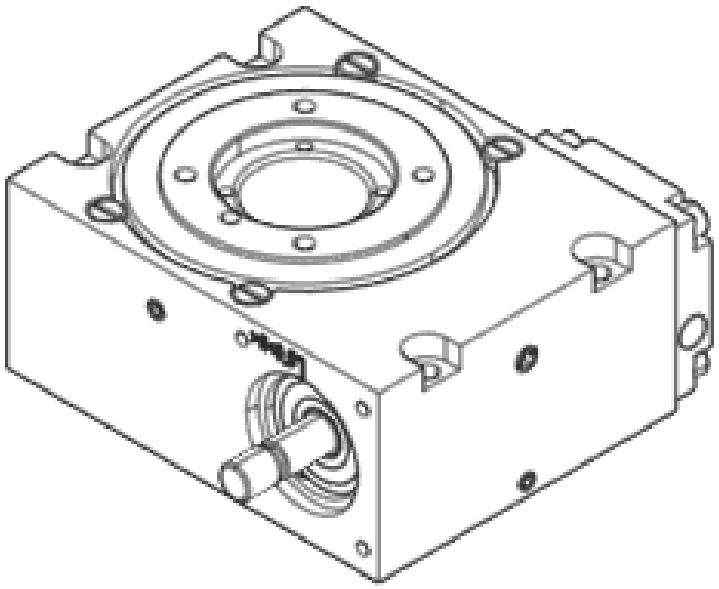
Parts lists and drawings



Manual rotary adjusters
DT 80/100

Version 01

IEF WERNER

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1 About this document

The parts lists and drawings in this document are a general representation. Specific parts (engine, gear unit, ...) are order-dependent and may vary.

Only order spare parts using the specific spare parts list supplied with the product.

1.1 Customer service department

In case of questions or problems, please contact our customer service:

IEF-Werner GmbH

Wendelhofstr. 6, 78120 Furtwangen, Germany

Telephone: +49 7723 / 925 - 222**,** E-mail: service@ief-werner.de

1.2 Change history

Version	Date	Changes
01	January, 2025	First edition

1.3 Other applicable documents

Important documents can be downloaded from our homepage: http://www.ief.de/dt-80100.

The documentation for this product includes:

- the instructions (see homepage).
- the declaration of incorporation / UKCA Declaration of Incorporation (see homepage)
- the specific spare and wear parts list enclosed with the product.
- the models, parts lists and drawings (see homepage).
- the documentation of the installed supplier components.

2 Parts lists

The parts lists and drawings in this document are a general representation. Specific parts (engine, gear unit, ...) are order-dependent and may vary.

Only order spare parts using the specific spare parts list supplied with the product.

2.1 Rotary unit (part no. 1117663)

Pos.	Part no.	Designation 1	Designation 2	Quant-ity	Unit	Spare part / wear part
10	1117652	Housing	Type: MDV 80/100 H	1	Pcs	
20	1119630	Worm gearing, cpl.	Type: MDV 80/100 H	1	Pcs	Wear part
40	1117653	Pressure plate	Type: MDV 80/100 H	1	Pcs	
50	1117655	Rotary plate	Type: MDV 80/100 H	1	Pcs	
60	1103081	Cover MDV 80/100	Type: MDV 80/100	1	Pcs	
70	1117654	Threaded ring	Type: MDV 80/100 H	1	Pcs	
80	1117656	Clamping sleeve	Type: MDV 80/100 H	1	Pcs	
90	1103074	Cover	Type: MDV 80/100	1	Pcs	
100	1103053	Bearing housing	Type: MDV 80/100	1	Pcs	
110	737184	Angular contact thrust ball bearing – 6 mm x 19 mm x 12 mm	Type: ZKLN0619-2Z	1	Pcs	Wear part
120	626612	Threaded ring M20x1	Type: M20x1/V2A	1	Pcs	Spare part
130	626613	Threaded ring M6x0.5, stainless steel		1	Pcs	Spare part
140	1119028	Spindle ball bearing	Type: KH 61906 2RZ Spare part TA ..	2	Pcs	Wear part
150	729989	Deep groove ball bearing – 10 mm x 26 mm x 8 mm	Type: DIN 625-6000-2RS	1	Pcs	Wear part
170	626950	Cheese head screw	Type: DIN 912 / ISO 4762 – M4 x 12 – A2-50	4	Pcs	
180	1434141	Funnel grease nipple with slot without collar	Type: DV1-M6x1.0 – bright zinc-plated steel, form A	1	Pcs	
190	1094325	O-ring – NBR – 70° Shore A	Type: 55-2.50	1	Pcs	Wear part
200	1119891	O-ring – NBR – 70° Shore A	Type: 36-1.50	1	Pcs	Wear part
210	626709	Cheese head screw	Type: DIN 912 / ISO 4762 – M3 x 20 – 8.8 galv.	8	Pcs	
220	1601097	End screw GA3	Stainless steel Mat.1.4034	4	Pcs	
230	626933	Grub screw, hex socket and flat point	Type: DIN 913 / ISO 4026 – M5 x 10 – A2-21H	2	Pcs	

