

Werkzeugsysteme // Tooling Systems

Sauter Hybrid Revolver VDI40 DIN5480

DMG MORI

CLX 450/550 V1/V3/V4, ecoTurn 450/510 ■ CTX 2500 Scheibenrevolver
CTX beta VDI40 Scheibenrevolver
CTX 450 / 510 ECOLINE ■ CTX 510

EMCO

Maxxturn 95





Bewegung, Schnelligkeit, Präzision – das ist die Welt von EWS. Wir nennen es „Precision meets Motion“, weil wir uns der Bedeutung von Präzision für die Zukunft unserer Kunden und Zielmärkte bewusst sind.

Höchste Qualitätsansprüche und größtes Engagement für die optimale Ausführung unserer Produkte in Form und Funktion stehen dabei im Mittelpunkt. Dafür investieren wir gezielt in modernste Fertigungslinien und entwickeln mit externen Instituten Methoden zur Qualitätssicherung.

Garant für unsere Spitzenleistungen in Entwicklung und Produktion ist dabei das hohe Ausbildungsniveau unserer Mitarbeiter.

Mit Kompetenz und Zuverlässigkeit möchten wir unsere Kunden in der Beratung, im täglichen Austausch und in der Projektabwicklung immer wieder von unseren Leistungen und unserem Service überzeugen.

Motion, speed, precision – this is the world of EWS. We call it “Precision meets Motion”, because we are aware of the importance of precision for the future of our customers and target markets.

Our focus is on highest quality standards and utmost commitment to ensure an optimal design of our products in form and function. For this purpose, we systematically invest in state-of-the-art production lines and develop methods for quality assurance in cooperation with external institutions.

Our top performance in development and production is backed up by the high level of training of our staff members.

Competence and reliability in our advisory services, our daily communication and project management – these are the core elements convincing our customers of our performance and services over and over again.

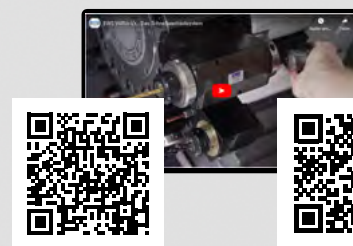
EWS.Varia VX4

Das Wechselsystem für
sicheres und schnelles Rüsten!

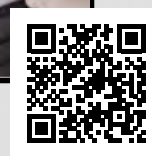
The change system for safe
and quick setup!



[Varia Katalog / Catalogue](#)



[Produktvideo](#)



[Product video](#)

Start Kit 1:

VX4STARTKIT1



- 2x Spannzangeneinsatz ER32L30 (Nr.: 31.VX432L30)
2x Collet insert ER32L30 (No.: 31.VX432L30)
- 1x Spannzangenschlüssel ER32 (Nr.: 232)
1x Collet wrench ER32 (No.: 232)
- 2x Tool-Tags (Nr.: PT.VX4)
2x Tool-Tags (No.: PT.VX4)
- 1x Drehmomentschlüssel (Nr.: DSV SW5/05.7NM)
1x Torque wrench (No.: DSV SW5/05.7NM)
- 1x Montageblock (Nr.: MB-VX4)
1x Mounting block (No.: MB-VX4)

Start Kit 2 „professionell“ :

VX4STARTKIT2

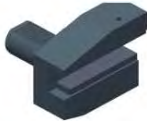


- 1x T-Carrier TC-100 (Nr.: TP-100 VX4-20)
1x T-Carrier TC-100 (No.: TP-100 VX4-20)
- 4x Spannzangeneinsatz ER32L30 (Nr.: 31.VX432L30)
4x Collet insert ER32L30 (No.: 31.VX432L30)
- 1x Spannzangenschlüssel ER32 (Nr.: 232)
1x Collet wrench ER32 (No.: 232)
- 1x Spannzangeneinsatz IM ER25L16 (Nr.: 31.VX425IML16)
1x Collet insert IM ER25L16 (No.: 31.VX425IML16)
- 1x Spannzangenschlüssel für IM ER25 (Nr.: 225AX)
1x Collet wrench for internal nut ER25 (No.: 225AX)
- 1x Adapter für Kombihalter Ø40 (Nr.: 19.40VX4-ZYL)
1x Adapter for combi holder Ø40 (No.: 19.40VX4-ZYL)
- 5x Tool-Tags (Nr.: PT.VX4)
5x Tool-Tags (No.: PT.VX4)
- 1x Drehmomentschlüssel (Nr.: DSV SW5/05.7NM)
1x Torque wrench (No.: DSV SW5/05.7NM)
- 1x Montageblock (Nr.: MB-VX4)
1x Mounting block (No.: MB-VX4)

SAMMELMAPPE ÜBERSICHT [1/1]

Außendrehen / External Turning	0
 turning tool, right hand MNR: 135112 5.4025/20 Square 25/20	1
 turning tool, right hand MNR: 186755 5.4025IK Square 25	Internal coolant supply 5
 turning tool, right hand, overhead MNR: 135343 6.4025/20 Square 25/20	6
 turning tool, right hand, overhead MNR: 176761 6.4025IK Square 25	Internal coolant supply 7
 OD holder, right hand ext. MNR: 135367 11.4025/20 Square 25/20	8
 OD holder, right hand ext. MNR: 189198 11.4025IK Square 25	Internal coolant supply 9

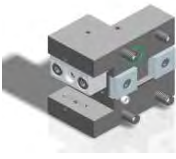
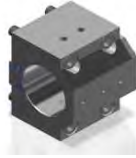
SAMMELMAPPE ÜBERSICHT [2/1]

	OD holder, right hand overhead MNR: 135391 12.4025/20 Square 25/20		10
	OD holder, right hand overhead MNR: 179106 12.4025IK Square 25	Internal coolant supply	11
	turning holder, right hand MNR: 172195 1.BMT25CTX510 Square 25	single side useable	12
	Face Turning / Plandrehen		0
	turning holder, right hand MNR: 135411 1.4025/20 Square 25/20		14
	turning holder, right hand MNR: 182462 1.4025IK Square 25	Internal coolant supply	16
	turning holder, right hand, overhead MNR: 135429 2.4025/20 Square 25/20		18

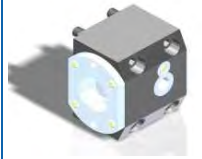
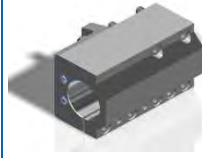
SAMMELMAPPE ÜBERSICHT [3/1

turning holder, right hand, overhead MNR: 197729 2.4025IK Square 25	Internal coolant supply	20
Abstechen / Cutoff tool		0
 Infeed / Cut-off tool holder MNR: 138608 32.4032 Size 32	right	22
 Infeed / Cut-off tool holder MNR: S01624 32.4032IK Size 32	Internal coolant supply right	23
 Infeed / Cut-off tool holder MNR: 138687 32.4032ÜK Size 32	Right hand overhead	24
 Infeed / Cut-off tool holder MNR: S04293 32.4032ÜKIK Size 32	Internal coolant supply Right hand overhead	25
Außendreihen/External Turning Capto C		0

SAMMELMAPPE ÜBERSICHT [4/1]

turning tool, right hand MNR: 125170 5.40C5X53Z60 CAPTO C5	
BMT/BOT Pheripherie holder	
 turning holder, right hand MNR: 172195 1.BMT25CTX510 Square 25	single side useable
 turning holder, right hand MNR: 203020 1.BMT25CTX510IK Square 25	Internal coolant supply single side useable
 turning tool, left hand MNR: 165713 8.BMT25CTX510 Square 25	single side useable
 Boring bar holder MNR: 137414 19.BMT40CtX510 hole-Ø 40 mm	single side useable
 Boring bar holder MNR: 137480 19.BMT50CTX510 hole -Ø 50 mm	single side useable

SAMMELMAPPE ÜBERSICHT [5/1

	Boring bar holder MNR: 176575 19.BMTC5CTX510 CAPTO C5	single side useable	44
	Boringbar holder MNR: 213943 20.BMT50CTX510Z80B1=150 hole -Ø 50 mm	single side useable	45
Innendrehen / Internal Turning Capto C			0
	Boring bar holder MNR: S03040 19.40C5L75R CAPTO C5	right hand	46
	Boring bar holder MNR: 212990 19.40C5L75RÜK CAPTO C5	Right hand overhead	52
Innendrehen / Internal Turning			0
	Boring bar holder MNR: 137396 19.4006 hole -Ø 6 mm		58

SAMMELMAPPE ÜBERSICHT [6/1]

	Boring bar holder MNR: 135660 19.4008 hole -Ø 8 mm	68
	Boring bar holder MNR: 135661 19.4010 hole -Ø 10 mm	69
	Boring bar holder MNR: 135663 19.4012 hole -Ø 12 mm	70
	Boring bar holder MNR: 135664 19.4016 hole -Ø 16 mm	71
	Boring bar holder MNR: 135665 19.4020 hole -Ø20 mm	72
	Boring bar holder MNR: 135667 19.4025 hole -Ø 25 mm	73
	Boring bar holder MNR: 135668 19.4032 hole -Ø 32 mm	74

SAMMELMAPPE ÜBERSICHT [7/1



Boring bar holder

MNR: 135669
19.4040
hole-Ø 40 mm

75



U-drill holder

MNR: 135830
27.4016
hole -Ø 16 mm

76



U-drill holder

MNR: 135831
27.4020
hole -Ø20 mm

77



U-drill holder

MNR: 135832
27.4025
hole -Ø 25 mm

78



U-drill holder

MNR: 135833
27.4032
hole -Ø 32 mm

79



U-drill holder

MNR: 135834
27.4040
hole-Ø 40 mm

80

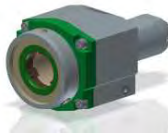


Collet chuck holder

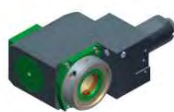
MNR: 135942
31.4032
For collets 320 470E

81

SAMMELMAPPE ÜBERSICHT [8/1

	Boring bar holder MNR: 164384 19.40VX4 VXVX4	84
VARIA Starterkits		0
MNR: 216493 VX4STARTKIT2		85
MNR: 216492 VX4STARTKIT1		86
AGW VARIA VX4 / Driven Tools VARIA		0
	Axial drilling and milling head MNR: 194843 40.40VX4CTXIKC EWS - Varia X4 - Adaptor	i = 1:1 (input equal output) 6.000 1/min 63 Nm Butterflyseal IC/EC Ceramic pmax = 70bar 87
	Axial drilling and milling head MNR: 158496 40.40VX4CTX EWS - Varia X4 - Adaptor	i = 1:1 (input equal output) 6.000 1/min 50 Nm External coolant supply 88

SAMMELMAPPE ÜBERSICHT [9/1

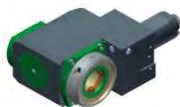


Radial drill. and mill. head offset

MNR: 160467
80.40VX4CTXRIKD
EWS - Varia X4 - Adaptor

i = 1:1 (input equal output)
6.000 1/min
50 Nm
IC/EC Ceramic pmax = 70bar

89



Radial drill. and mill. head offset

MNR: 158497
80.40VX4CTXR
EWS - Varia X4 - Adaptor

i = 1:1 (input equal output)
6.000 1/min
50 Nm
External coolant supply

90

AGW / driven tools ER32

0



Axial drilling and milling head

MNR: 208517
40.4032CTXIKC
For collet 320 470E (ER32 Ø3-20)

i = 1:1 (input equal output)
6.000 1/min
50 Nm
IC/EC Ceramic pmax = 70bar

91



Axial drilling and milling head

MNR: 100574
40.4032CTX
For collet 320 470E (ER32 Ø3-20)

i = 1:1 (input equal output)
6.000 1/min
50 Nm
External coolant supply

92



Radial drill. and mill. head offset

MNR: 113244
80.4032CTXRIKD
For collet 320 470E (ER32 Ø3-20)

i = 1:1 (input equal output)
6.000 1/min
50 Nm
IC/EC Ceramic pmax = 70bar

93



Radial drill. and mill. head offset

MNR: 113243
80.4032CTXR
For collet 320 470E (ER32 Ø3-20)

i = 1:1 (input equal output)
6.000 1/min
50 Nm
External coolant supply

94

SAMMELMAPPE ÜBERSICHT [10/

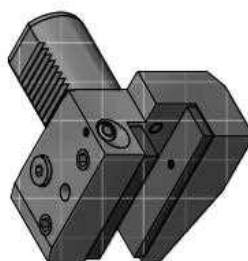
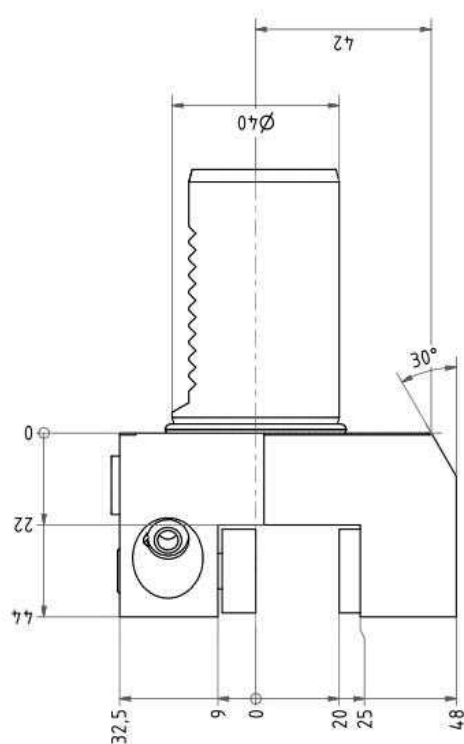
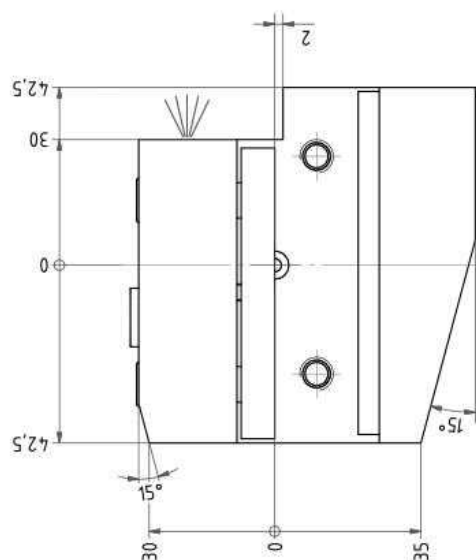
Schwenkkopf / Swivel Head		0
 Swivel head MNR: 144013 63.4025CTXIKD For collet 250 430E (ER25 Ø2-16)	i =1:1 direction of rotation inver. 10.000 1/min 20 Nm IC/EC Ceramic pmax = 70bar	95
 Swivel head MNR: 109831 63.4025CTX For collet 250 430E (ER25 Ø2-16)	i =1:1 direction of rotation inver. 6.000 1/min 16 Nm External coolant supply	96
Spannzangensätze		0
 Collet MNR: 108809 BG-320 470E SATZ-Ø3-20 DIN 6499		100
Collet MNR: 140883 BG-322 470E NC SATZ-Ø3-20	Sealed	101
Collet MNR: WS00023 BG-322 470E NC-ECDS-Ø3-20	Sealed	102

SAMMELMAPPE ÜBERSICHT [11/

Spannschlüsselsätze für Fräsköpfe ohn	0
Wrench set MNR: 220424 ER32	110
Wrench set MNR: 220353 ER25	111

turning tool, right hand

Pos.: 1
MNR: 135112
KTX: 5.4025/20



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Zwischenhandlungen verpflichten zu Schadenersatz.

Technische Daten - Technical data	Technische Änderungen vorbehalten Subject to technical modifications!	
Gewicht = 2.274 kg/l	EWS EWS Energy Systems AG (a. S.) Industriestraße 1 42699 Solingen Telefon +49 212 2400-0 Telefax +49 212 2400-200 E-Mail info@ews.de www.ews.de	IDENT: DE43024093 REZ: -/A 7550
Serienhaftung - Wp Vierkant Queraufnahme rechts turning tool, right hand	Nr. - 26 5.4025/20	135112 

turning tool, right hand

Pos.: 5
MNR: 186755
KTXT: 5.4025IK

Technical drawing of the turning tool. The front view shows a tool with a 30° cutting angle, a 15° flank angle, and a 15° rake angle. Dimensions include a total length of 42, a cutting edge length of 30, and a width of 35. The side view shows a tool with a 30° cutting angle, a 15° flank angle, and a 15° rake angle. Dimensions include a total length of 42, a cutting edge length of 30, and a width of 35.

3D isometric view of the turning tool, showing its complex geometry and cutting angles.

IK Kühlmittelübergabe (verschießbar)
IC coolant supply (lockable)

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Technische Änderungen vorbehalten
Subject to technical modifications

QR

186755

5.4025IK

REVISIONS

REV. - / A

DEUT. DEUTSCH

EWSTool Technologies GmbH & Co. KG
D-73763 Lengen
www.ews-tools.de

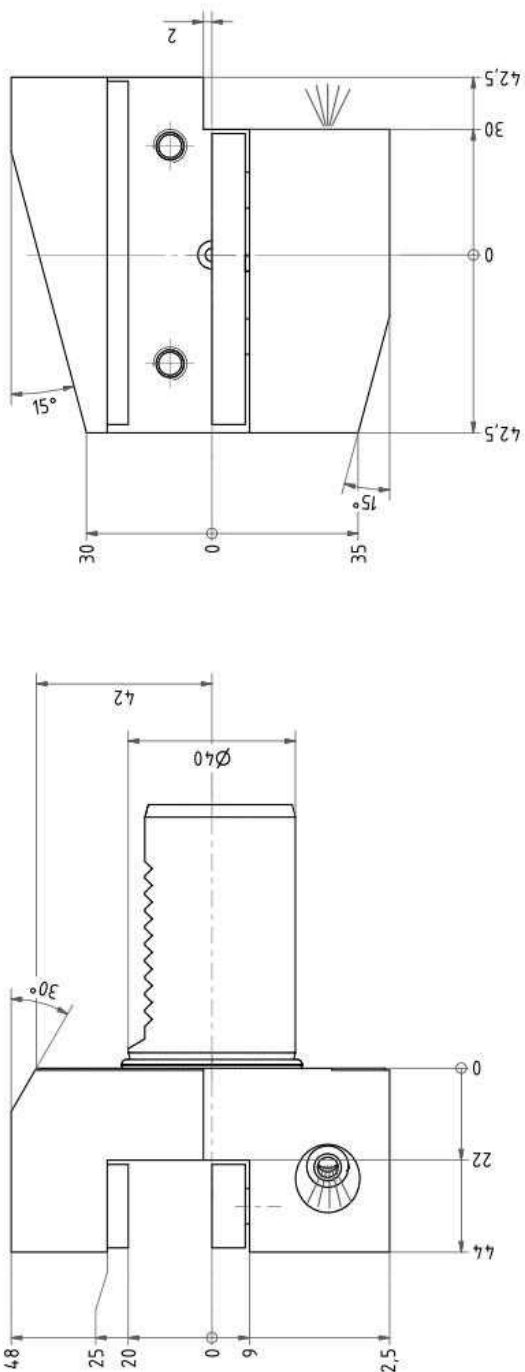
Benennung - Title
Vierkant Queraufnahme rechts
turning tool, right hand

Technische Daten - Technical Data
Weight
= 2204 (kg)

Benennung - Title

turning tool, right hand, overhead

Pos.: 6
MNR: 135343
KTXT: 6.4025/20



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 EWS EWS Tool Technologies www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications	REV: -/- 135343	QR
	IDENT: D-EWS-020283	135343	
Bezeichnung: VK VK Queraufnahme rechts, überkopf turning tool, right hand, overhead		6.4025/20	
Technische Daten - Technical data Weight = 2.385 [kg]			
Bezeichnung: VK			

turning tool, right hand, overhead

Pos.: 7
MNR: 176761
KTXT: 6.4025IK

Technical drawing of the turning tool. The top view shows a rectangular tool with dimensions 42.5 x 42.5. The side view shows a tool with a 15° angle and dimensions 30, 0, 35, 15, 30, 0, 35. The tool is labeled 'IK Kühlmittelübergabe (verschleißbar)' and 'IC coolant supply (lockable)'.

3D isometric view of the turning tool, showing its rectangular shape and the coolant supply port.

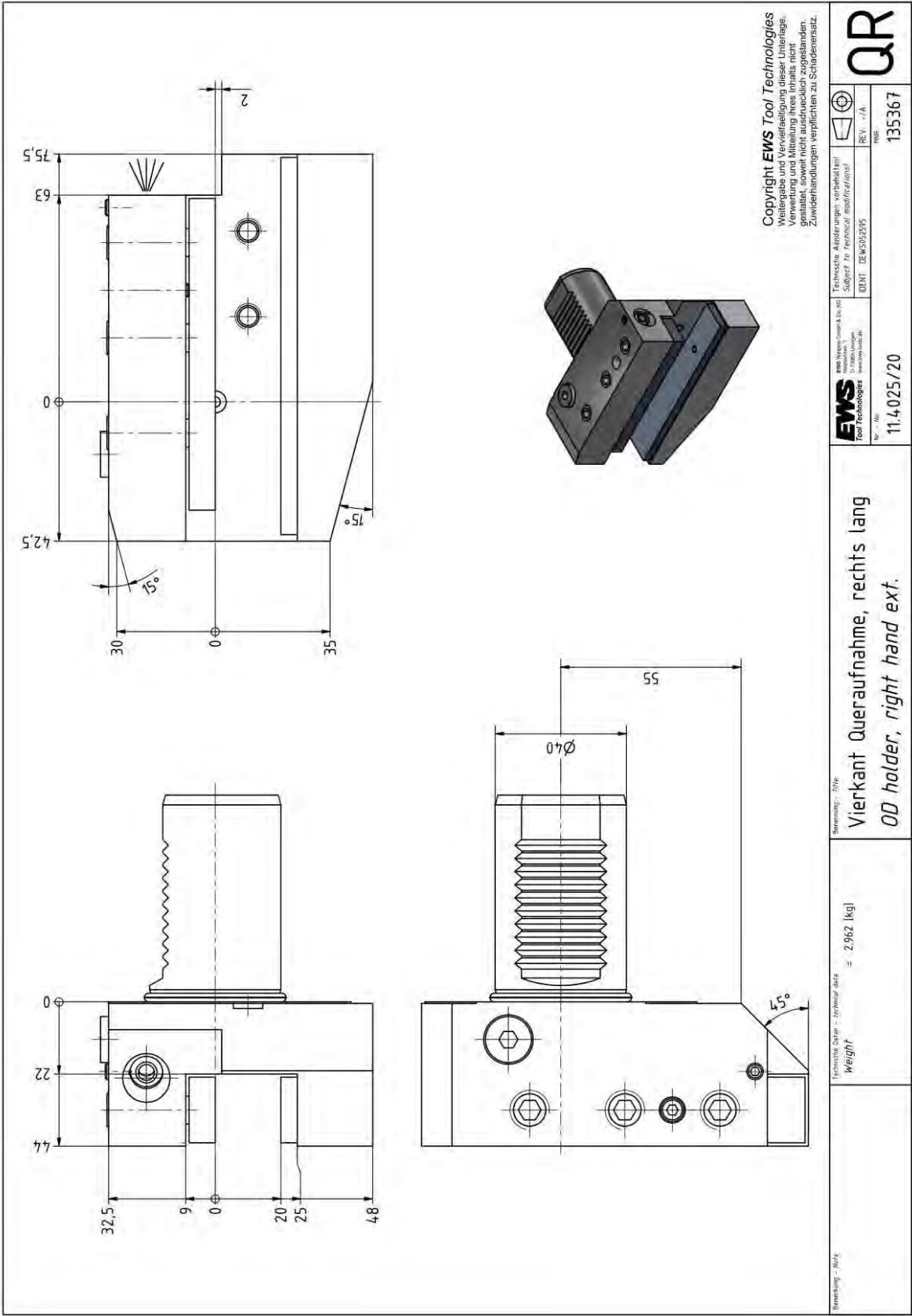
3D isometric view of the turning tool with a cutting tool, showing the tool's position and the cutting process.

