

Precision meets Motion

NEWS



EWS.Swiss Tools

für STAR und CITIZEN Maschinen
for STAR and CITIZEN machines

EWS
Tool Technologies

EWS.Swiss Tools

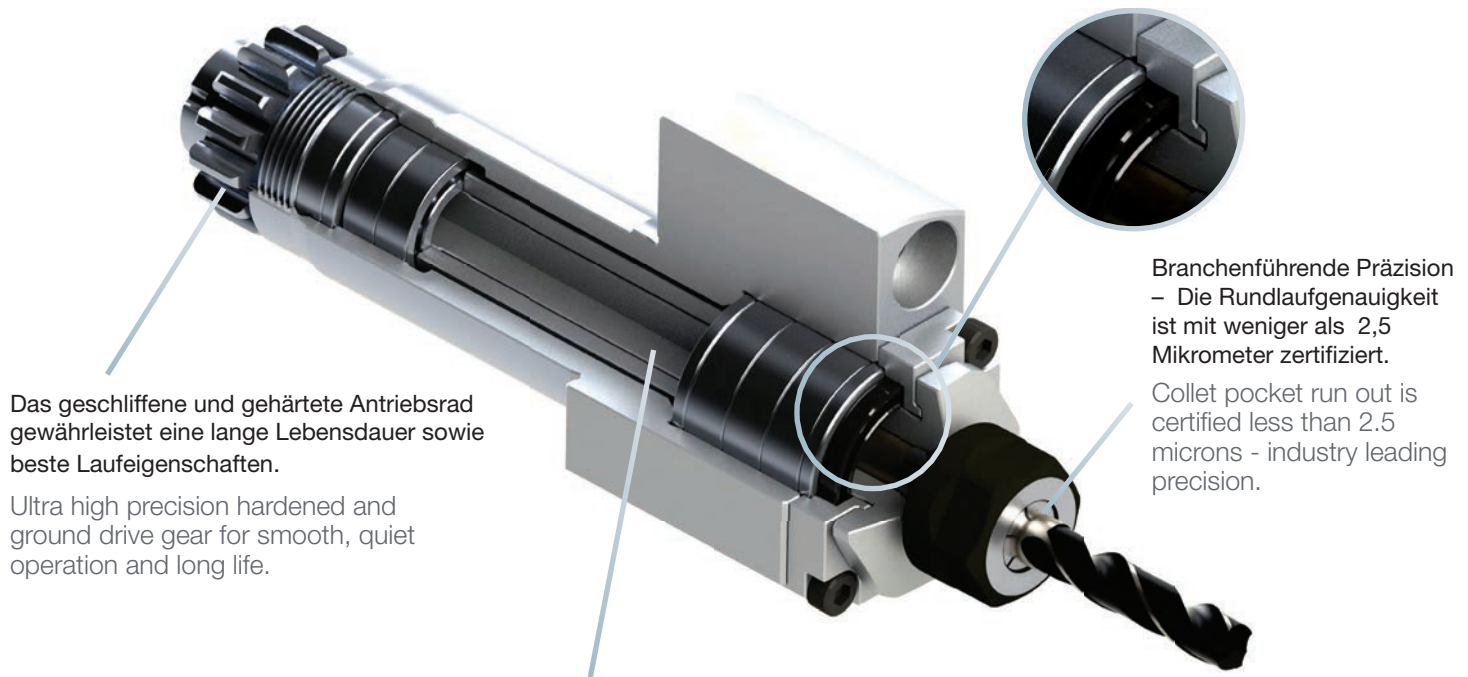
für STAR und CITIZEN Maschinen for STAR and CITIZEN machines

Eigenschaften / Product Features

- Hochpräzise Lagerung / High precision bearings
- Innovative Dichtungstechnik / innovative sealing technology
- Spindelrundlauf < 3µ / Spindle concentricity < 3µ
- Permanentlauf getestet / Durable construction
- Wartungsfrei / Maintenance free

Der Flansch schützt Lagerung und Dichtung vor Schmutz und stellt somit einen elementaren Bestandteil der Spindel dar.

Oversized flange is integral to the spindle, providing debris protection for the front seal and bearings.



Das geschliffene und gehärtete Antriebsrad gewährleistet eine lange Lebensdauer sowie beste Laufeigenschaften.

Ultra high precision hardened and ground drive gear for smooth, quiet operation and long life.

Branchenführende Präzision
– Die Rundlaufgenauigkeit ist mit weniger als 2,5 Mikrometer zertifiziert.

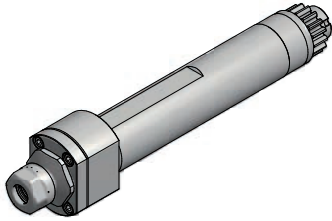
Collet pocket run out is certified less than 2.5 microns - industry leading precision.

Die Axialspindel wird aus S7 Werkzeugstahl gefertigt und ist daher besonders beständig. Wettbewerber verwenden in der Regel Stahl einer niedrigeren Besoldungsgruppe.

Axial spindle is manufactured utilizing S7 tool steel, providing superior strength, rigidity, and abrasion resistance. Competitive product typically uses lower grade alloy steel.

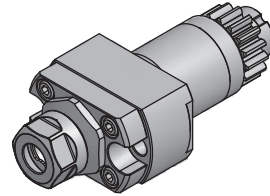
Inhaltsverzeichnis / Contents

CITIZEN



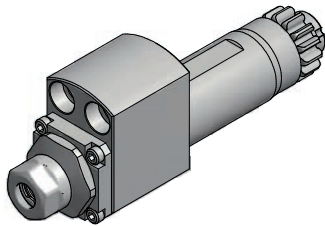
40.CIT12-GSC607
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.1



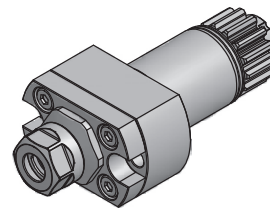
40.CIT12-GSC1107
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.3



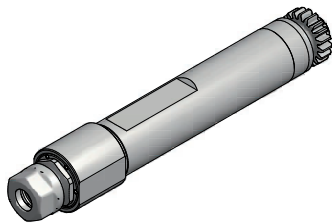
40.CIT12-GSC907
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.1



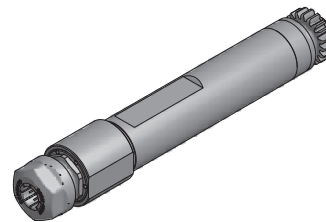
40.CIT12-GSE307
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.4