Pos.	Part no.	Designation 1	Designation 2	Quant-ity	Unit	Spare part / wear part
240	1119892	Grub screw, hex socket and flat point	Type: DIN 913 / ISO 4026 – M5 x 0.5 x 5 – A2-21H	2	Pcs	
250	1103045	O-ring – NBR – 70° Shore A	Type: 70-2.00	1	Pcs	Wear part
260	1005637	Sealing plug d=7.2, natural	Type: GPN 300 V2	2	Pcs	Spare part
270	1131051	Insertion rod	Type: Ø4 x 26.5	1	Pcs	
280	1131054	Insertion rod	Type: Ø4 x 6.5	1	Pcs	

2.2 Handwheel (part no. 1103166)

Pos.	Part no.	Designation 1	Designation 2	Quant-ity	Unit	Spare part / wear part
10	1103159	Handwheel	Type: d=50	1	Pcs	
20	971337	Counter screw, M8x1	Type: dL80	1	Pcs	
30	1103154	Pressure sleeve	Type: MDV 80/100	1	Pcs	
40	1021047	O-ring – NBR – 70° Shore A	Type: 8-1.00	1	Pcs	Wear part

2.3 Clamping lever (part no. 1103176)

Pos.	Part no.	Designation 1	Designation 2	Quant-ity	Unit	Spare part / wear part
10	1103158	Clamping element MDV 80/100	Type: MDV 80/100	1	Pcs	
20	1103156	Sleeve MDV 80/100	Type: MDV 80/100	1	Pcs	
40	1046944	Adjustable clamping lever	Type: GN 300-45-M4-32-SW	1	Pcs	

2.4 Adjusting knob (part no. 1103165)

Pos.	Part no.	Designation 1	Designation 2	Quant-ity	Unit	Spare part / wear part
10	972957	Adjusting knob M8x1	Type: dL80	1	Pcs	Spare part
20	971337	Counter screw, M8x1	Type: dL80	1	Pcs	
30	1103154	Pressure sleeve	Type: MDV 80/100	1	Pcs	
40	1021047	O-ring – NBR – 70° Shore A	Type: 8-1.00	1	Pcs	Wear part