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	EWS Tool Technologies www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications!	REV. - / A	176761	QR
No. - 6.4025IK					
VK Queraufnahme rechts, überkopf turning tool, right hand, overhead					
Technische Daten - Technical Data Weight = 2.316 [kg]					
Bemerkung - Note					

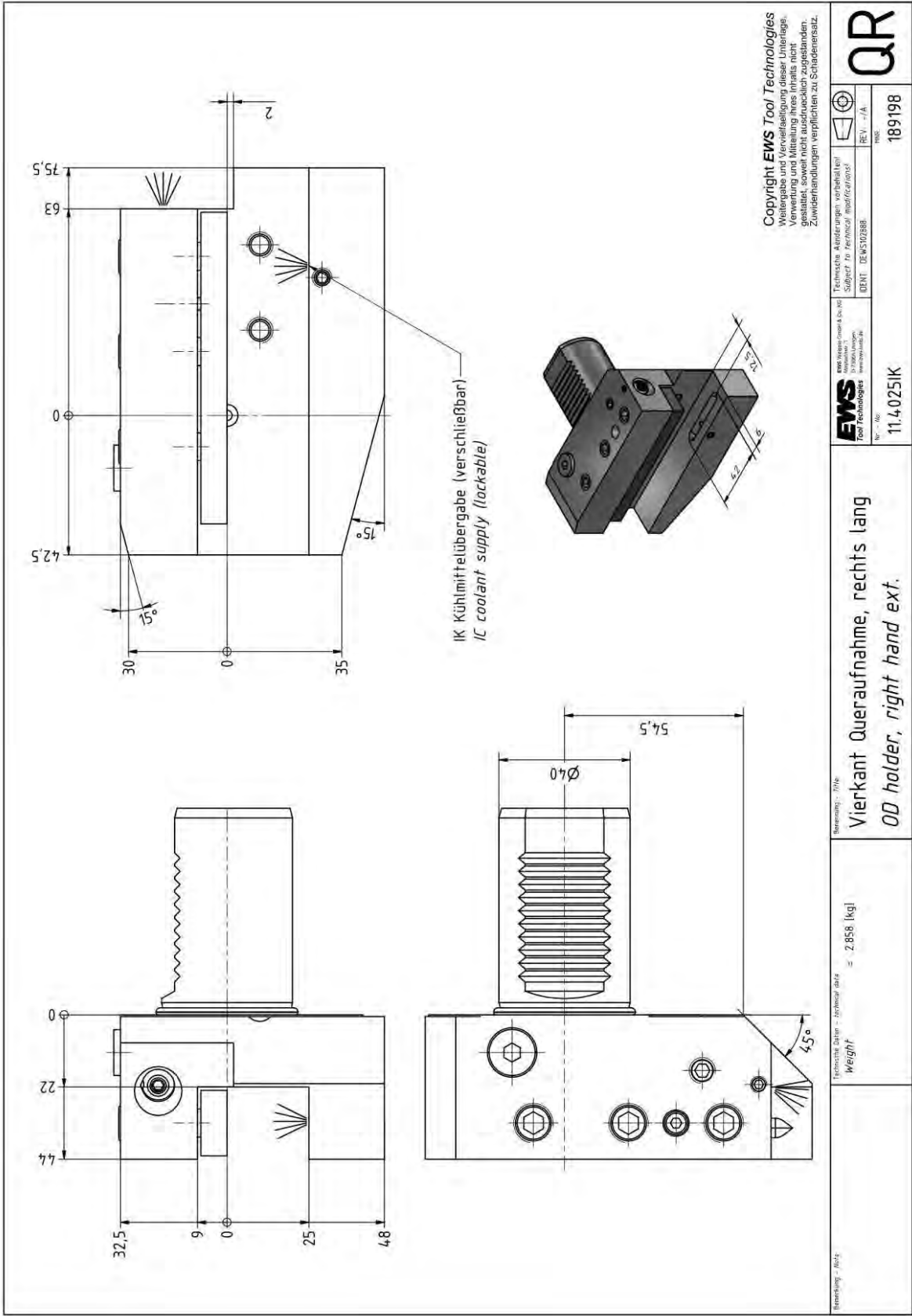
OD holder, right hand ext.

Pos.: 8
MNR: 135367
KTX: 11.4025/20



OD holder, right hand ext.

Pos.: 9
MNR: 189198
KTX: 11.4025IK

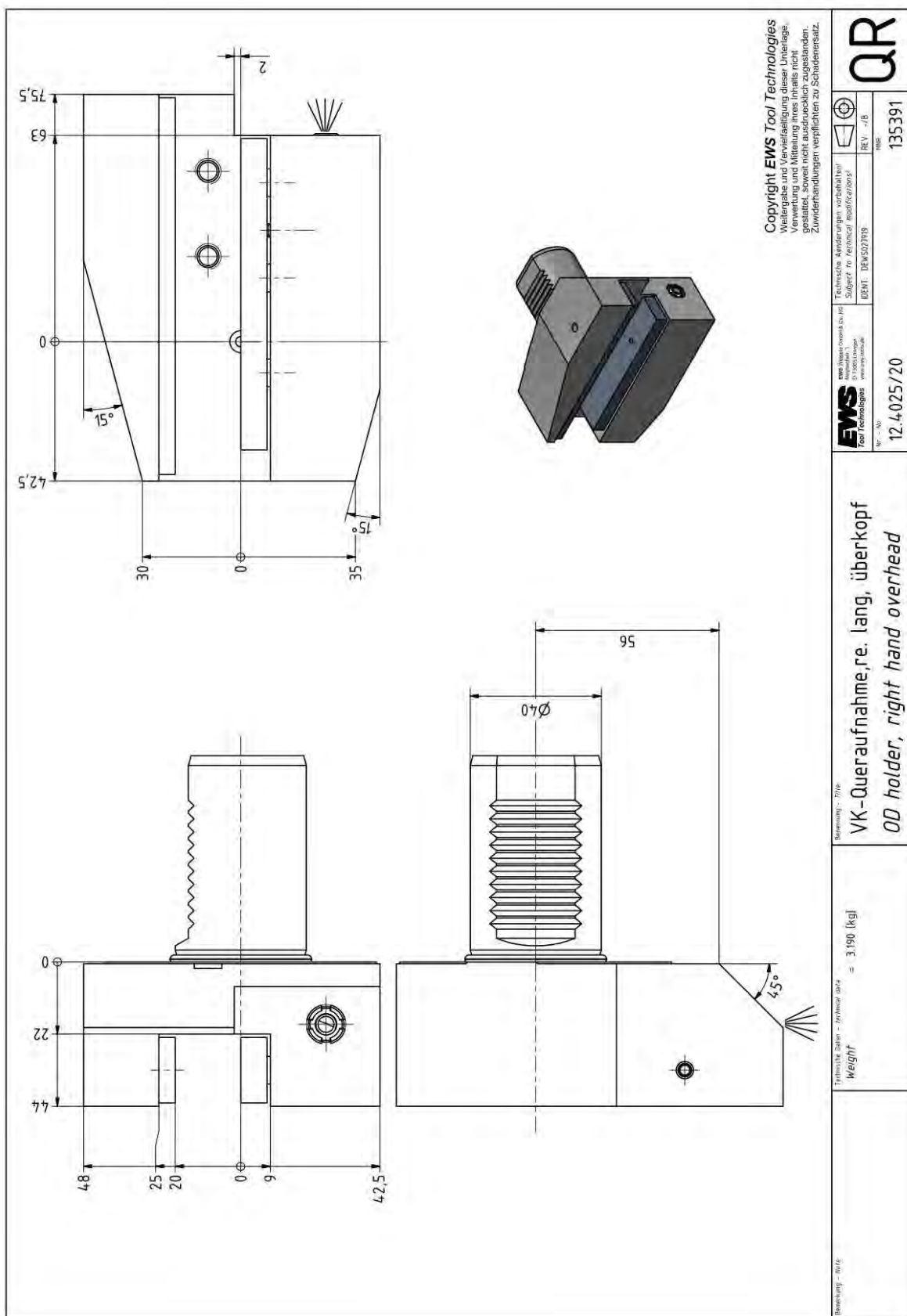


OD holder, right hand overhead

Pos.: 10

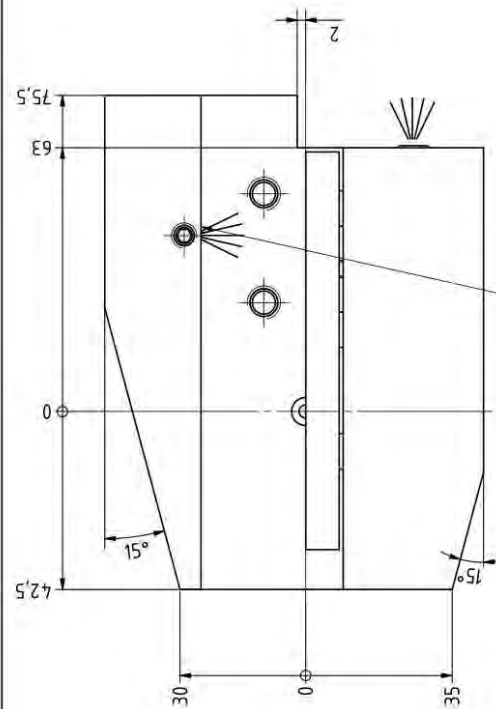
MNR: 135391

KTXT: 12.4025/20

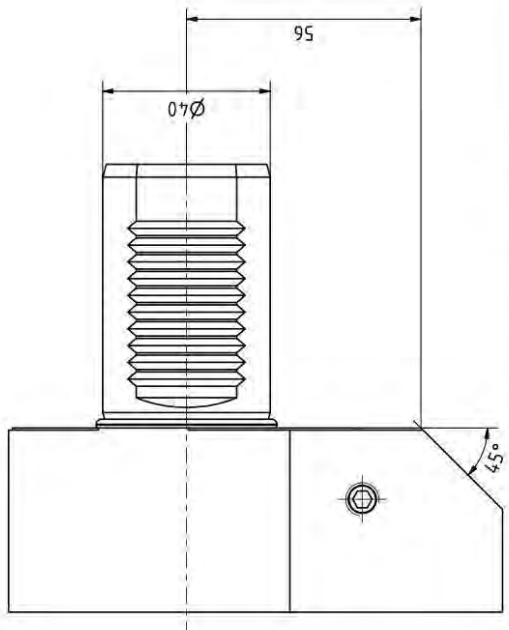
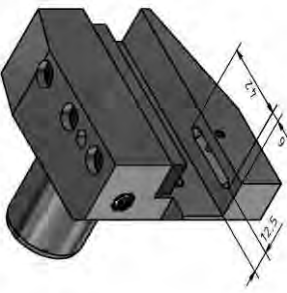


OD holder, right hand overhead

Pos.: 11
MNR: 179106
KTXT: 12.4025IK



IK Kühlmittelübergabe (verschießbar)
IC coolant supply (lockable)



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Bemerkung - Note	Technische Daten - Technical Data Weight = 1,196 [kg]	Bezeichnung - Title VK-Queraufnahme, re. lang, überkopf OD holder, right hand overhead	EWS EWS Stepan GmbH & Co. KG D-73060 Lengen www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications BENT DE MS 03845	REVISION 179106	QR

turning holder, right hand

Pos.: 12
MNR: 172195
KTXT: 1.BMT25CTX510

Technical drawing of the turning holder, right hand, showing front and side views with dimensions. The front view shows a rectangular block with a central slot and four circular features. The side view shows the profile of the block with dimensions. The dimensions are: 45, 35.5, 25, 0, 25, 35.5, 45, 09, 35, 21.5, 9, 0, 21.5, 4.1.

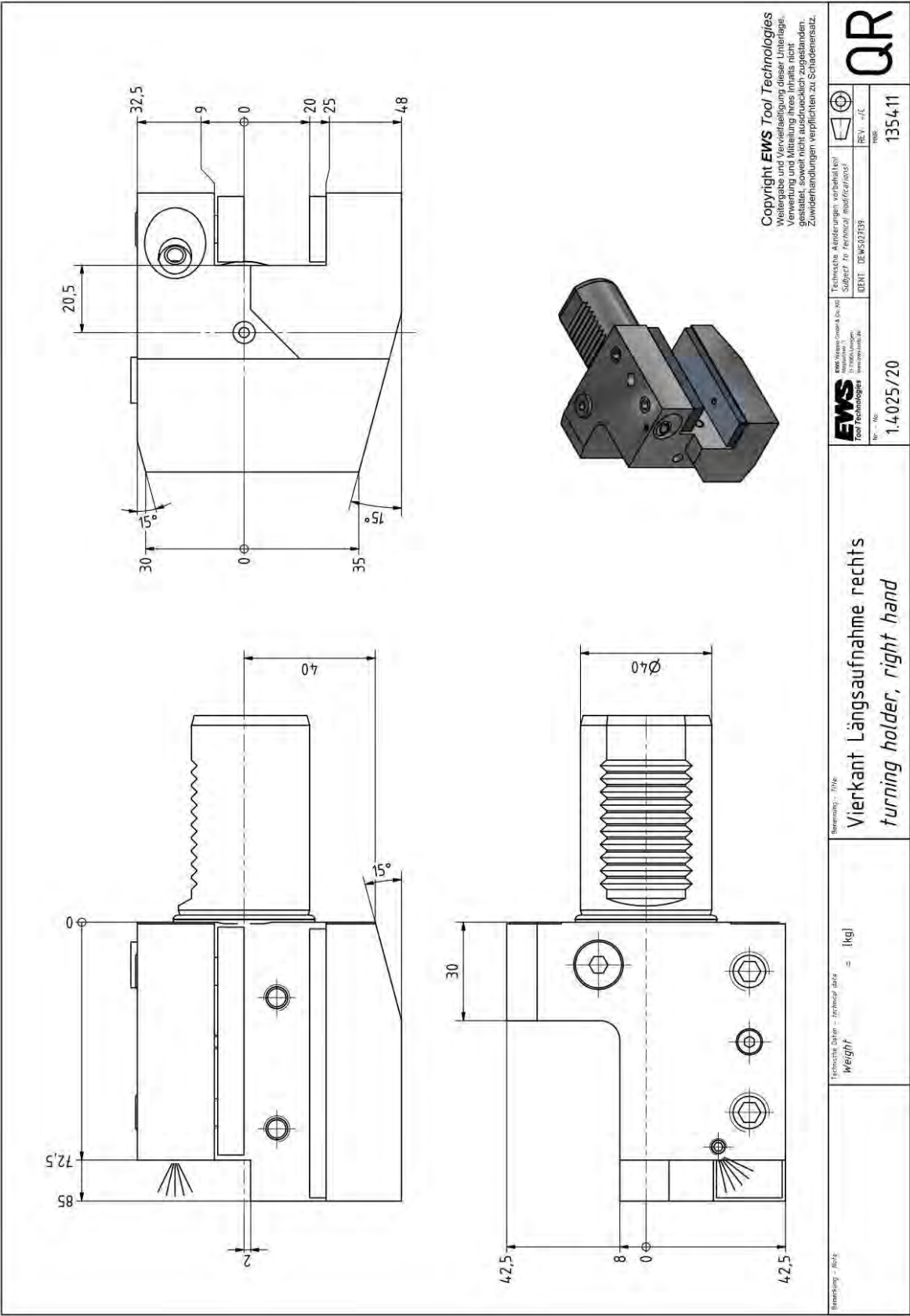
3D isometric view of the turning holder, right hand, showing the block and its internal features.

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Technische Änderungen vorbehalten Subject to technical modifications	REV: - / A	172195
DEUT: DEW502131		
EWS EWS Group GmbH & Co. KG EWS Technologies D-72690 Schwanau www.ews-tools.de		
No. - 300 1.BMT25CTX510		
Vierkant Längsaufnahme rechts turning holder, right hand		
Technische Daten - Technical data Weight	= 2.639 [kg]	
Bewertung - Note		

