


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	Type A Type B	Type V Type VR	l ₁ Nominal length					d ₂	d ₃	d ₄	l ₂ ≈	l ₃ ≈	l ₄ ≈	l ₅	l ₆	A/F	Static load in N Type A / Type B
			10	12	16	20	25										
M 4	-	-	10	12	16	20	25	2,5	2	7	0,8	0,2	-	2,1	4	3	3500
M 5	-	-	12	16	20	25	30	3	2,5	8,5	1	0,4	-	2,4	5	4	5000
M 6	M 6	M 6	16	20	25	30	40	4	3,2	10	1,3	0,6	0,45	3	6	5	9000
M 8	M 8	M 8	20	30	35	40	50	5,5	4,5	13	1,8	0,8	0,5	3,5	8	6	15000
M 10	M 10	M 10	25	30	40	50	60	7	6	16	2,3	0,8	0,6	4,5	10	8	24000
M 12	M 12	M 12	30	50	80	-	-	8,5	7,2	18	2,8	1	0,75	5	12	10	30000
M 16	M 16	M 16	40	60	80	-	-	12	10,7	24	4,3	1,3	1	6	16	14	73000

Specification

- Steel
 - Tensile strength class 12.9
 - blackened
- Ball
 - hardened
 - blank
- *Strength values of screws* → Page 1481
- **RoHS compliant**

On request

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

Information

Ball point screws GN 606 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 the types V and 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...

- *Ball point screws GN 605 (Grub screw)* → Page 782

How to order

GN 606-M8-20-B
1 d₁
2 l₁
3 Type