

Höhenverstellbare Rückseitenbearbeitungswerkzeuge und Ausdrehköpfe
Height-Adjustable Back Operations Tools and Fine Boring Heads



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Schnell. Einfach. Nützlich // Fast. Easy. Useful.

Die precium-Webcode // The precium-Webcode

Part n°	Webcode	ØD inch / mm
0750.040.06	AUEW	0,75 / 19,0
0750.050.06	AT15	0,75 / 19,0
0750.120.06	AUEX	0,75 / 19,0
0020.030.06	AUEY	0,787 / 20,0
0020.040.06	AUE2	0,787 / 20,0
1000.030.06	AT16	1.000 / 25,4

Jeder precium Artikel hat auch einen 4-stelligen Webcode, welches den Artikel, paralel zu ihrem Artikelnummer, beschreibt.

Verwenden Sie den Webcode auf der Webseite **www.simtek.com** um tagesaktuelle Informationen aus unserem Hauptsitz in Mössingen zu erhalten. Gerne können Sie diesen Webcode auch zur Bestellung verwenden.

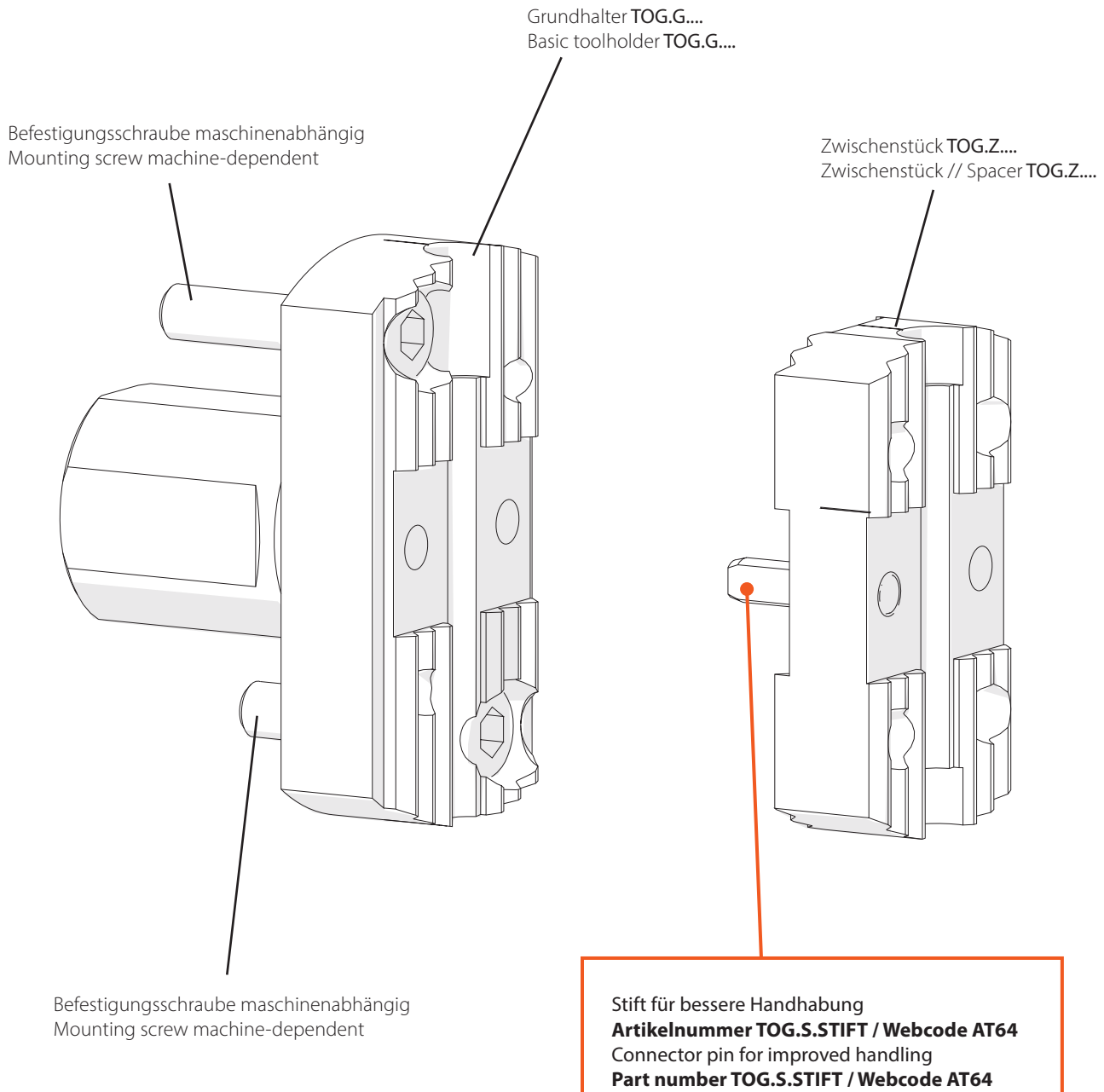
Every precium item also has a 4-digit Webcode that equally describes the item parallel to its part number.

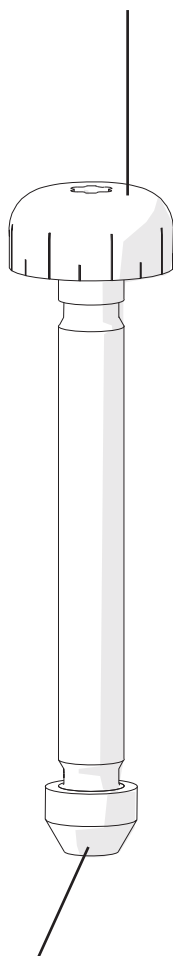
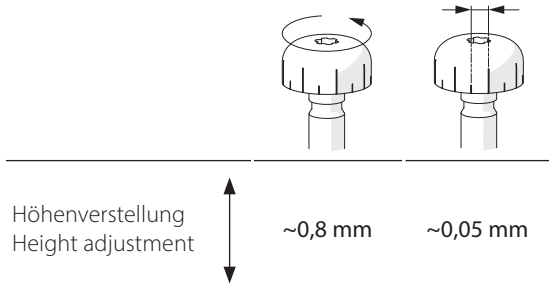
You can use the Webcode in order to purchase the item or to get up-to-date availabilities at SIMTEK's headquarters in Germany by using the Webcode on **www.simtek.com**

Individualwerkzeuge // Customized tool

Für den Fall, dass die Standardwerkzeuge dieses Katalogs nicht für Ihre spezielle Anwendung geeignet sind, kann Ihnen maßgeschneiderte Werkzeuglösungen nach Ihren individuellen Bedürfnissen angeboten werden. Bitte senden Sie Ihre Anfragen für kundenspezifische Lösungen an **individual@simtek.com**.