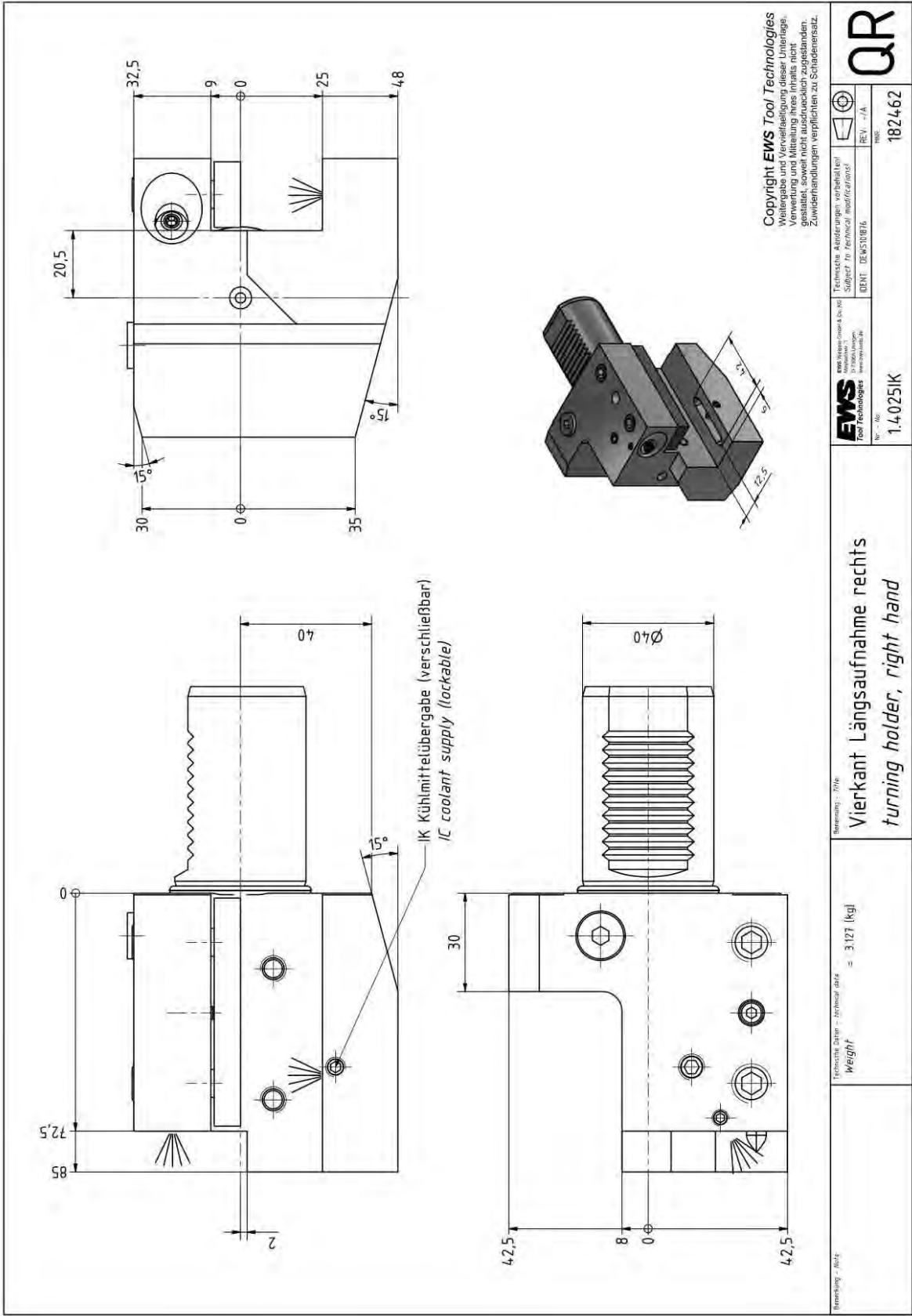
turning holder, right hand

Pos.: 14
MNR: 135411
KTXT: 1.4025/20



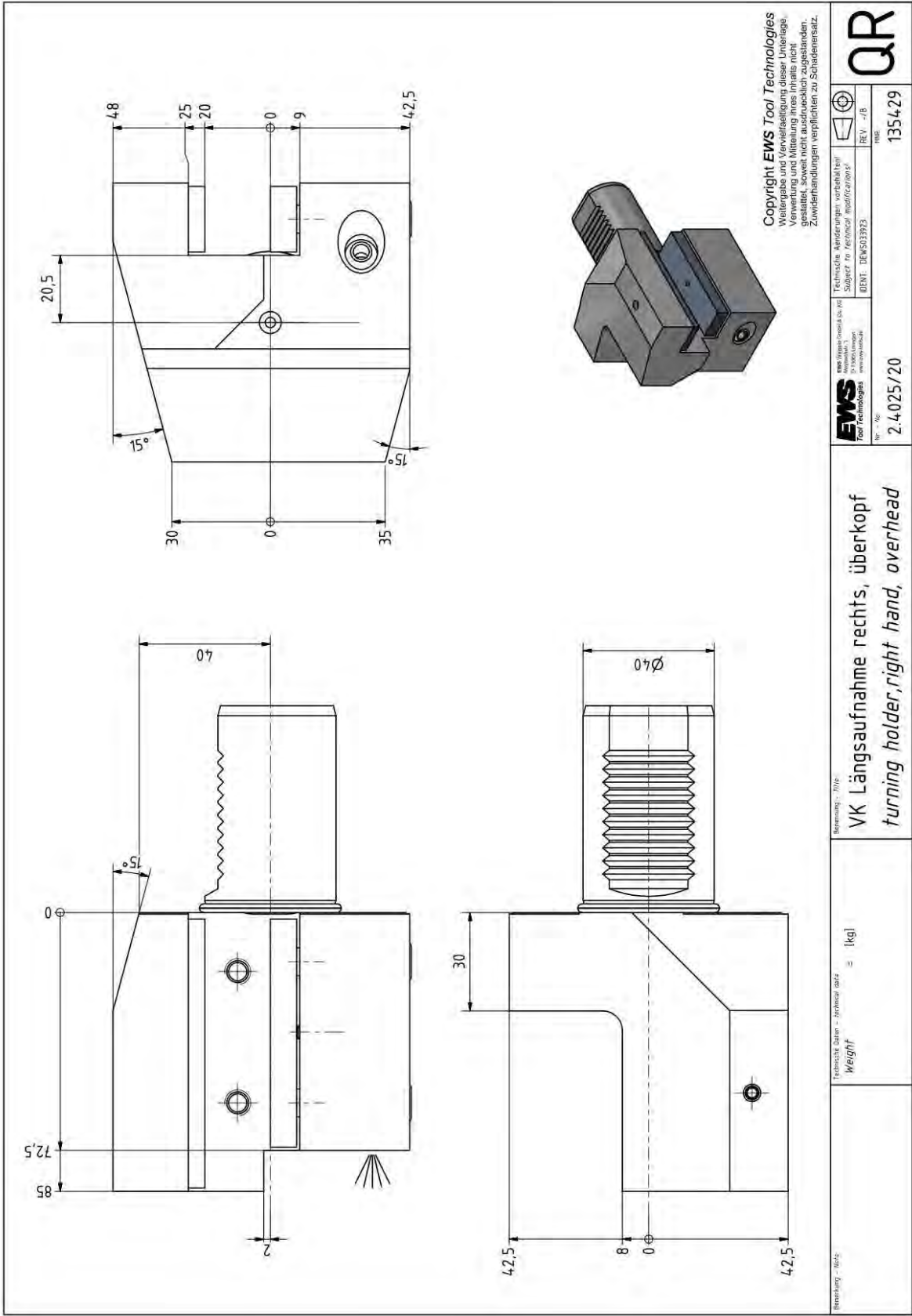
turning holder, right hand

Pos.: 16
MNR: 182462
KTXT: 1.4025IK



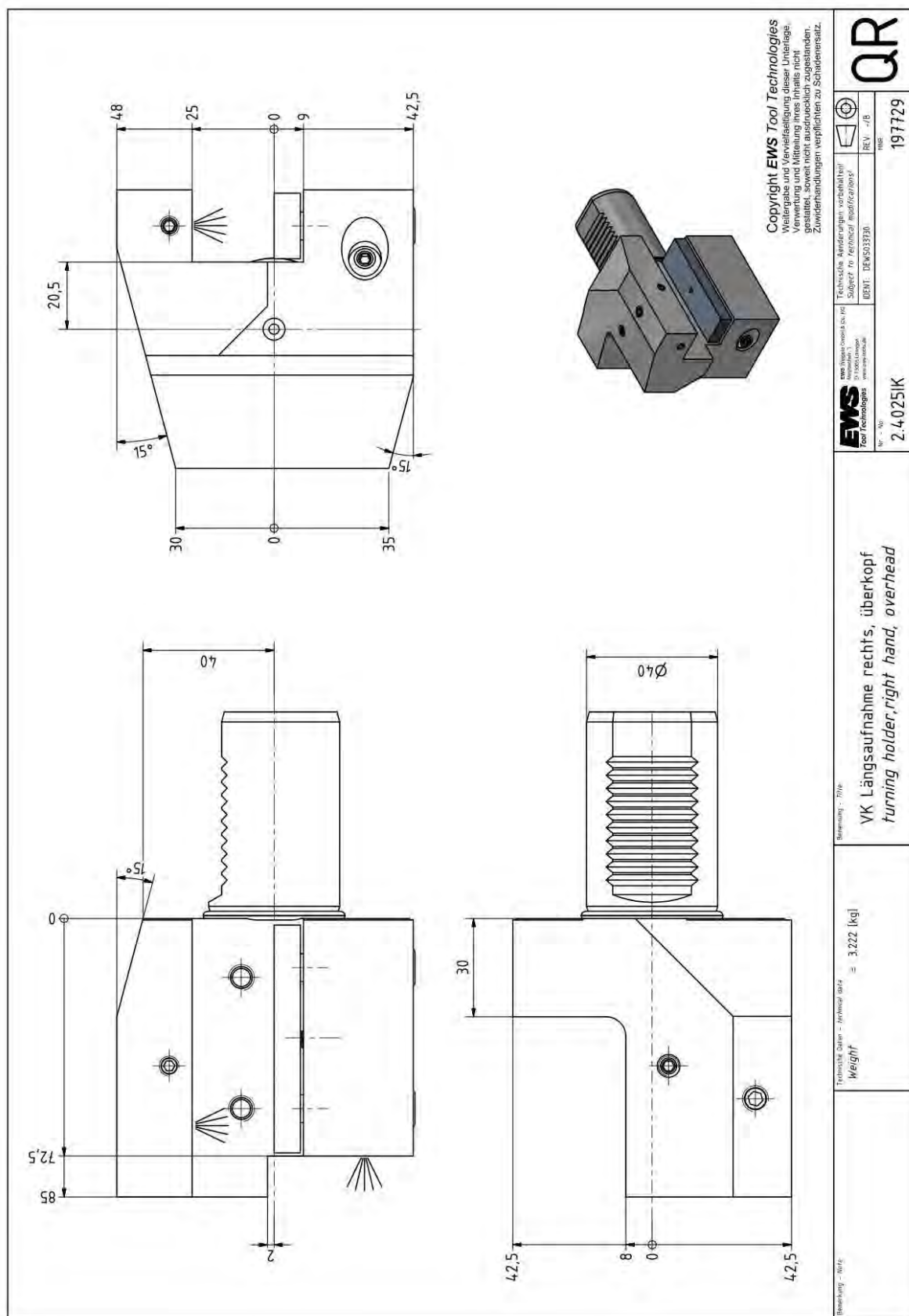
turning holder,right hand, overhead

Pos.: 18
MNR: 135429
KTXT: 2.4025/20



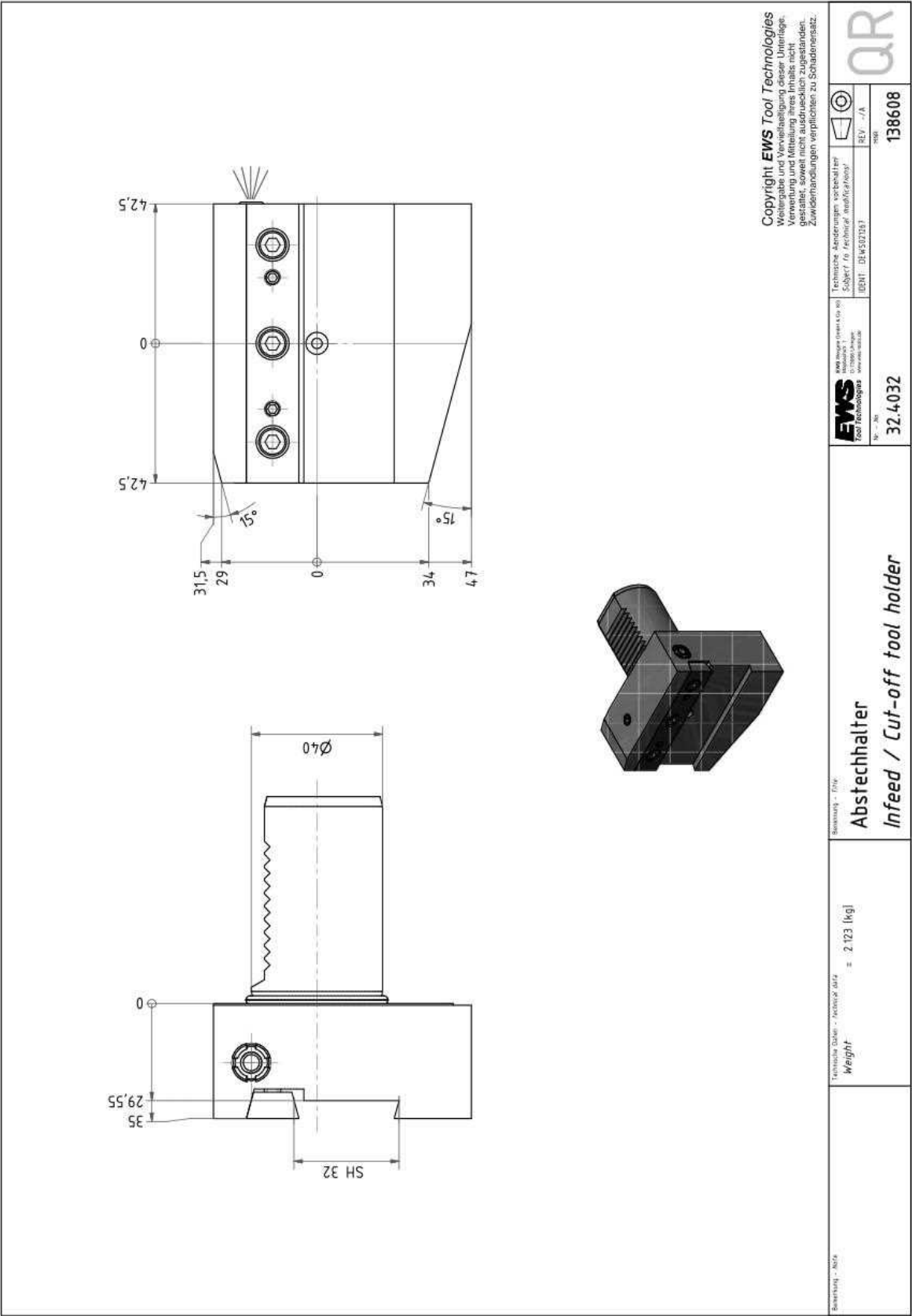
turning holder, right hand, overhead

Pos.: 20
MNR: 197729
KTX: 2.4025IK



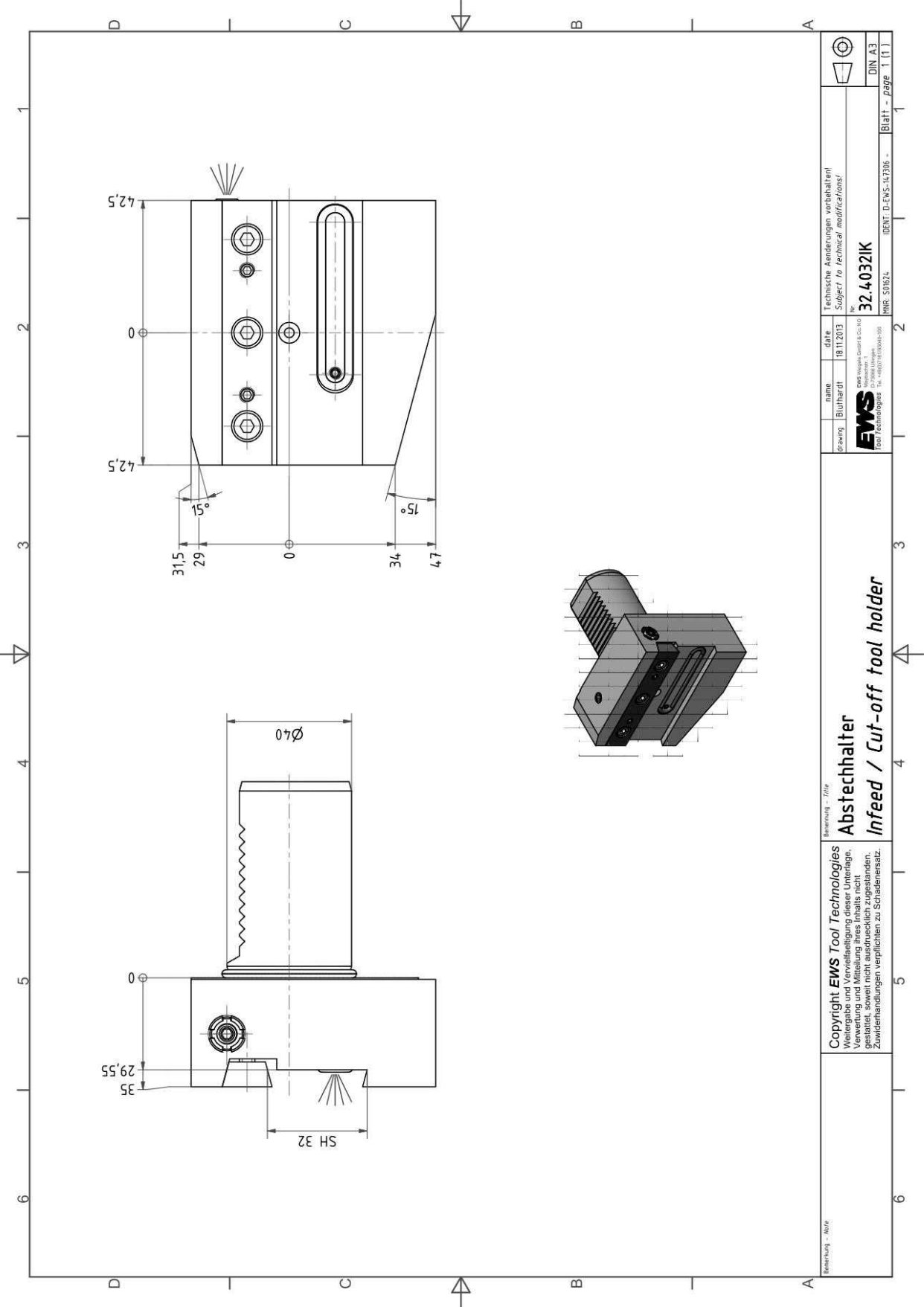
Infeed / Cut-off tool holder

Pos.: 22
MNR: 138608
KTXT: 32.4032



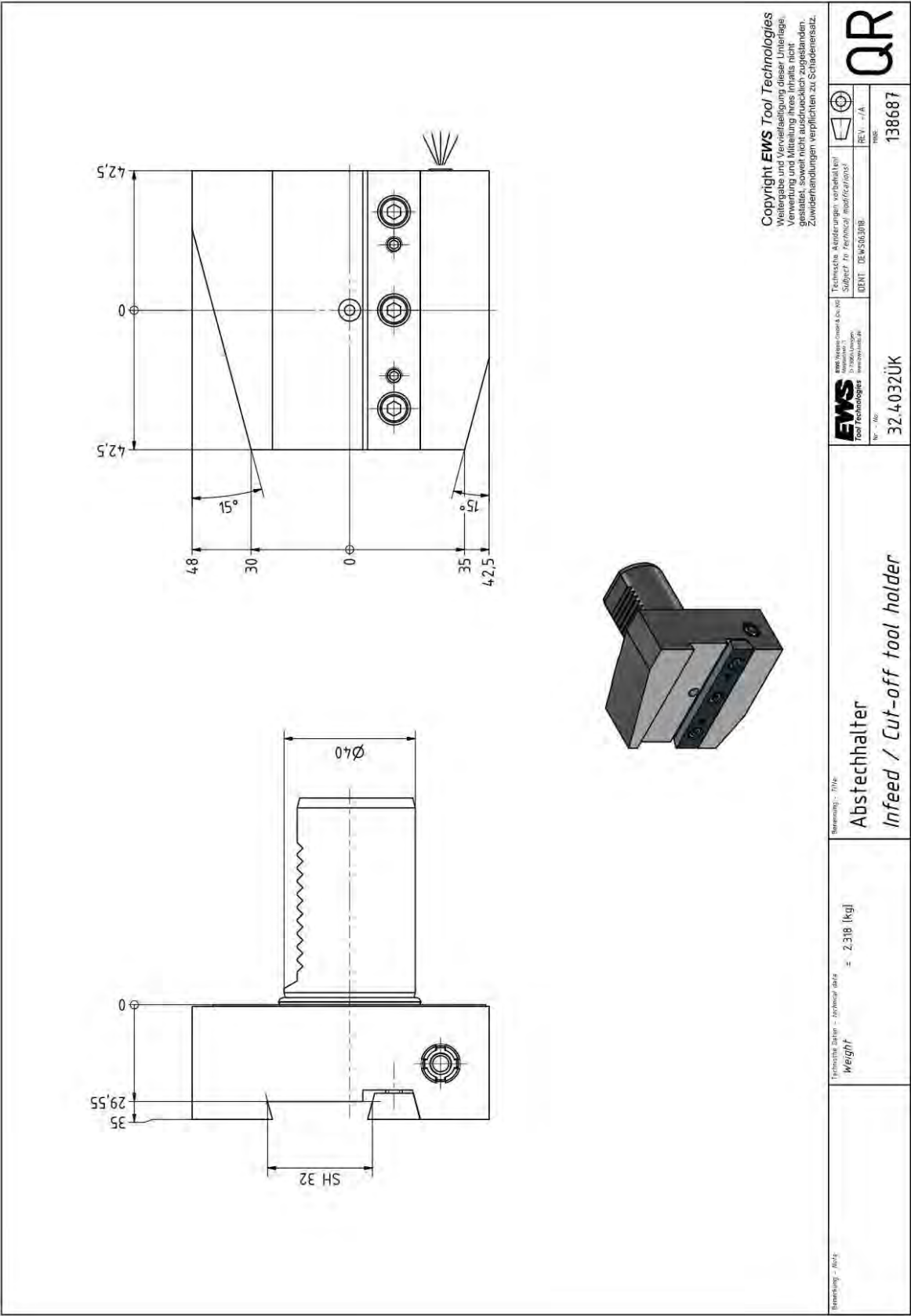
Infeed / Cut-off tool holder

Pos.: 23
MNR: S01624
KTX: 32.4032IK



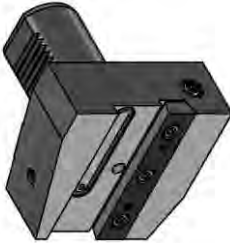
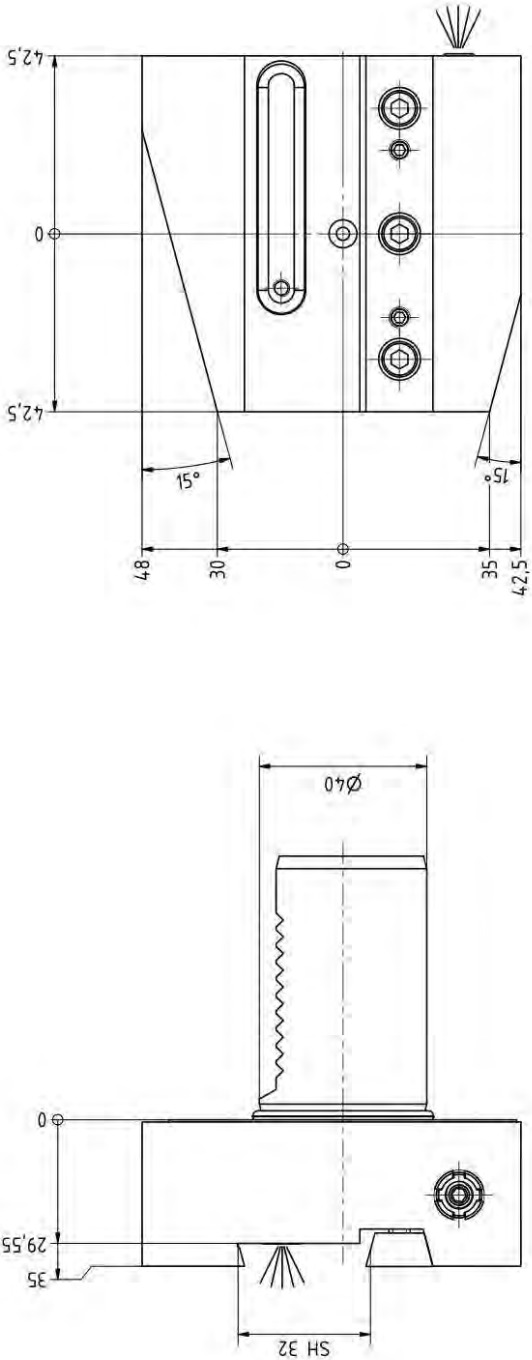
Infeed / Cut-off tool holder

Pos.: 24
MNR: 138687
KTX: 32.4032ÜK



Infeed / Cut-off tool holder

Pos.: 25
MNR: S04293
KTX: 32.4032ÜKIK

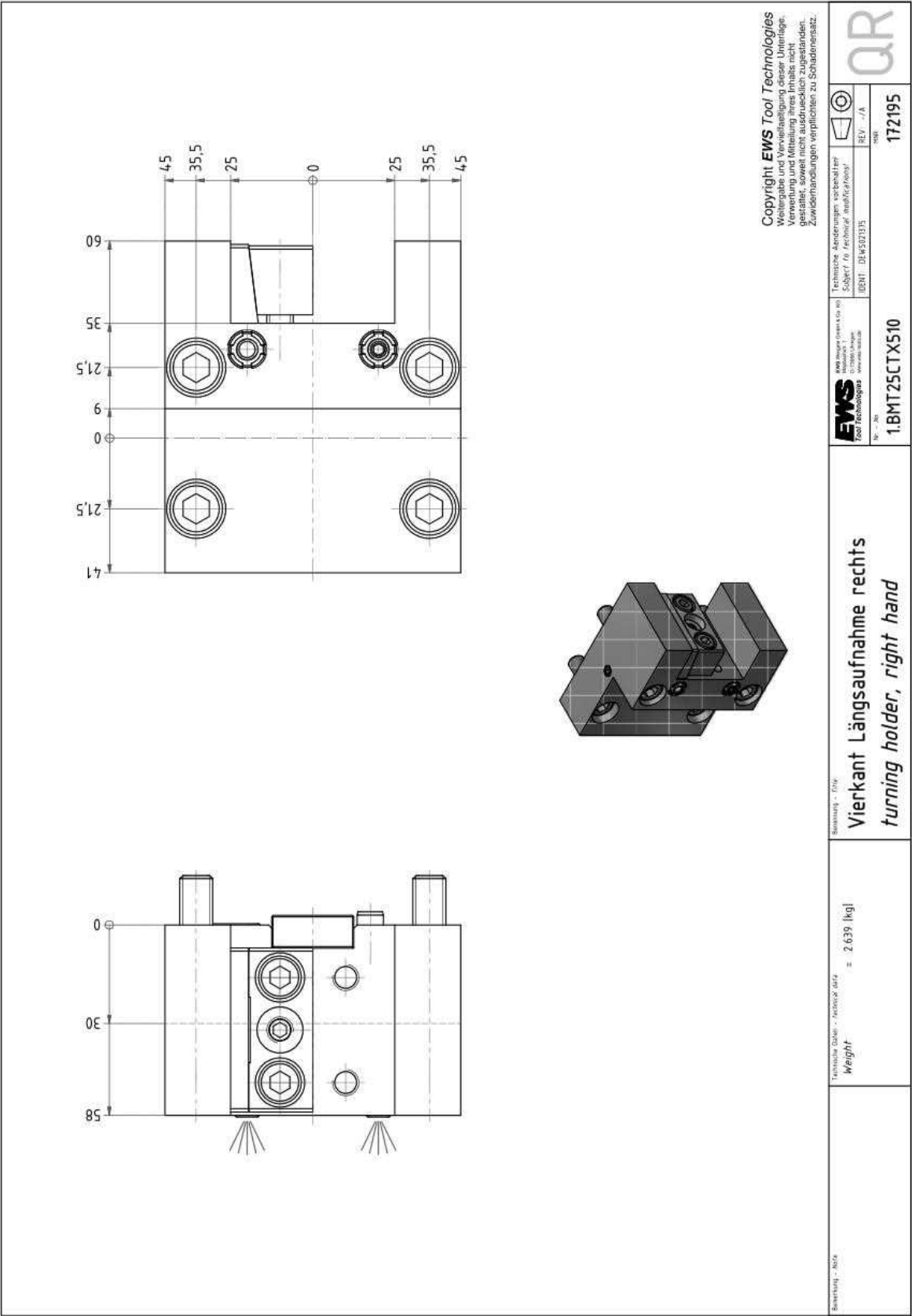


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Bemerkung - Note Technische Daten - Technical data Weight = 2,311 [kg]	Bemerkung - Note Abstechhalter Infeed / Cut-off tool holder	EWS www.ews-tools.de Tool Technologies	Technische Änderungen vorbehalten		REV. - / A MNR. S04293	QR
			Subject to technical modifications			
			IDENT DEWS01P16			

