

Precision meets Motion

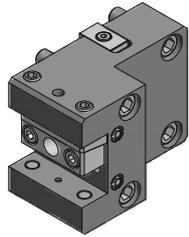


Werkzeugsysteme für Doosan PUMA 2100/2600/3100

Tool systems for Doosan PUMA 2100/2600/3100

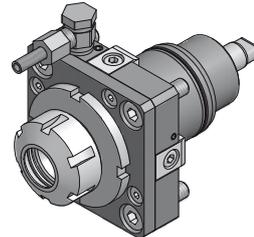
EWS
Tool Technologies

Inhaltsverzeichnis / Contents



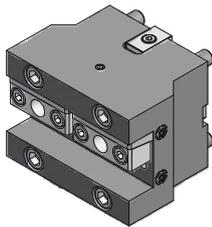
**Drehhalter /
Turning tool holder**

6.130.1



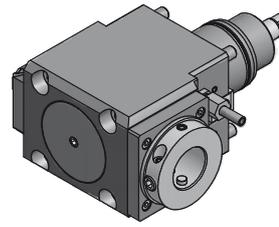
**Axial Bohr- und
Fräskopf /
Axial drilling and
milling head**

6.130.5 - 6.130.7



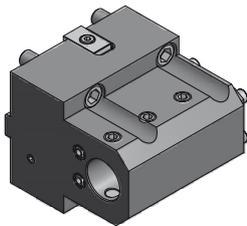
**Vierkant Quer-
aufnahme links/
Turning tool holder
left hand**

6.130.1



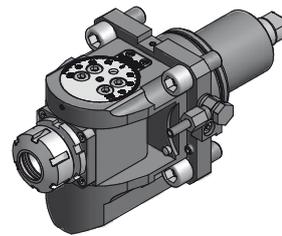
**Radial Bohr- und
Fräskopf /
Radial drilling and
milling head**

6.130.7 - 6.130.9



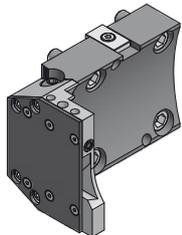
**Kombihalter/
Combi holder**

6.130.2 - 6.130.3



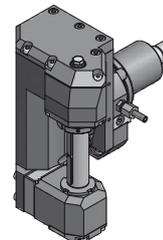
**Schwenkkopf /
Swivel head**

6.130.10



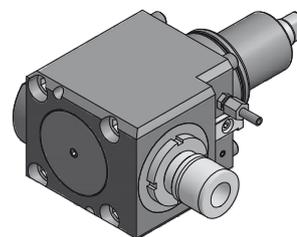
**Abstechhalter/
Infeed / Cut-off
tool holder**

6.130.4



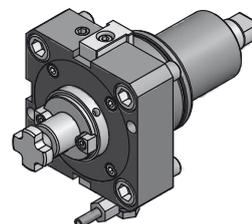
**Scheibenfräser-
kopf /
Radial saw milling
head**

6.130.10



**Linear-Nutstoß-
aggregat/
Push type slotter**

6.130.11

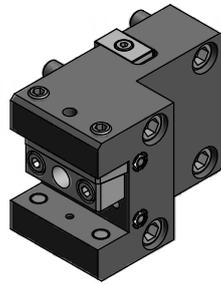
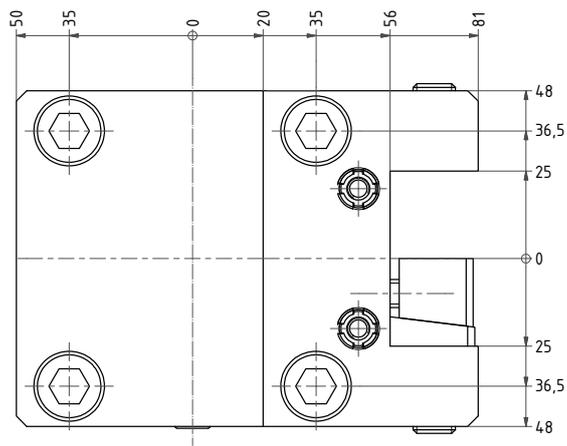
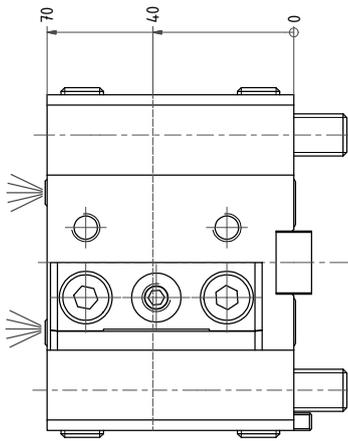


**Radial Gewinde-
bohrkopf /
Radial tapping
head**

6.130.11

Vierkant Längsaufnahme

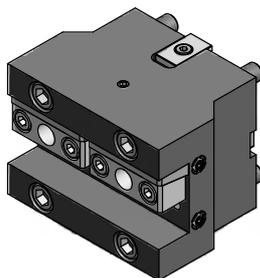
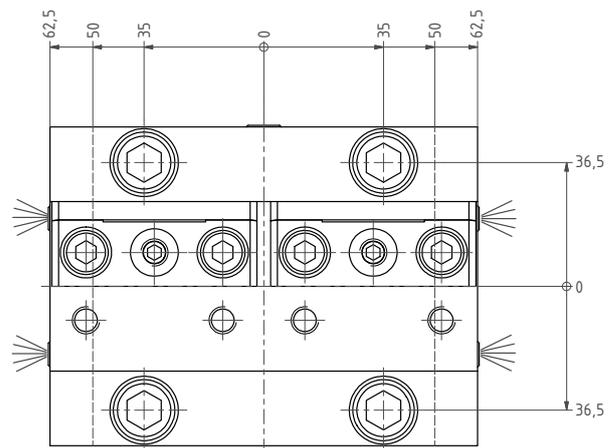
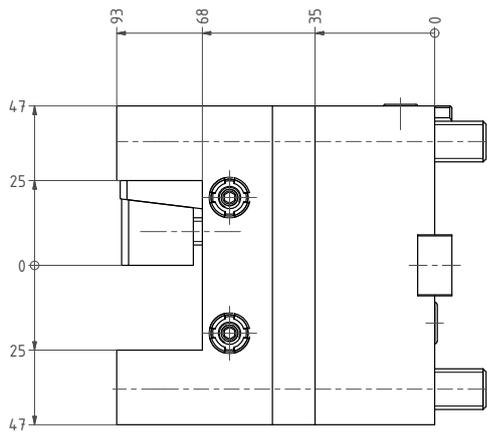
Turning holder



