

BNS with plastic mounting hole plugs



Ball guide rails made of steel

R1675 .0. ..

With two-row hole pattern, for mounting from above with plastic mounting hole plugs

Notes

- ▶ Plastic mounting hole plugs included in scope of supply.
- ▶ Observe the instruction for mounting!
Please request the “Mounting instructions for ball rail systems.”
- ▶ Composite ball guide rail also available.

Further ball guide rails BNS and accessories

- ▶ Corrosion resistant ball guide rails see below
- ▶ 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 $L = n_B \cdot T - 4$ Maximum number of holes per drill row n_B
		N	H	P	One-piece	Composite		
20/40 ¹⁾	R1675 50	4	3	2	31,	3.,	60	64
25/70	R1675 20	4	3	2	31,	3.,	80	48
35/90	R1675 30	4	3	2	31,	3.,	80	48
E.g.:	R1675 30	3			31, 1676			

Ball guide rails Resist CR

R1673 .0. ..

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	
		H		One-piece Uncoated end faces	Coated end faces	Composite Coated end faces			
20/40 ¹⁾	R1673 50			3	31,	41,	4.,	60	64
25/70	R1673 20			3	31,	41,	4.,	80	48
35/90	R1673 30			3	31,	41,	4.,	80	48
E.g.:	R1673 30			3	42, 5116				

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
- ▶ Sizes 35/90
- ▶ Accuracy class H
- ▶ One-piece
- ▶ End faces uncoated
- ▶ Rail length L = 1676 mm

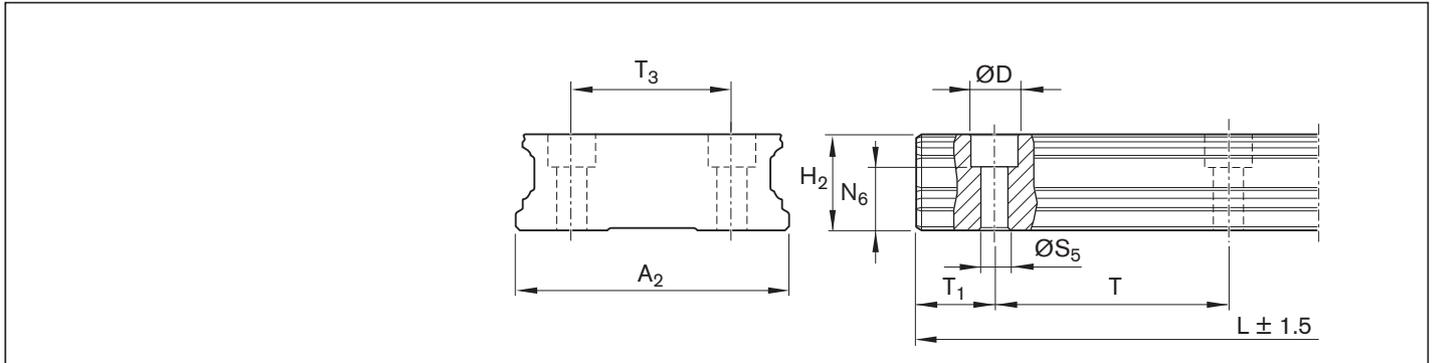
Material number: R1675 303 31, 1676 mm

Ordering example 2 (above L_{max})

Options:

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

Material number: R1673 303 42, 5116 mm



Size	Dimensions (mm)											Mass (kg/m)
	A_2	D	$H_2^{1)}$	L_{max}	$N_6^{\pm 0.5}$	S_5	T	$T_{1 min}$	$T_{1S}^{2)}$	$T_{1 max}$	T_3	
20/40	42	7.4	18.30	3 836	12.45	4.4	60	10	28	50	24	5.3
25/70	69	11.0	23.55	3 836	14.50	7.0	80	10	38	70	40	11.6
35/90	90	15.0	31.85	3 836	20.50	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 .