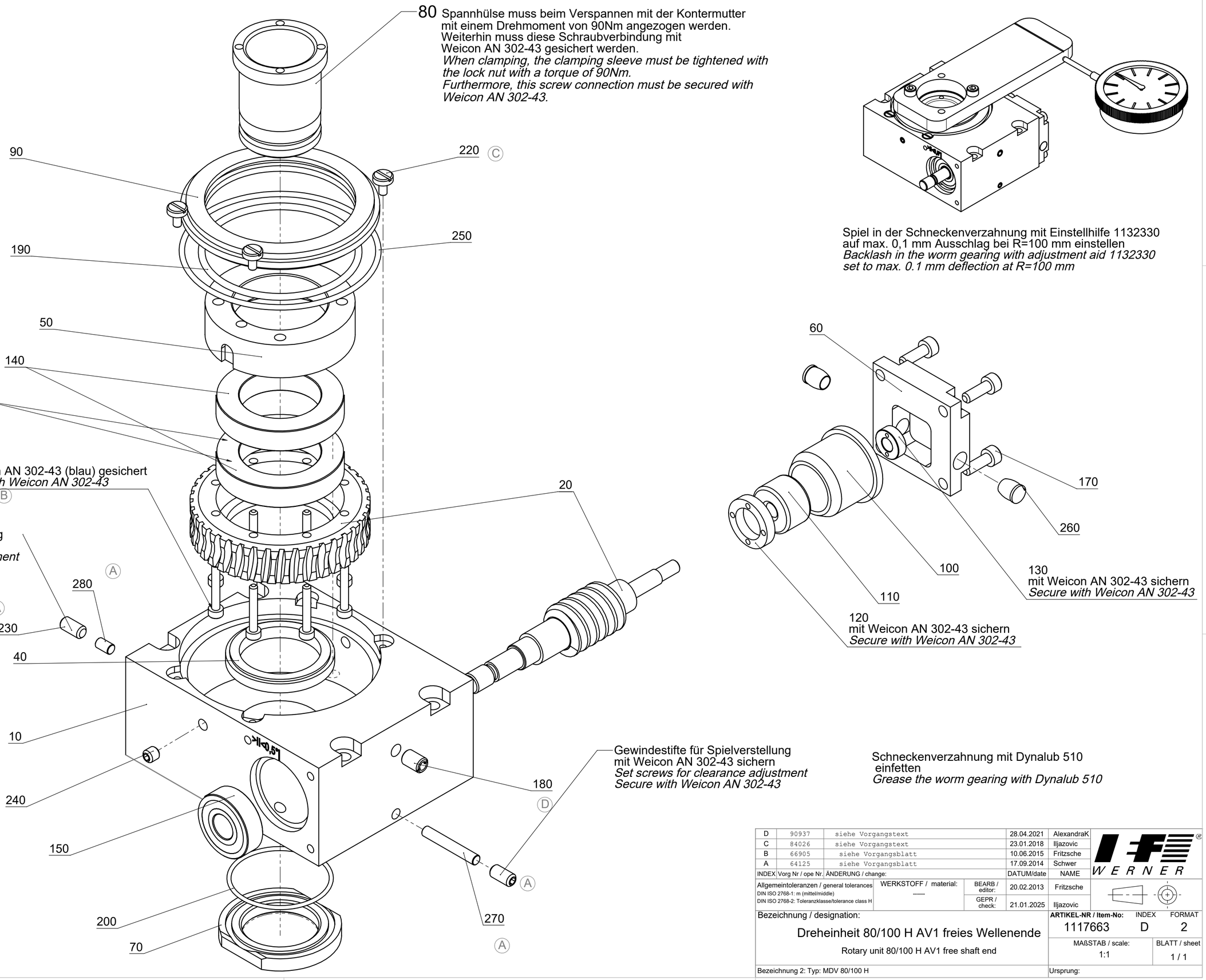
3 Drawings

The parts lists and drawings in this document are a general representation. Specific parts (engine, gear unit, ...) are order-dependent and may vary.

Only order spare parts using the specific spare parts list supplied with the product.

See also

- Rotary unit (Part no. 1117663) [▶ 8]
- Handwheel (Part no. 1103166) [▶ 9]
- Clamping (Teilenr. 1103176) [▶ 10]
- Adjusting knob (Part no. 1103165) [▶ 11]



Spiel in der Schneckenverzahnung mit Einstellhilfe 1132330 auf max. 0,1 mm Ausschlag bei R=100 mm einstellen
Backlash in the worm gearing with adjustment aid 1132330 set to max. 0.1 mm deflection at R=100 mm

Schneckenverzahnung mit Dynalub 510 einfetten
Grease the worm gearing with Dynalub 510

D	90937	siehe Vorgangstext	28.04.2021	AlexandraK
C	84026	siehe Vorgangstext	23.01.2018	Iljazovic
B	66905	siehe Vorgangsblatt	10.06.2015	Fritzsche
A	64125	siehe Vorgangsblatt	17.09.2014	Schwer
INDEX	Vorg Nr / ope Nr.	ÄNDERUNG / change:	DATUM/date	NAME

Allgemeintoleranzen / general tolerances DIN ISO 2768-1: m (mittel/middle) DIN ISO 2768-2: Toleranzklasse/tolerance class H	WERKSTOFF / material: ------	BEARB / editor:	20.02.2013 Fritzsche
		GEPR / check:	21.01.2025 Iljazovic

Bezeichnung / designation:

Dreheinheit 80/100 H AV1 freies Wellenende

Rotary unit 80/100 H AV1 free shaft end

Bezeichnung 2: Typ: MDV 80/100 H

ARTIKEL-NR / Item-No:	INDEX	FORMAT
1117663	D	2
MAßSTAB / scale: 1:1	BLATT / sheet 1 / 1	

Ursprung:

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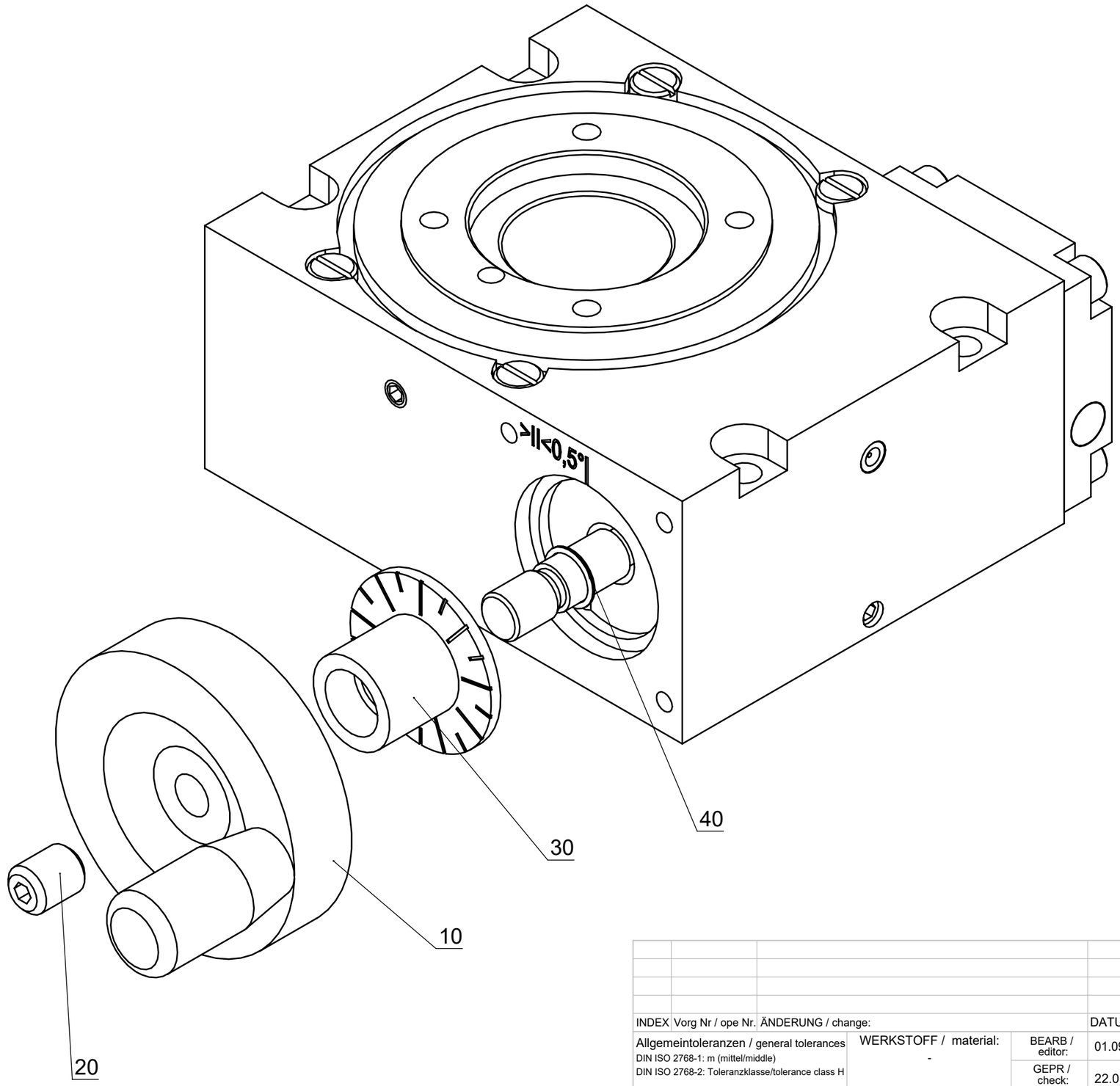