In case the standard tools of this catalog do not match your specific application, customized tooling solutions can be offered according to your individual needs. Please send your inquiries for customized tools to **individual@simtek.com**.

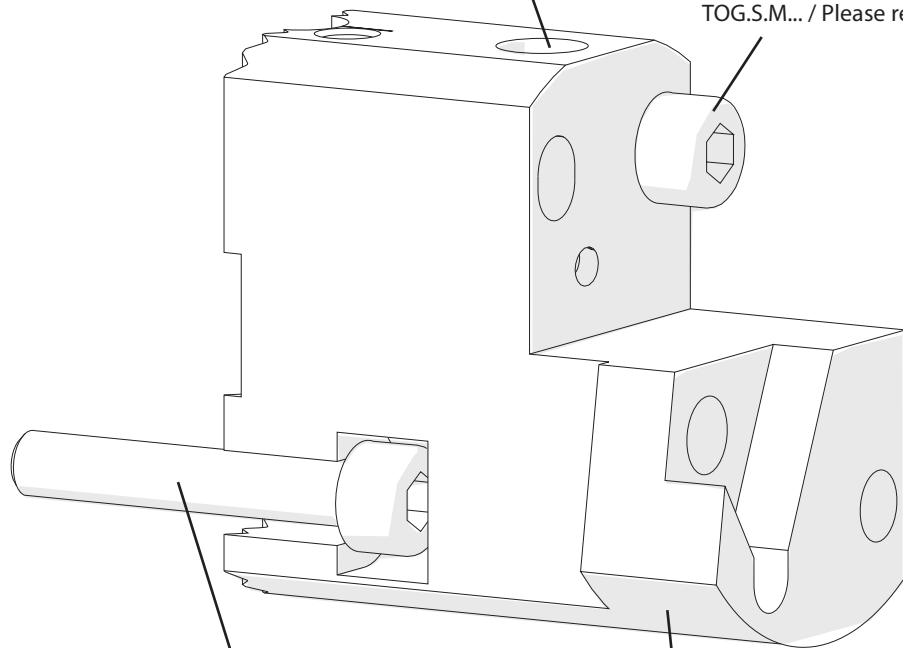




Spindel für Höhenverstellung
TOG.S.SPINDEL / Webcode AT62
Spindle for height adjustment
TOG.S.SPINDEL / Webcode AT62

Kühlmittelanschluss M 8 x 1,0
Coolant supply M 8 x 1,0

Schraube für Kassettenbefestigung
TOG.S.M... / Siehe Seite 32
Cassette mounting screw
TOG.S.M... / Please refer to page 32



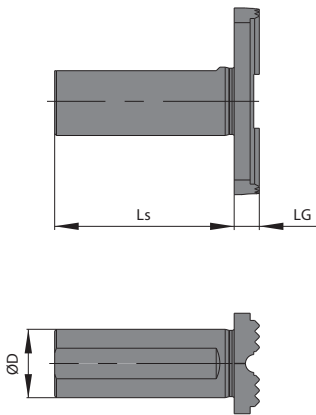
Schraube für Kassettenbefestigung
TOG.S.M... / Siehe Seite 32
Cassette mounting screw
TOG.S.M... / Please refer to page 32

Kassette TOG.K....
Cassette TOG.K....



CITIZEN

Grundhalter für // Basic toolholder for
CITIZEN-Maschinen // CITIZEN-Machines



○ Lieferumfang // Items included

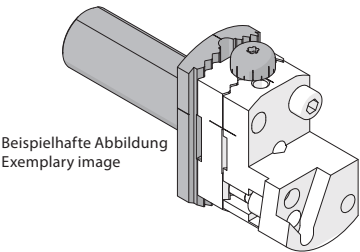


Abbildung // Image: TOG.G.0750.050.06

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0750.040.06	AUEW	19,05	40,0	7,0
TOG.G.0750.050.06	AT15	19,05	50,0	7,0
TOG.G.0750.120.06	AUEX	19,05	120,0	7,0
TOG.G.0020.030.06	AUEY	20,0	30,0	7,0
TOG.G.0020.040.06	AUE2	20,0	40,0	7,0
TOG.G.1000.030.06	AT16	25,4	30,0	7,0
TOG.G.1000.060.06	AUEZ	25,4	60,0	7,0
TOG.G.1000.100.06	AT17	25,4	100,0	7,0

Lieferumfang // Items included:

- Spindel // Spindle

TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



HANWHA

Grundhalter für // Basic toolholder for
HANWHA-Maschinen // HANWHA-Machines

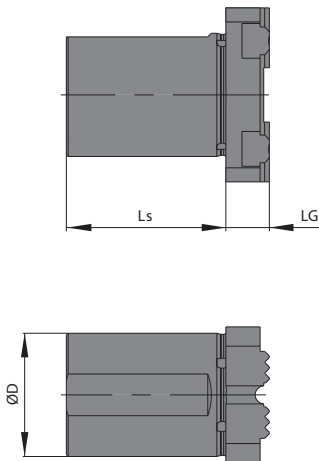
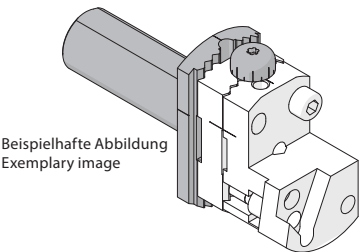


Abbildung // Image: TOG.G.0034.044.12

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0025.040.12	AT1X	25,0	40,0	12,0
TOG.G.0025.060.12	AUEP	25,0	60,0	12,0
TOG.G.0032.025.12	AT10	32,0	25,0	12,0
TOG.G.0033.040.12	AT11	33,0	40,0	12,0
TOG.G.0034.044.12	AT14	34,0	44,0	12,0

Lieferumfang // Items included:

- Spindel // Spindle

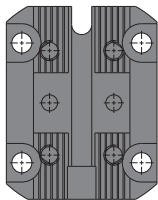
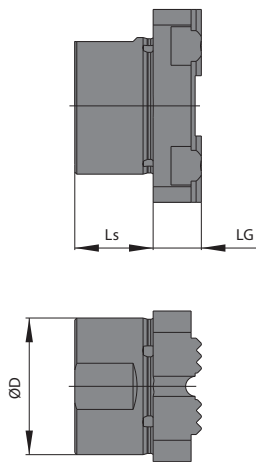
TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



