

## 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

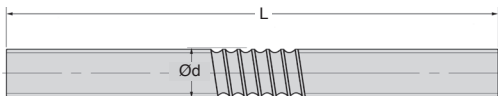
- Screws not compatible with **GBM** and **GBS** nuts

### Accessories

- See **VAB-F** nut (Ballscrew pitch and diameter must match that of the nut)
- Ballscrew bearing supports **BSB** and **RPB**



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	40,07 €
VAB2005-1000TR7	20	5	1000	4000	61,57 €
VAB2505-1000TR7	25	5	1000	6000	115,38 €
VAB3205-1000TR7	32	5	1000	6000	200,95 €
VAB3210-1000TR7	32	10	1000	6000	215,88 €
VAB4005-1000TR7	40	5	1000	6000	373,30 €
VAB4010-1000TR7	40	10	1000	6000	373,30 €
VAB5010-1000TR7	50	10	1000	6000	487,37 €

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

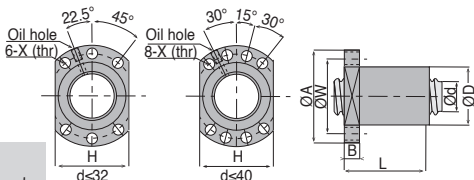
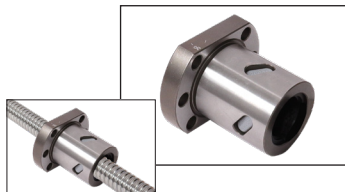
- To be mounted by yourself on the ballscrew after machining the screw ends (see mounting precautions)

## Info

- Nut not compatible with KGS screws

## Accessories

- See VAB screw (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	60,48 €
VAB2005-4-F-RH	20	5	3,175	1065	2376	68,72 €
VAB2505-4-F-RH	25	5	3,175	1137	2830	79,34 €
VAB3205-4-F-RH	32	5	3,175	1313	3861	121,32 €
VAB3210-4-F-RH	32	10	6,35	3201	7154	143,57 €
VAB4005-4-F-RH	40	5	3,175	1477	5042	140,59 €
VAB4010-4-F-RH	40	10	6,35	3707	9503	207,37 €
VAB5010-4-F-RH	50	10	6,35	4219	12450	312,80 €

Dimensions in mm

## Our other products



ACLEPP  
Right angled bracket for aluminium profile, 4 holes



ACLALF  
Adjustable foot for aluminium profile, ideal for workstations



BPHF  
Ball transfer unit push fit, Heavy



CHAFR  
Adjustable friction hinges, Friction



UCFL  
Cast iron flanged bearing, Cast iron



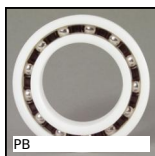
PSG1S  
Spur gear - precision range, Stainless steel 303



DOMI30  
Connecting kits, XZ linking kit



BOX-CSss  
Hose clamp, Box set of stainless steel hose clamps



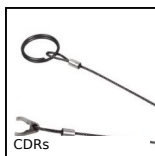
PB  
Plastic deep groove ball bearing, Plastic - balls material :



SH1  
Parallel axis helical gear, Machined plastic (delrin)

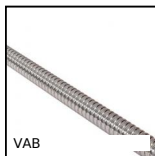


CMAss  
Eye bolt stainless steel, Stainless steel



CDRs  
Retaining cable for ball pin, Retaining cable

## Complementary products



VAB  
Ballscrew, supplied by the metre, Rolled ballscrew, per metre