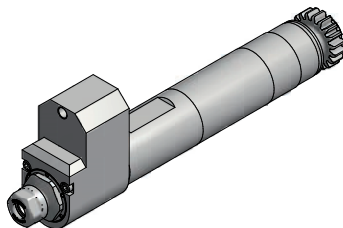
40.CIT16-GSC510
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.2



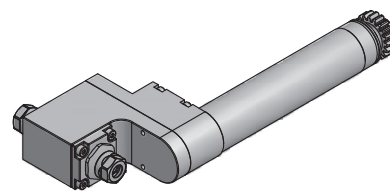
40.CIT20-LCA1C2001
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.4



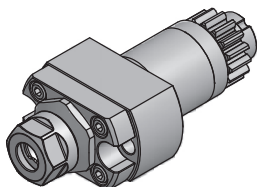
40.CIT1213-GSC510-3X
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.2



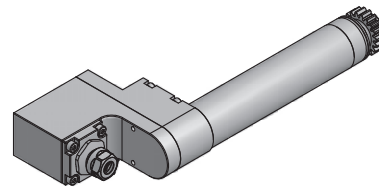
80.CIT12D-GSE306-DE011
Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

1.5



40.CIT12-GSC807
Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

1.3



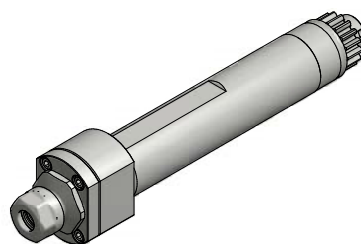
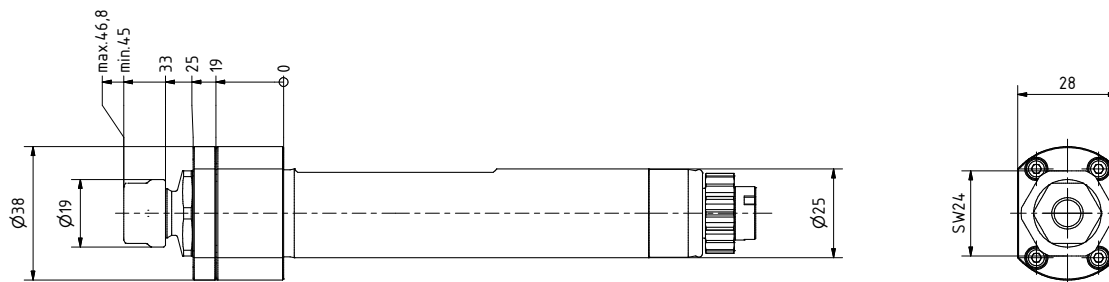
80.CIT12-GSE306-L520
Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

1.5



Axial Bohr und Fräskopf
CITIZEN

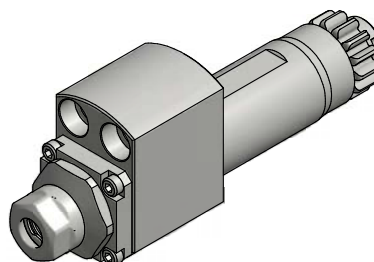
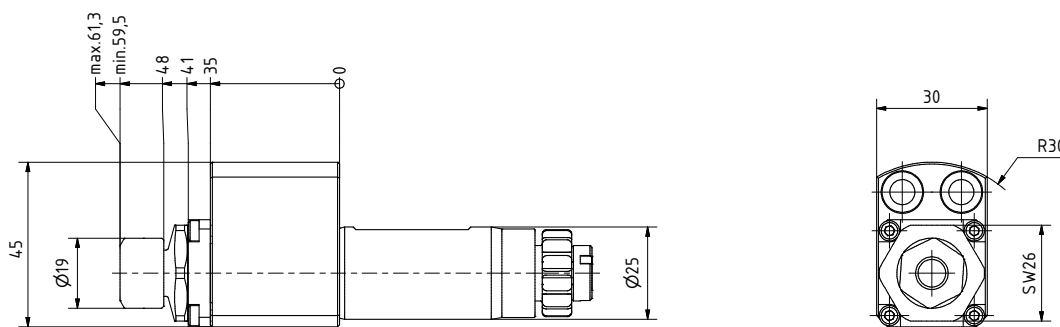
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12-GSC607	ER11 (1-7)	1:1	9000	10

Axial Bohr und Fräskopf
CITIZEN

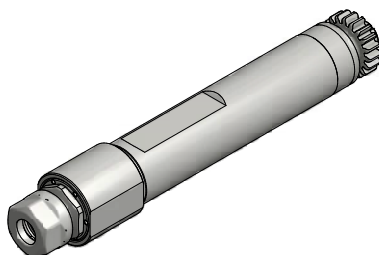
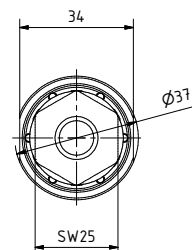
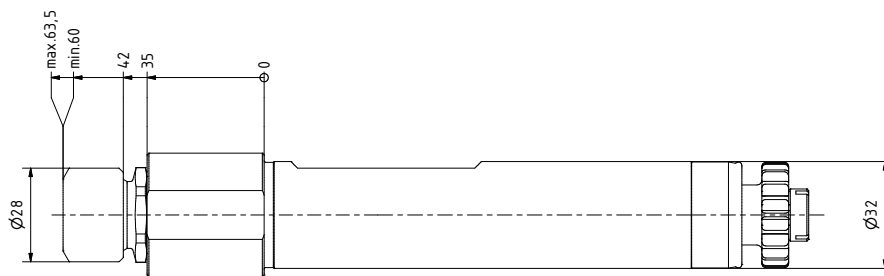
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12-GSC907	ER11 (1-7)	1:1	9000	10

Axial Bohr und Fräskopf
CITIZEN

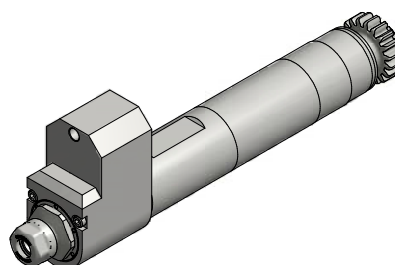
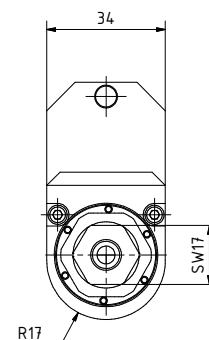
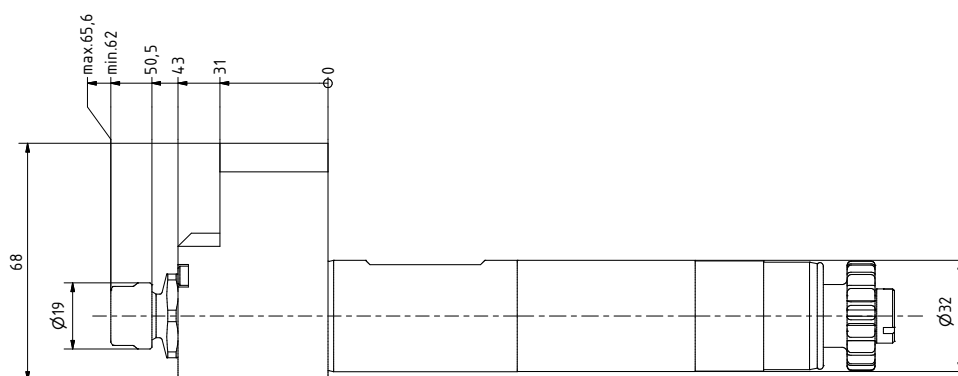
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT16-GSC510	ER16 (1-10)	1:1	9000	25