MAIER

Grundhalter für // Basic toolholder for
MAIER-Maschinen // MAIER-Machines



○ Lieferumfang // Items included

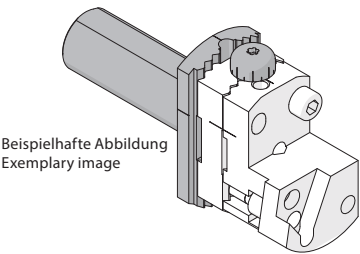


Abbildung // Image: TOG.G.0034.020.12

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0028.040.12	AUE0	28,0	40,0	12,0
TOG.G.0030.045.12	AUE1	30,0	45,0	12,0
TOG.G.0034.020.12	AT12	34,0	20,0	12,0
TOG.G.0034.044.12	AT14	34,0	44,0	12,0

Lieferumfang // Items included:

- Spindel // Spindle

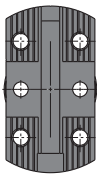
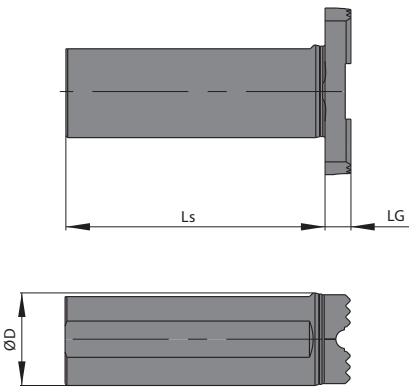
TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



MANURHIN

Grundhalter für // Basic toolholder for
MANURHIN-Maschinen // MANURHIN-Machines



○ Lieferumfang // Items included

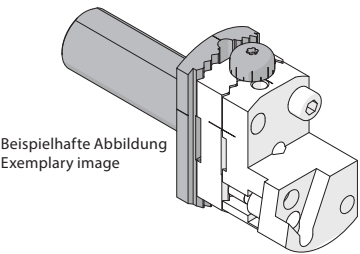


Abbildung // Image: TOG.G.0025.070.06

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0016.040.06	AT1Q	16,0	40,0	7,0
TOG.G.0020.150.06	AUE3	20,0	150,0	7,0
TOG.G.0025.070.06	AT1Y	25,0	70,0	7,0
TOG.G.0025.100.06	AUE4	25,0	100,0	7,0
TOG.G.0025.160.06	AUE5	25,0	160,0	7,0

Lieferumfang // Items included:

- Spindel // Spindle

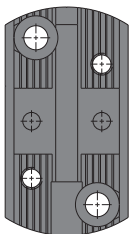
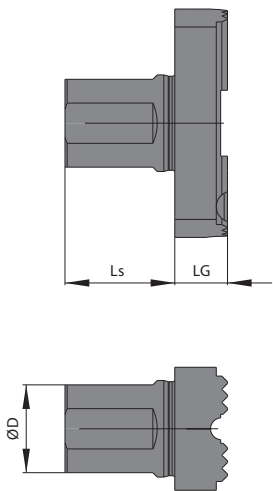
TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



STAR

Grundhalter für // Basic toolholder for
STAR-Maschinen // STAR-Machines



○ Lieferumfang // Items included

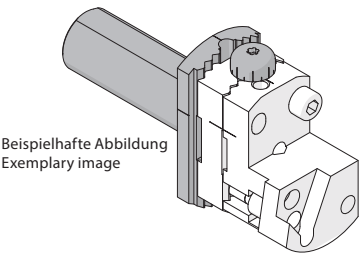


Abbildung // Image: TOG.G.0022.025.A12

Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	ØD mm	Ls mm	LG mm
TOG.G.0016.010.10	AUES		16,0	10,0	10,0
TOG.G.0016.019.10	AUET		16,0	19,0	10,0
TOG.G.0016.021.06	AUEU		16,0	21,0	7,0
TOG.G.0022.023.06	AUEV		22,0	23,0	7,0
TOG.G.0022.030.06	AT1V		22,0	30,0	7,0
TOG.G.0022.070.06	AT1W		22,0	70,0	7,0
TOG.G.0022.025.A12	AT1T	SR16/20R	22,0	25,0	12,0
TOG.G.0022.025.B12	AT1U	SR32	22,0	25,0	12,0
TOG.G.0022.025.C12	AWKZ	SW20/SR-20RVI	21,0	25,0	12,0
TOG.G.0022.025.D12	A6DB		22,0	25,0	12,0
TOG.G.0034.030.12	AT13		34,0	20,0	14,5

Lieferumfang // Items included:

- Spindel // Spindle

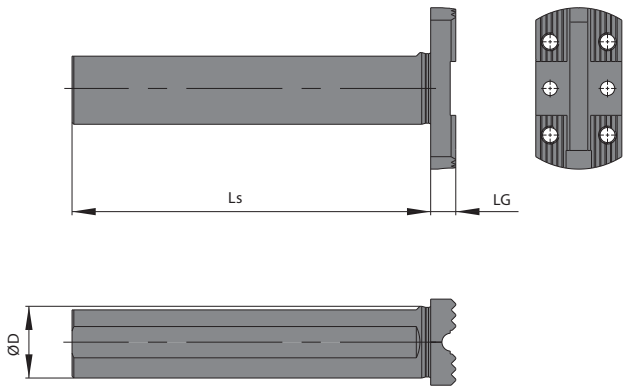
TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



TORNOS

Grundhalter für // Basic toolholder for
TORNOS-Maschinen // TORNOS-Machines



○ Lieferumfang // Items included

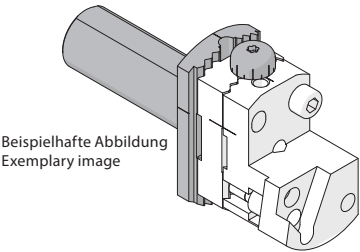


Abbildung // Image: TOG.G.0020.100.06

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0020.100.06	AT1S	20,0	100,0	7,0
TOG.G.0020.150.06	AUE3	20,0	150,0	7,0
TOG.G.0025.070.06	AT1Y	25,0	70,0	7,0
TOG.G.0025.100.06	AUE4	25,0	100,0	7,0
TOG.G.0025.160.06	AUE5	25,0	160,0	7,0

Lieferumfang // Items included:

- Spindel // Spindle

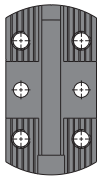
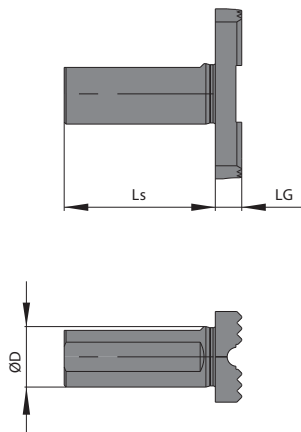
TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