turning holder, right hand

Pos.: 27
MNR: 172195
KTXT: 1.BMT25CTX510

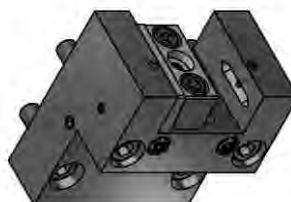
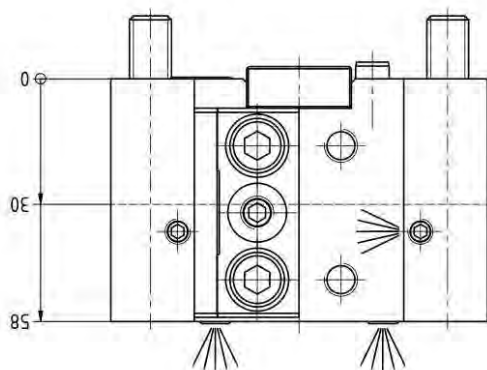
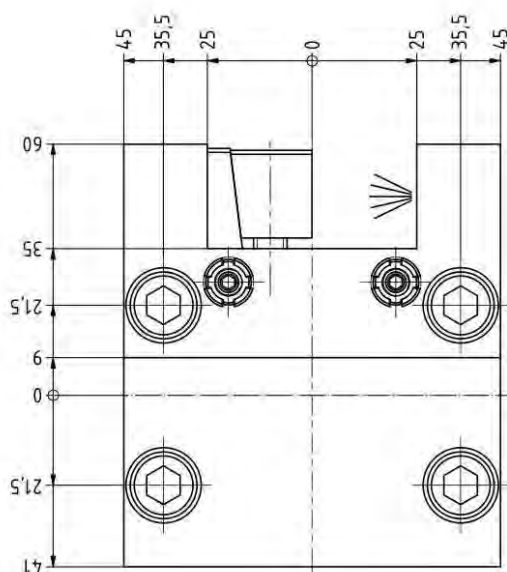


turning holder, right hand

Pos.: 29

MNR: 203020

KTXT: 1.BMT25CTX510IK

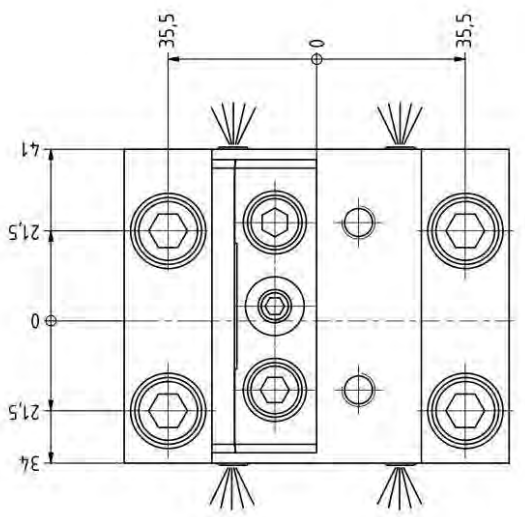
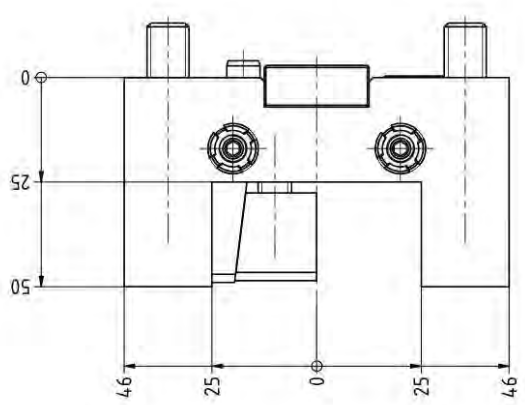


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Bemerkung - Remark Technische Änderungen vorbehalten! Subject to technical modifications!	EWS EWS Werkzeug AG Maschinenbau Tool Technologies www.ews-werkzeug.de	Zeichnung - Title Weekabahl-Bürodesenflammechts <i>Weekabahl-Bürodesenflammechts</i>	Technische Änderungen vorbehalten! Subject to technical modifications!	QR
2.142 kg/l Weight	1. BMT25CTX10IK	203020	203020	203020

turning tool, left hand

Pos.: 31
MNR: 165713
KTX: 8.BMT25CTX510

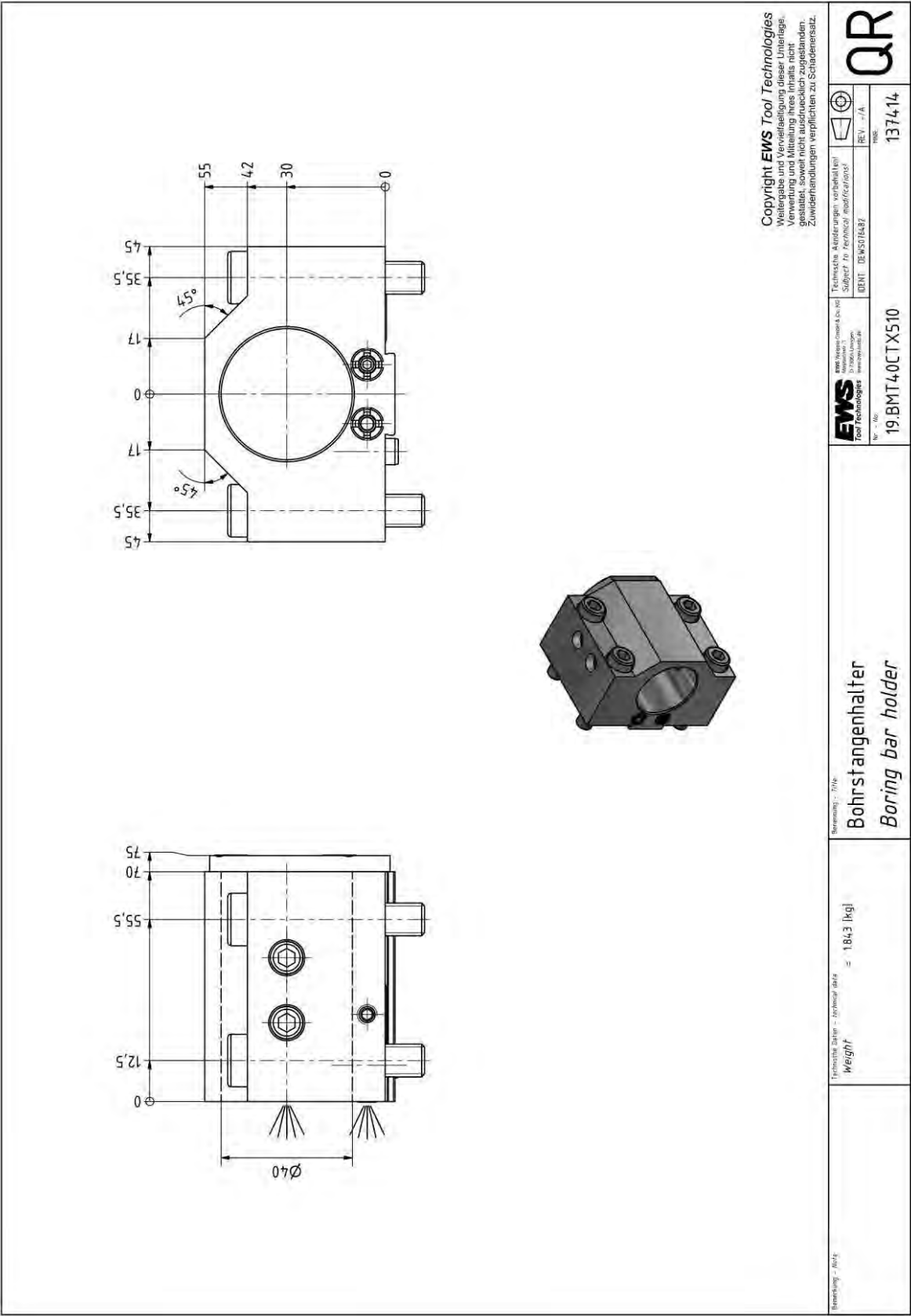


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EWS Tool Technologies www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications	REV. - / A	165713
8.BMT25CTX510			