Axial Bohr und Fräskopf
CITIZEN

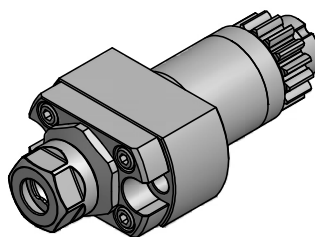
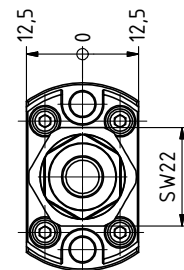
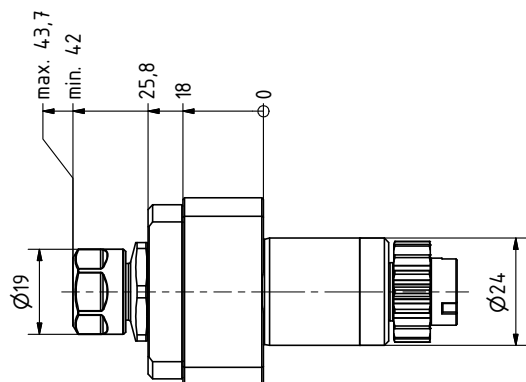
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12I3-GSC510-3X	ER11 (1-7)	3:1	2000	60

Axial Bohr und Fräskopf
CITIZEN

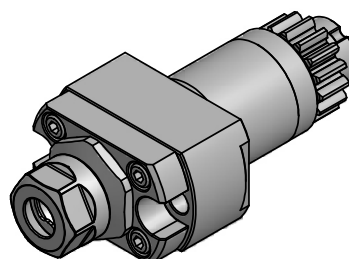
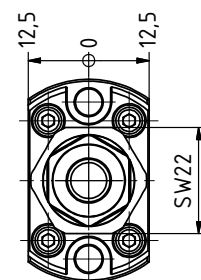
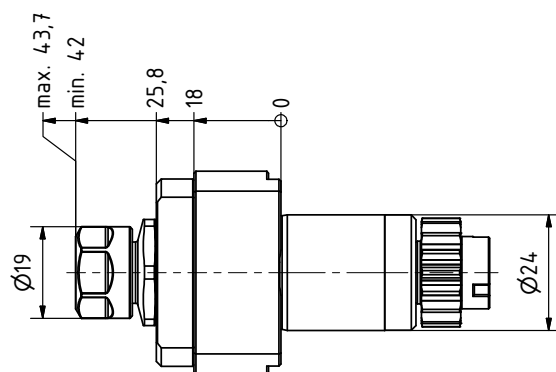
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12-GSC807	ER11 (1-7)	1:1	6000	16

Axial Bohr und Fräskopf
CITIZEN

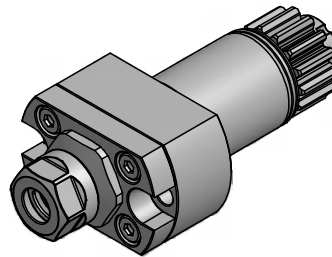
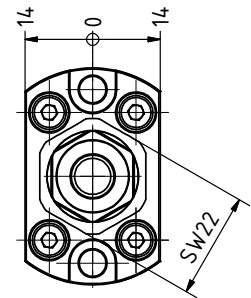
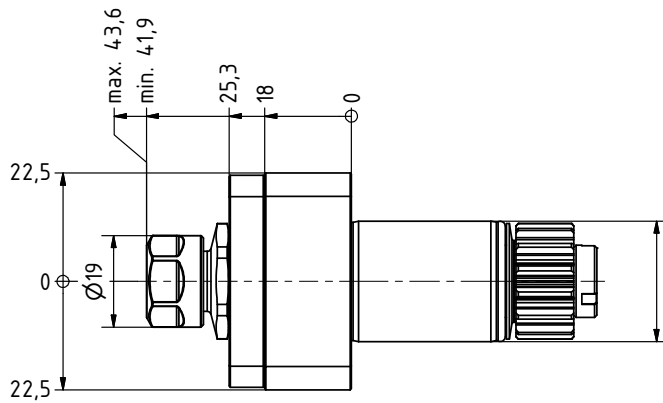
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12-GSC1107	ER11 (1-7)	1:1	6000	16

Axial Bohr und Fräskopf
CITIZEN

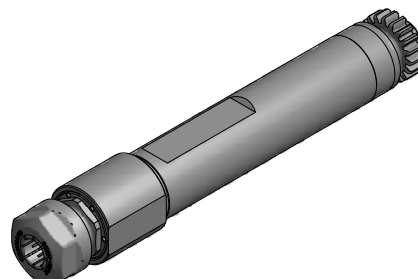
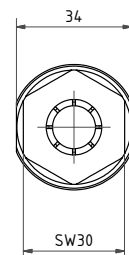
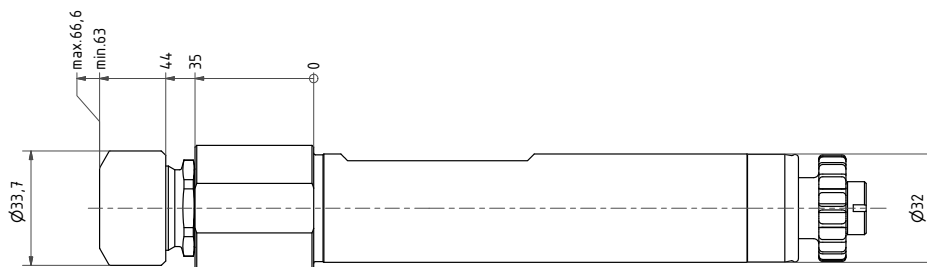
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT12-GSE3307	ER11 (1-7)	1:1	6000	16