TRAUB

Grundhalter für // Basic toolholder for
TRAUB-Maschinen // TRAUB-Machines



○ Lieferumfang // Items included

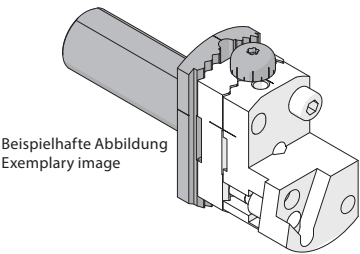


Abbildung // Image: TOG.G.0016.040.06

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.0016.040.06	AT1Q	16,0	40,0	7,0
TOG.G.0028.080.12	AT1Z	28,0	80,0	12,0

Lieferumfang // Items included:

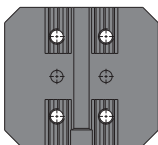
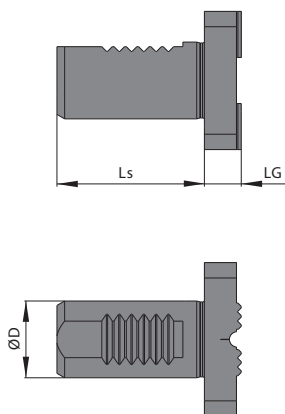
- Spindel // Spindle

TOG.S.SPINDEL

Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



VDI Grundhalter für // Basic toolholder for
VDI-Maschinen // VDI-Machines



○ Lieferumfang // Items included

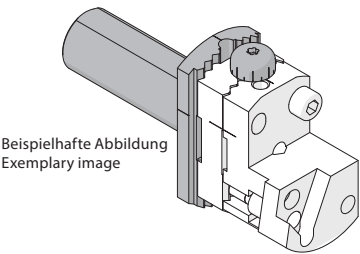


Abbildung // Image: TOG.G.VD20.040.45.24

Artikelnummer Part number	Webcode	ØD mm	Ls mm	LG mm
TOG.G.VD16.032.45.24	AUE6	16,0	32,0	10,0
TOG.G.VD20.040.45.24	AUE7	20,0	40,0	10,0
TOG.G.VD25.048.50.35	AUE8	25,0	48,0	12,0
TOG.G.VD30.055.53.45	AUE9	30,0	55,0	13,0

Lieferumfang // Items included:

- Spindel // Spindle
TOG.S.SPINDEL
- Befestigungsschraube maschinenabhängig
Mounting screw machine-dependent



Zwischenstück // Spacer

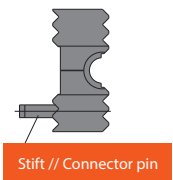
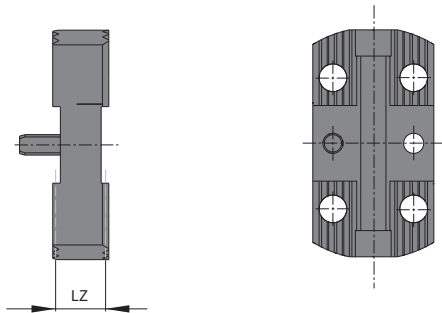
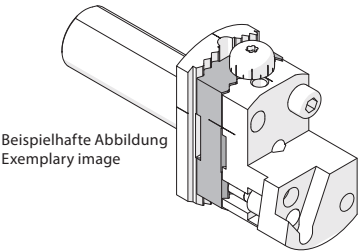


Abbildung // Image: TOG.Z.0010.A

○ Lieferumfang // Items included



Artikelnummer Part number	Webcode	LZ mm
TOG.Z.0010.A	AT54	10,0
TOG.Z.0015.A	AT56	15,0
TOG.Z.0020.A	AT58	20,0
TOG.Z.0025.A	AT6A	25,0
TOG.Z.0030.A	AT6C	30,0

Lieferumfang // Items included:
• Stift // Connector pin
TOG.S.STIFT



Zwischenstück // Spacer

Für Grundhalter // For Basic Toolholder

- STAR: TOG.G.0022.025
 TOG.G.0022.030.06
- HANWHA: TOG.G.0025.060.12
 TOG.G.0032.025.12
 TOG.G.0033.040.12
- MAIER: TOG.G.0028.040.12
- TRAUB: TOG.G.0028.080.12

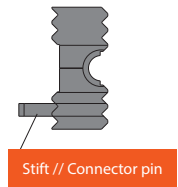
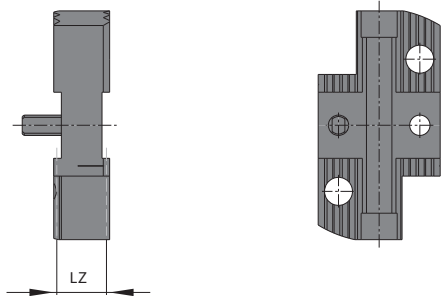
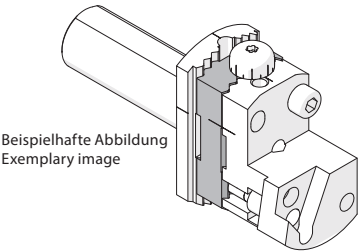


Abbildung // Image: TOG.Z.0010.B

○ Lieferumfang // Items included



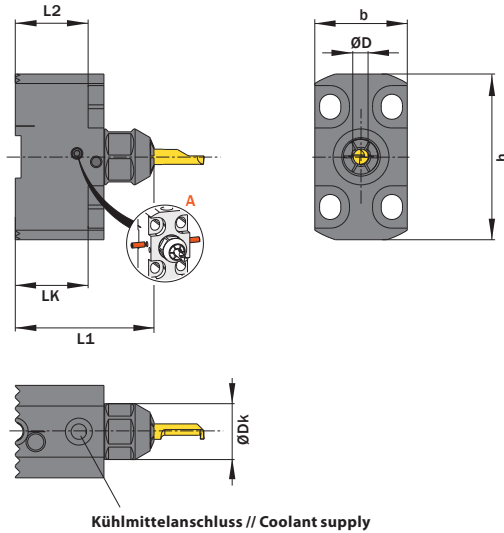
Artikelnummer Part number	Webcode	LZ mm
TOG.Z.0010.B	AT55	10,0
TOG.Z.0015.B	AT57	15,0
TOG.Z.0020.B	AT59	20,0
TOG.Z.0025.B	AT6B	25,0
TOG.Z.0030.B	AT6D	30,0

Lieferumfang // Items included:
• Stift // Connector pin
 TOG.S.STIFT



SIMTEK

Kassette für // Cassette for
simturnA04, A05, A06 "ME"



Kühlmittelsanschluss // Coolant supply

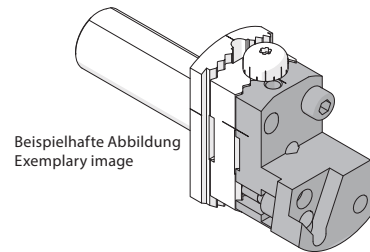
Abbildung // Image: TOG.K.A04.A1.ME T



Entdecken Sie unseren simturn AX Halter „ME“.
Discover our simturn AX toolholder „ME“.

