

Clamping Elements Short Elements KUD

for customer assembled Short Element Clamping Mandrels
for setup to different clamping diameters within a given size



80-1

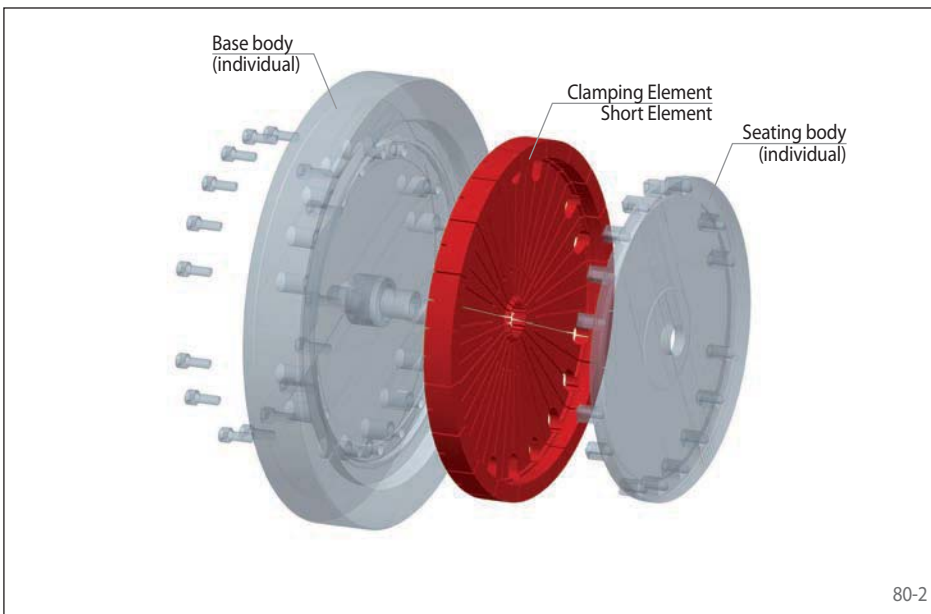
Features

- For clamping diameters from 70 mm to 200 mm
- High true running accuracy $\leq 0,01$ mm
- Permissible component tolerance up to IT11
- Very short clamping fixture length
- Pull-back possible
- Rubberized slots in the Short Element
- For blind bores ≥ 2 mm
- Clamping in the smallest centring and blind bores
- Simple configuration
- Long service life
- Setup to different clamping diameters within a given size by simple change of the Clamping Element

Configuration

The Clamping Element Short Element is an adaptation of the Clamping Element Flat Element designed for clamping in the smallest centring and blind bores.

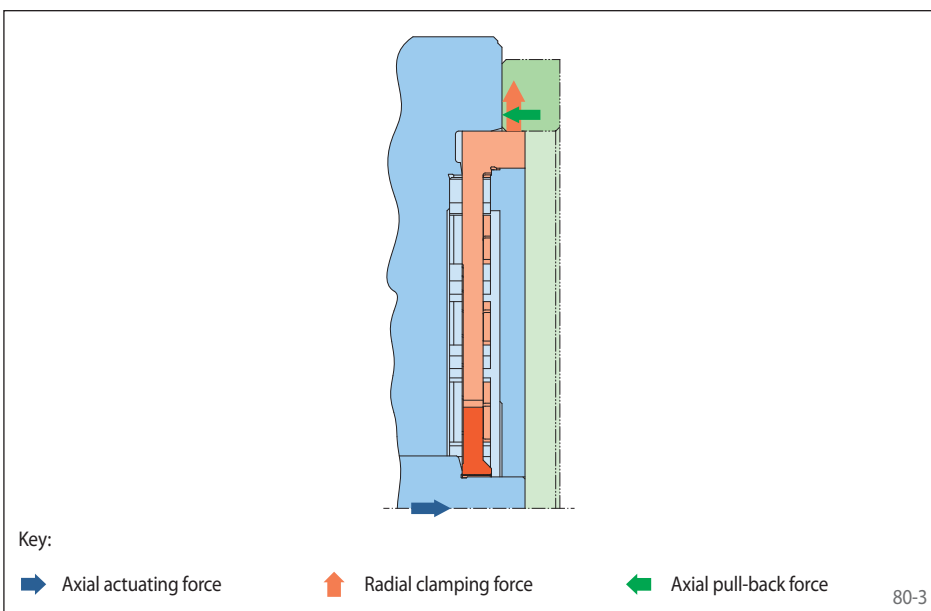
Short Element Clamping Mandrels are produced individually according to customer specification. To order these fixtures, please complete the questionnaire on page 119 and send it to us.