Axial Bohr und Fräskopf
CITIZEN

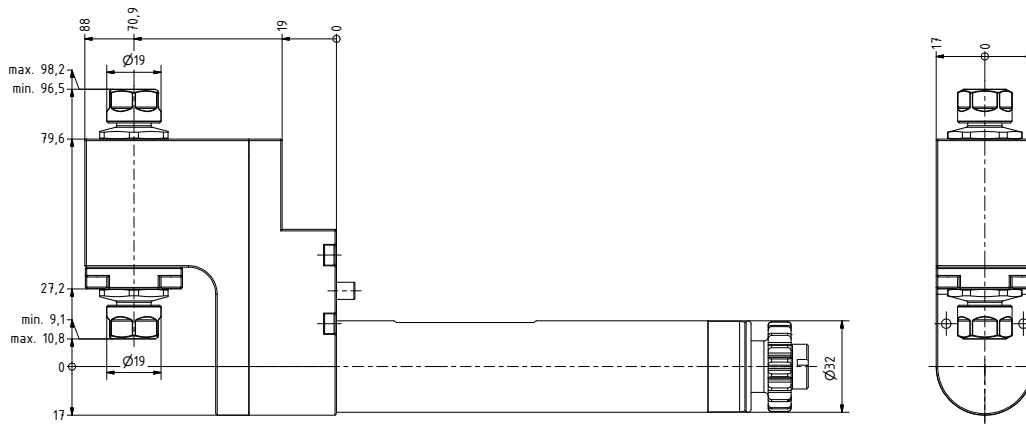
Axial drilling and milling head
CITIZEN



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.CIT20-LCA1C2001	ER20 (2-13)	1:1	8000	25

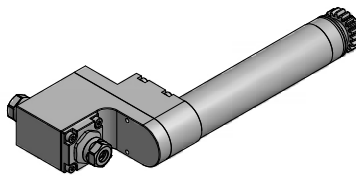
Radial Bohr und Fräskopf
CITIZEN

Radial drilling and milling head
CITIZEN



zurückgesetzt/ offset

doppelseitig /
double sided



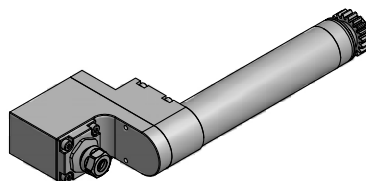
Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.CIT12D-GSE306-DE011	ER11 (1-7)	1:1	6000	16

Radial Bohr und Fräskopf
CITIZEN

Radial drilling and milling head
CITIZEN



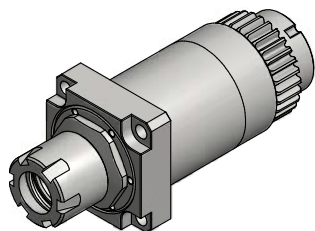
zurückgesetzt/ offset



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.CIT12-GSE306-L520	ER11 (1-7)	1:1	6000	16