Oder besuchen Sie // Or visit
<https://simtek.com/AXME/>

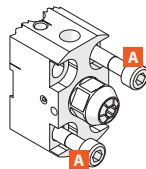
○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	L1 mm	L2 mm	LK mm	ØDk mm	ØD mm
TOG.K.A04.A1.ME T	AZMX	Ja / Yes	24,0	43,0	36,0	18,9	18,9	14,5	4,0
TOG.K.A05.A1.ME T	AZMY	Ja / Yes	24,0	143,0	39,5	18,9	18,9	14,5	5,0
TOG.K.A06.A1.ME T	AZMZ	Ja / Yes	24,0	43,0	39,5	18,9	18,9	16,5	6,0

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32



A 1 Halter – 4 Kühlmittelzufuhrarten // 1 Toolholder – 4 types of coolant supply

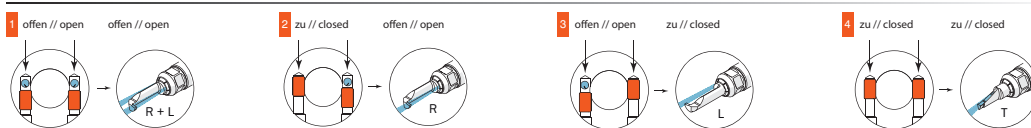


Abbildung ähnlich // Illustration only



SIMTEK

Kassette für // Cassete for
simturn E3

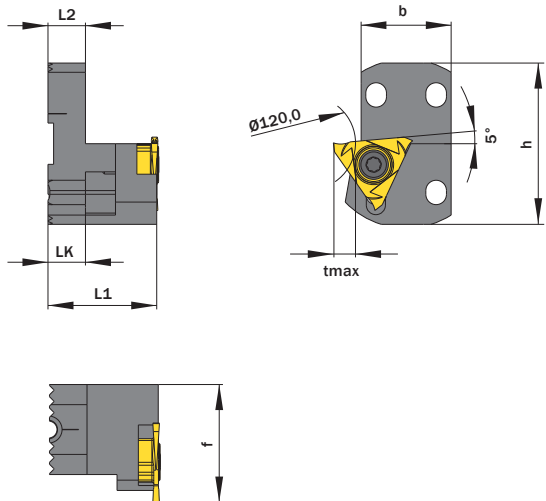
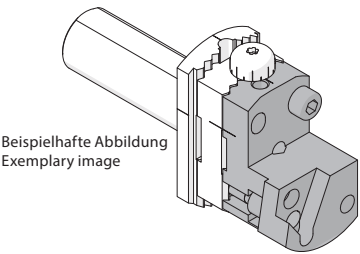


Abbildung // Image: TOG.K.TE3.A1 R

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm	tmax mm
TOG.K.TE3.A1 R / L	R: AT4D L: AT4C	Nein / No	24,0	43,0	31,4	29,0	10,0	10,0	4,5
TOG.K.TE3.B1 R / L	R: AT4H L: AT4G	Ja / Yes	24,0	43,0	31,4	46,0	27,0	10,0	4,5

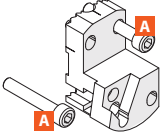
Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

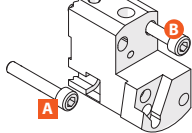
TOG.S.E3

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32

L2 = LK



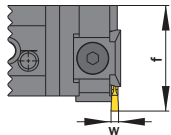
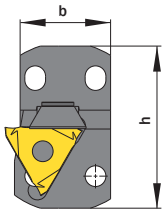
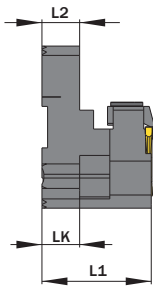
L2 > LK





SIMTEK

Kassette für // Cassette for
simturn E12



○ Lieferumfang // Items included

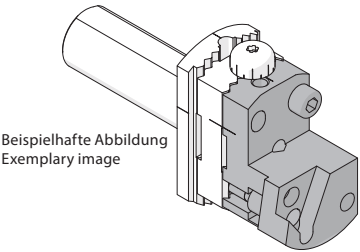


Abbildung // Image: TOG.K.E12.A1.01 R

Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	w mm	L1 mm	L2 mm	LK mm
TOG.K.E12.A1.01 R / L	R: AT3D L: AT3C	Nein / No	24,0	43,0	28,0	1,5	29,0	10,0	10,0
TOG.K.E12.A1.02 R / L	R: AT3F L: AT3E	Nein / No	24,0	43,0	28,0	2,5	29,0	10,0	10,0
TOG.K.E12.B1.01 R / L	R: AT3N L: AT3M	Ja / Yes	24,0	43,0	8,0	1,5	44,0	27,0	10,0
TOG.K.E12.B1.02 R / L	R: AT3Q L: AT3P	Ja / Yes	24,0	43,0	28,0	2,5	44,0	27,0	10,0

Lieferumfang // Items included:

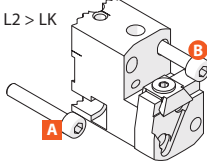
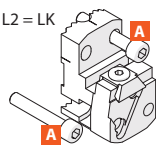
- Schraube für Schneidwerkzeug // Insert screw

TOG.S.E12

- Spannelement // Clamp

E20.1-4

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





SIMTEK

Kassette für // Cassette for
simturn E12

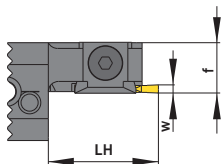
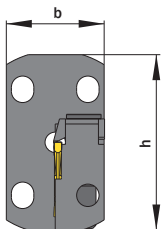
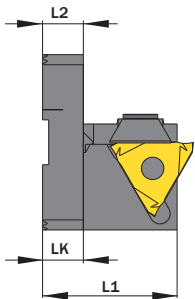
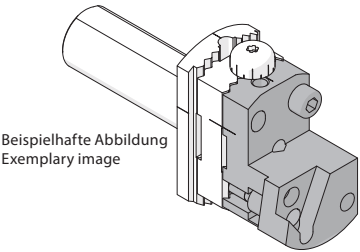


