

AXIAL ROLLING SYSTEMS

A-1 / A-1 G / A-1 LH / A-1 G LH

Ø Shank (D)	20 mm.	25 mm.	3/4"	1"	1 1/4"	VDI 20	VDI 25	VDI 30
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General dimensions

for right-hand threads

- A-1 to be used stationary only
- A-1 G for stationary and rotary use
- A-1 LH, A-1 G LH (Left hand heads are dimensionally the same as right hand heads but open and close on the opposite direction.)
- inclined position of rolls = $3^{\circ}30'$
- weight without rolls = approx. 0.9Kg.

a= Pull off for opening

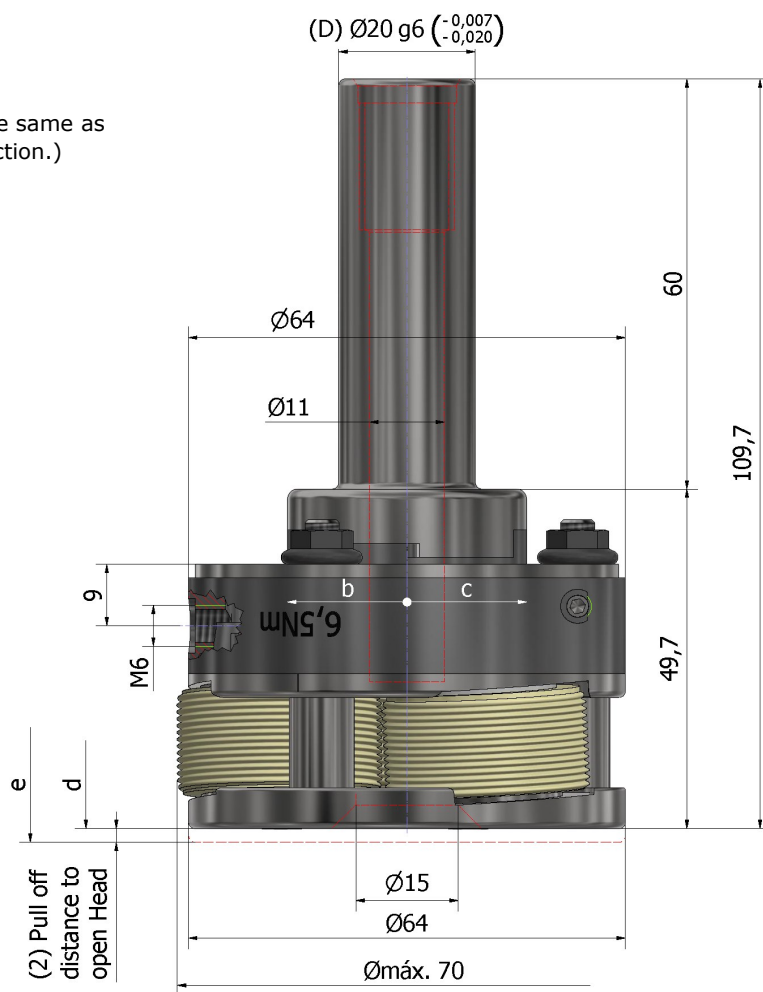
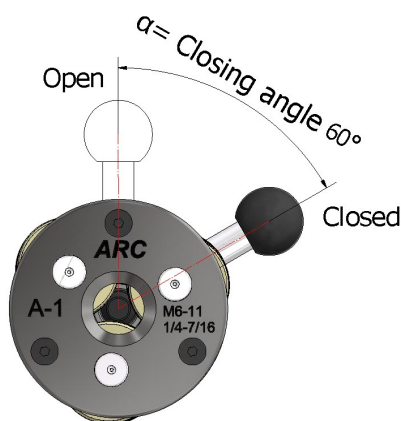
b= head opens type A-1 G, closes type A-1