Nr./No.
4.BMT25P300X70

Vierkant Queraufnahme links

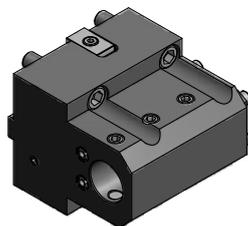
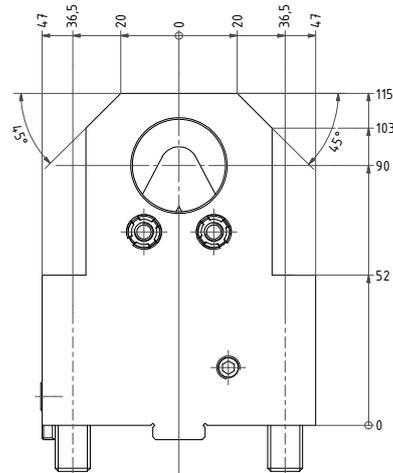
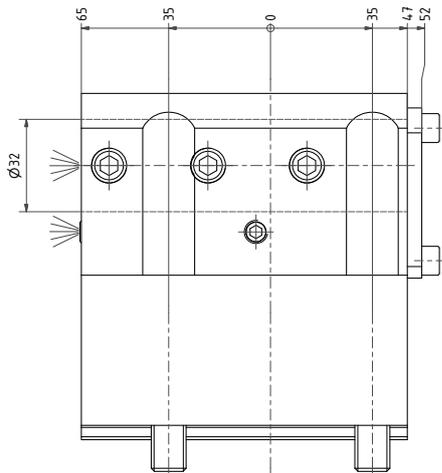
Turning tool. left hand



Nr./No.
8.BMT25SKT250

Kombihalter

Combi holder



**für Innen- und Außenkühlung /
for internal and external cooling**

Nr./No.
17.BMT32SKT250

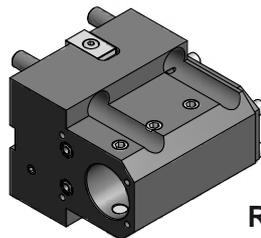
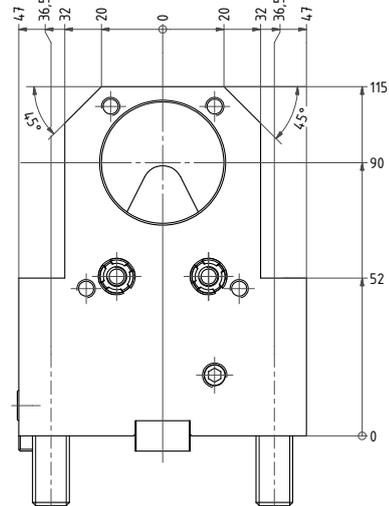
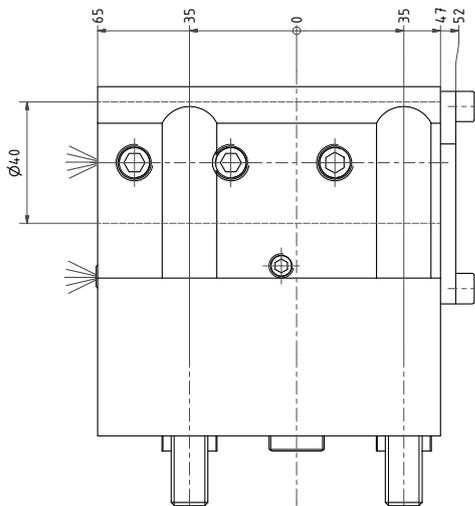
Reduzierhülsen / Reducing sleeves Ø 32

28.3225G200	Ø25	28.3210G200	Ø10
28.3220G200	Ø20	28.3208G200	Ø 8
28.3216G200	Ø16	28.3206G200	Ø 6
28.3212G200	Ø12		

andere Ø auf Anfrage / other Ø on request

Kombihalter

Combi holder



**für Innen- und Außenkühlung /
for internal and external cooling**

Nr./No.
17.BMT40SKT250

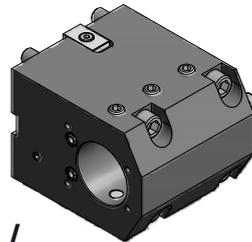
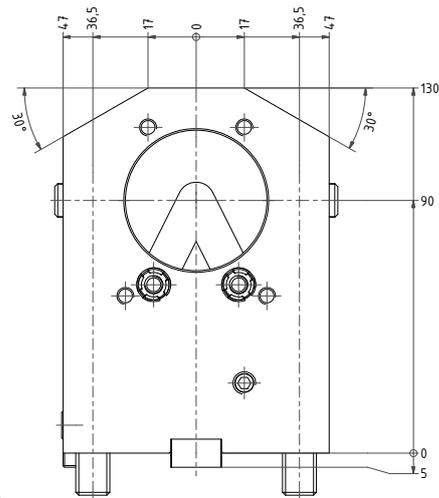
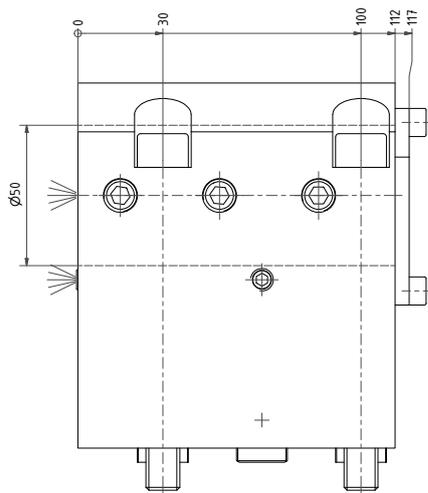
Reduzierhülsen / Reducing sleeves Ø 40