Abbildung // Image: TOG.K.E12.C1.01 R

○ Lieferumfang // Items included



Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	w mm	L1 mm	L2 mm	LK mm	LH mm
TOG.K.E12.C1.01 R	AT3W	Nein / No	24,0	43,0	12,35	1,5	33,0	10,0	10,0	27,0

Lieferumfang // Items included:

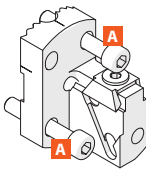
- Schraube für Schneidwerkzeug // Insert screw

TOG.S.E12

- Spannelement // Clamp

E20.1-3

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





SIMTEK

Kassette für // Cassette for
simturn FX

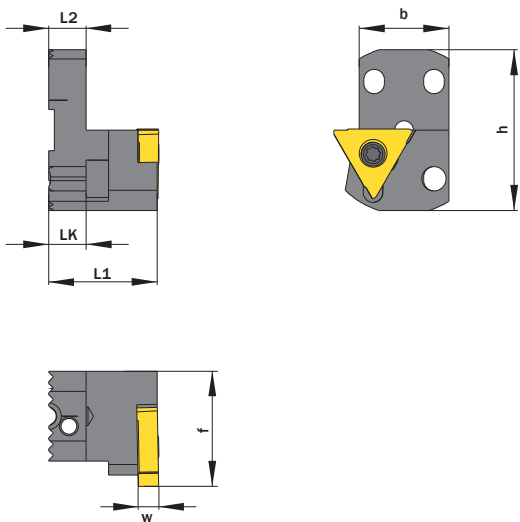
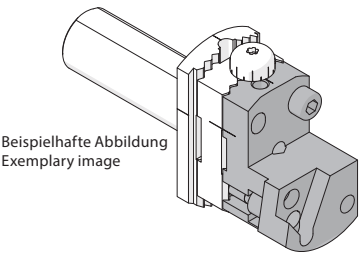


Abbildung // Image: TOG.K.TF3.01.A1 R

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

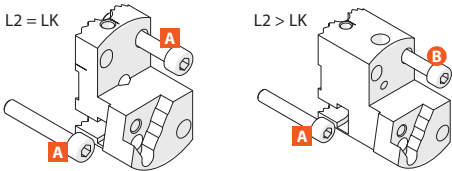
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	w mm	L1 mm	L2 mm	LK mm
TOG.K.TF3.01.A1 R / L	R: AZHN / L: AZHM	Nein / No	24,0	43,0	30,75	5,5	29,0	10,0	10,0
TOG.K.TF3.01.B1 R / L	R: AZHS / L: AZHQ	Ja / Yes	24,0	43,0	30,75	5,5	46,0	27,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.FX

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO Kassette für // Cassette for
...CC09T3...

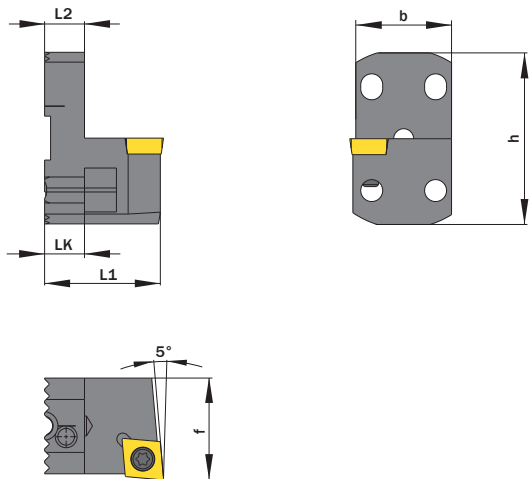
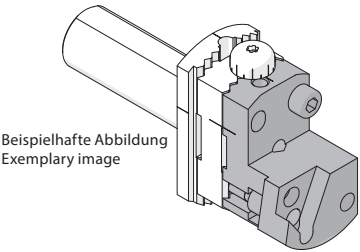


Abbildung // Image: TOG.K.CC09T3.A1 R

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

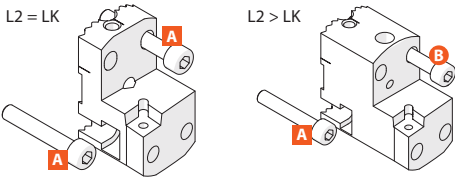
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm
TOG.K.CC09T3.A1 R / L	R: AT2Q / L: AT2P	Nein / No	24,0	43,0	25,5	29,0	10,0	10,0
TOG.K.CC09T3.B1 R / L	R: AUP9 / L: AUP8	Ja / Yes	24,0	43,0	25,5	46,0	27,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.CC09T3

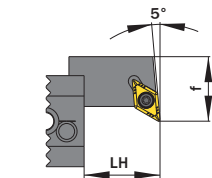
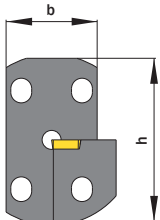
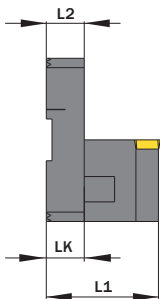
Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO

Kassette für // Cassette for
...DC0702...



○ Lieferumfang // Items included

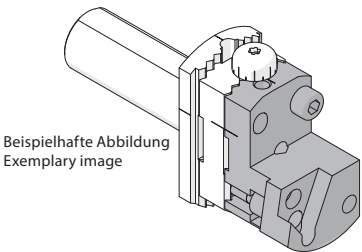


Abbildung // Image: TOG.K.DC0702.A1 R

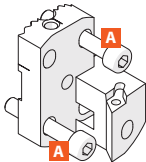
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm	LH mm
TOG.K.DC0702.A1 R / L	R: AT2V L: AT2U	Nein / No	29,0	43,0	17,0	29,55	10,0	10,0	20,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.DC0702

Schraube für Kassettenbefestigung **Siehe Seite 32**
Cassette mounting screw **Please refer to page 32**





ISO Kasette für // Cassette for
...DC11T3...

