



- 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 <sub>1</sub>	Type A Type B	Type V Type VR	l <sub>1</sub> Nominal length						d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	l <sub>2</sub> ≈	l <sub>3</sub> ≈	l <sub>4</sub> ≈	l <sub>5</sub>	l <sub>6</sub>	A/F	Static load in N Type A / Type B
			10	12	16	20	25	30										
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 (1200 N/mm<sup>2</sup>)
  - blackened
- Ball
  - hardened
  - blank
- **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 524

How to order

GN 606-M8-20-B

- 1 d<sub>1</sub>
- 2 l<sub>1</sub>
- 3 Type