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INDEX	Vorg Nr / ope Nr.	ÄNDERUNG / change:		DATUM/date	NAME
Allgemeintoleranzen / general tolerances DIN ISO 2768-1: m (mittel/middle) DIN ISO 2768-2: Toleranzklasse/tolerance class H		WERKSTOFF / material: -	BEARB / editor:	01.09.2011	Iljazovic
			GEPR / check:	22.01.2025	Iljazovic

IFM WERNER

Bezeichnung / designation:

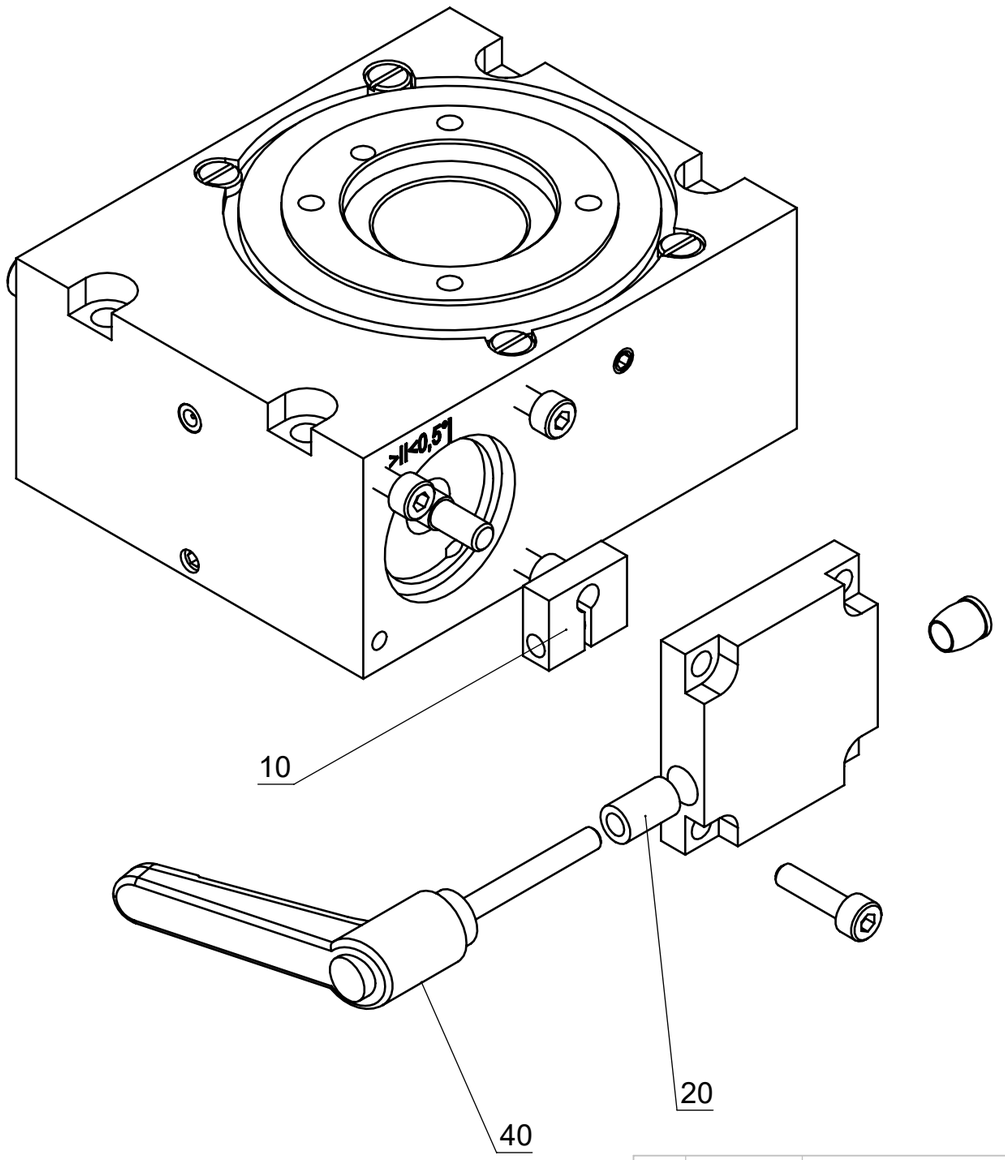
Handrad

handwheel

ARTIKEL-NR / Item-No:	INDEX	FORMAT
1103166	-	3
MAßSTAB / scale: 1,5:1		BLATT / sheet 1 / 1