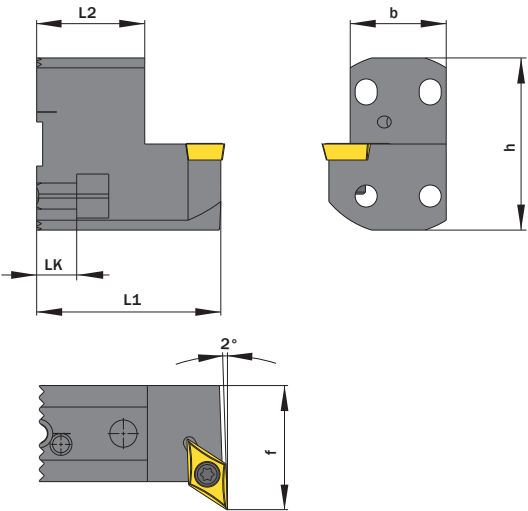
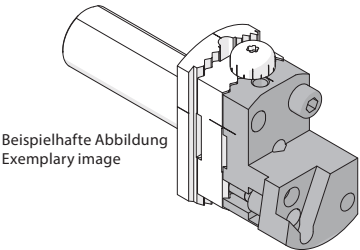


Abbildung // Image: TOG.K.DC11T3.B1 R

○ Lieferumfang // Items included



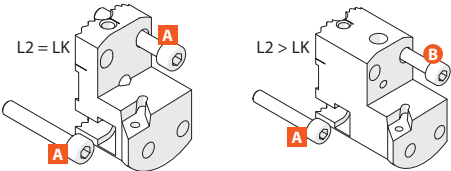
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm
TOG.K.DC11T3.A1 R / L	R: AT2Z L: AT2Y	Nein / No	24,0	43,0	31,0	29,0	10,0	10,0
TOG.K.DC11T3.B1 R / L	R: AT23 L: AT22	Ja / Yes	24,0	43,0	31,0	46,0	27,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.DC11T3

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO

Kassette für // Cassette for
...DC11T3...

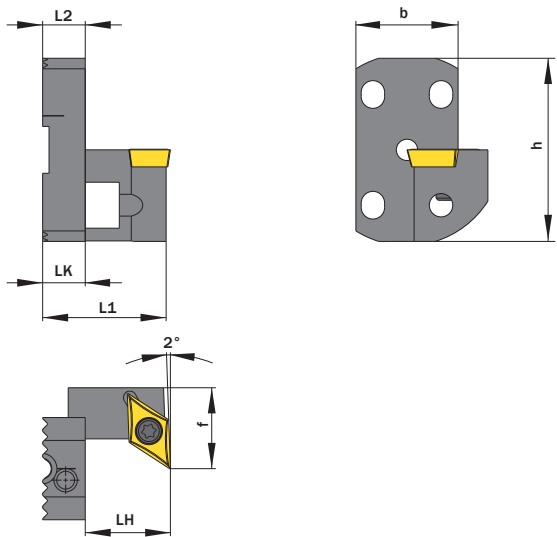
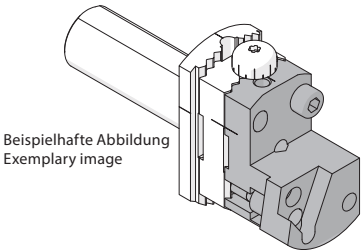


Abbildung // Image: TOG.K.DC11T3.C1 R

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

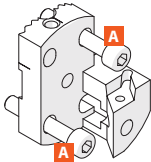
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm	LH mm
TOG.K.DC11T3.C1 R / L	R: AT27 L: AT26	Nein / No	31,0	43,0	19,0	29,0	10,0	10,0	20,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.DC11T3

Schraube für Kassettenbefestigung **Siehe Seite 32**
Cassette mounting screw **Please refer to page 32**





ISO Kasette für // Cassette for
...DC11T3...

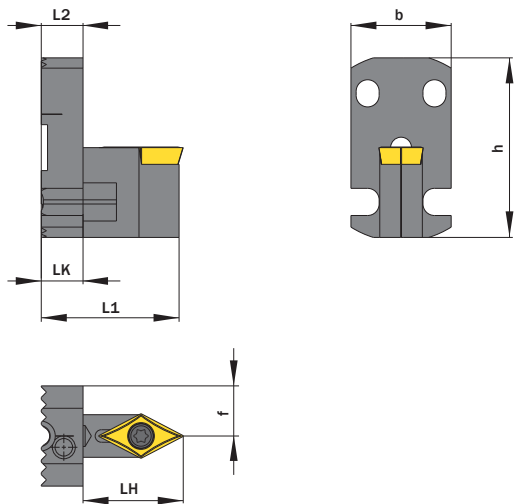
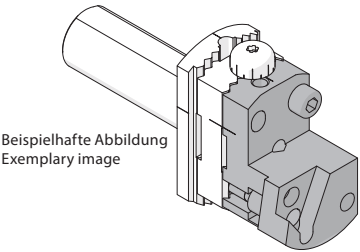


Abbildung // Image: TOG.K.DC11T3.D1

○ Lieferumfang // Items included



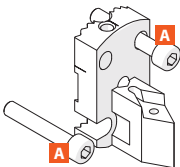
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm	LH mm
TOG.K.DC11T3.D1	AT3A	Nein / No	24,0	43,0	12,0	33,0	10,0	10,0	24,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.DC11T3

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO

Kassette für // Cassette for
...VC1103...

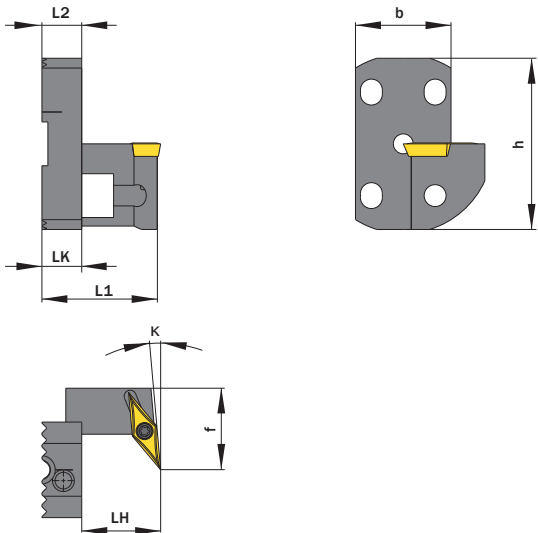
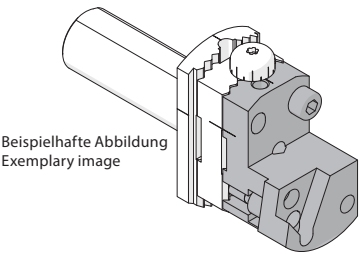


Abbildung // Image: TOG.K.VC1103.A1 R

○ Lieferumfang // Items included



Beispielhafte Abbildung
Exemplary image

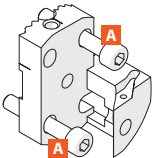
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	K	L1 mm	L2 mm	LK mm	LH mm
TOG.K.VC1103.A1 R / L	R: AT5X L: AT5W	Nein / No	32,5	43,0	20,5	5°	29,0	10,0	10,0	20,0
TOG.K.VC1103.B1 R / L	R: AUJM L: AUJK	Nein / No	32,5	43,0	20,5	20°	29,0	10,0	10,0	20,0
TOG.K.VC1103.C1 R / L	R: AUQB L: AUQA	Nein / No	24,0	43,0	32,7	5°	29,0	10,0	10,0	20,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.VC1103