80-2

Clamping principle

The Short Element sits pre-loaded on the seating diameter of the seating body. For clamping, the Short Element is elastically deformed by an axial actuating force. The component is centred, pressed against the backstop and aligned flush.



Key:

➡ Axial actuating force

↑ Radial clamping force

← Axial pull-back force

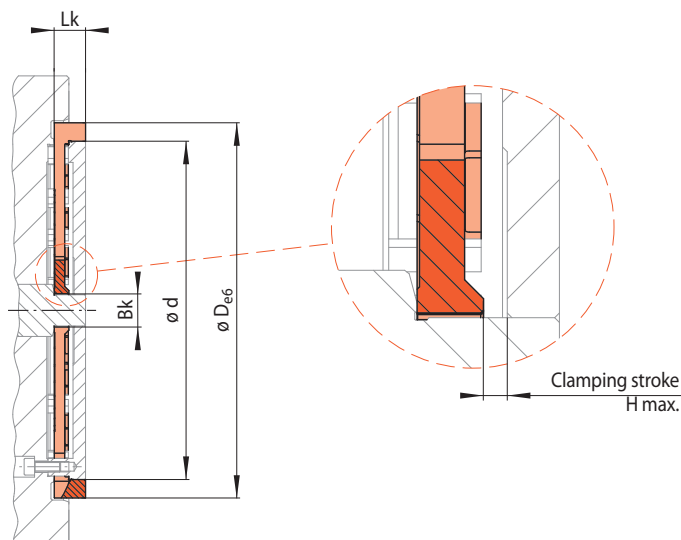
80-3

Edmayr Antriebstechnik GmbH
Thalham 20, 4880 St. Georgen im Attergau
Tel.: +43 7667 6840 Fax: +43 7667 20070
office@edmayr.at www.edmayr.at

Clamping Elements Short Elements KUD

for customer assembled Short Element Clamping Mandrels
for setup to different clamping diameters within a given size

EDMAYR
ANTRIEBSTECHNIK



81-1

Size KUD ... d mm	Achievable clamping diameter D* mm	Maximum diameter change** Δ D mm	Max. transmissible torque*** M Nm	Max. Actuating force*** F N	Bk mm	H max. **** mm	Lk mm	Art.-No.
								1193-
62	70 - 80	0,21	93	5390	12	1,7	12	062002
72	80 - 90	0,21	157	6350	12	2,1	12	072002
80	90 - 100	0,27	235	9800	16	2,2	16	080002
90	100 - 110	0,27	300	9800	16	2,6	16	090002
100	110 - 120	0,28	360	9300	16	3,1	17	100002
110	120 - 130	0,28	480	10750	16	3,4	17	110002
120	130 - 145	0,30	600	10750	20	3,8	17	120002
130	145 - 155	0,30	900	14700	20	4,0	20	130002
140	155 - 170	0,34	1030	15650	20	4,5	20	140002
155	170 - 185	0,37	1230	16650	20	5,1	22	155002
170	185 - 200	0,43	1320	16650	20	5,8	22	170002

* Clamping diameter adjustable to two places after the decimal point • ** of the clamping diameter of the Clamping Element. • *** for clamping with pull-back action.

**** Clamping stroke H max. describes the load limit of the Clamping Element while activation without component.

Example for ordering

Please indicate the size of the Clamping Element and the clamping diameter of your component, including component tolerance, in your order:

Size: KUD 80
Clamping diameter: 95,47 mm
Component tolerance: H7

➡ KUD 80-95,47H7

EDMAYR ANTRIEBSTECHNIK GmbH

Thalham 20
A-4880 St. Georgen im Attergau

Tel.: +43 7667 6840
Fax: +43 7667 20070

www.edmayr.at
office@edmayr.at

