

BNS with mounting hole plugs made of steel



Ball guide rails made of steel R1676 .5. ..
With two-row hole pattern, for mounting from above with mounting hole plugs made of steel

Notes

- ▶ Mounting hole plugs made of steel not included in scope of delivery.
- ▶ Observe the instruction for mounting!
Please request the “Mounting instructions for ball rail systems.”
- ▶ Composite ball guide rail also available.

Accessories

- ▶ Mounting hole plugs, mounting tool for mounting hole plugs see chapter “Accessories for ball guide rails”

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 $L = n_B \cdot T - 4$
		N	H	P	One-piece	Composite		
25/70	R1676 25	4	3	2	31, ...	3., ...	80	48
35/90	R1676 35	4	3	2	31, ...	3., ...	80	48
E.g.:	R1676 35		3		31, 1676			

Ordering example 1 (to L_{max})

Options:

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

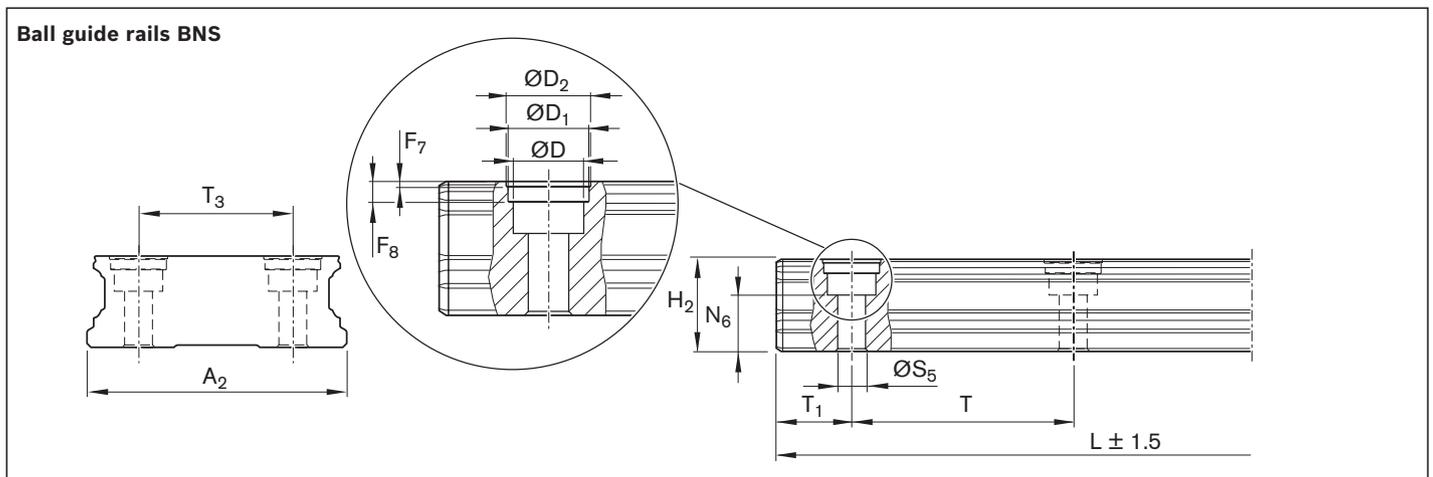
Material number: R1676 353 31, 1676 mm

Ordering example 2 (above L_{max})

Options:

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

Material number: R1676 353 32, 5116 mm



Size	Dimensions (mm)															Mass (kg/m)
	A_2	D	D_1	D_2	F_7	F_8	$H_2^{1)}$	L_{max}	$N_6^{\pm 0.5}$	S_5	T	T_{1min}	$T_{1S}^{2)}$	T_{1max}	T_3	
25/70	69	11.0	12.55	13	0.9	3.7	23.55	3 836	14.5	7.0	80	10	38	70	40	11.6
35/90	90	15.0	17.55	18	0.9	3.6	31.85	3 836	20.5	9.0	80	12	38	68	60	21.0

1) Dimension H_2 without cover strip

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