28.4032S	Ø32	28.4012S	Ø12
28.4025S	Ø25	28.4010S	Ø10
28.4020S	Ø20	28.4008S	Ø 8
28.4016S	Ø16		

andere Ø auf Anfrage / other Ø on request

Kombihalter

Combi holder



**für Innen- und Außenkühlung /
for internal and external cooling**

Nr./No.
17.BMT50SKT250

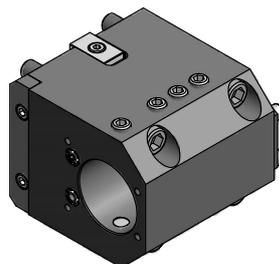
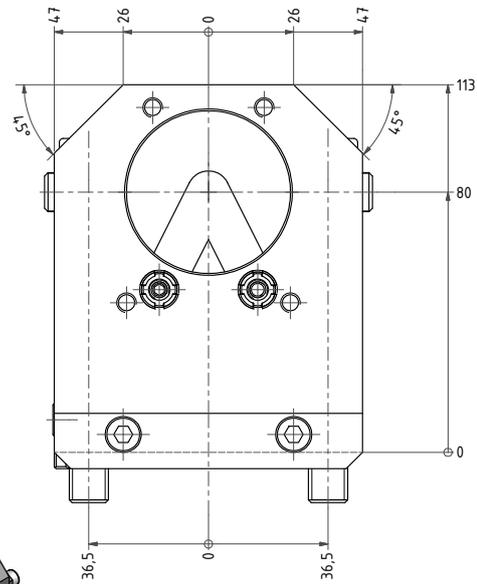
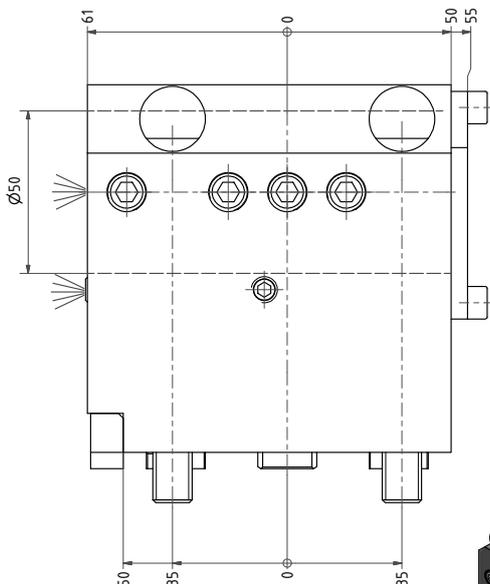
Reduzierhülsen / Reducing sleeves Ø 50

28.5040S	Ø40	28.5016S	Ø16
28.5032S	Ø32	28.5012S	Ø12
28.5025S	Ø25	28.5010S	Ø10
28.5020S	Ø20	28.5008S	Ø 8

andere Ø auf Anfrage / other Ø on request

Kombihalter

Combi holder



**für Innen- und Außenkühlung /
for internal and external cooling**

Nr./No.
17.BMT50HC09X80

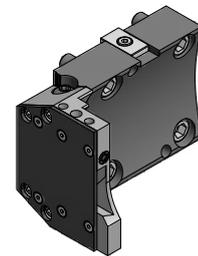
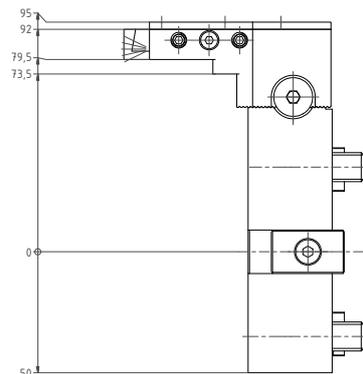
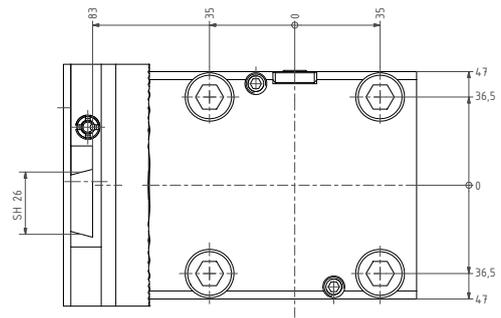
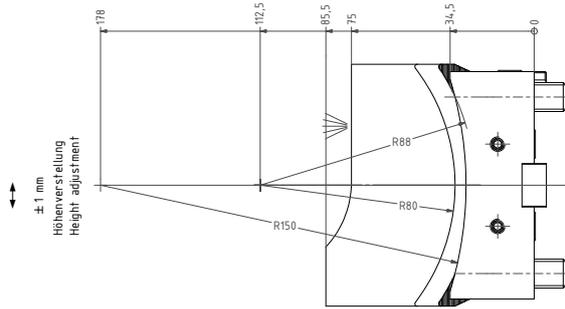
Reduzierhülsen / Reducing sleeves Ø 50

28.5040S	Ø40	28.5016S	Ø16
28.5032S	Ø32	28.5012S	Ø12
28.5025S	Ø25	28.5010S	Ø10
28.5020S	Ø20	28.5008S	Ø 8

andere Ø auf Anfrage / other Ø on request

Abstechhalter

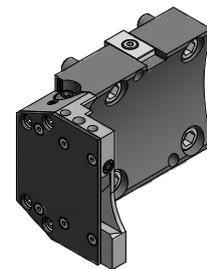
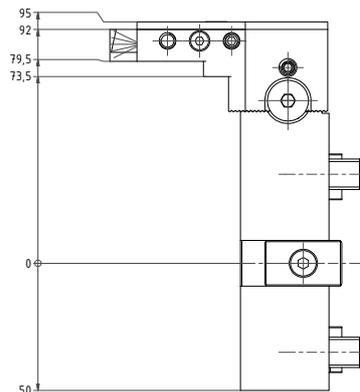
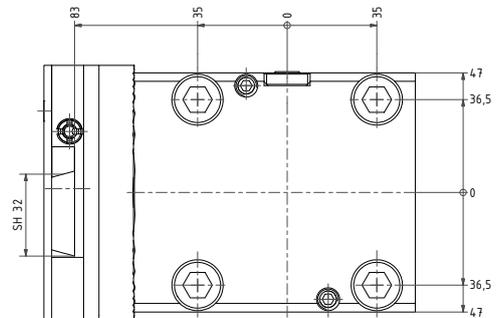
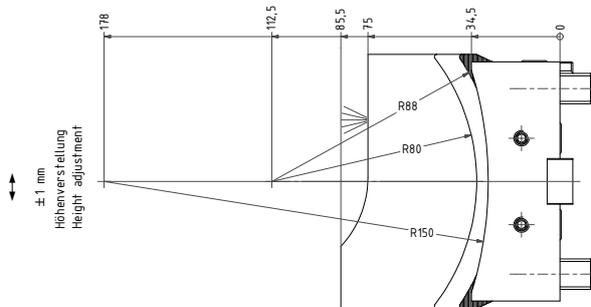
Infeed / Cut-off tool holder



