

## Bag Filters and Strainer Baskets

### WTBF40/85 Magnet insert for bag filter housings type WTBF40 and WTBF85

WTBF-Magnet inserts for separation of ferrite particles are manufactured in two sizes, suitable for bag filter housings type WTBF40 and WTBF85. The field strength of the used Neodym-Magnets is 1,2 Tesla or 12.000 Gauss. As an option the magnet inserts can be provided with or without a pipe shell. The pipe shell offers the advantage that the ferrite particles separated on the pipe shell can be easily removed after pulling out the magnet inserts.

Another advantage of the WTBF-Magnet inserts is, that the Neodym-Magnets can be provided in different diameters.

The support construction and the pipe shell of the WTBF-Magnet inserts are made from stainless steel AISI304. For cartridge filter housings or non-company housings appropriate custom made versions can be supplied.



#### WTBF 40/85 Magnet insert

##### Technical Data

Material:	Stainless steel AISI304
O-Ring:	Viton ( only for version with pipe shell)
Field strength:	1,2 Tesla ( 12.000 Gauss )
Dimensions:	see Dimensions
Temperature:	max. 100°C
Flow rate:	The flow rate correlates to the nominal diameter of the housing connection and the micron rating of the specified filter bag

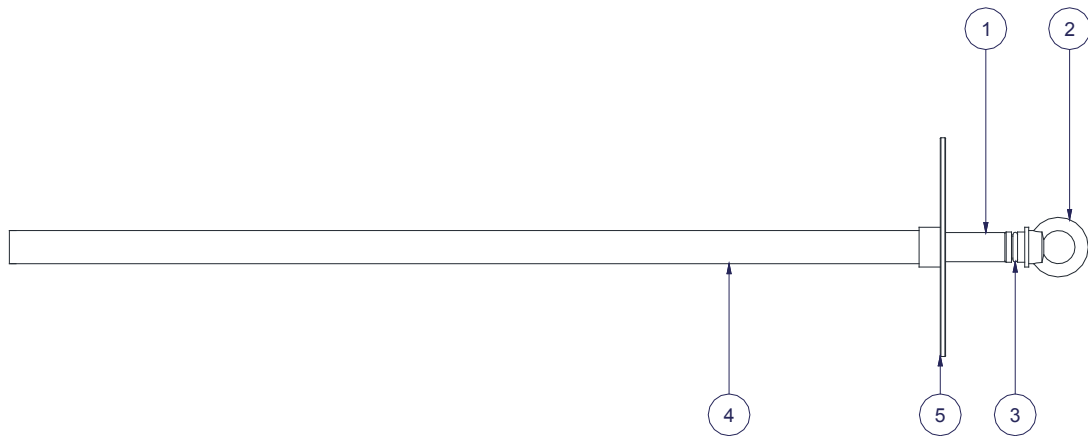
##### Applications

- Fine filter for cooling circuits
- Particle filter for cleaning baths
- Protection filters for pumps, valves and spray nozzles
- Prefilters for wash- and degreasing baths

##### Features and Benefits

- Two sizes, suitable for bag filter housings type WTBF40 and WTBF85
- Three different Magnet-diameters
- With or without pipe shell for easy removal of the separated particles
- Field strength 1,2 Tesla ( 12.000 Gauss )
- Support construction made from AISI304
- Special custom versions for cartridge filter housings or non-company housings can be supplied

## Dimensions



## Spare Parts

Pos.	Description	Material	Order designation	Order-No.
1	Magnet bar	Edelstahl 1.4301	WTBF40-Magnetstab WTBF85-Magnetstab	999993 999993
2	Ring nut	Stainless Steel A2	WTBF40-Magnetstab-Ringmutter	999993
3	O-Ring	Viton	WTBF40-Magnetstab-ORVIT	999993
4	Pipe shell	Edelstahl 1.4301	WTBF40-Magnetstab-Hüllrohr WTBF85-Magnetstab-Hüllrohr	999993 999993
5	Centering Cross	Edelstahl 1.4301	WTBF40-Magnetstab-Zentrierkreuz	999993

## Order example

WTBF	40	-	Magneteinsatz	-	d34	-	H	V
1	2		3		4		5	6

## Order Information

Pos.	Description
1	WTBF: For Wolftechnik Bag Filter Housings type WTBF
2	40: For Bag Filter Housings size 1 85: For Bag Filter Housings size 1
3	Magnet insert
4	d22: Bar-diameter 22 mm d30: Bar-diameter 30 mm d34: Bar-diameter 34 mm
5	H: With pipe shell for easy removal of the separated particles
6	V: Viton-O-Ring (only for version with pipe shell )