Inhaltsverzeichnis / Contents

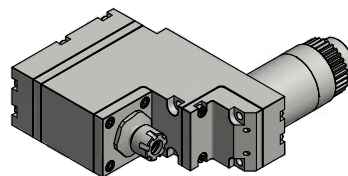
STAR



40.STAR16-33150

Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

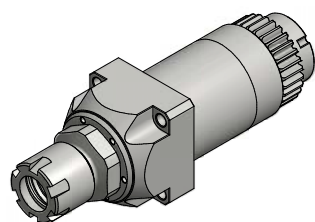
1.6



80.STAR12-57157

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

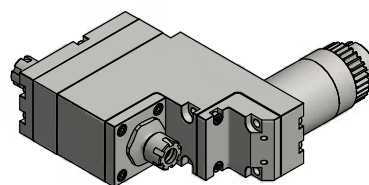
1.9



40.STAR16-57155

Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

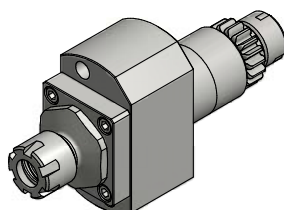
1.6



80.STAR12D-57156

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

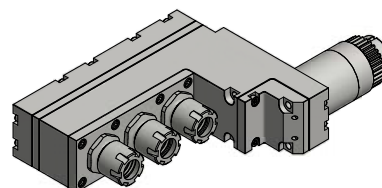
1.9



40.STAR12-54161

Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

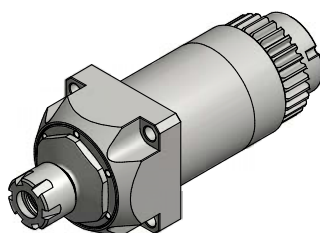
1.7



80.STAR16TX-66151

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

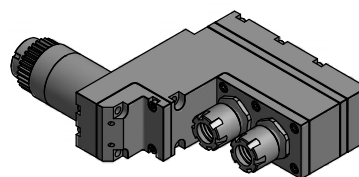
1.10



40.STAR12-57163

Axial Bohr- und
Fräskopf /
Axial drilling and
milling head

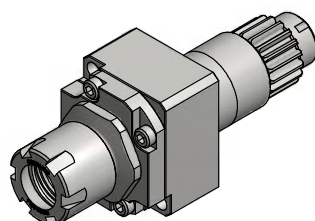
1.7



80.STAR16DX-54151

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

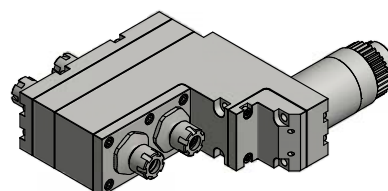
1.10



40.STAR16-0R161

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

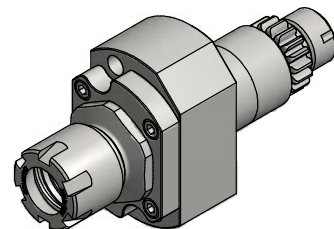
1.8



80.STAR12QX-66159

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

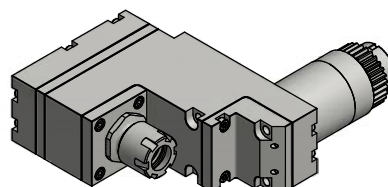
1.11



40.STAR16-57161

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

1.8



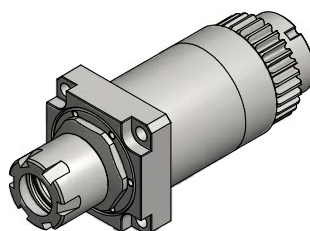
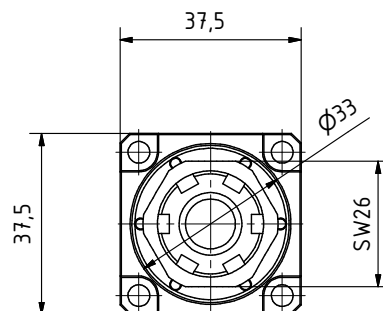
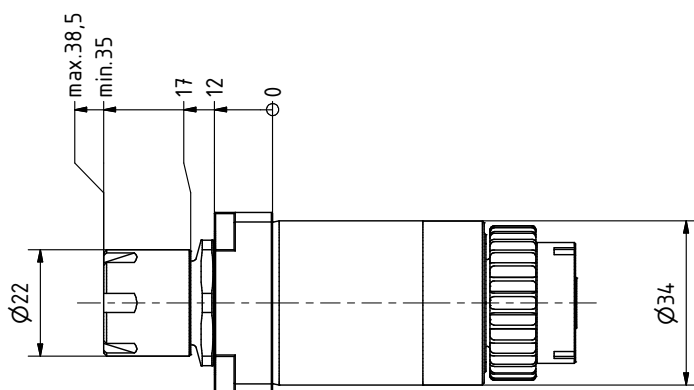
80.STAR16-57151

Radial Bohr- und
Fräskopf /
Radial drilling and
milling head

1.11

Axial Bohr und Fräskopf STAR

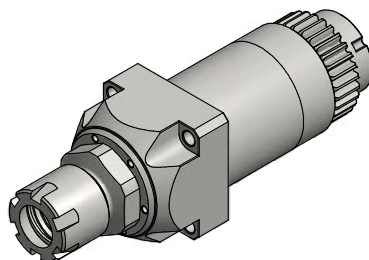
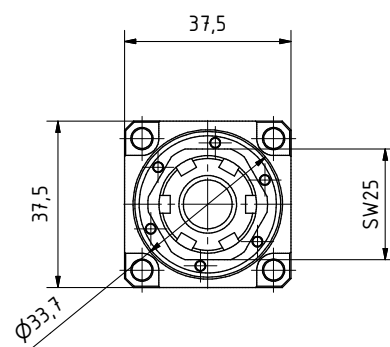
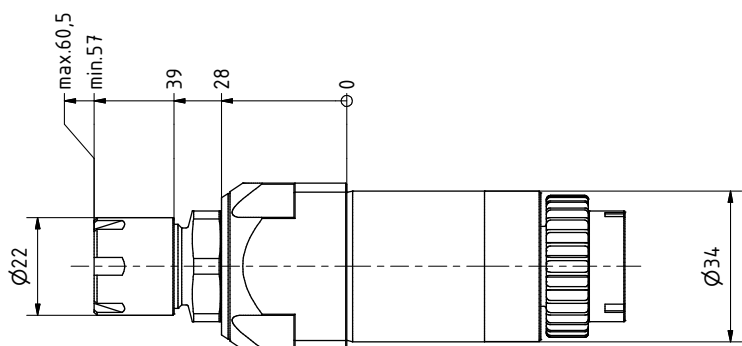
Axial drilling and milling head STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR16-33150	ER16 (1-10)	1:1	9000	25

Axial Bohr und Fräskopf STAR

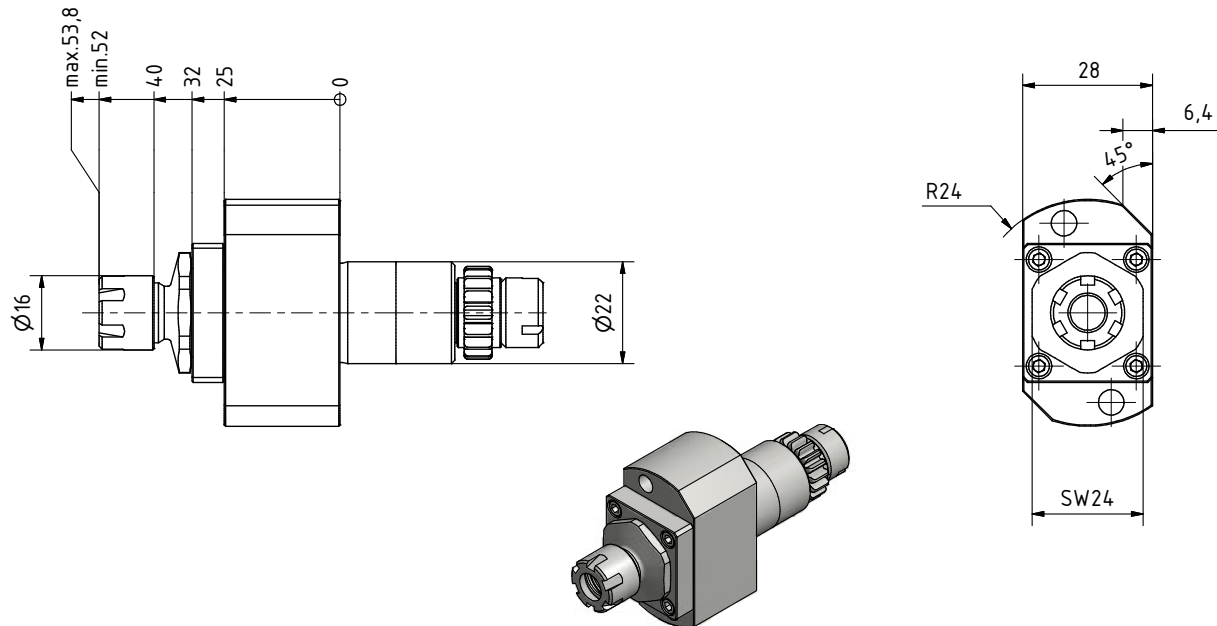
Axial drilling and milling head STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR16-57155	ER16 (1-10)	1:1	9000	25