Nr./No.
32.BMT26HC09

Abstechhalter

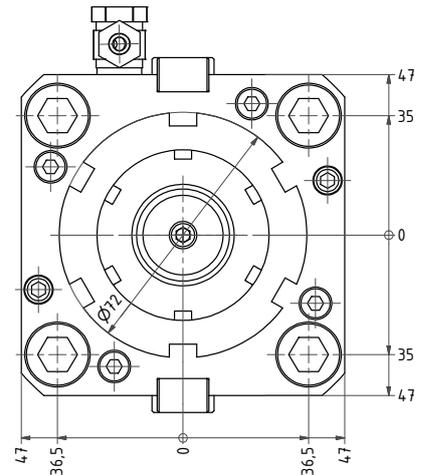
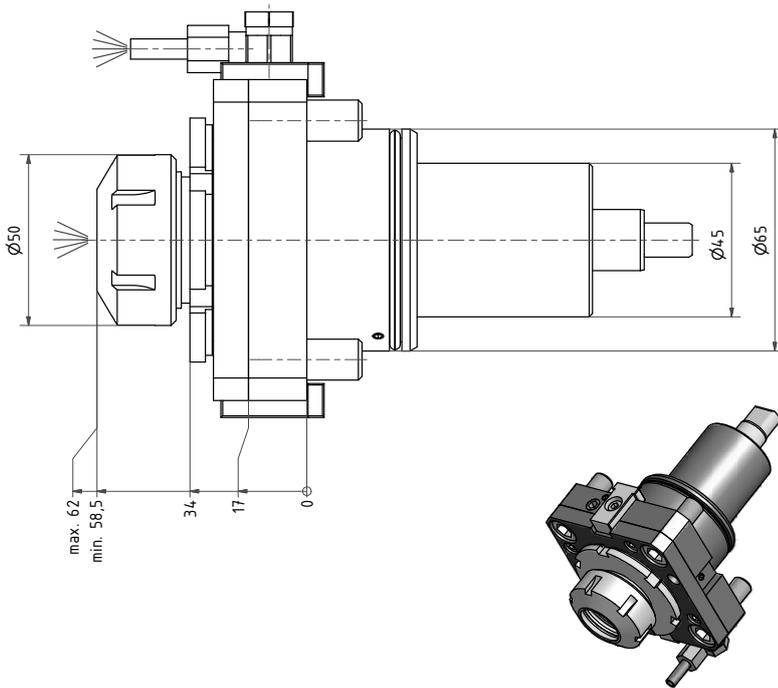
Infeed / Cut-off tool holder



Nr./No.
32.BMT32HC09

Axial Bohr- und Fräskopf

Axial drilling and milling head



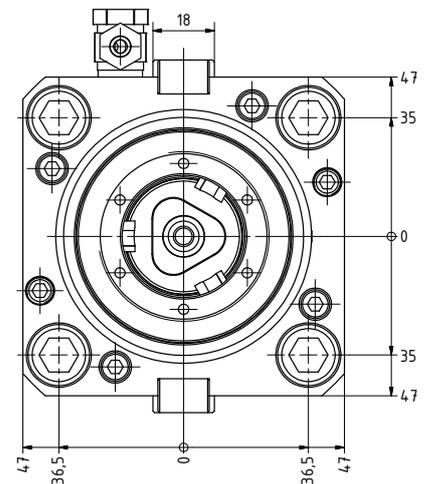
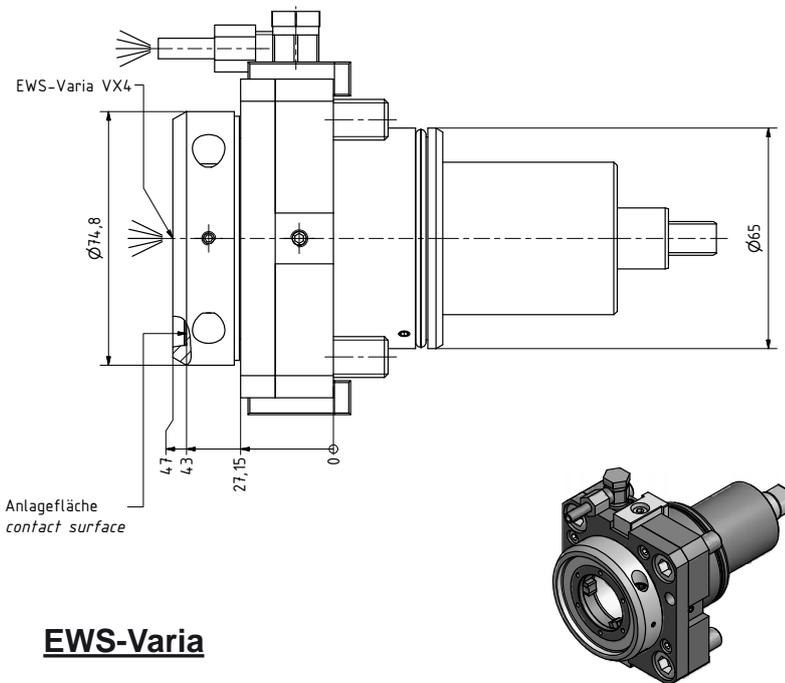
Spannzangenaufnahme / Collet chuck

IK = Innenkühlung
IK = internal cooling

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.65321809DW02	ER32 (3-20)	1:1	6000	50
40.65321809DW02IK	ER32 (3-20)	1:1	6000	50

Axial Bohr- und Fräskopf

Axial drilling and milling head



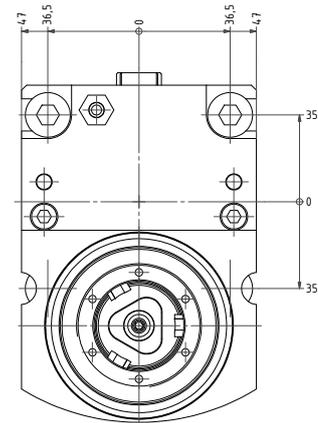
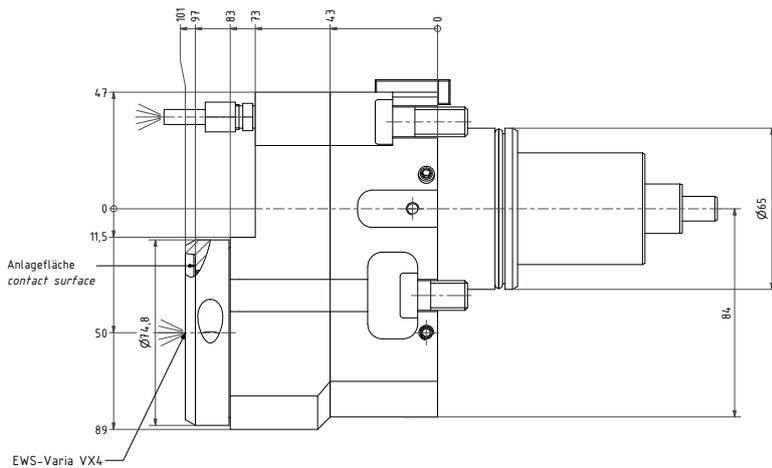
IK = Innenkühlung
IK = internal cooling

