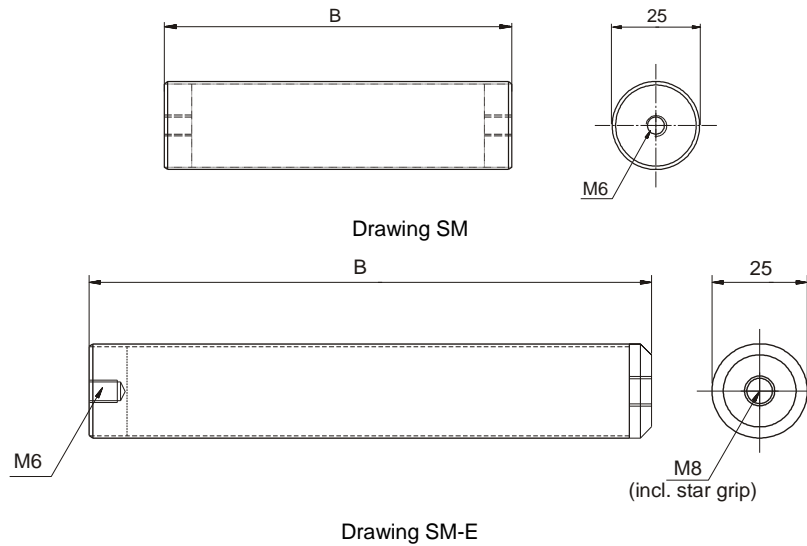


# Magnetic Separator SEPARATOR ROD SM

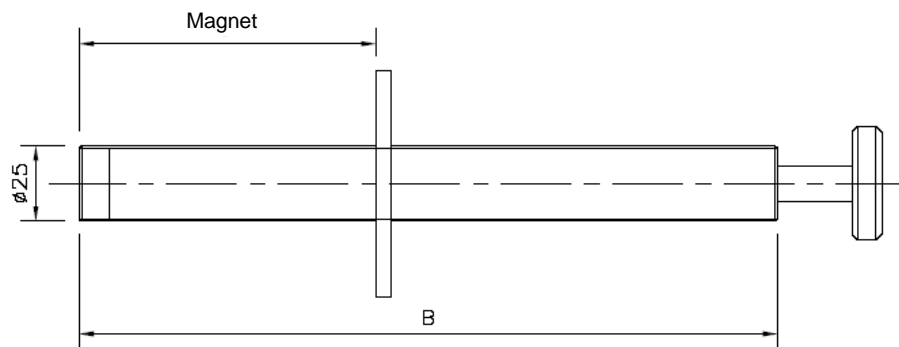
## ■ Dimensions SEPARATOR ROD



## ■ Technical data

	Gauss*	Version	Article	Length of rod B									
				100	150	200	250	300	350	400	450	500	
Ferrite	2500		SMF-										
Neodymium N35	7000		SMN7-										
	7000	+ Easy Clean	SMN7-E-										
Neodymium N45	9000		SMN9-										
	9000	+ Easy Clean	SMN9-E-										
	11000		SMN11-										
Weight [kg]				0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	

## ■ Dimensions Quality-Check Rod



## ■ Technical data

	Gauss*	Version	Article	Length of magnet		
				100	200	300
Neodymium N45	9000	+ Easy Clean	SMN9-HM-	100	200	300
Length B				265	365	465
Weight [kg]				1.0	1.2	1.6

\*: readings taken from outer tube surface: +/-5%

All dimensions in mm

Article no.: combination of "Article" and "Length of rod" (i.e. SMF-100)



# Magnetic Separator SEPARATOR ROD SM

## ■ Conditions of use

- Use:** Separator rods can be installed at any point in solid or liquid material flows to separate ferrous contaminants.
- Bulk material characteristics:** Dry, good free flowing characteristics, without long fibres, (EASY CLEAN facility is not available for the separation of liquids)
- Drop height of bulk material:** <1000 mm above magnets top edge
- Material flow:** Free fall application
- Bulk material temperature:** Max. +100°C (neodymium magnet) respectively max. +220°C (ferrite magnet) (for higher temperatures please see special version)
- Ambient temperature:** -20° to +60°C

## ■ Scope of delivery / Standard design

- Scope of delivery:** Ferrite or high intensity rare earth magnetic system protected by a stainless steel tube
- Tube material:** Stainless steel 1.4404 (AISI 316)
- Surface treatment:** Highly polished
- Magnetic material:** Manufactured by using high intensity rare earth neodymium magnet material N35 respectively N45
- Magnet characteristics:** Remanence Br: up to 13700 gauss (max. 11000 gauss on the tube surface)

## ■ Options / Accessories

.....

## ■ Special versions

- Surface coating (i.e. PTFE, TiN)
- Manufactured by using Samarium-Cobalt-magnet material for high temperature application
- Special dimensions
- ATEX certified version (max. zone 20)
- Surface electro-polished
- .....