Bezeichnung 2: Typ: MDV 80/100

Ursprung:



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Allgemeintoleranzen / general tolerances DIN ISO 2768-1: m (mittel/middle) DIN ISO 2768-2: Toleranzklasse/tolerance class H		WERKSTOFF / material: -	BEARB / editor:	13.07.2011	Iljazovic
			GEPR / check:	22.01.2025	Iljazovic

Bezeichnung / designation:

Klemmung

Clamping

ARTIKEL-NR / Item-No:	INDEX	FORMAT
1103176	-	3
MAßSTAB / scale: 1:1		BLATT / sheet 1 / 1

Bezeichnung 2: Typ: MDV 80/100

Ursprung:

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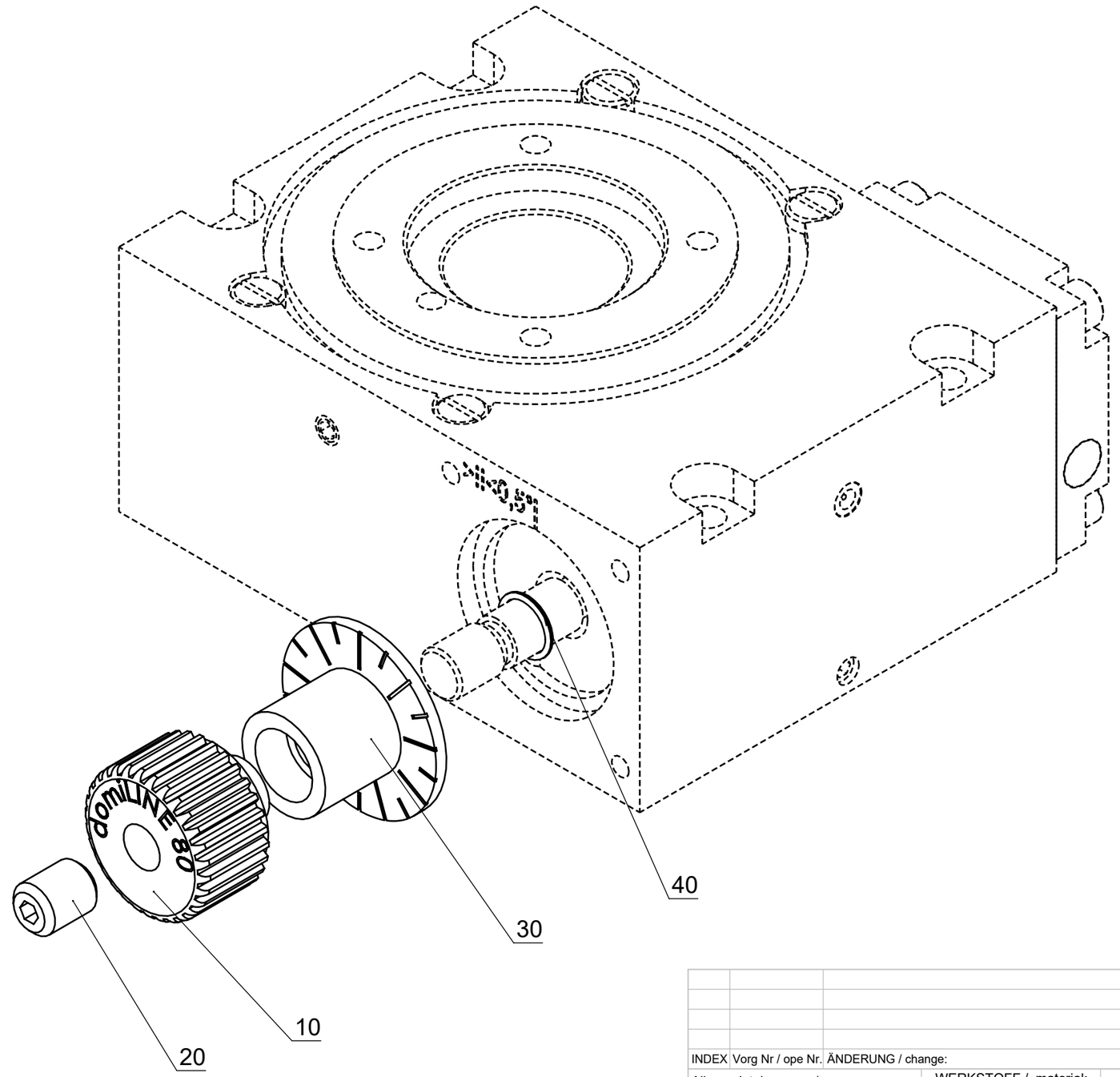