EWS-Varia

Nr. / No.	Varia	i	n _{max} 1/min	T _{max} Nm
40.65VX41809DW02	VX4	1:1	6000	25
40.65VX41809DW02IK	VX4	1:1	6000	25

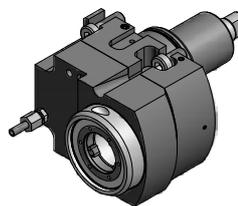
Axial Bohr und Fräskopf

Axial drilling and milling head



EWS-Varia

**für Innen- und Außenkühlung /
for internal and external cooling**



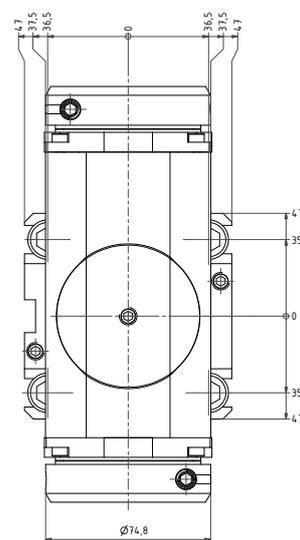
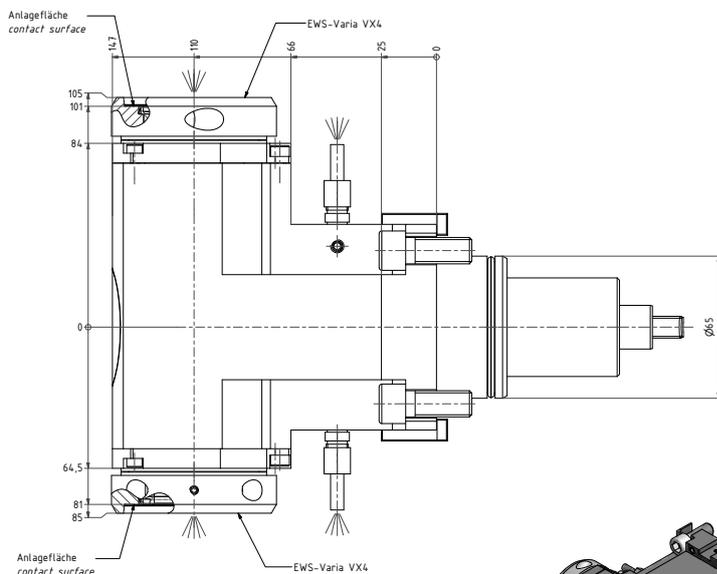
**IK = Innenkühlung
IK = internal cooling**

achsversetzt / offset

Nr. / No.	Varia	i	n _{max} 1/min	T _{max} Nm
50.65VX41809DW02IK	VX4	1:1	5000	50

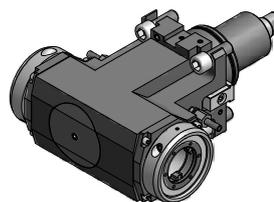
Radial Bohr- und Fräskopf

Radial drilling and milling head



EWS-Varia

**für Innen- und Außenkühlung /
for internal and external cooling**



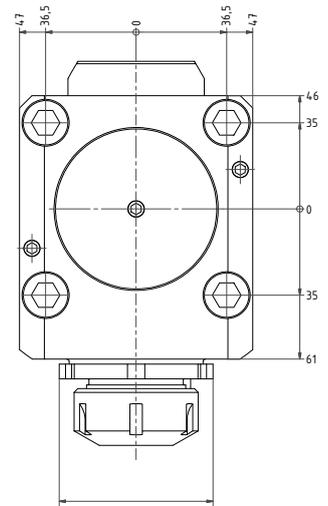
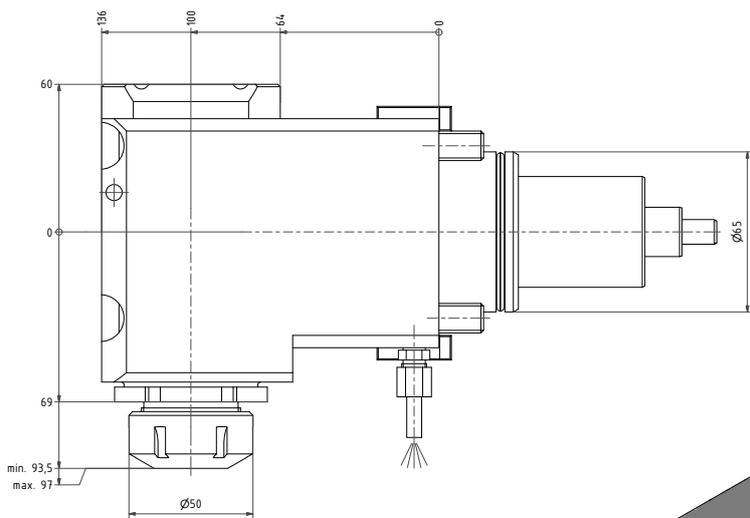
**IK = Innenkühlung
IK = internal cooling**

**doppelseitig /
double sided**

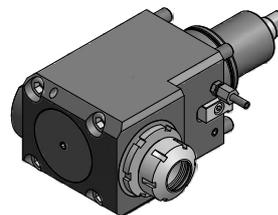
Nr. / No.	Varia	i	n _{max} 1/min	T _{max} Nm
60.65VX4D1809DW02IKX100	VX4	1:1	6000	50