Boring bar holder

Pos.: 33
MNR: 137414
KTXT: 19.BMT40CtX510

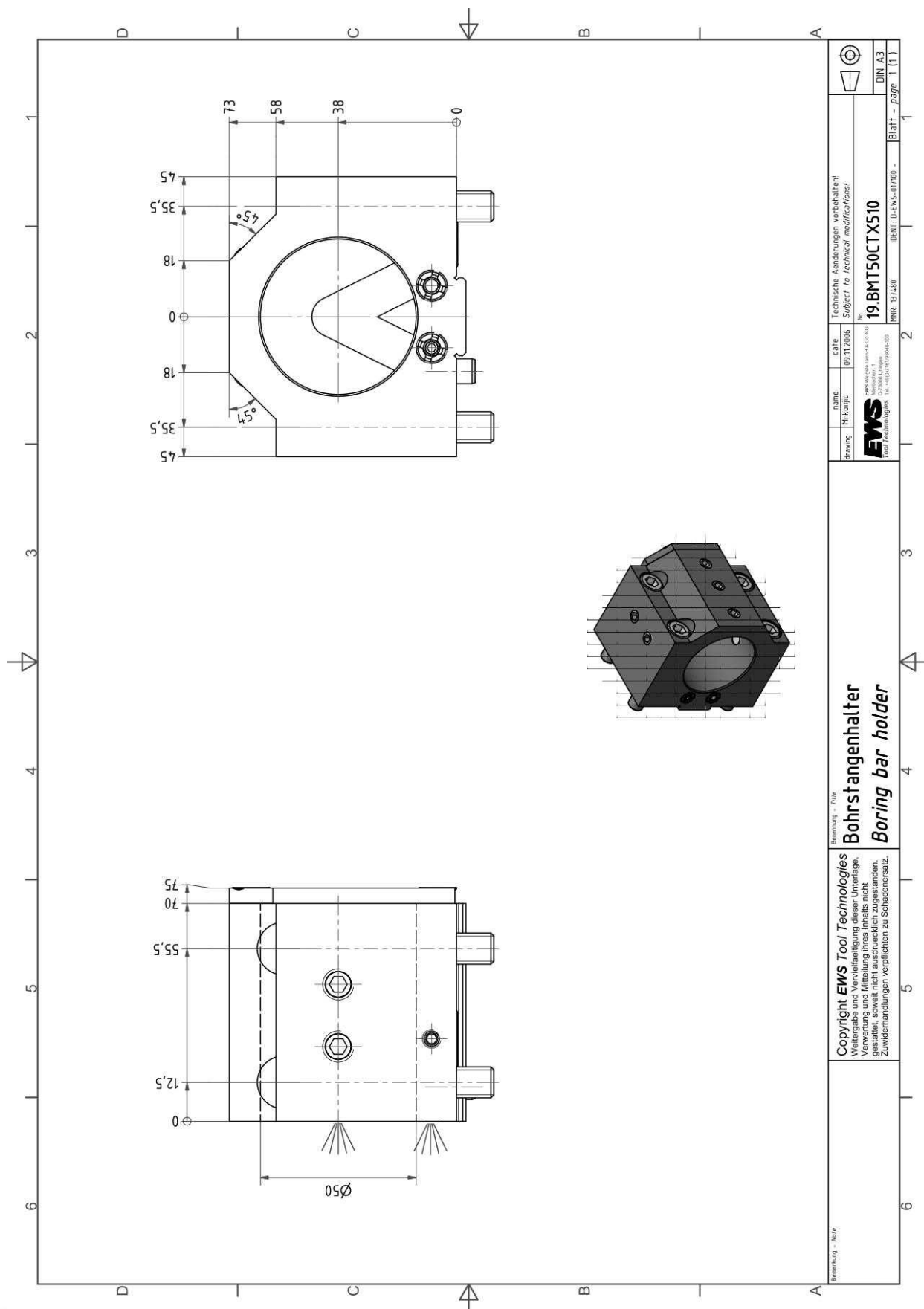


Boring bar holder

Pos.: 43

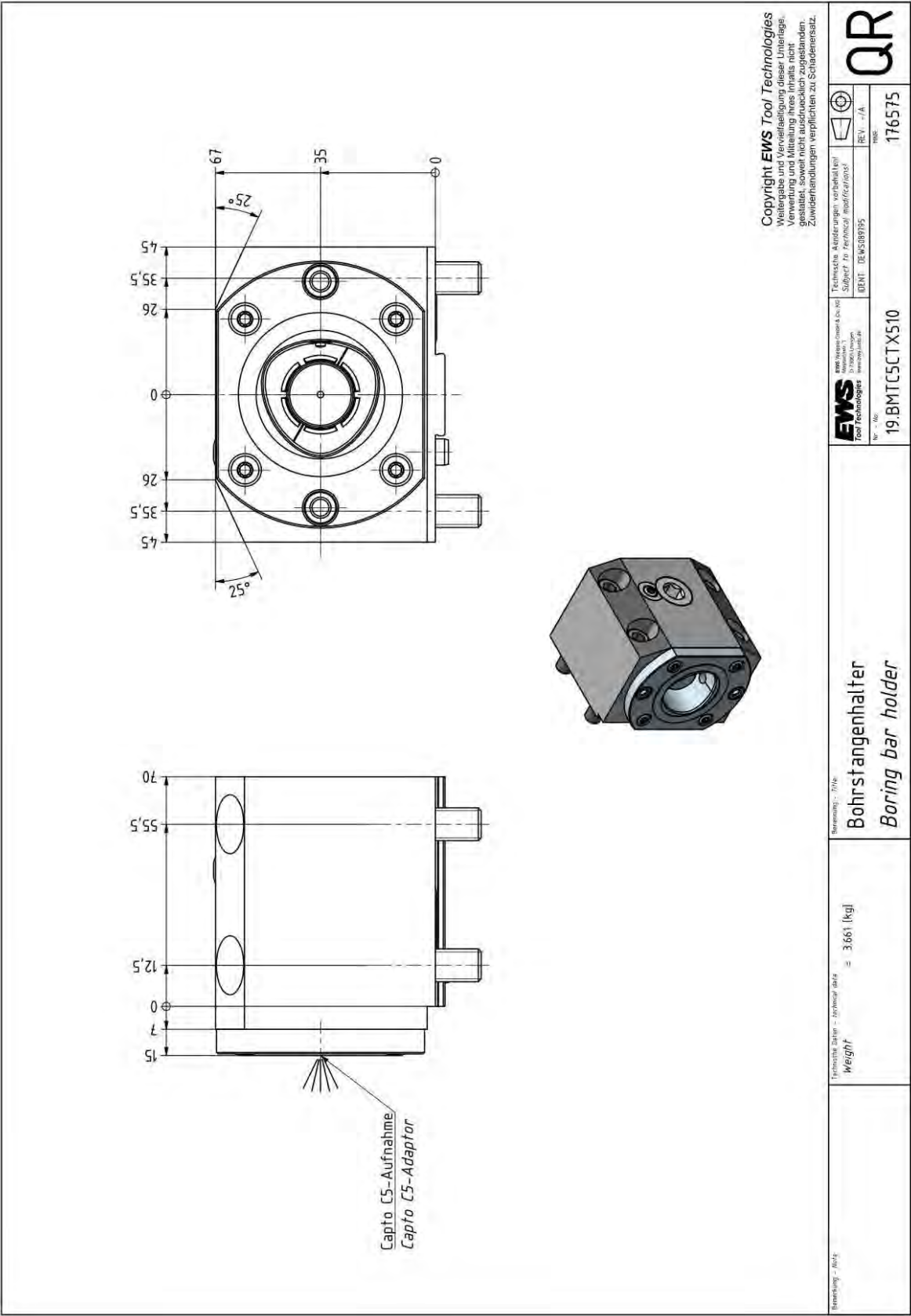
MNR: 137480

KTXT: 19.BMT50CTX510



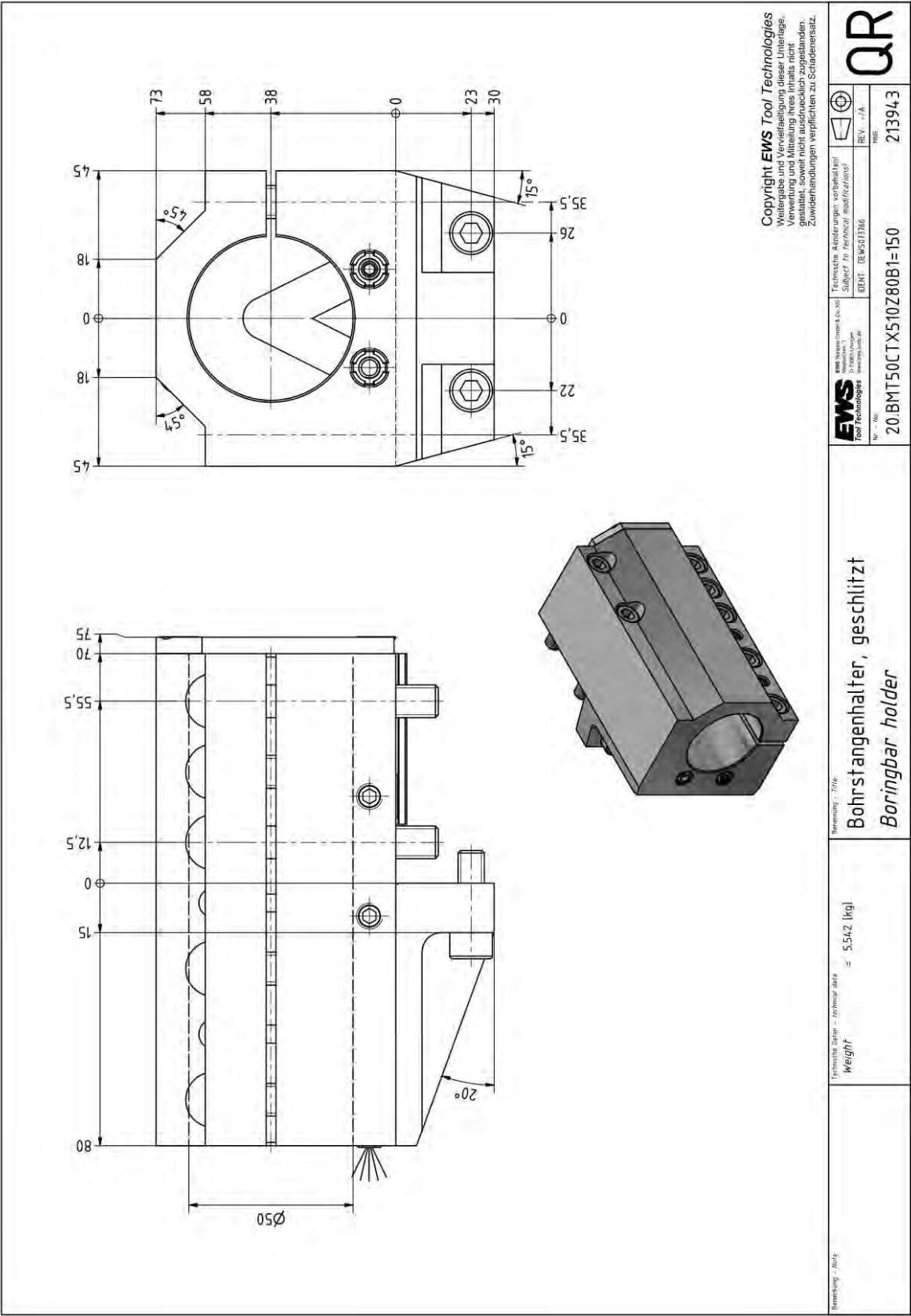
Boring bar holder

Pos.: 44
MNR: 176575
KTXT: 19.BMTC5CTX510



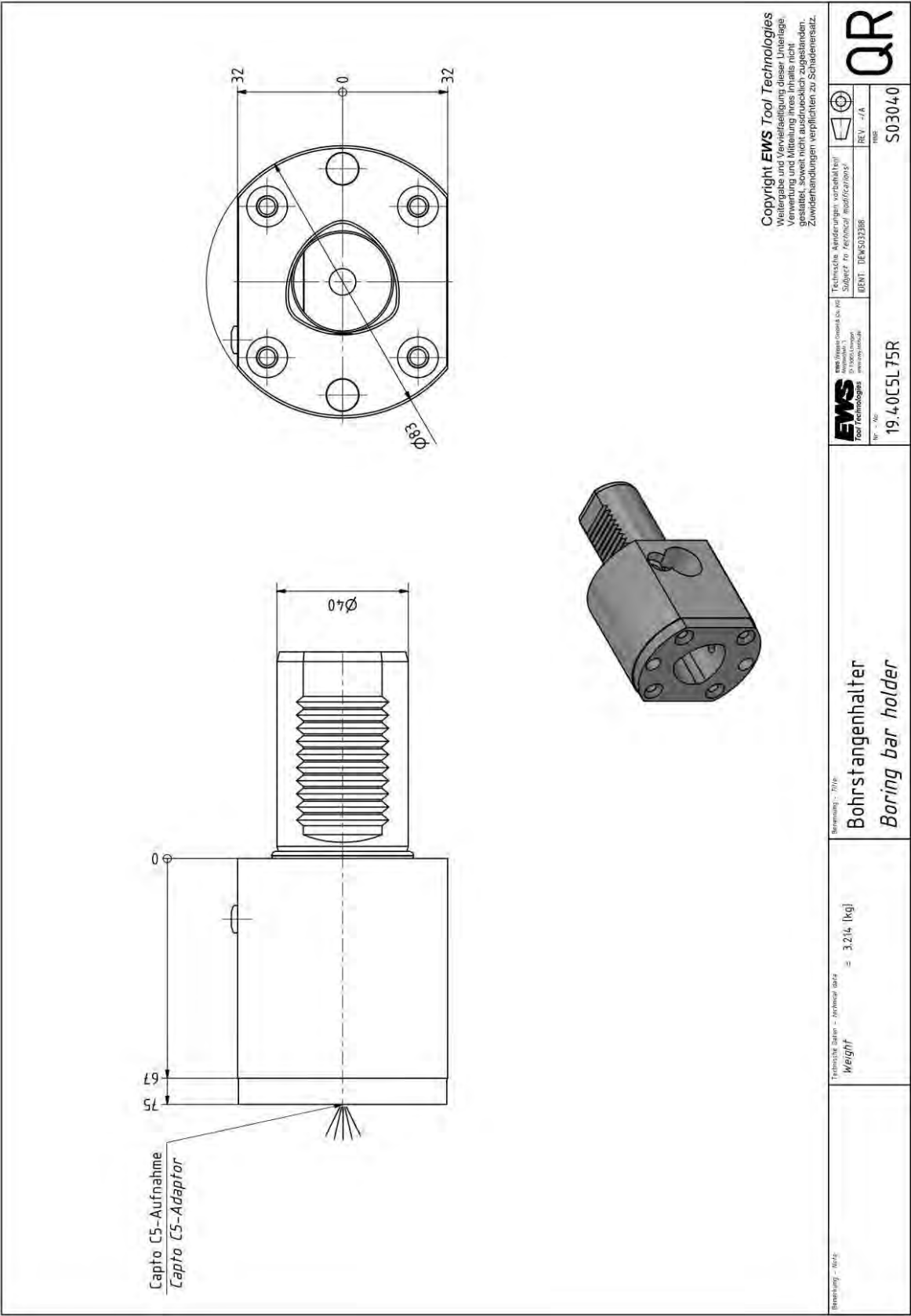
Boringbar holder

Pos.: 45
MNR: 213943
KTX: 20.BMT50CTX510Z80B1=150



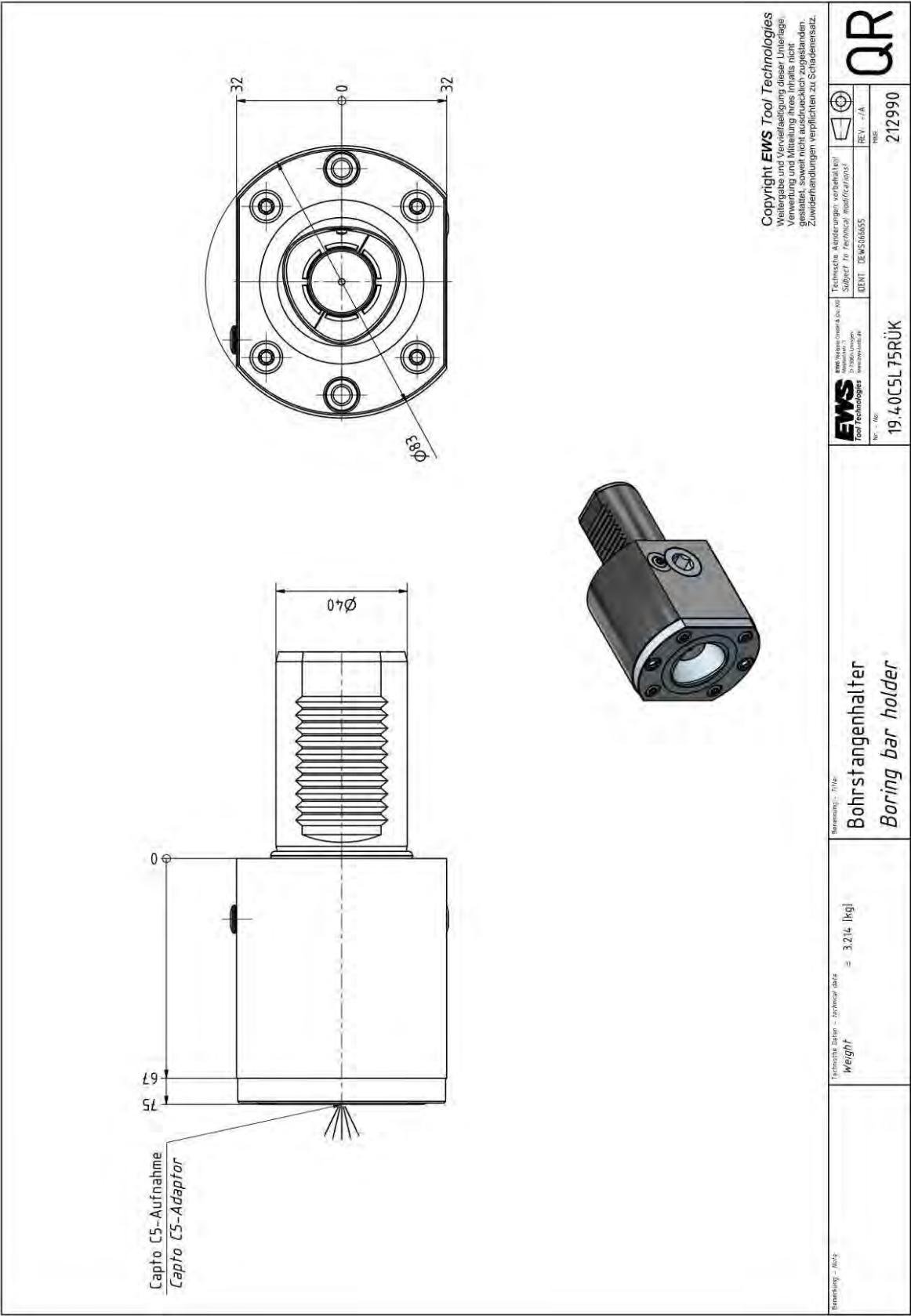
Boring bar holder

Pos.: 46
MNR: S03040
KTX: 19.40C5L75R



Boring bar holder

Pos.: 52
MNR: 212990
KTX: 19.40C5L75RÜK



Boring bar holder

Pos.: 58
MNR: 137396
KTXT: 19.4006

Technical drawing of the boring bar holder. The front view shows a cylindrical body with a central threaded section. Dimensions include a total length of 75, a section length of 21, a central section length of 35, and a diameter of 55. The top view shows a circular flange with a diameter of 83 and a central hole with a diameter of 70. A dimension of 32.5 is shown for the distance from the center to the mounting holes.

3D isometric view of the boring bar holder, showing its cylindrical shape and central threaded section.

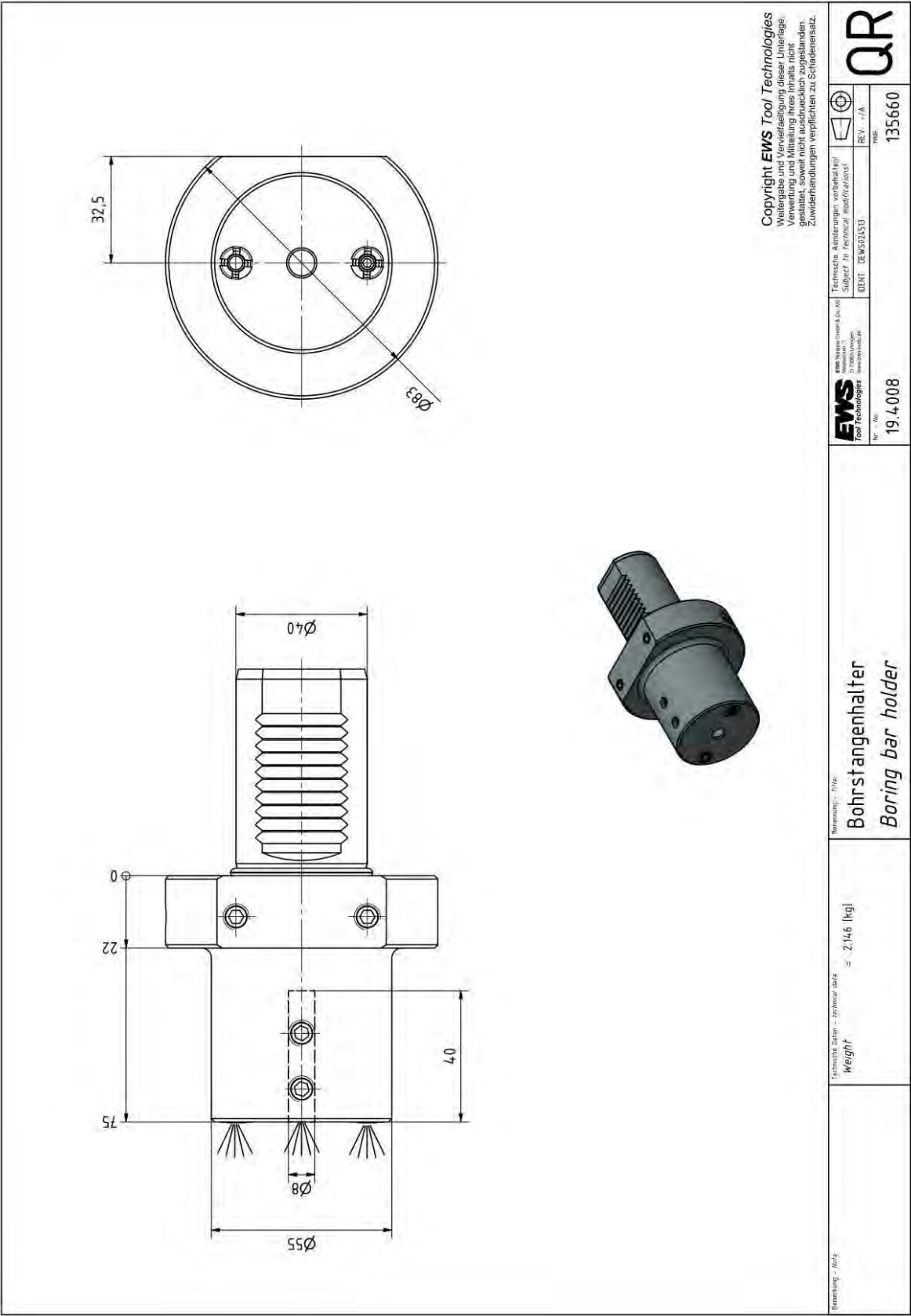
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Technical drawing: 137396
Subject: Boring bar holder
REV.: 1.0
DATE: 19.4.2006
D-DEW-200055

QR

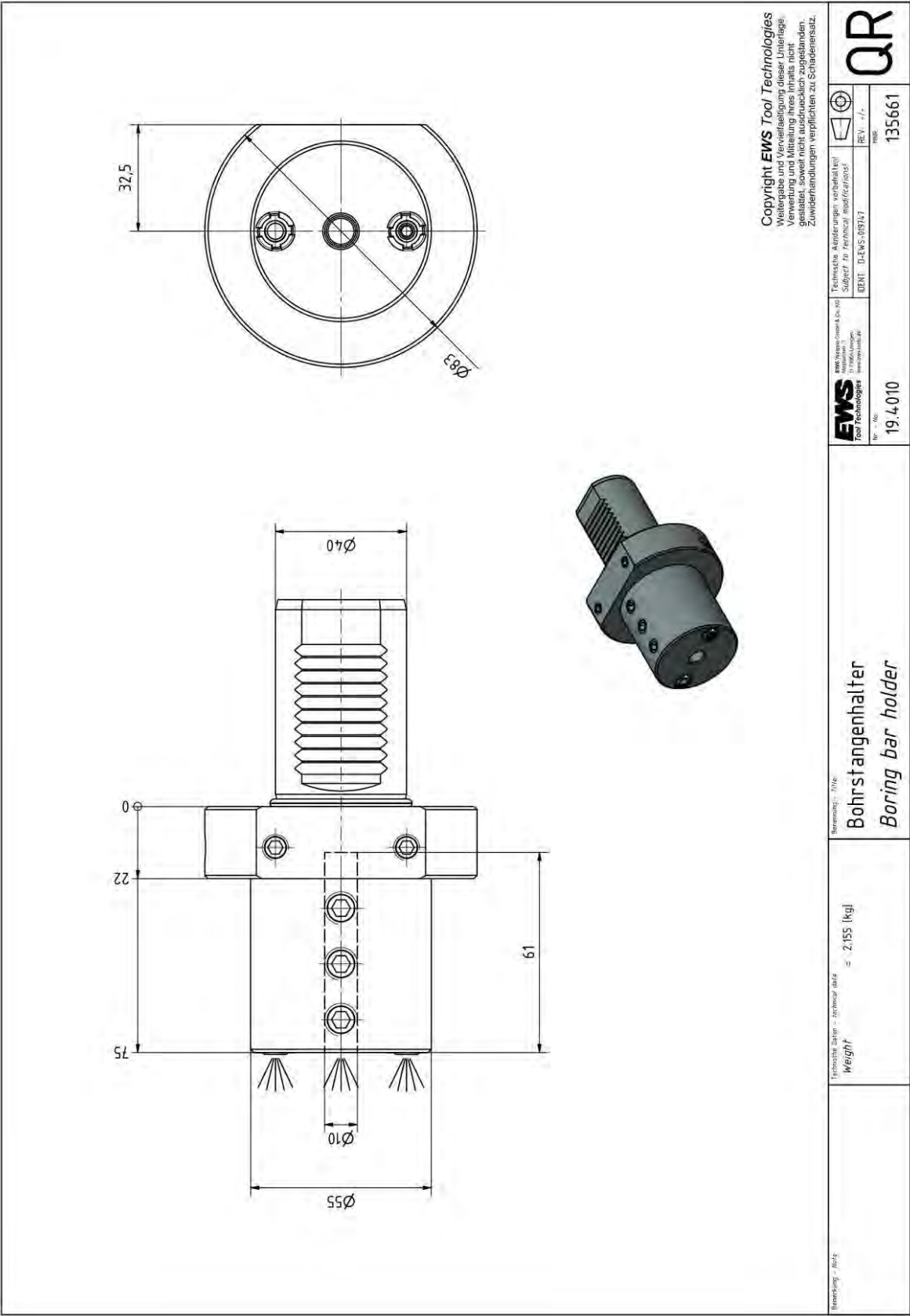
Boring bar holder

Pos.: 68
MNR: 135660
KTXT: 19.4008



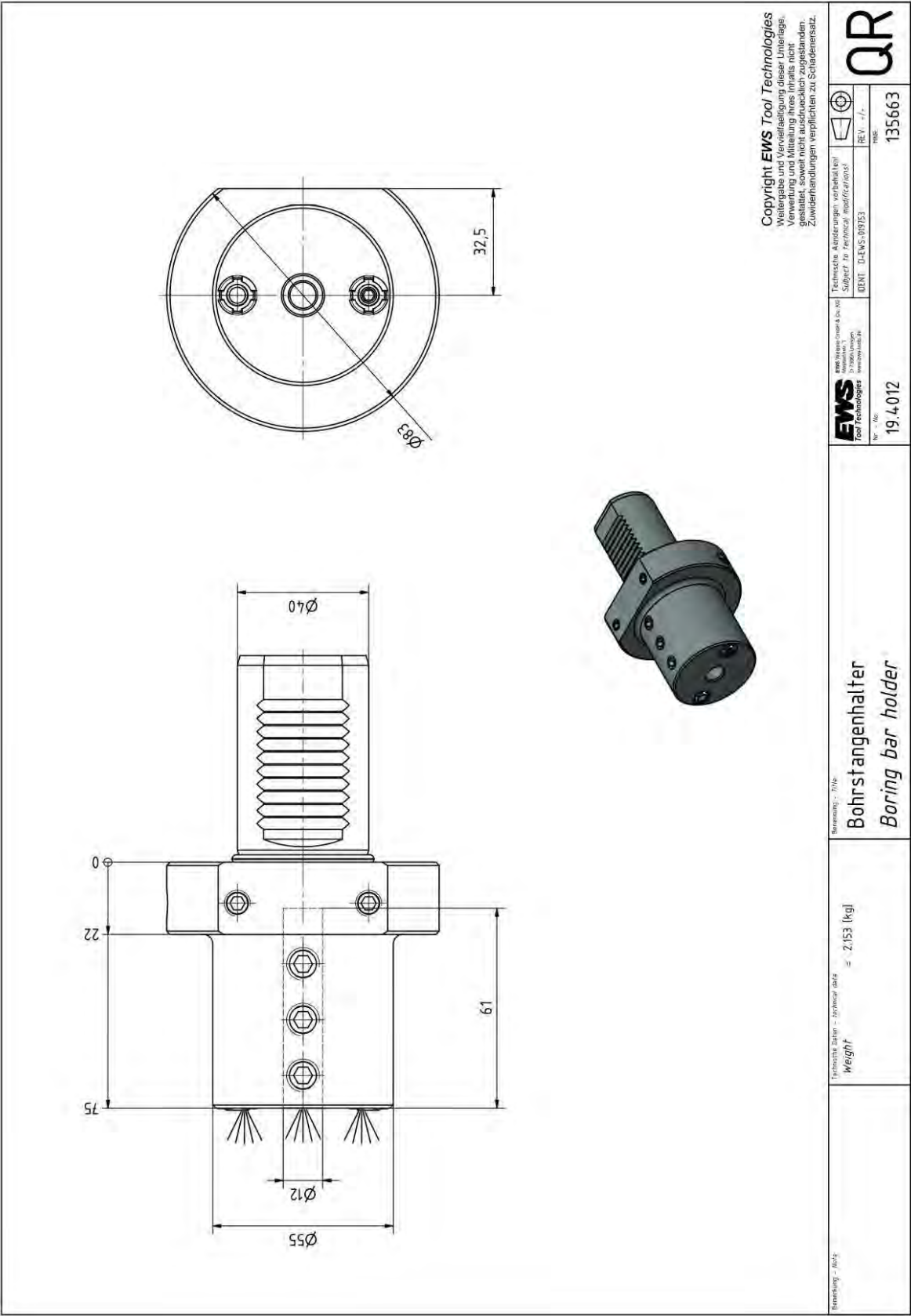
Boring bar holder

Pos.: 69
MNR: 135661
KTXT: 19.4010



Boring bar holder

Pos.: 70
MNR: 135663
KTX: 19.4012

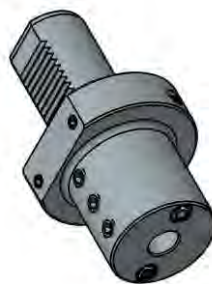
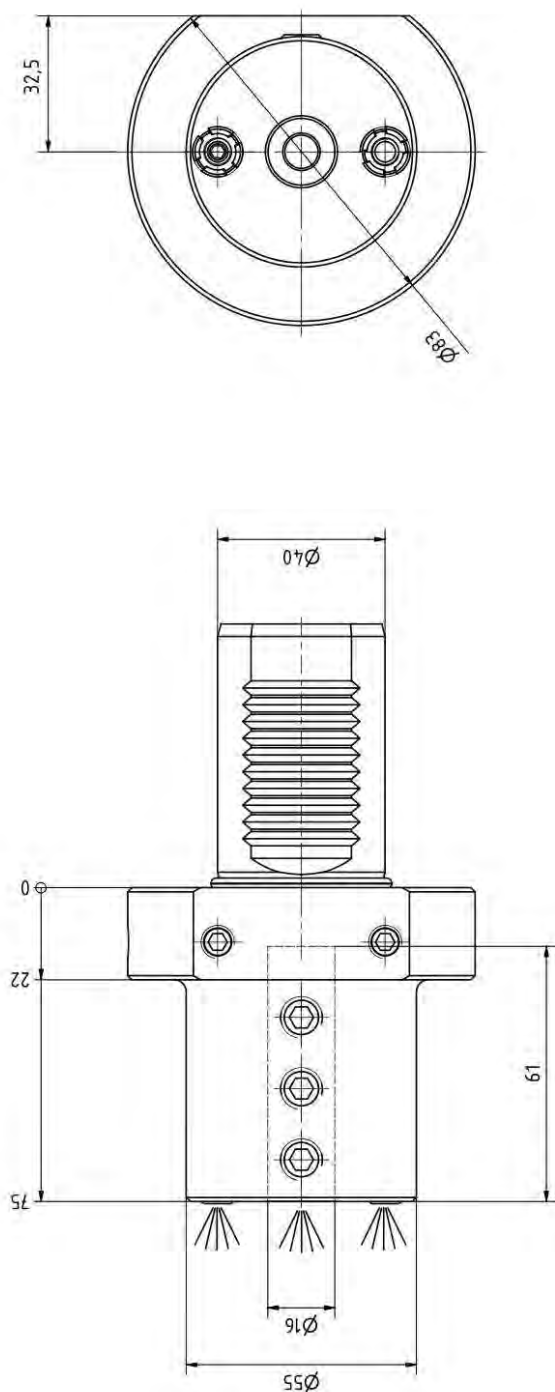


Boring bar holder

Pos.: 71

MNR: 135664

KTXT: 19.4016



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[illegible]

Boring bar holder

Pos.: 72
MNR: 135665
KTX: 19.4020

Technical drawing of a boring bar holder. The front view shows a cylindrical body with a central threaded hole (Ø40) and three mounting holes (Ø20) on the side. The side view shows a total length of 61 and a mounting flange with a diameter of Ø55. The top view shows a circular flange with a diameter of Ø83 and a central hole with a diameter of 32.5.

3D perspective view of the boring bar holder, showing its cylindrical shape and mounting features.

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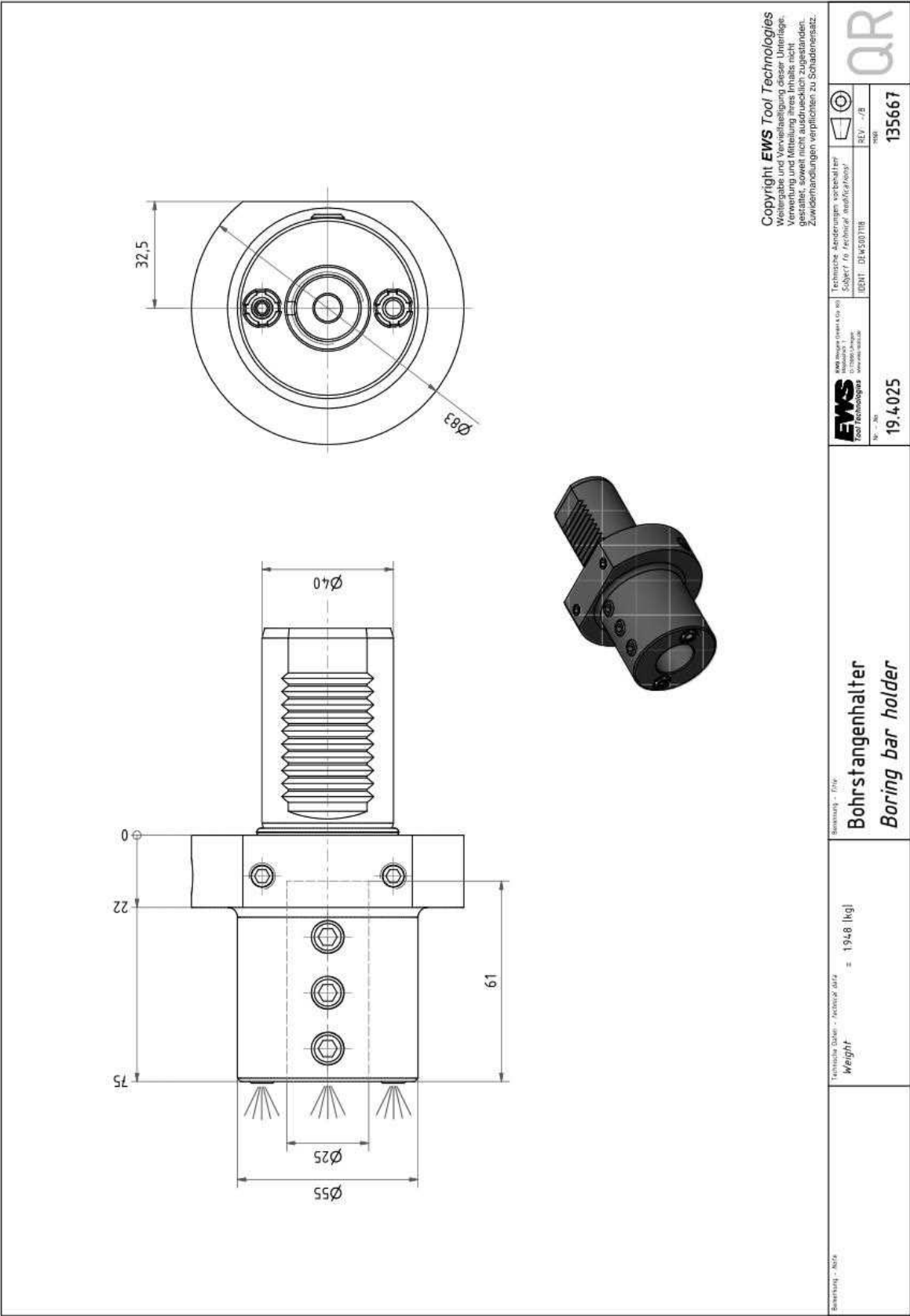
	EWS Group GmbH & Co. KG 10117 Berlin www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications		
		IDENT	DEWS024057	
No. 135665		REV. 1/0		135665
19.4020				

Bohrstangenhalter
Boring bar holder

Technische Daten - Technical data
Weight = 2.048 [kg]

Boring bar holder

Pos.: 73
MNR: 135667
KTXT: 19.4025



Boring bar holder

Pos.: 74
MNR: 135668
KTX: 19.4032

Technical drawing of the boring bar holder. The front view shows a cylindrical body with a central threaded hole of diameter Ø40 and a total height of 75. The side view shows a flange with a diameter of Ø83 and a thickness of 32.5. The main body has a diameter of Ø70 and a central hole of Ø32. The distance from the top of the main body to the center of the threaded hole is 22. The distance from the center of the threaded hole to the bottom of the main body is 61.

