

## VAB

## Rolled ballscrew Class 7

- **Rolled ball screw**
- Travel deviation  $\pm 50\mu\text{m}/300\text{mm}$
- Material:  
C55 steel
- Rough sawn ends to be re-machined by the customer. The ends must be cleanly machined

### Option

- Machining of ends according to drawing

### Info

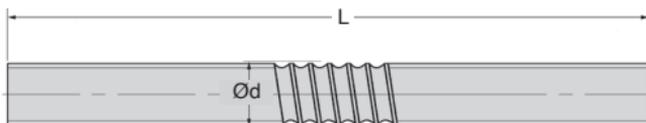
- Screws not compatible with **GBM** and **GBS** nuts

### Accessories

- See **VAB-F nut (tome 3 p.339)** (Ballscrew pitch and diameter must match that of the nut)
- Ballscrew bearing supports **BSB (tome 3 p.346)** and **RPB (tome 3 p.347)**



**Ballscrew with flanged nut VABF**



### DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-5%	On request

Part number	Ballscrew Ød	Pitch (mm)	L (mm)	L maxi (mm)	Price each
VAB1605-1000TR7	16	5	1000	3000	50,09 €
VAB2005-1000TR7	20	5	1000	4000	76,96 €
VAB2505-1000TR7	25	5	1000	6000	72,11 €
VAB3205-1000TR7	32	5	1000	6000	125,59 €
VAB3210-1000TR7	32	10	1000	6000	134,93 €
VAB4005-1000TR7	40	5	1000	6000	233,31 €
VAB4010-1000TR7	40	10	1000	6000	233,31 €
VAB5010-1000TR7	50	10	1000	6000	304,61 €

Dimensions in mm

- Ball screw nut without preload
- Axial clearance:
  - 0.08mm up to diam 40mm
  - 0.12mm diam 50mm and over
- Materials:
  - Steel nut 18CrMo4h
  - Steel balls 100Cr6

### Mounting

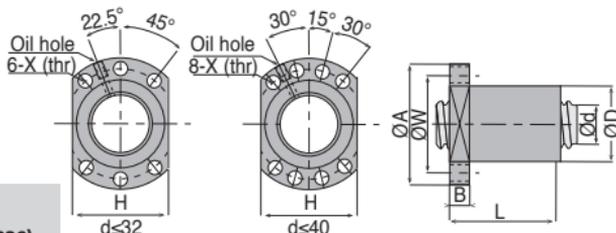
- To be mounted by yourself on the ballscrew after machining the screw ends (see mounting precautions)

### Info

- Nut not compatible with KGS screws

### Accessories

- See VAB screw (tome 3 p.338) (screw pitch and diameter must match that of nut)



### DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-5%	On request

Part number	ØD	ØA	B	L	ØW	H	ØX	Q	Circuits number N
VAB1605-4-F-RH	28	48	10	45	38	40	5,5	M6x1	4
VAB2005-4-F-RH	36	58	10	51	47	44	6,6	M6x1	4
VAB2505-4-F-RH	40	62	10	51	51	48	6,6	M6x1	4
VAB3205-4-F-RH	50	80	12	52	65	62	9	M6x1	4
VAB3210-4-F-RH	50	80	12	85	65	62	9	M6x1	4
VAB4005-4-F-RH	63	93	14	55	78	70	9	M8x1	4
VAB4010-4-F-RH	63	93	14	88	78	70	9	M8x1	4
VAB5010-4-F-RH	75	110	16	88	93	85	11	M8x1	4

Part number	For ballscrew		Ball Diam ØDa	Loading rating		Price each
	Ød	Pitch (mm)		Dynamic Ca (daN)	Static Coa (daN)	
VAB1605-4-F-RH	16	5	3,175	919	1789	75,60 €
VAB2005-4-F-RH	20	5	3,175	1065	2376	85,90 €
VAB2505-4-F-RH	25	5	3,175	1137	2830	99,17 €
VAB3205-4-F-RH	32	5	3,175	1313	3861	151,65 €
VAB3210-4-F-RH	32	10	6,35	3201	7154	179,47 €
VAB4005-4-F-RH	40	5	3,175	1477	5042	175,74 €
VAB4010-4-F-RH	40	10	6,35	3707	9503	259,22 €
VAB5010-4-F-RH	50	10	6,35	4219	12450	390,99 €

Dimensions in mm