Radial Bohr- und Fräskopf

Radial drilling and milling head



Spannzangenaufnahme / Collet chuck

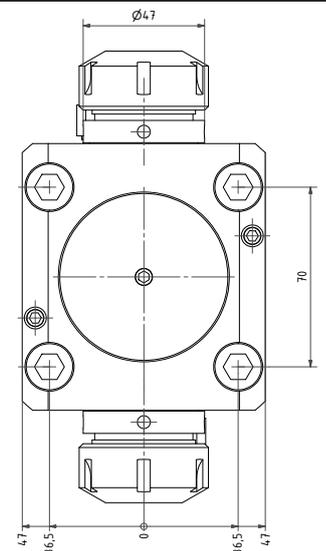
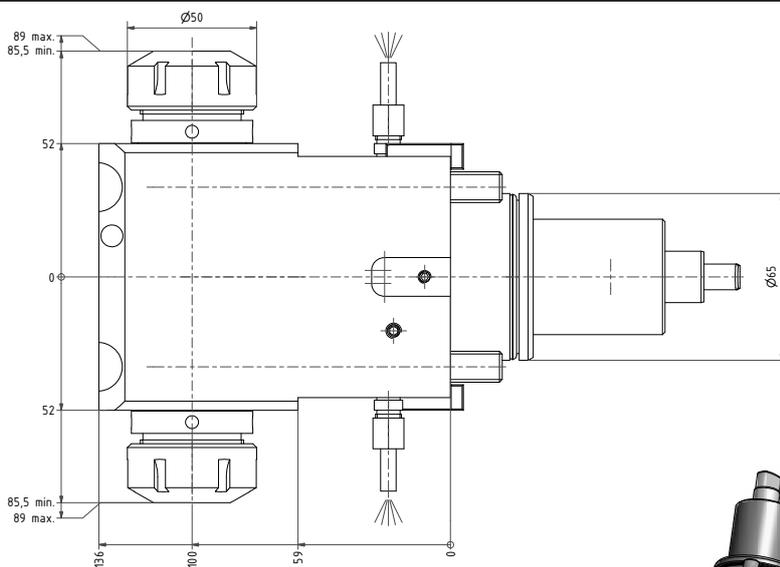


**IK = Innenkühlung
IK = internal cooling**

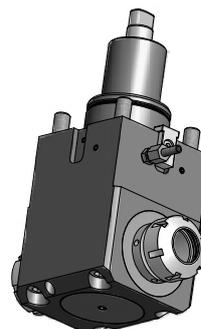
Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
60.65321809DW02I1X100	ER32 (3-20)	1:2	10000	25
60.65321809DW02IK11X100	ER32 (3-20)	1:2	10000	25

Radial Bohr- und Fräskopf

Radial drilling and milling head



Spannzangenaufnahme / Collet chuck

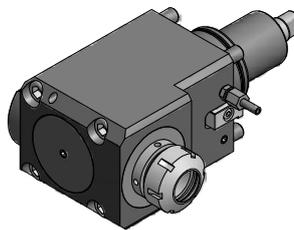
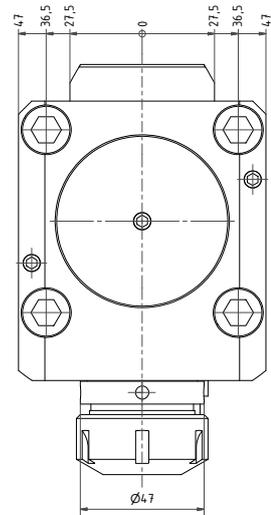
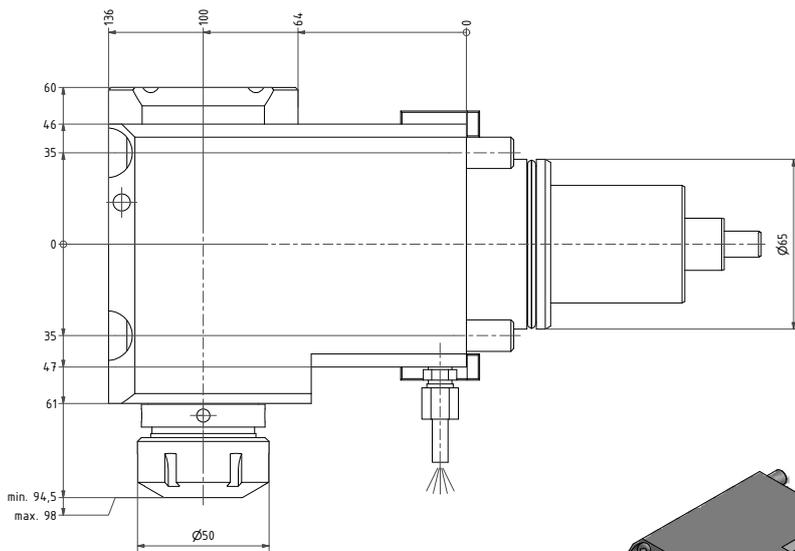


doppelseitig / double sided

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
60.6532D1809DW02X100	ER32 (3-20)	1:1	6000	50

Radial Bohr- und Fräskopf

Radial drilling and milling head

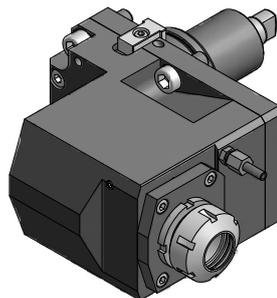
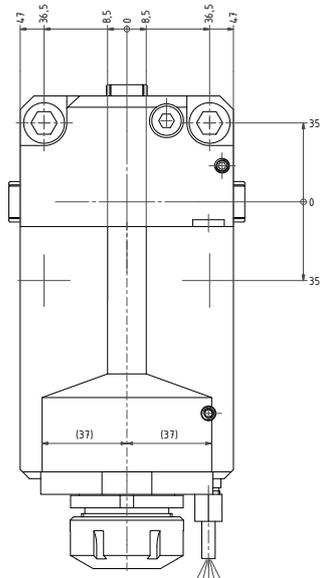
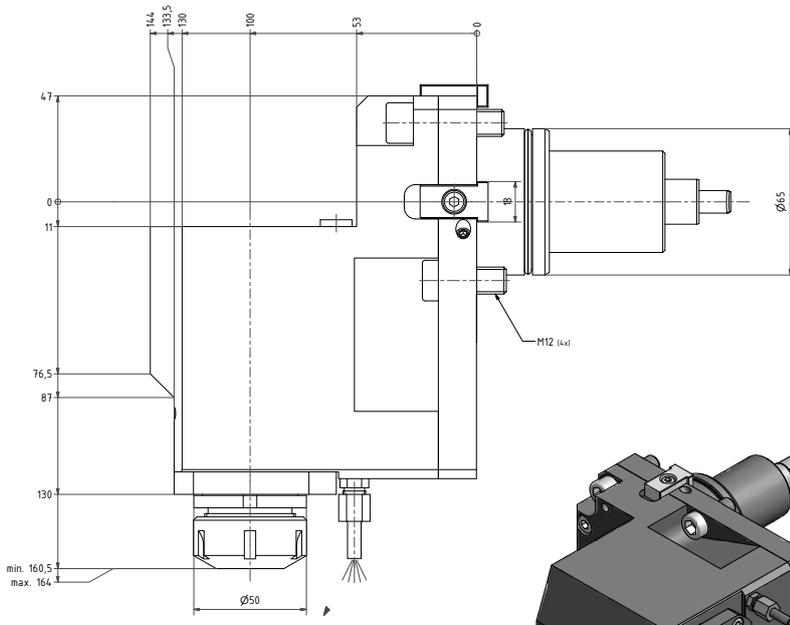