Achtung: Darf nur mit Verschlussstopfen verwendet werden!
Attention: May only be used with sealing plug!

Anzugsmoment: 40 Nm
Tightening torque: 40 Nm

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Technische Änderungen vorbehalten!
Subject to technical modifications!

REVISIONS
REV. - / E

DEUT. DEW13132B

135668

QR

Technische Daten - Technical data	Bezeichnung - Title
Weight = 2,448 [kg]	Bohrstangenhalter Boring bar holder
Bezeichnung - Title	

Boring bar holder

Pos.: 75
MNR: 135669
KTXT: 19.4040

Technical drawing of the boring bar holder. The front view shows a cylindrical body with a central bore of $\varnothing 70$ mm and four mounting holes. The side view shows a threaded section with a diameter of $\varnothing 40$ mm and a length of 30 mm. The total length of the body is 76 mm. The mounting holes have a diameter of $\varnothing 8.3$ mm and are spaced 32.5 mm apart.

Achtung: Darf nur mit Verschlussstopfen verwendet werden!
Attention: May only be used with sealing plug!

Anzugsmoment: 40 Nm
Tightening torque: 40 Nm

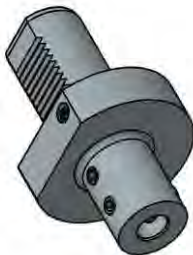
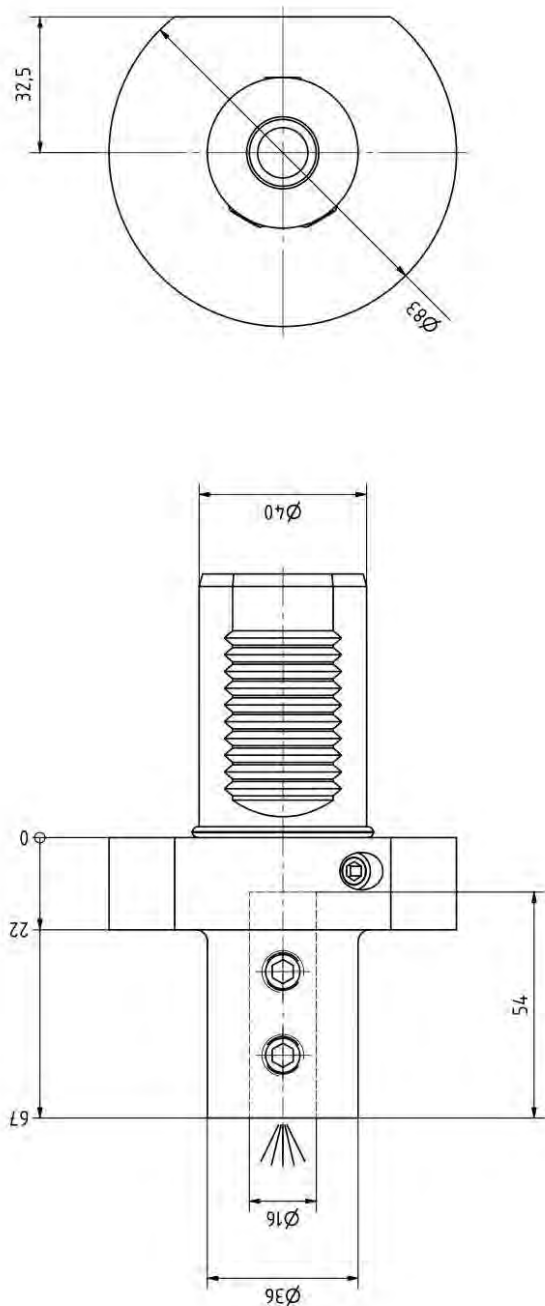
3D isometric view of the boring bar holder, showing its cylindrical shape, mounting holes, and threaded section.

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 EWS Tool Technologies www.ews-tools.de	Technische Änderungen vorbehalten Subject to technical modifications	REVISION REV. 1.0	QR
	DEUT. DEW113339	135669	
Bohrstangenhalter Boring bar holder		19.4040	
Technische Daten - Technical Data Weight = 2.590 (kg)			

U -drill holder

Pos.: 76
MNR: 135830
KTXT: 27.4016



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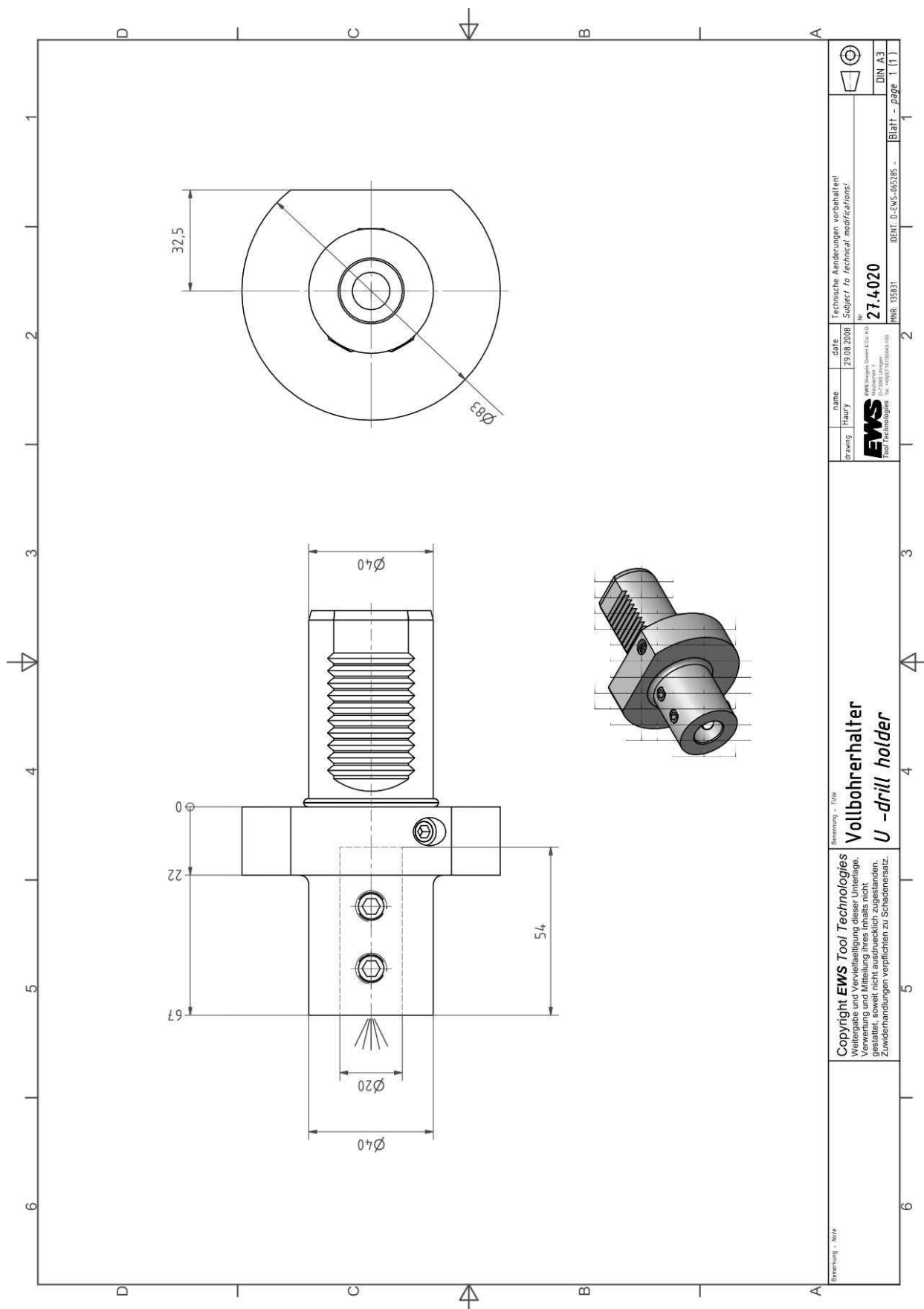
Bemerkung - Note	Technische Daten - Technical data Weight = 1,701 kg	Bemerkung - Note Vollbohrerhalter U -drill holder	EWS Tool Technologies www.ews-tools.de D-73860 Lengen St. 170000 No. - No.	Technische Änderungen vorbehalten Subject to technical modifications BENT D-EWS-0891.73 REV. - /-/ MNR	
			27.4016		
			135830		

