS compliant

On request

- Ball point screws with (full) plastic ball (Type AK)

Information

Ball point screws GN 605 with full ball (Type A) are used in applications where a ball point contact is required.

The flat faced moving ball (Type B) allows a clamping or supporting of non parallel surfaces.

The ball of Type V/VR can be swivelled to a maximum of 9° to ensure that clamping is always maintained on the flat section of the ball.

see also...

- Grub screws GN 913.2 (with hardened pad) → Page 522
- Ball point screws GN 606 (with cylinder head) → Page 526

How to order

GN 605-M6-25-B

1 d₁
 2 l₁
 3 Type