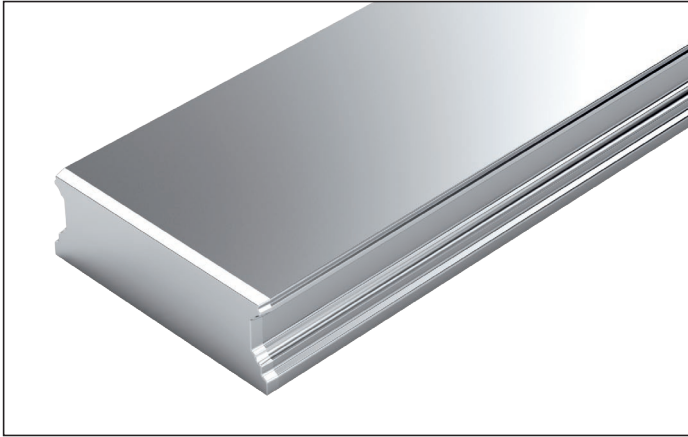


BNS for mounting from below


Ball guide rails made of steel R1677 .0. ..
With double-row mounting hole for mounting from below
Notes

- ▶ Observe the instruction for mounting!
Please request the “Mounting instructions for ball rail systems.”
- ▶ Composite ball guide rail also available.

Options and material numbers

Size	Ball guide rail with size	Accuracy class			Number of partial sections .. Rail length L (mm),		Hole spacing T (mm)	Recommended rail length in accordance with formula $L = n_B \cdot T - 4$ Maximum number of holes per drill row n_B
		N	H	P	One-piece	Composite		
20/40 ¹⁾	R1677 50	4	3	2	31,	3,	60	64
25/70	R1677 20	4	3	2	31,	3,	80	48
35/90	R1677 30	4	3	2	31,	3,	80	48
E.g.:	R1677 30	3			31, 1676			

1) Caution: Ball guide rail cannot be combined with ball runner block R1671 8.. ..!

Ordering example 1 (to L_{max})**Options:**

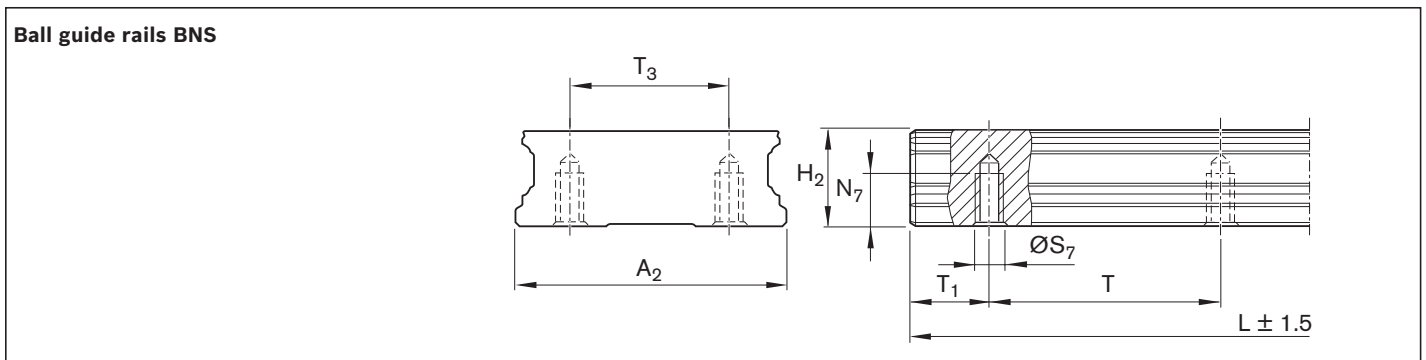
- ▶ Ball guide rail BNS,
- ▶ Size 35/90,
- ▶ Accuracy class H,
- ▶ One-piece
- ▶ Rail length L = 1676 mm

Material number: R1677 303 31, 1676 mm

Ordering example 2 (above L_{max})**Options:**

- ▶ Ball guide rail BNS,
- ▶ Size 35/90,
- ▶ Accuracy class H,
- ▶ **2 partial sections**
- ▶ Rail length L = 5116 mm

Material number: R1677 303 32, 5116 mm



Size	Dimensions (mm)										Mass (kg/m)
	A ₂	H ₂ ¹⁾	L _{max}	N ₇	S ₇	T	T _{1min}	T _{1s} ²⁾	T _{1max}	T ₃	
20/40	42	18.30	3 836	7.5	M5	60	10	28	50	24	5.3
25/70	69	23.55	3 836	12.0	M6	80	10	38	70	40	11.6
35/90	90	31.85	3 836	15.0	M8	80	12	38	68	60	21.0

1) Dimension H₂ without cover strip

2) Recommended: preferred dimension T_{1s} with tolerances ± 0.75.