U -drill holder

Pos.: 77

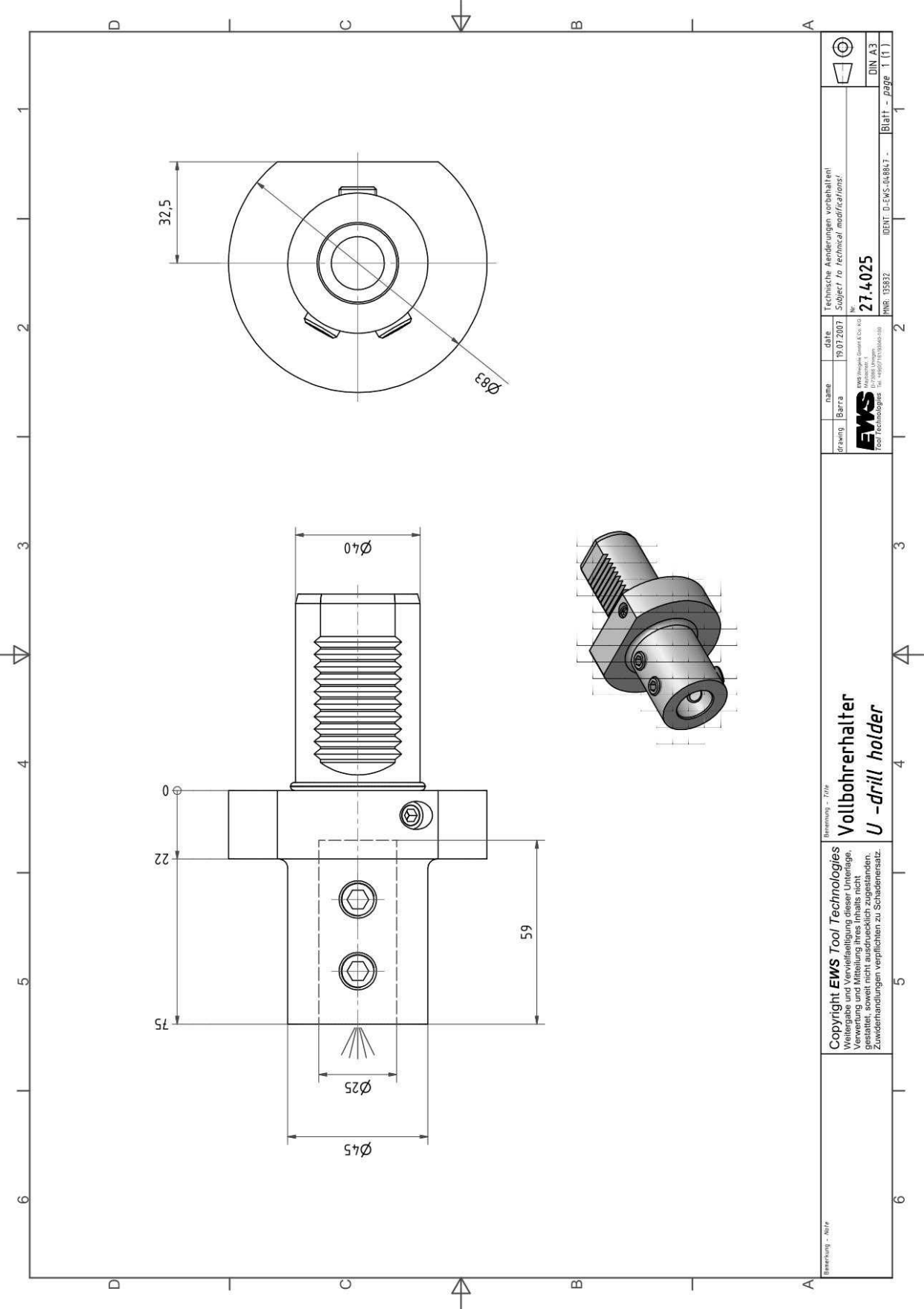
MNR: 135831

KTXT: 27.4020



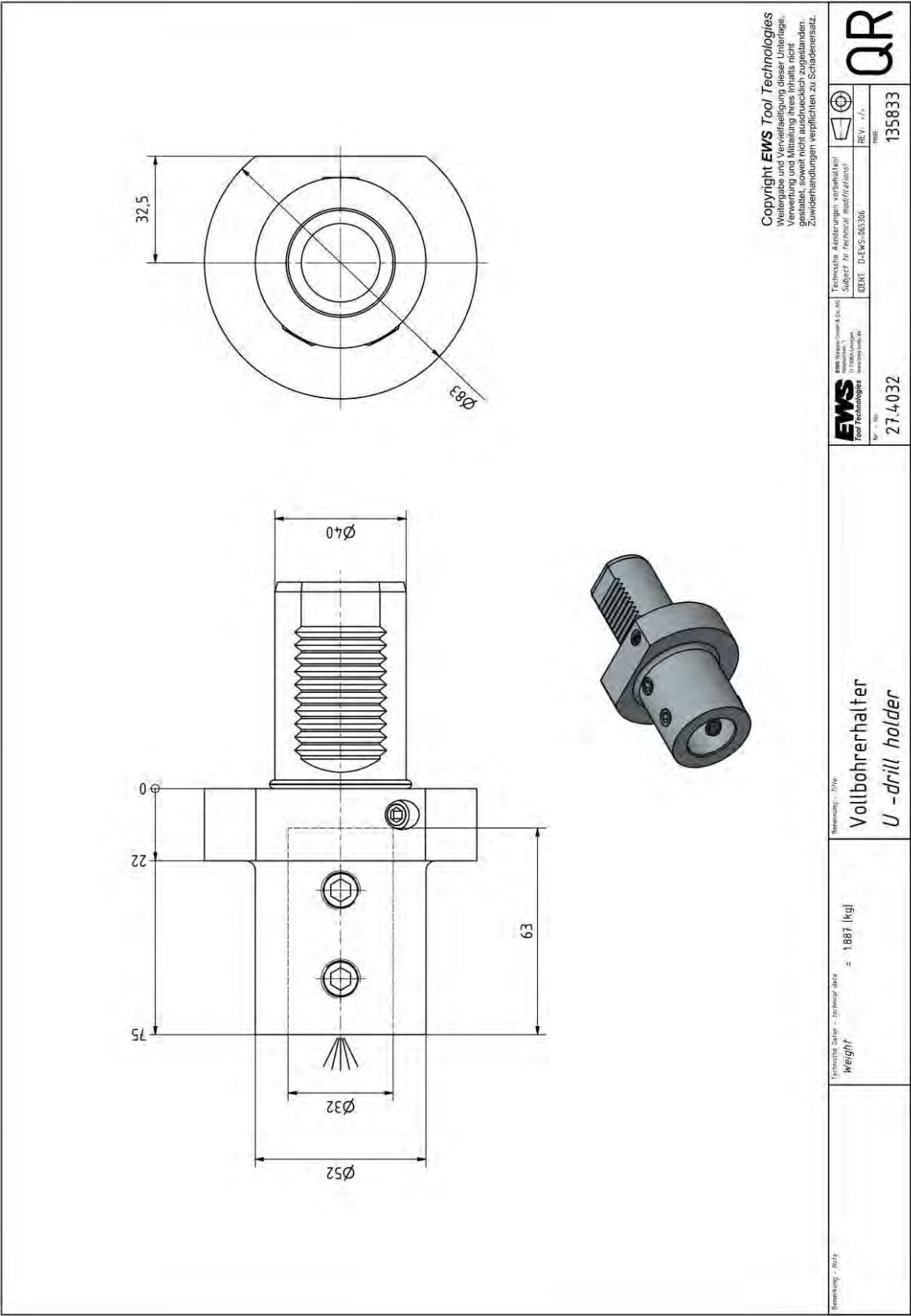
U -drill holder

Pos.: 78
MNR: 135832
KTX: 27.4025



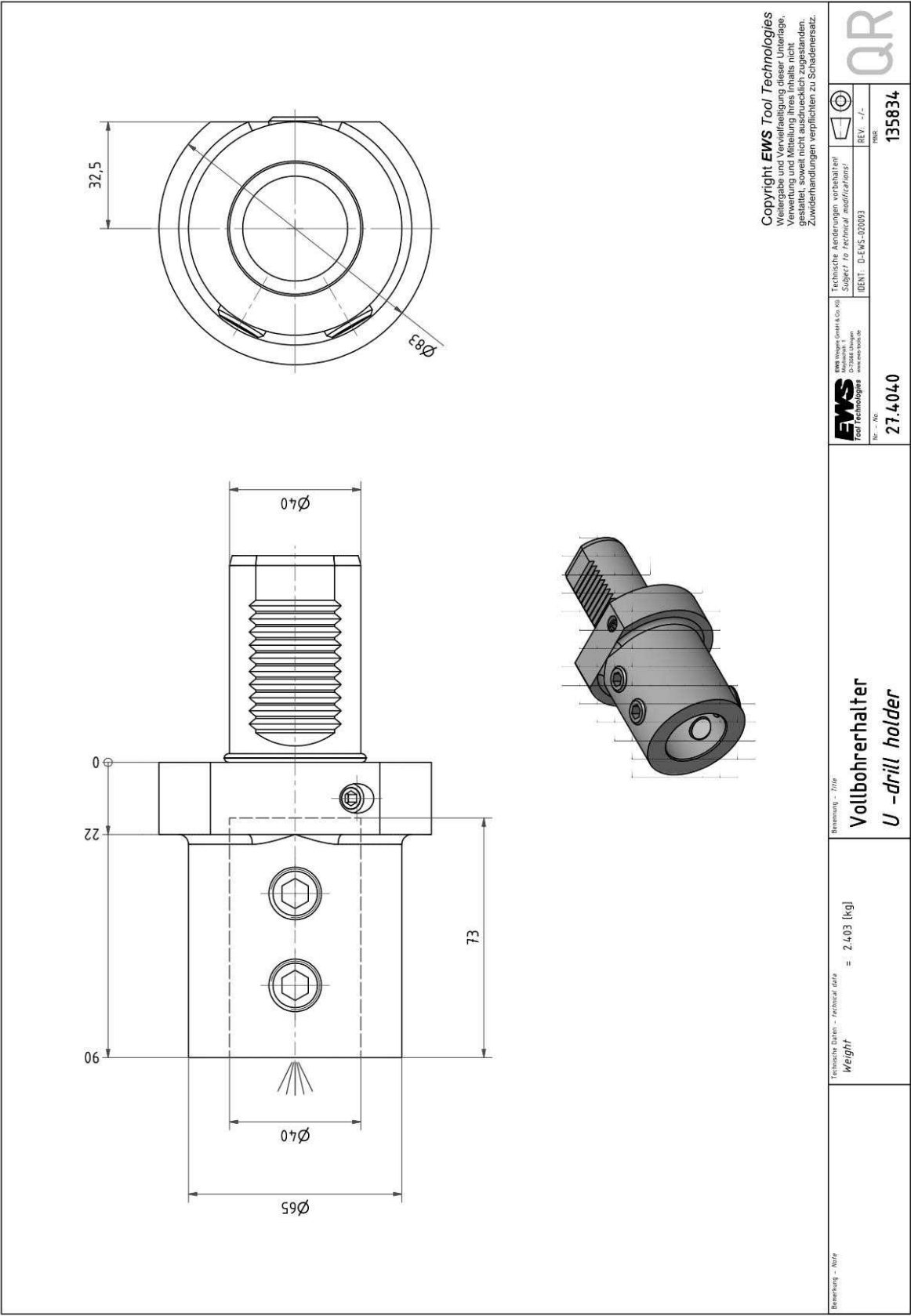
U -drill holder

Pos.: 79
MNR: 135833
KTX: 27.4032



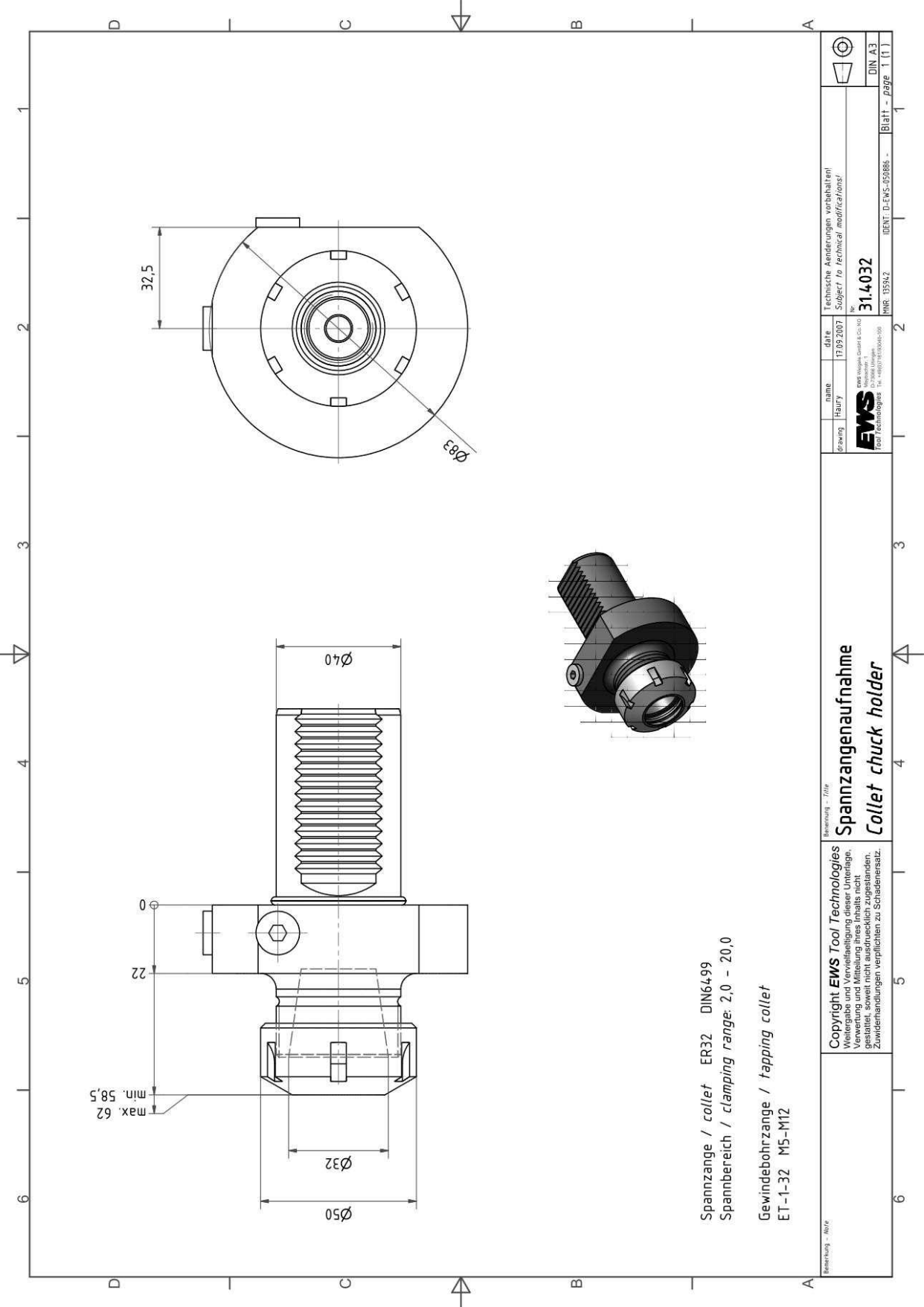
U -drill holder

Pos.: 80
MNR: 135834
KTXT: 27.4040



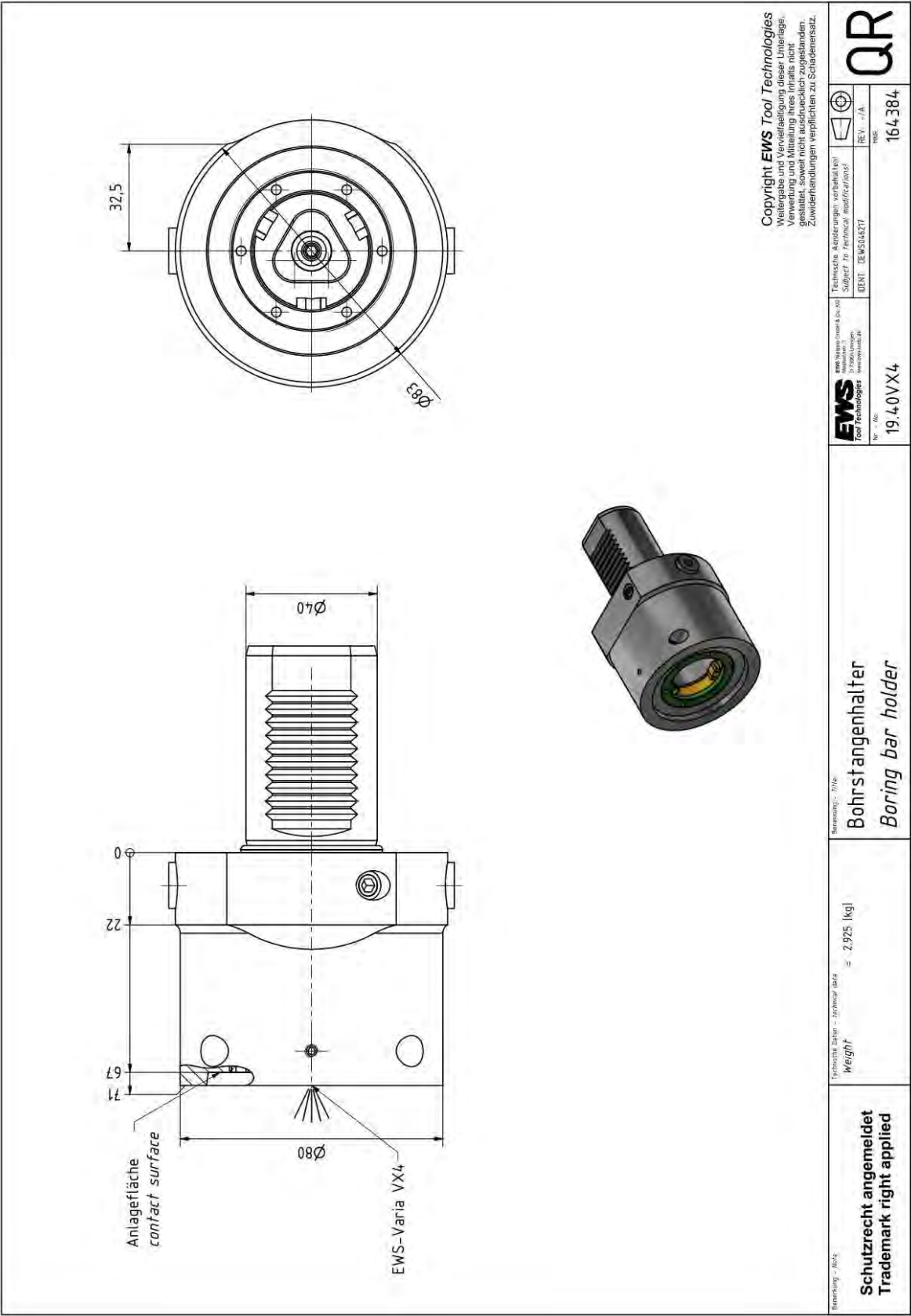
Collet chuck holder

Pos.: 81
MNR: 135942
KTX: 31.4032



Boring bar holder

Pos.: 84
MNR: 164384
KTX: 19.40VX4



Axial drilling and milling head

Pos.: 87
MNR: 194843
KTXT: 40.40VX4CTXIKC



Tech
Details



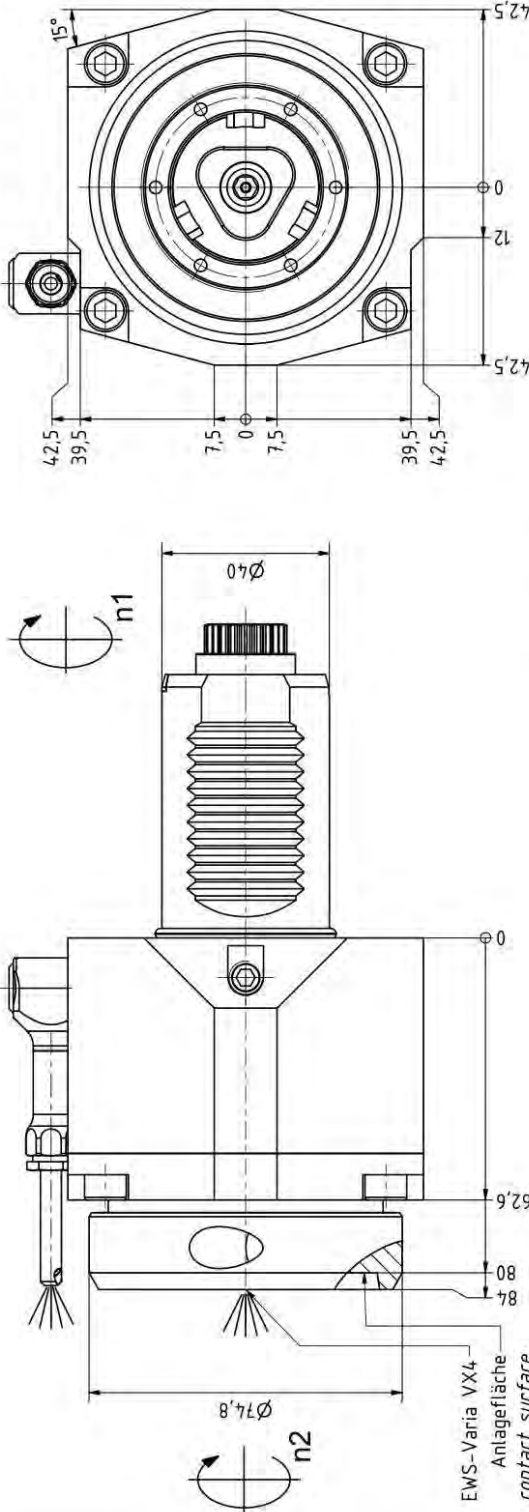
Butterfly
Seal



Ceramic
Seal



EWS-Varia



Technical drawing of the axial drilling and milling head. The top view shows a circular head with a 15° chamfer and dimensions: 42.5, 39.5, 7.5, 0, 7.5, 39.5, 42.5, 12, 0, 42.5. The side view shows a vertical shaft with a 40mm diameter and a 74.8mm diameter base. The head is labeled 'EWS-Varia VX4 Anlagefläche contact surface'. The drawing also includes a 3D perspective view of the head and a detail of the internal structure.

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EWS Tool Technologies No. - 100	40.40VX4CTXIKC	194843	REV. - / 0
Technische Änderungen vorbehalten Subject to technical modifications!		BENT. DE/MS102351	

Benennung - Title
Axial Bohr und Fräskopf
Axial drilling and milling head

Technische Daten - Technical data
Weight = 3.667 [kg]
Torque max. (M1/M2) = 63 / 63 [Nm]
Speed max. (n1/n2) = 6000 / 6000 [1/min]
Gear ratio (i)=n1/n2 = 1:1
Pressure (pmax) = 70 [bar]

Bemerkung - Note
Für Trockenlauf geeignet!
Use without coolant fluid allowed!

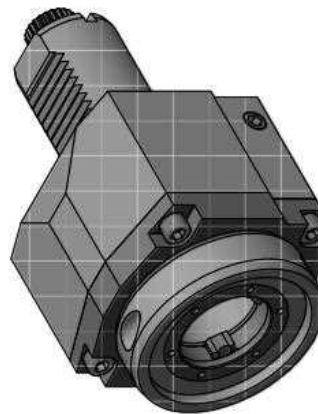
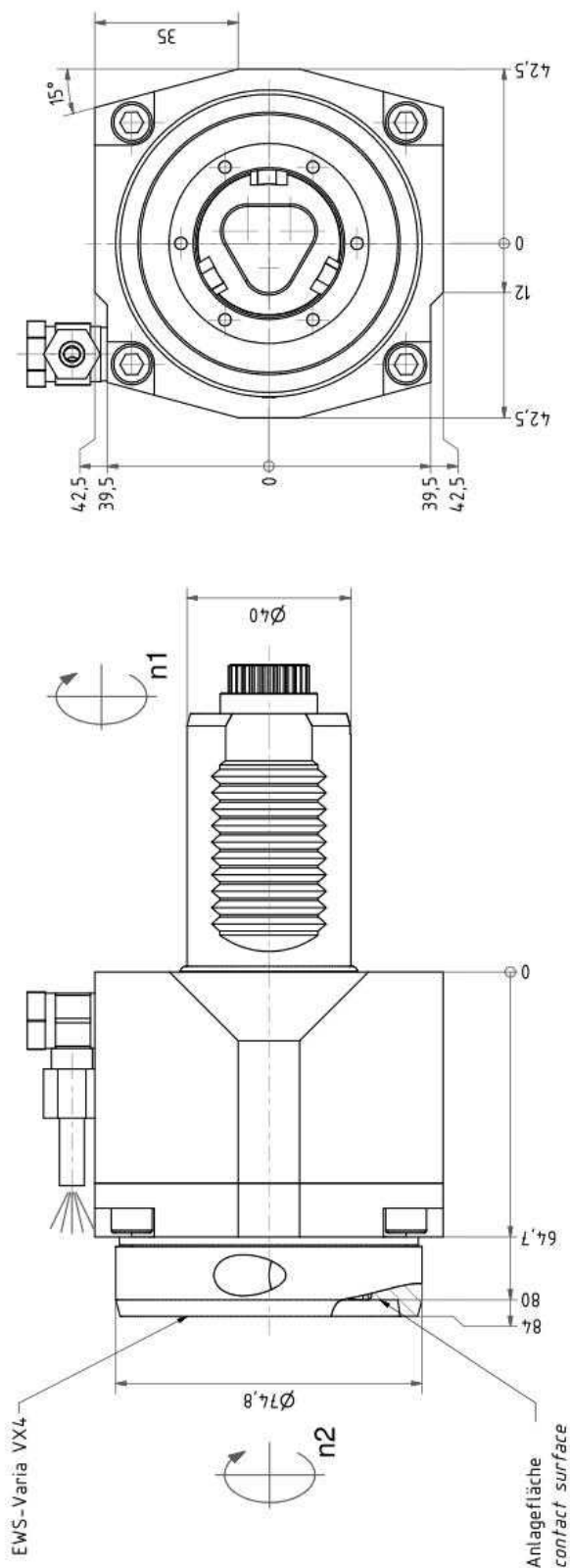
innen- und Aussenuehlung / inside and outside coolant supply
Kühlmittelreinigung-50p / coolant filtration-50p

Axial drilling and milling head

Pos.: 88

MNR: 158496

KTXT: 40.40VX4CTX

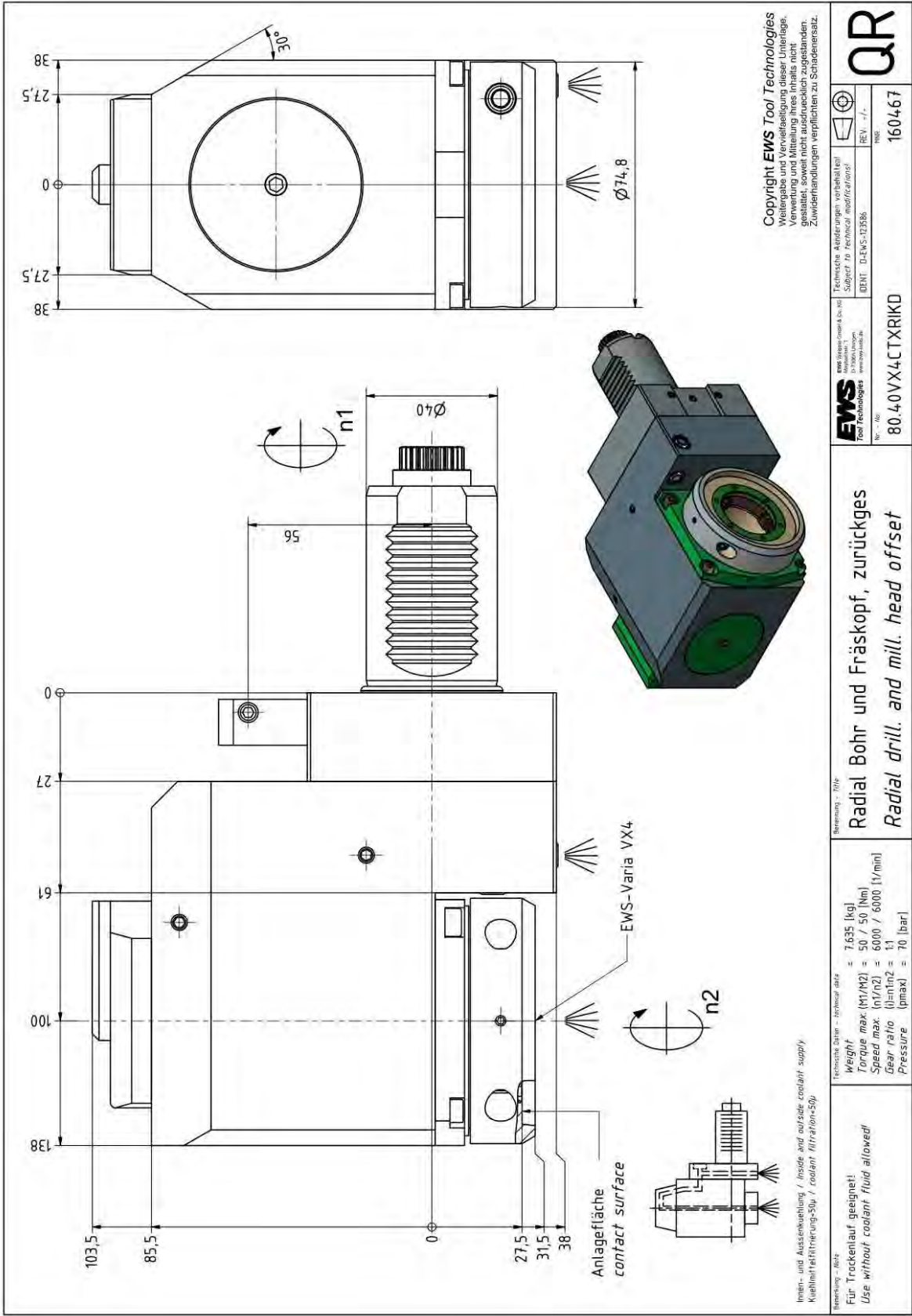


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Sonderbau - Note	Sonderbau - Type
Technische Daten - Technical data	
Weight	= 3516 [kg]
Torque max (M_{Tmax})	= 50 / 50 [Nm]
Speed max (n_{Tmax})	= 6000 / 6000 [1/min]
Gear ratio (i)=n₁/n₂	= 1:1

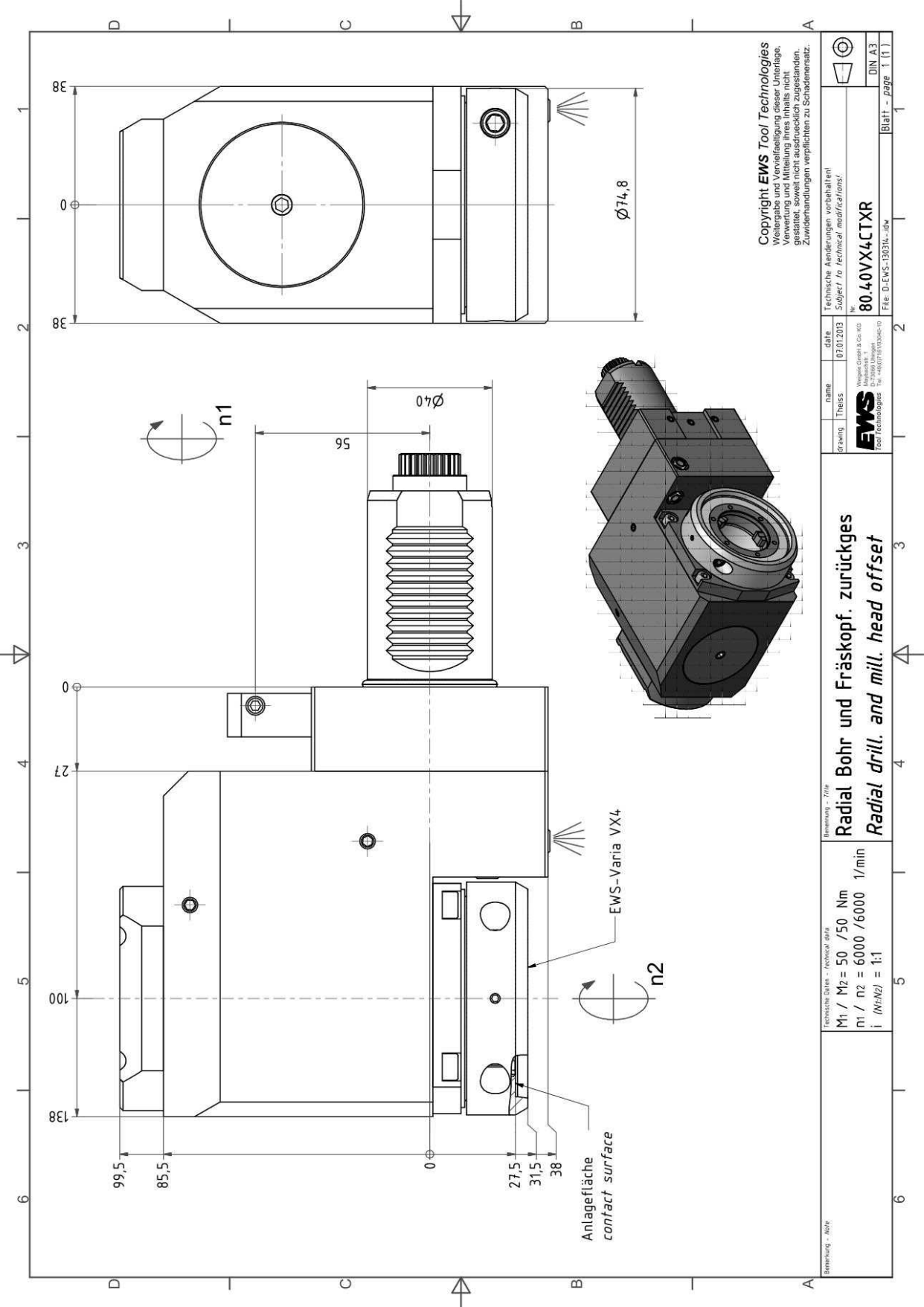
Radial drill. and mill. head offset

Pos.: 89
MNR: 160467
KTX: 80.40VX4CTXRIKD



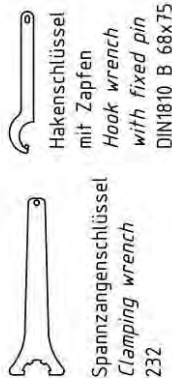
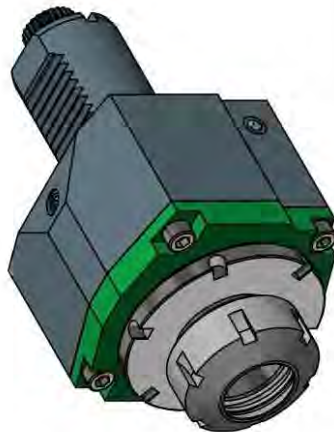
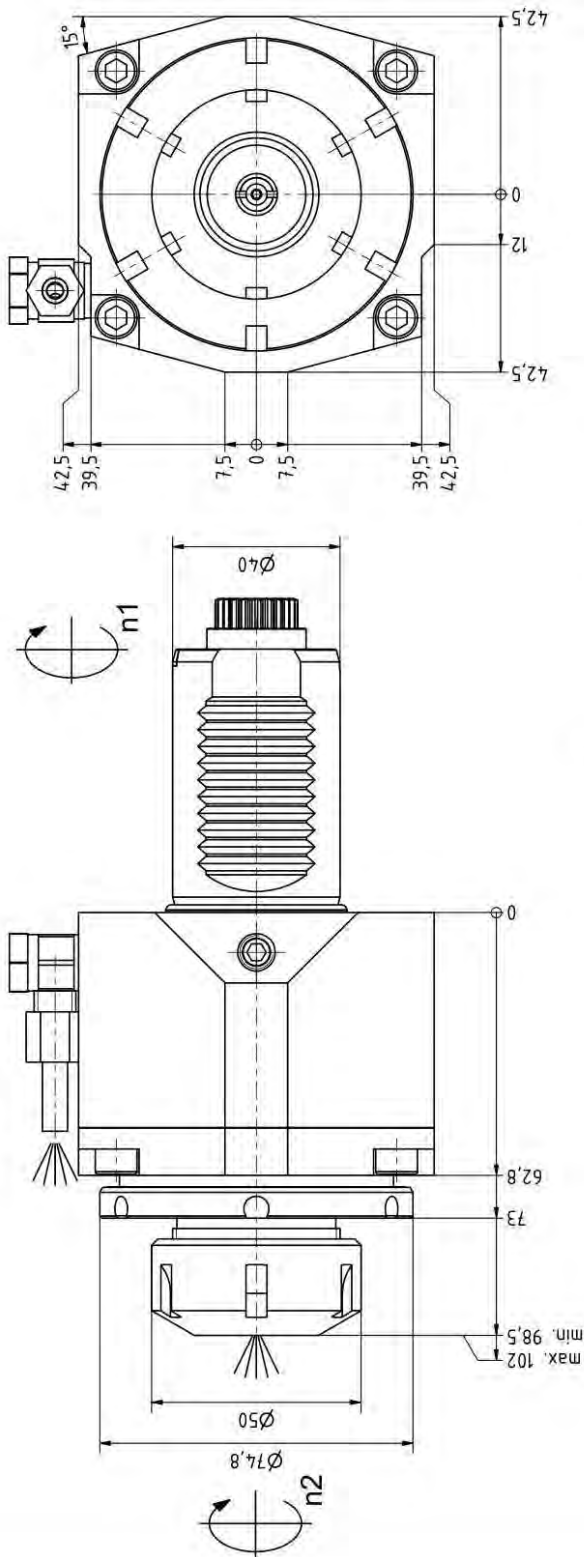
Radial drill. and mill. head offset