Spannzangenaufnahme / Collet chuck

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
60.65321809DW02GLX100	ER32 (3-20)	1:1	6000	50

Radial Bohr- und Fräskopf

Radial drilling and milling head



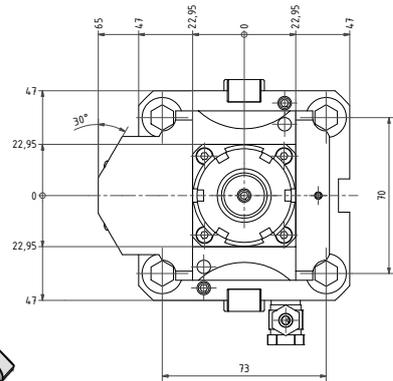
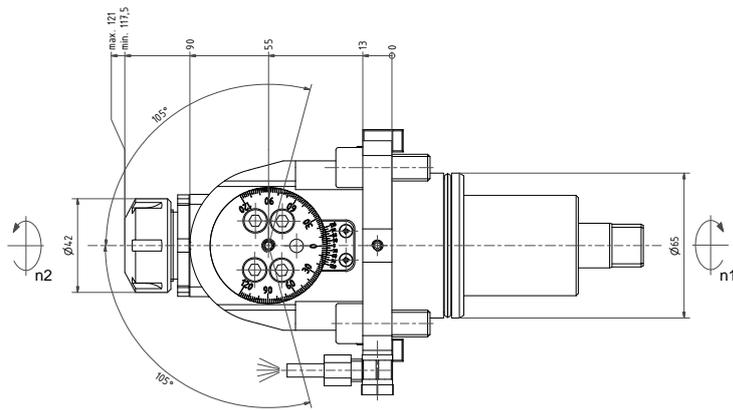
zurückgesetzt/ offset

KR = Kegelrollenlager
KR = Taper roller bearing

Nr. / No.	i	n _{max} 1/min	T _{max} Nm
80.6532KR1809DW02I3X100Z165	1:1	6000	50

Schwenkkopf

Swivel head



Spannzange / collet ER25 DIN6499
Spannbereich / clamping range: 1.0 - 16.0

Gewindebohrzange / tapping collet
ET-1-25 M3-M10

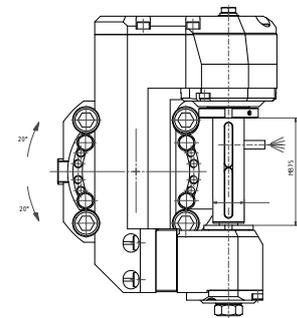
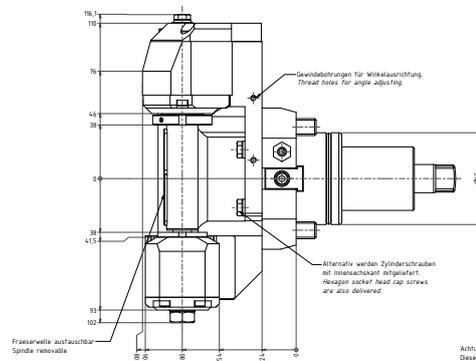
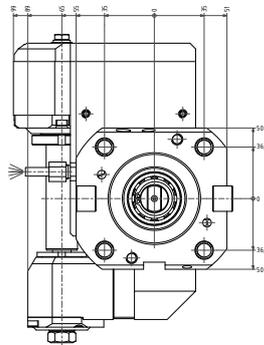
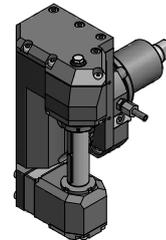
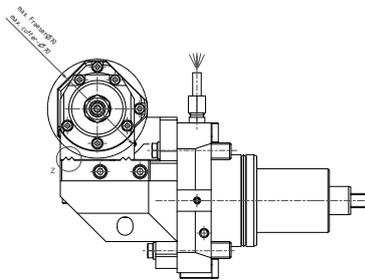
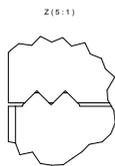


Spannzangenaufnahme / Collet chuck

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
63.65251809DW02	ER32 (3-20)	1:1	6000	20

Scheibenfräserkopf

Radial saw milling head



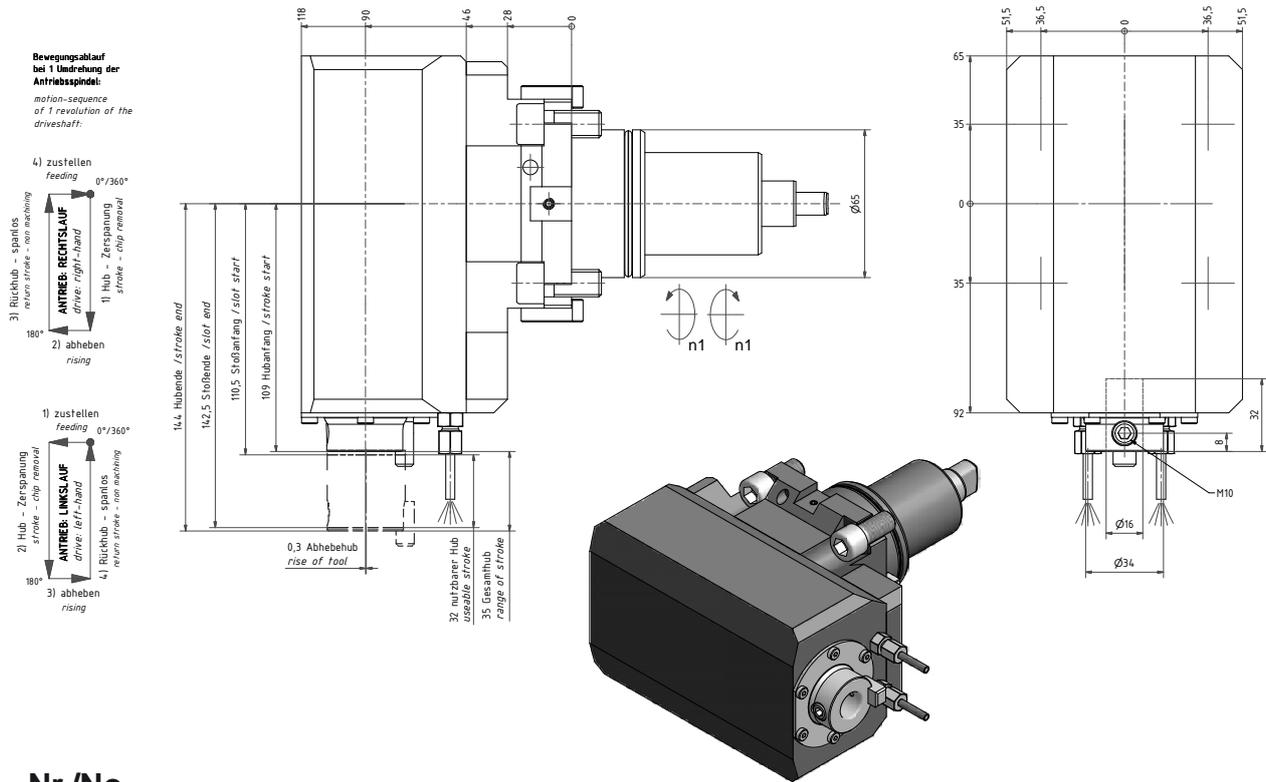
Achtung/Laufen:
Dieses Werkzeug kann nur in der 0°-Position
montiert und demontiert werden, wie gezeigt.
Sollt es eine Winkelverstellung notwendig sein,
wenn das Werkzeug bereits auf der Maschine montiert ist.
This tool can only be mounted and remounted
in 0° position. See drawing.
So, angle adjustment is only possible, when this tool
is already mounted on the machine!

