

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

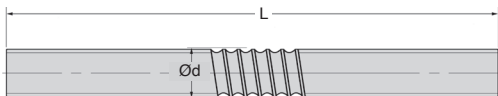
- Screws not compatible with **GBM** and **GBS** nuts

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		L (mm)	L maxi (mm)	Price each
	Ød	Pitch (mm)			
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

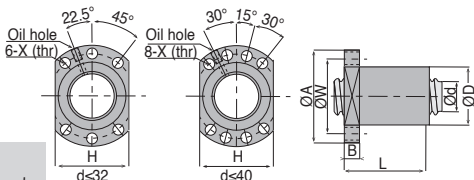
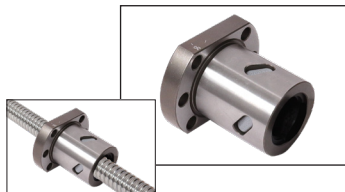
- To be mounted by yourself on the ballscrew after machining the screw ends (see mounting precautions)

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



SH0

Parallel axis helical gear, Steel 20NCD2



PO

Pull handle - Multi-sector, Tapped recessed insert



PDM_PDV

Detectable plastic palm grip, blue thermoplastic



STU

Stroke rotary bushing, Steel



VRC1

Retaining clamp, single sided, Single sided



BLHB40

Right angled gearbox, bored shafts, up to 10.3 Nm



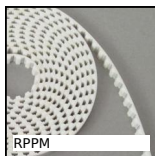
BOX-CS

Hose clamp, Box set of steel hose clamps



HBM

Adjustment bushing for half-rail guide, Adjustment bushing



RPPM

RPP type belt per metre, RPP8 Steel cored polyurethane



ZHBRA

Plastic bevel gear, 1,25:1 2:1 3:1



BPHF

Ball transfer unit push fit, Heavy



SDB

Locking bolt support bracket, Mounting holes at 90° to locating bolt

Complementary products



VAB

Flanged nut for ball screw, For VAB ballscrew