Pos.: 90
MNR: 158497
KTX: 80.40VX4CTXR

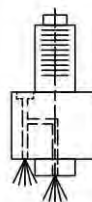


Axial drilling and milling head

Pos.: 91
MNR: 208517
KTXT: 40.4032CTXIKC



Spannzange / collet ER32 DIN6499
Spannbereich / clamping range: 2,0 – 20,0



innen- und ausenkühlung / inside and outside coolant supply
Kühlmittelfiltrierung-50µ / coolant filtration-50µ

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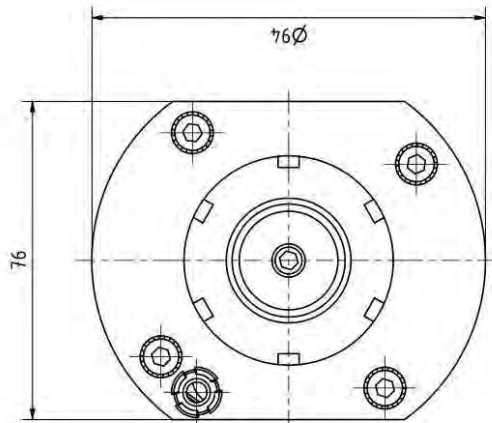
QR	 Technische Änderungen vorbehalten! Subject to technical modification! REV. - / A IME 208517	
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Axial drilling and milling head

Pos.: 92

MNR: 100574

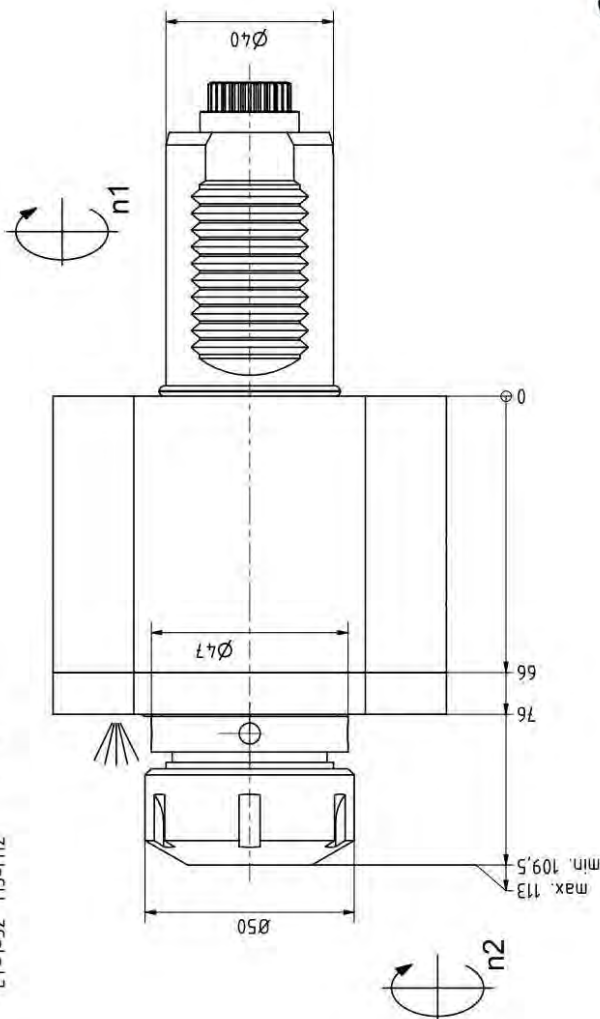
KTXT: 40.4032CTX



Hakenschlüssel
mit Zapfen
*Hook wrench
with fixed pin*
DIN1810 B 45x50



Spannzangenschlüssel
Clamping wrench
232



Spannzange / collet ER32 DIN6499
Spannbereich / clamping range: 2,0 - 20,0

Gewindebohrzange / tapping collet
ET-1-32 M5-M12

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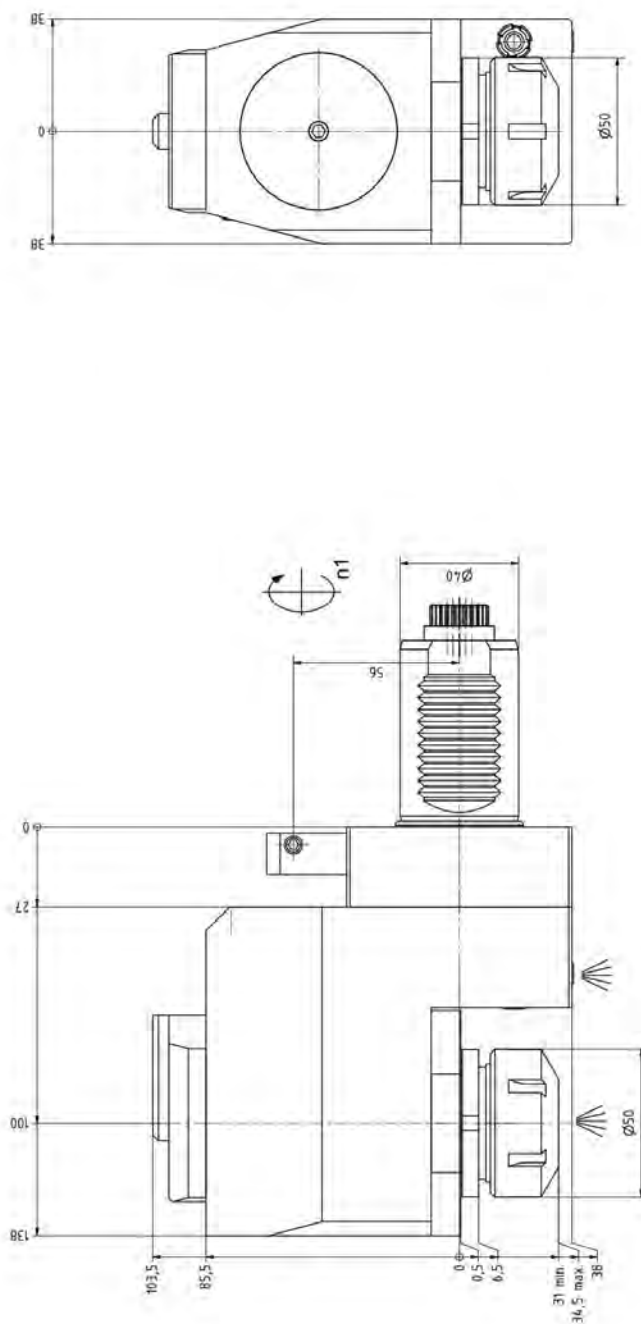
Bemerkung - Note Technische Daten - Technical data Weight $= 4.120 \text{ [kg]}$ Torque max. (M1/M2) = 50 / 50 [Nm] Speed max. (n1/n2) = 6000 / 6000 [1/min] Gear ratio (i1)n1:n2= 1:1	Bezeichnung - Title Axial Bohr und Fräskopf <i>Axial drilling and milling head</i>		
	EWS EWS Werkzeug GmbH & Co. KG Magdeburger Str. 10 06114 Berlin Tel. 030 2020 20 20 Fax 030 2020 20 20 E-Mail: info@ews.de Web: www.ews.de		
Technische Änderungen vorbehalten! Subject to technical modifications!		ZEHN - z1/z2 100574	DENT - D4NS-D04154
Nr. - No. 40.4032CTX		100574	

Radial drill. and mill. head offset

Pos.: 93

MNR: 113244

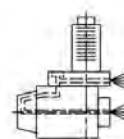
KTXT: 80.4032CTXRIKD



Spannzangenschlüssel
Clamping wrench
232



Hakenschlüssel
mit Nase
*Hook wrench with
nose end*
DIN1810 A 45x50

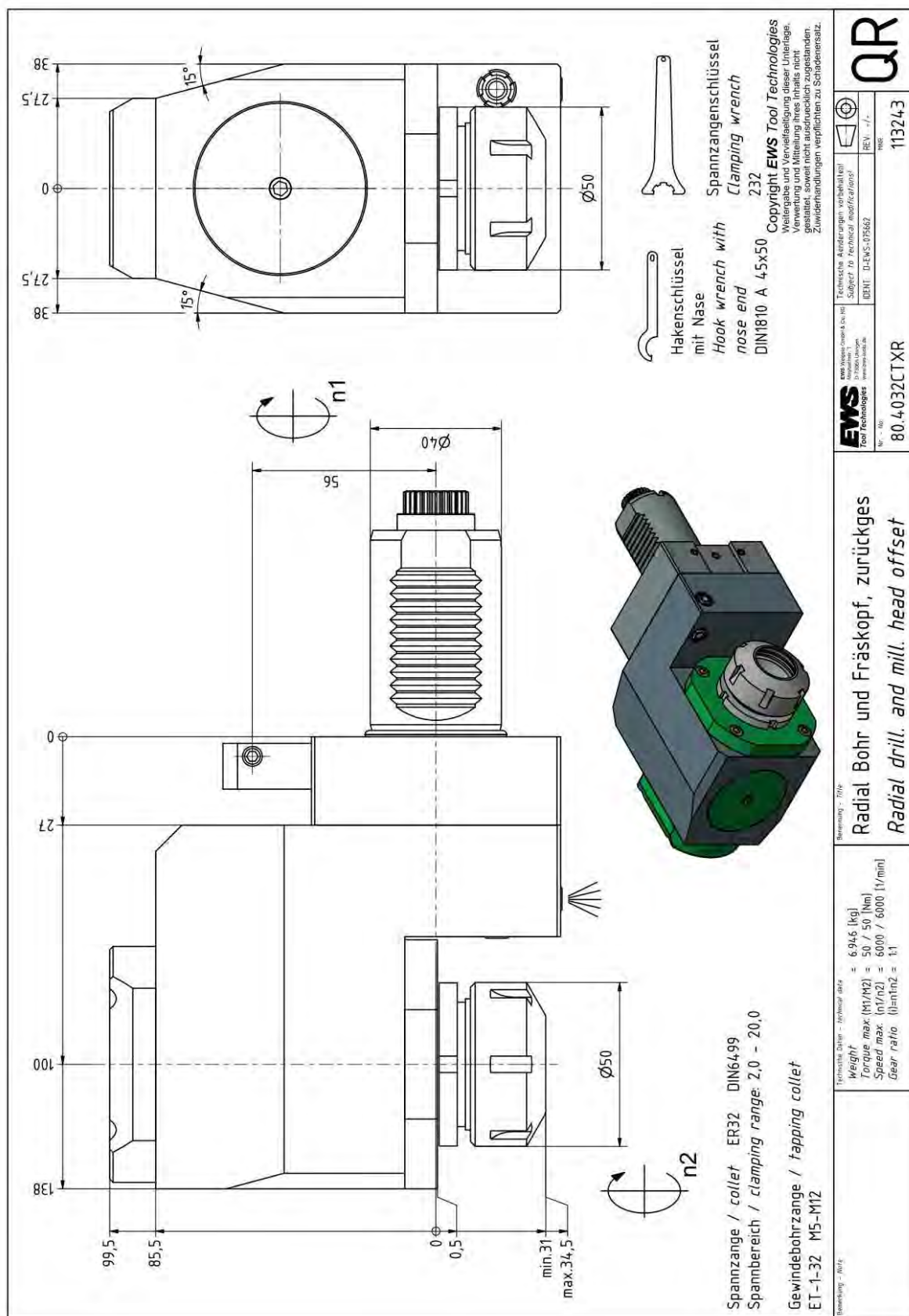


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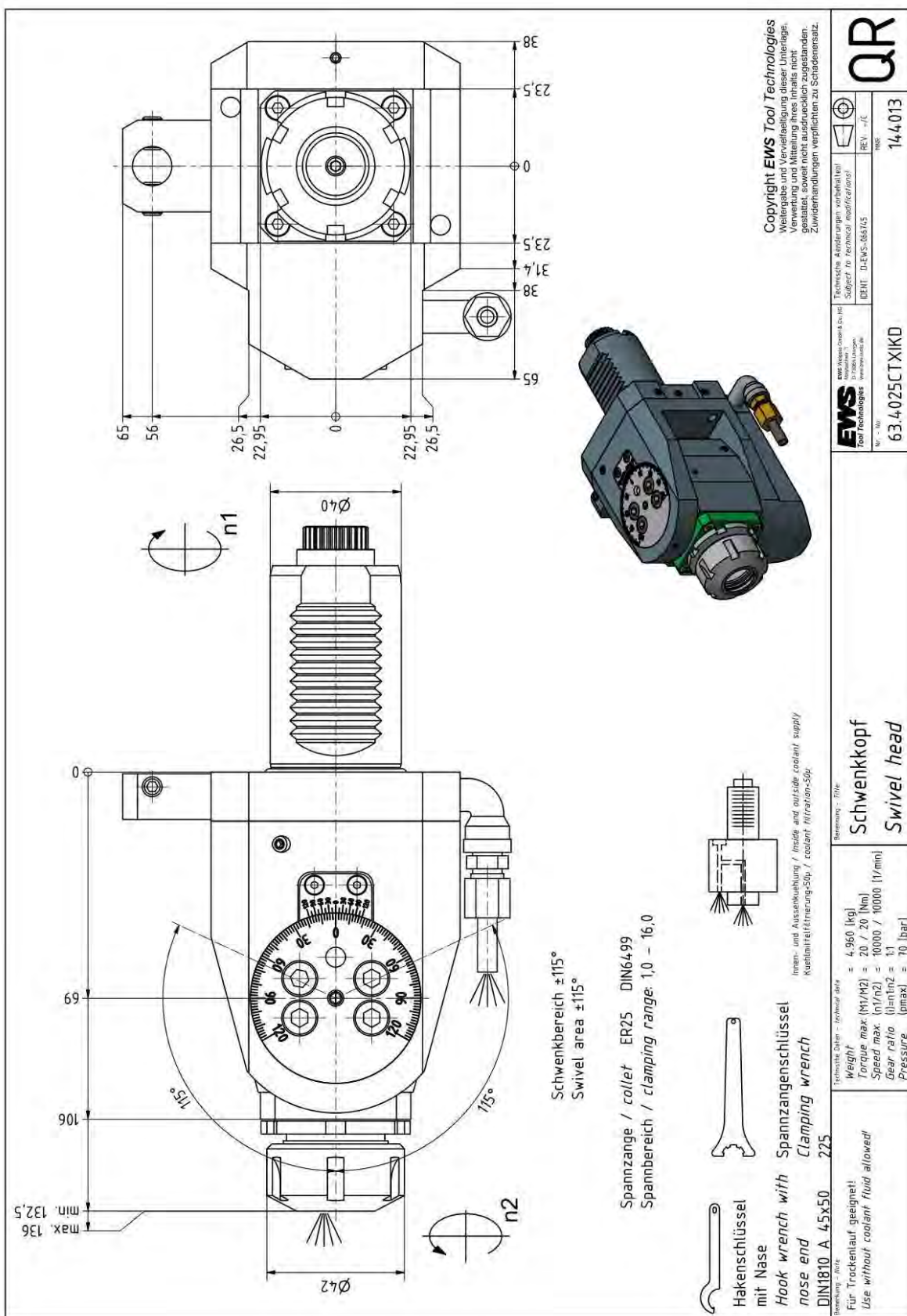
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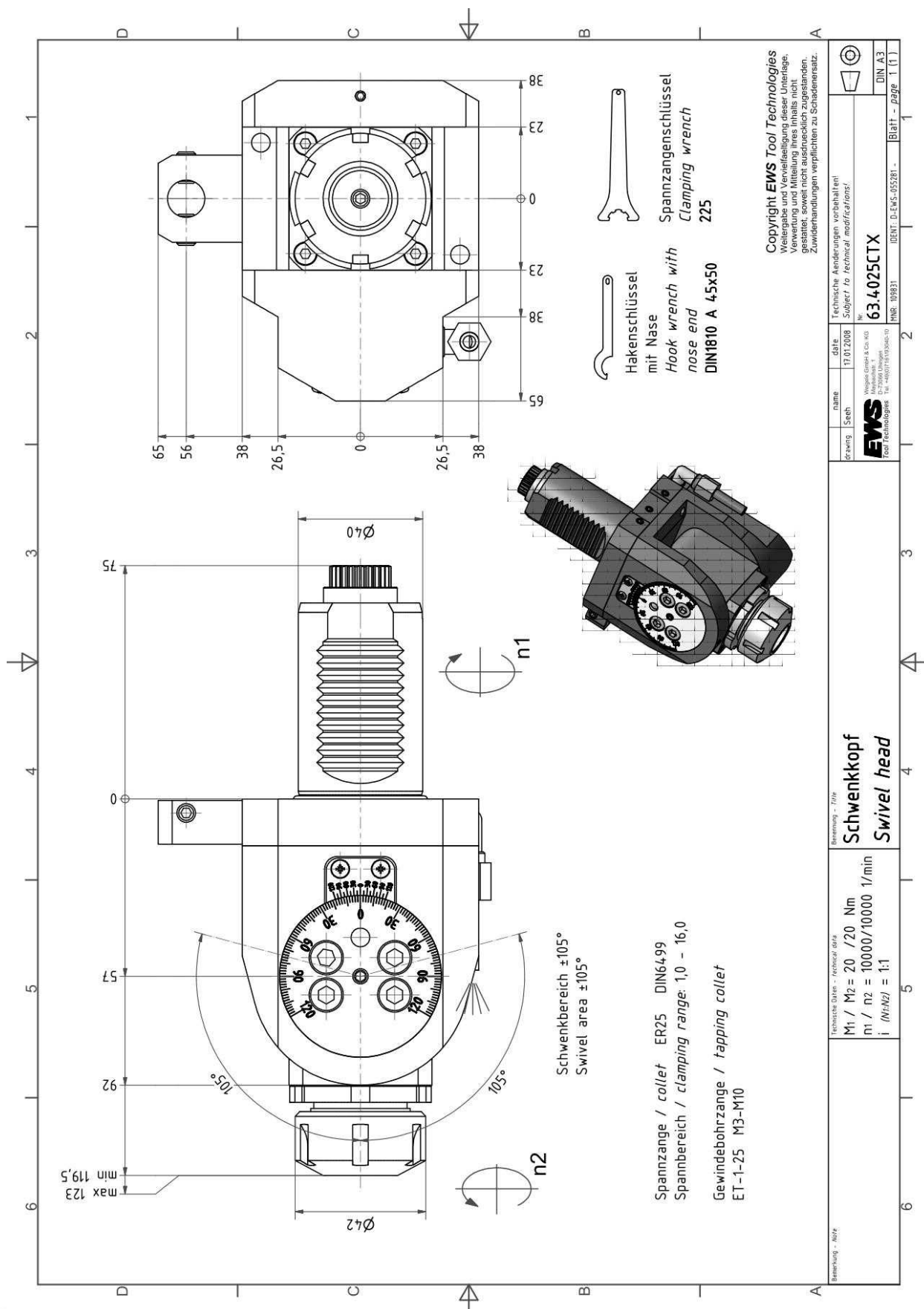


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KTX: 63.4025CTXIKD



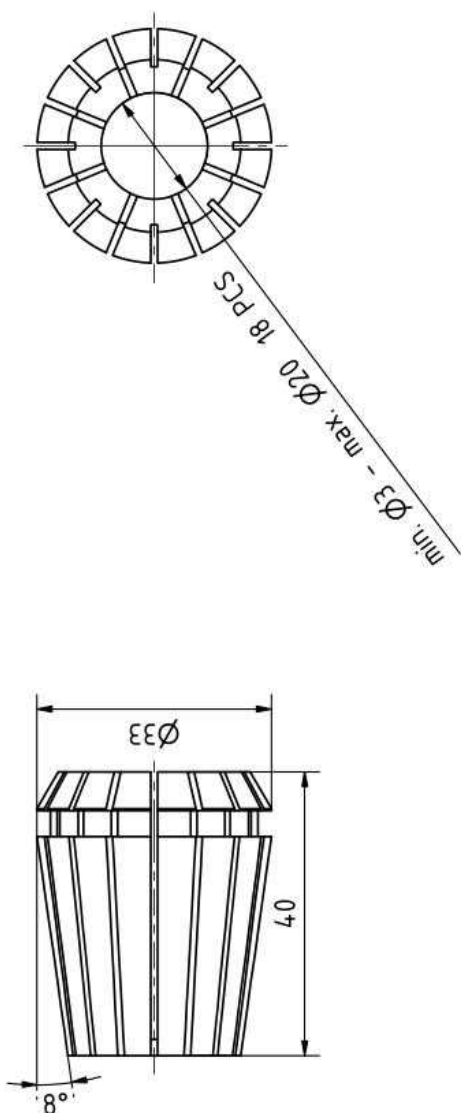
Swivel head

Pos.: 96
MNR: 109831
KTX: 63.4025CTX



Collet

Pos.: 100
MNR: 108809
KTX: BG-320 470E SATZ-Ø3-20



Rev.	Modification	Date	Name	Designed	Name	Date	Bezeichnung - Title
-/-	Neuanlage durch ms	08.07.13	MeAu	Checked	MeAu	08.07.2013	
				Released	MeAu	09.07.2013	
EWS Tool Technologies EWS Werkzeug GmbH & Co. KG Mühlstraße 1 D-73098 Ulm/Stein www.ews-tools.de							
							IDENT: D-EWS-135058
							REV: -/-
							MNR
							108809
							BG-320 470E SATZ-Ø3-20
							QR

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