mit Regelvorlage
with kern roller-leadership

Nr. / No.	i	n _{max} 1/min	T _{max} Nm
64.65221809DW02I2TKWZ65MB75	2:1	3000	40

Linear-Nutstoßaggregat

Push type slotter

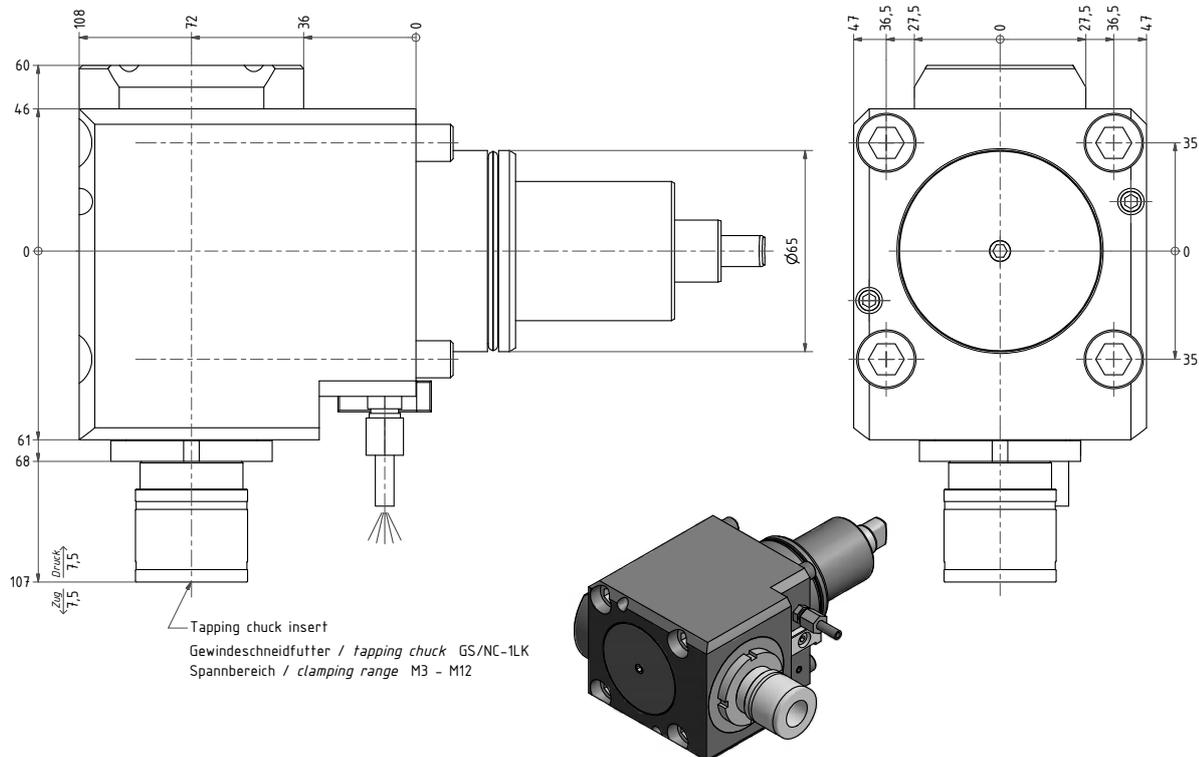


Nr./No.

69.6516WN1809DW02X90

Radial Gewindebohrkopf

Radial tapping head



Nr. / No.	i	n _{max} 1/min	T _{max} Nm
61.65121809DW02GL	1:1	6000	50



EWS Weigele GmbH & Co. KG

Maybachstraße 1 · D-73066 Uhingen
Telefon +49(0)7161-93040-100
Telefax +49(0)7161-93040-30
E-Mail: info@ews-tools.de
www.ews-tools.de

WSW Spannwerkzeuge-Vertriebs GmbH

Maybachstr. 1 · D-73066 Uhingen
Telefon +49(0)7161-93040-100
Telefax +49(0)7161-93040-30
E-Mail: info@wsw-collets.de
www.wsw-collets.de

Command Tooling Systems

13931 Sunfish Lake Blvd NW
Ramsey · MN 55303 USA
Telefon +1-763-576-6910
Telefax +1-763-576-6911
support@commandtool.com
www.commandtool.com

EWS Korea Co. Ltd.

60-11 · Woongnam-Dong
Changwon
Kyoung-Nam Korea
Telefon +82 55-267-8085
Telefax +82 55-262-3118
E-Mail: info@ewskorea.co.kr
www.ewskorea.co.kr

EWS Ltd.

Krassnaja str., 38
600015 Vladimir
Russland
Telefon +7-4922-541160
Telefax +7-4922-541160
E-Mail: info@ews-rusland.ru
www.ews-rusland.ru

Stand / updated: 12/2013