Axial Bohr und Fräskopf
STAR

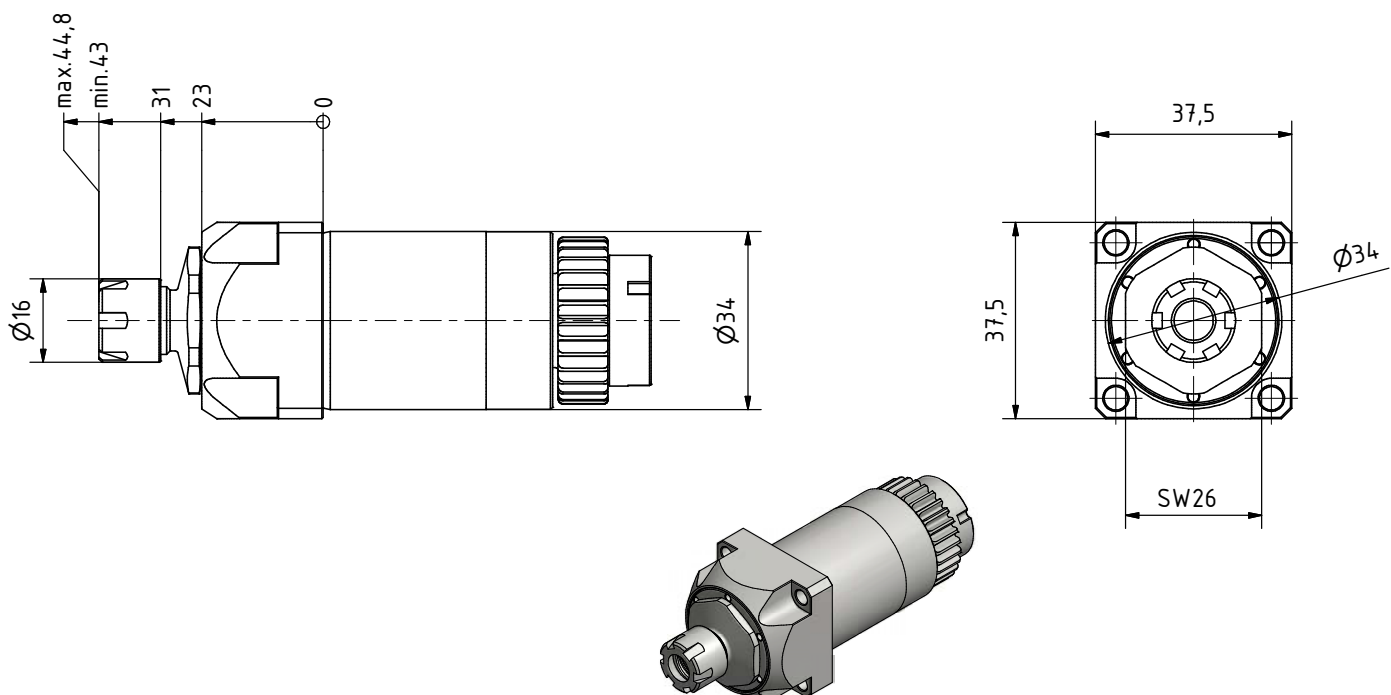
Axial drilling and milling head
STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR12-54161	ER11 (1-7)	1:1	9000	10

Axial Bohr und Fräskopf
STAR

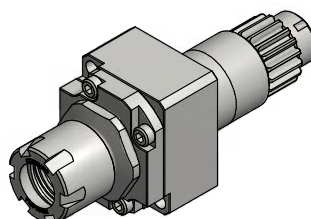
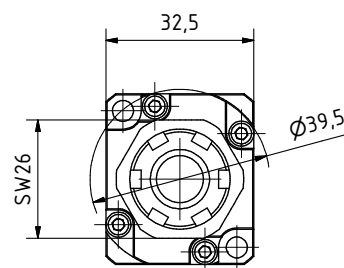
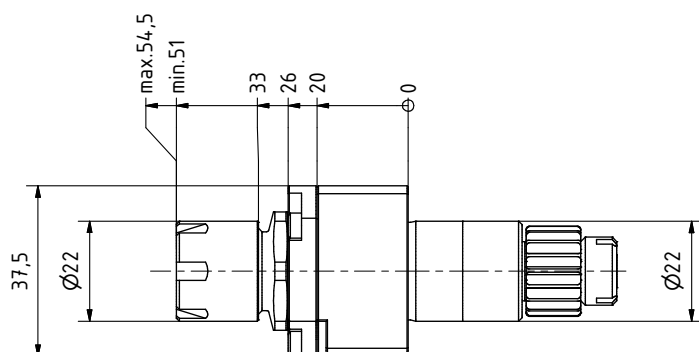
Axial drilling and milling head
STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR12-57163	ER11 (1-7)	1:1	9000	25

Axial Bohr und Fräskopf
STAR

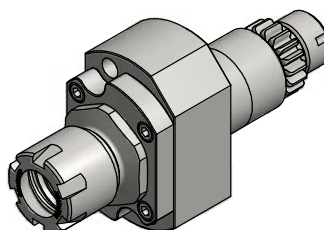
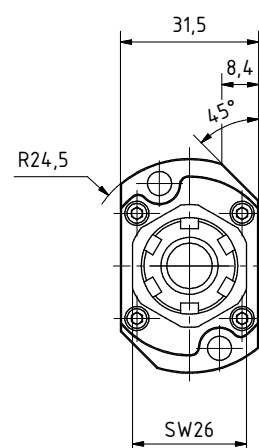
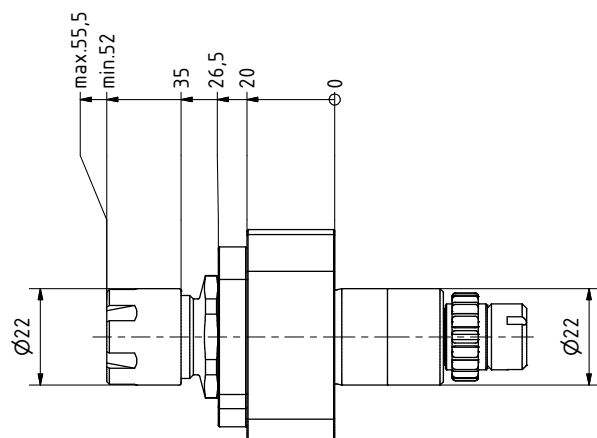
Axial drilling and milling head
STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR16-0R161	ER16 (1-10)	1:1	9000	25