c= head opens type A-1, closes type A-1 G

d= Rolling Head closed

e= Rolling Head opened

α = Closing angle 60°

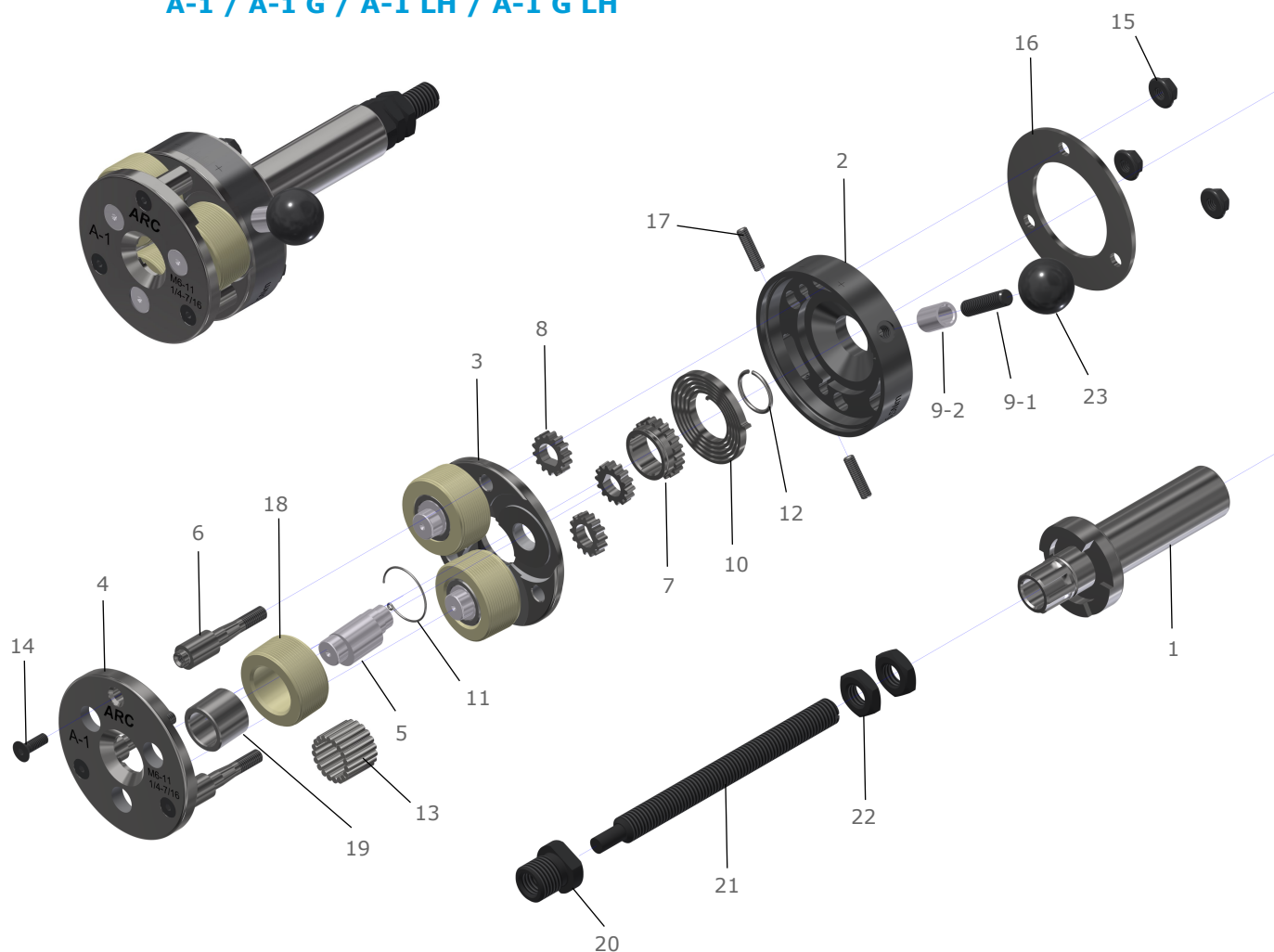


Working range

M	MF	UNC	UNF	BSW
M 6 ... 8 x 1	M 6 ... 8 x 0.75	UNC 1/4 - 20	UNF 1/4 - 28	BSW 1/4 - 20
M 8 ... 9 x 1,25	M 8 ... 10 x 1	UNC 5/16 - 18	UNF 5/16... 3/8 - 24	BSW 5/16 - 18
M 10 x 1,5	M 10 ... 11 x 1,25	UNC 3/8 - 16	UNF 7/16 - 20	BSW 3/8 - 16
		UNC 7/16 - 14		
BSF	G	NPT NPTF	RAA RGE	
BSF 1/4 - 26	G 1/16 - 28	NPT 1/16 - 27	Ø6 ... Ø 8 x 0,5	
BSF 5/16 - 22	G 1/8 - 28	NPT 1/8 - 27	~	
BSF 3/8 - 20		NPTF 1/16 - 27	Ø8 ... Ø 10 x 2,0	
BSF 7/16 - 20		NPTF 1/8 - 27		

SPARE PARTS FOR ROLLING HEADS

A-1 / A-1 G / A-1 LH / A-1 G LH



Spare parts list for rolling heads

Part. No	Qty.	Part Description
1	1	Shank
2	1	Spring Housing
3	1	Back Plate
4	1	Front Plate
5	3	Eccentric Spindles
6	3	Spacer Studs
7	1	Center Gear
8	3	Outer Gear
9-1	1	Handle Stud
9-2	1	Handle bushing
10	1	Spring

Part. No	Qty.	Part Description
11	1	Circlip
12	1	Circlip
13**	57	Needle Bearings
14	3	Cap Screw
15	3	Hexagon Nut
16	1	Ring Washer
17	2	Head stud
18	3	Thread Roll
20	1	Stop Sleeve
21	1	Stop Screw
22	2	Stop Screw lock-nut

** on request can be supplied with carbide bushings.
Part No.: 19 Quantity: 3