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Allgemeintoleranzen / general tolerances DIN ISO 2768-1: m (mittel/middle) DIN ISO 2768-2: Toleranzklasse/tolerance class H		WERKSTOFF / material: -	BEARB / editor:	01.09.2011	Iljazovic
			GEPR / check:	22.01.2025	Iljazovic

Bezeichnung / designation:

Stellknopf

adjusting knob

ARTIKEL-NR / Item-No:	INDEX	FORMAT
1103165	-	3

MAßSTAB / scale:	BLATT / sheet
1,5:1	1 / 1

Bezeichnung 2: Typ: MDV 80/100

Ursprung:

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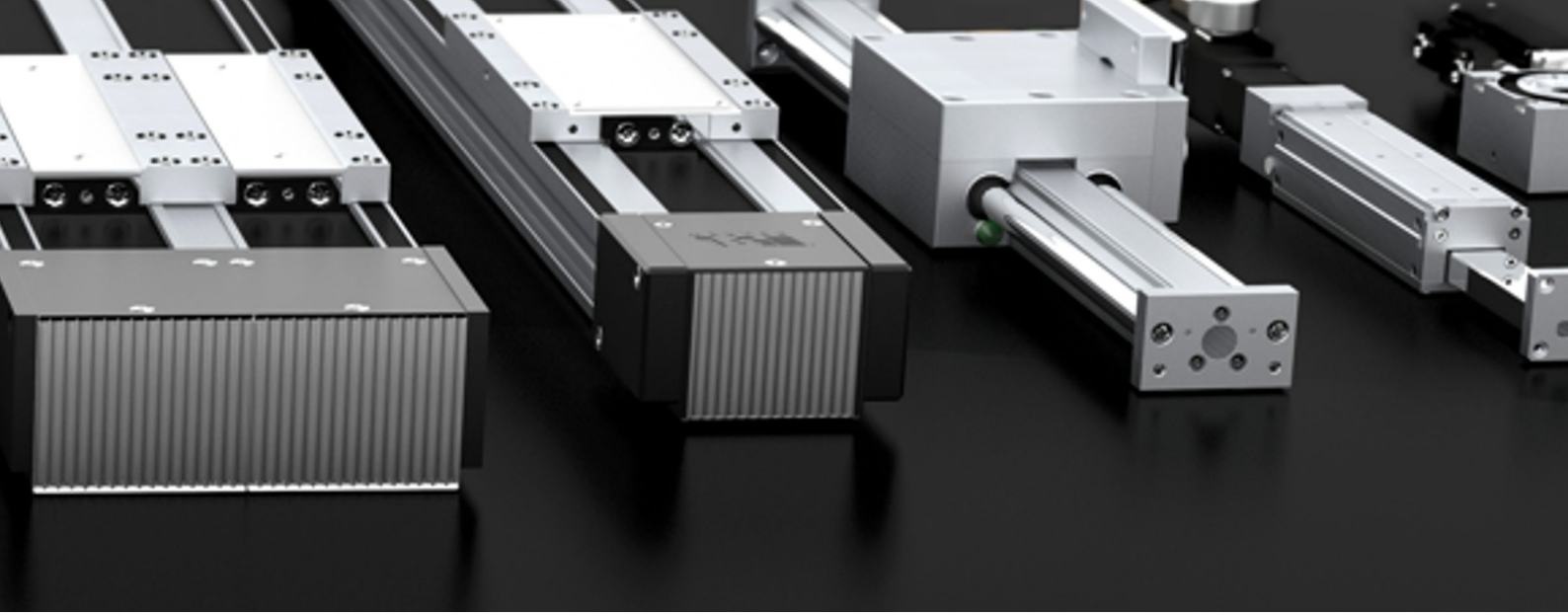

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