Axial Bohr und Fräskopf
STAR

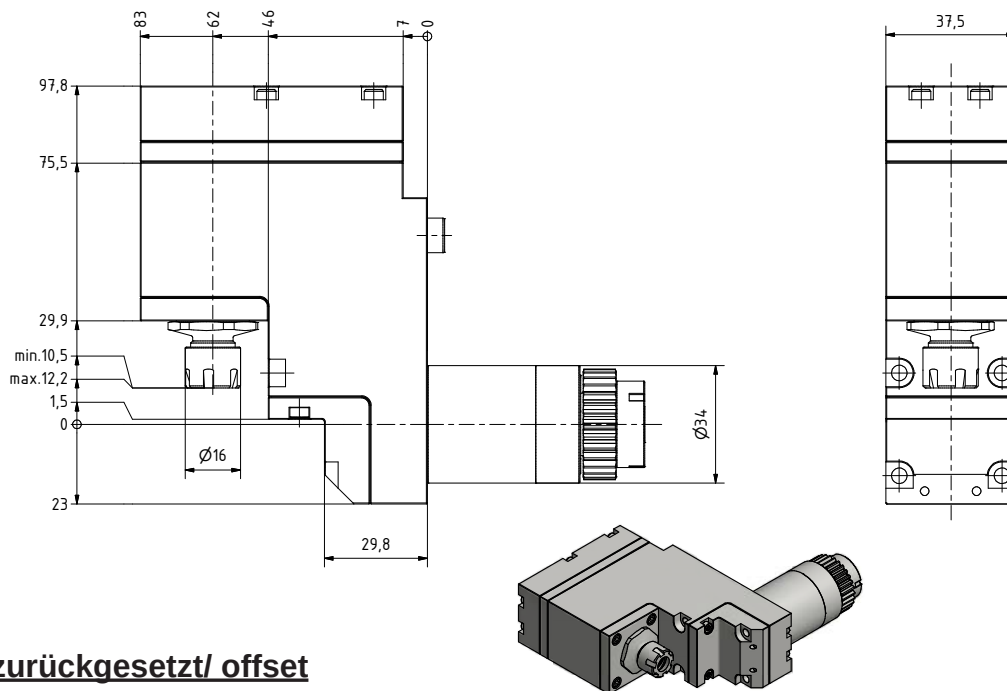
Axial drilling and milling head
STAR



Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
40.STAR16-57161	ER16 (1-10)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR

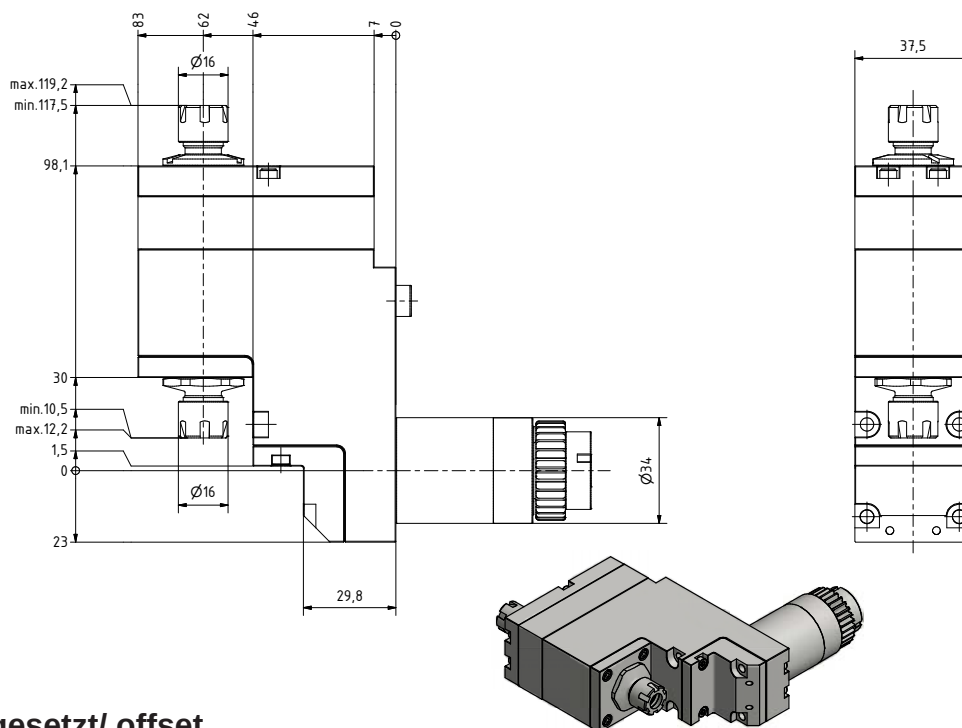


zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR12-57157	ER11 (1-10)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR

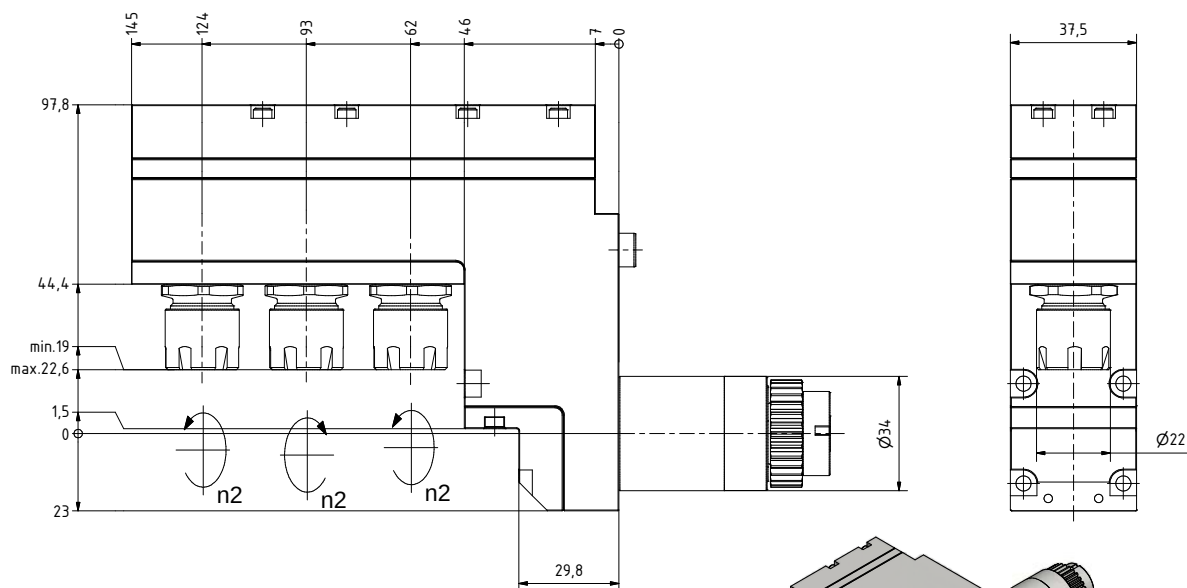


zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR12D-57156	ER11 (1-10)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR

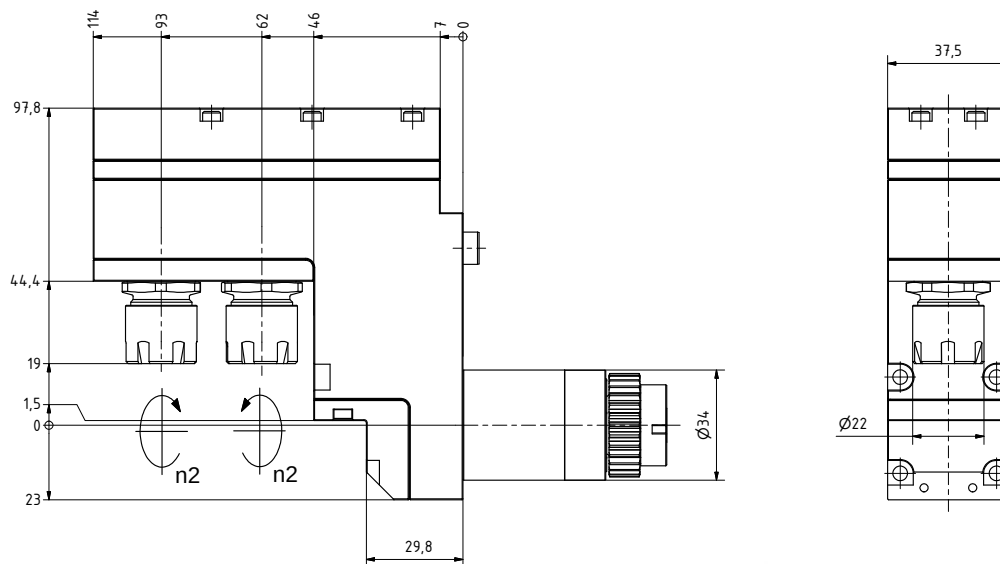


zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR16TX-66151	ER16 (1-10)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR

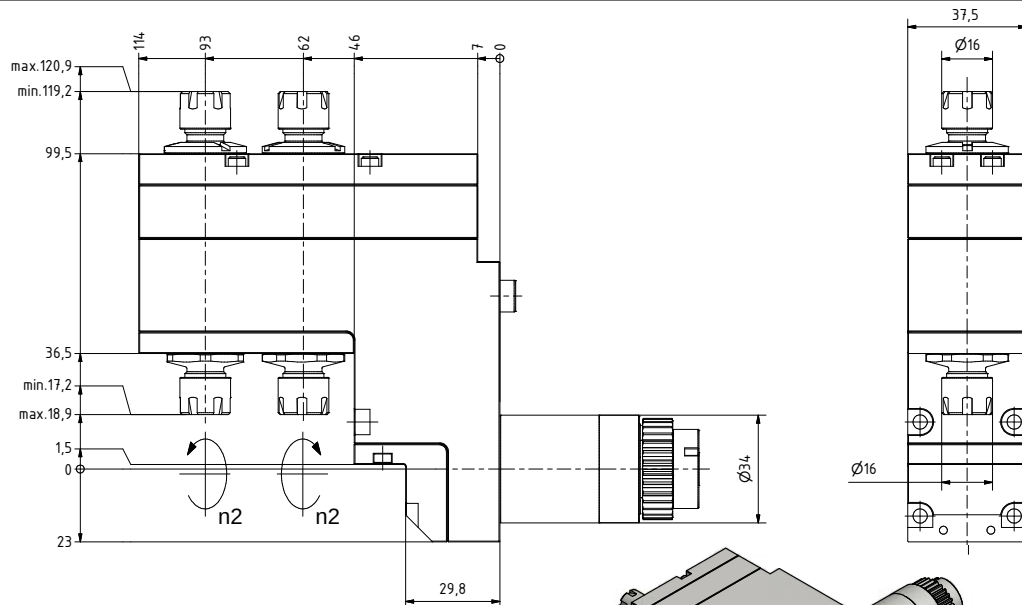


zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR16DX-54151	ER16 (1-10)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR

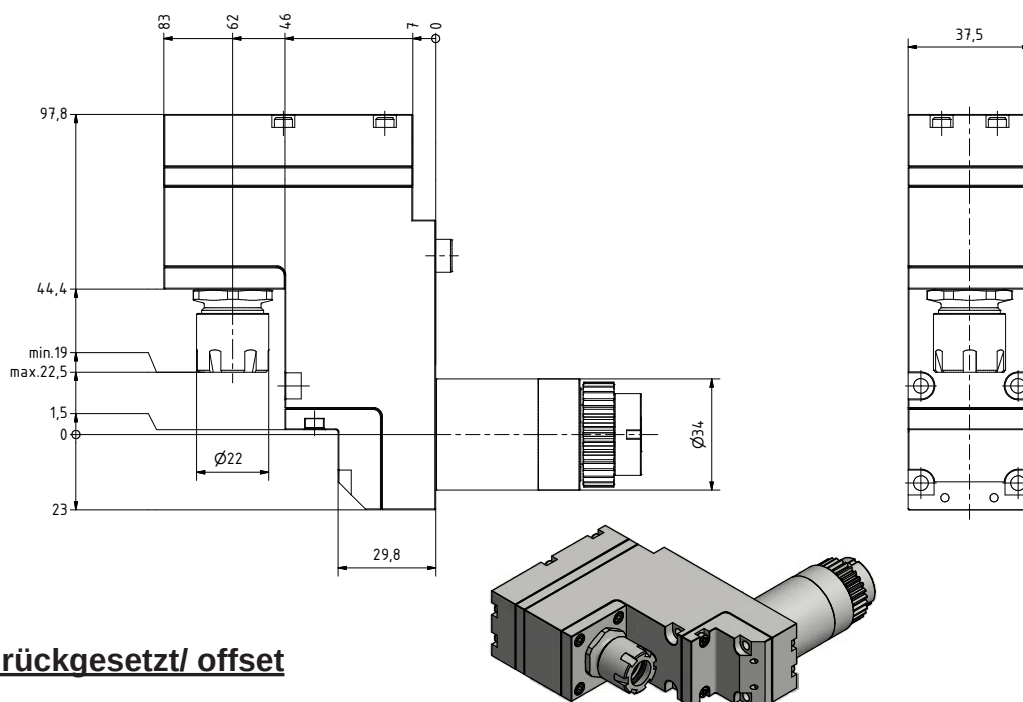


zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR12QX-66159	ER11 (1-7)	1:1	9000	25

Radial Bohr und Fräskopf
STAR

Radial drilling and milling head
STAR



zurückgesetzt/ offset

Nr. / No.	Spannzange/ Collet	i	n _{max} 1/min	T _{max} Nm
80.STAR16-57151	ER16 (1-10)	1:1	9000	25



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-russland.ru
www.ews-russland.ru

EWS Tool Holder Technologie (Taicang) Co. Ltd

Beijing East Road No. 88
215400 Taicang · Jiangsu
P. R. China
Telefon +86 512 3306 2600
Telefax +86 512 3306 2601
E-Mail: sales.cnews-tools.de
www.ews-tools.cn

Stand / updated: 03/2016