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO

Kassette für // Cassette for
3ER / R16,3EL / L16

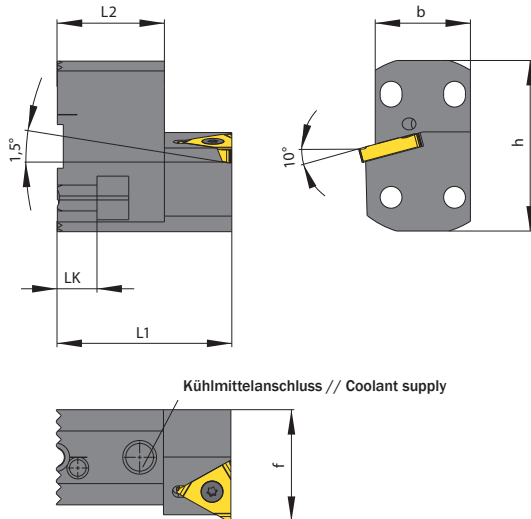
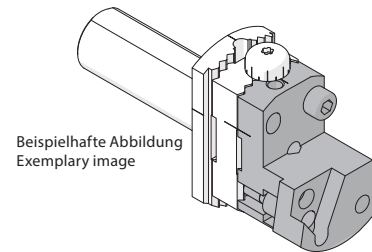


Abbildung // Image: TOG.K.R16.B1 R

○ Lieferumfang // Items included



Grundhalter // Basic toolholder

Zwischenstück // Spacer

Kassette // Cassette

Schraube // Screw

Micro Ausdrehköpfe // Fine boring heads

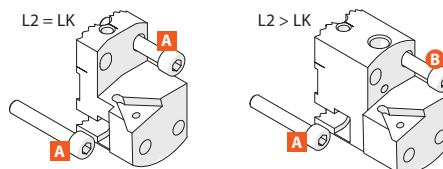
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm
TOG.K.R16.A1 R	AT35	Nein / No	24,0	43,0	28,16	29,0	10,0	10,0
TOG.K.L16.A1 L	AT30	Nein / No	24,0	43,0	28,16	29,0	10,0	10,0
TOG.K.R16.B1 R	AT39	Ja / Yes	24,0	43,0	28,16	44,0	20,0	10,0
TOG.K.L16.B1 L	AT32	Ja / Yes	24,0	43,0	28,16	44,0	20,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.3ER

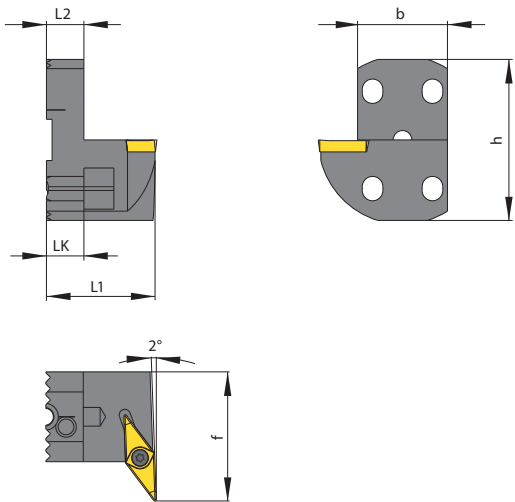
Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





ISO

Kassette für // Cassette for
...VC1303...



○ Lieferumfang // Items included

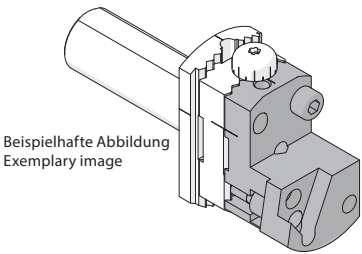


Abbildung // Image: TOG.K.VC1303.A1 R

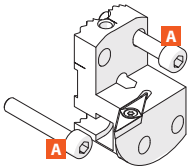
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	f mm	L1 mm	L2 mm	LK mm
TOG.K.VC1303.A1 R / L	R: AT51 L: AT50	Nein / No	24,0	43,0	34,5	29,0	10,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw

TOG.S.VC1303

Schraube für Kassettenbefestigung **Siehe Seite 32**
Cassette mounting screw **Please refer to page 32**





Kassette für // Cassette for
Rundschäfte // Round Shank

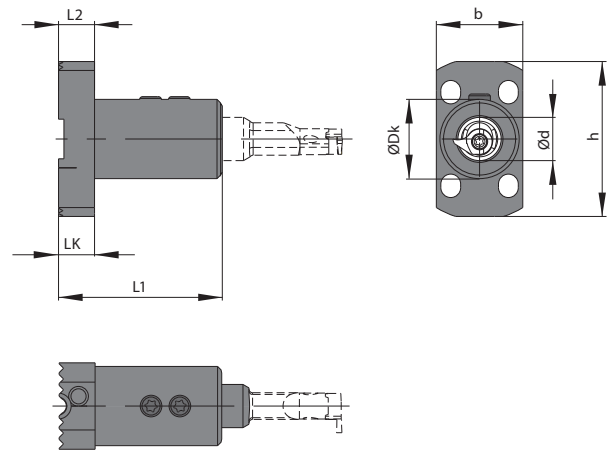
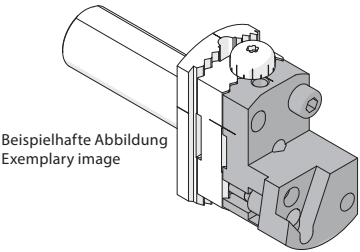


Abbildung // Image: TOG.K.0012.A1

● Lieferumfang // Items included:

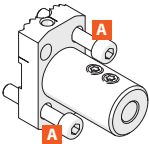


Artikelnummer Part number	Webcode	b mm	h mm	L1 mm	L2 mm	LK mm	ØDk mm	Ød mm
TOG.K.0006.A1*	AT18	24,0	43,0	45,0	10,0	10,0	20,0	6,0
TOG.K.0008.A1**	AT2A	24,0	43,0	45,0	10,0	10,0	20,0	8,0
TOG.K.0010.A1**	AT2C	24,0	43,0	45,0	10,0	10,0	20,0	10,0
TOG.K.0012.A1**	AT2E	24,0	43,0	45,0	10,0	10,0	20,0	12,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw
*TOG.S.M6.07 **TOG.S.M6.05

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





Kassette für // Cassette for
Quadratschäfte 10 x 10 mm // square shank 10 x 10 mm

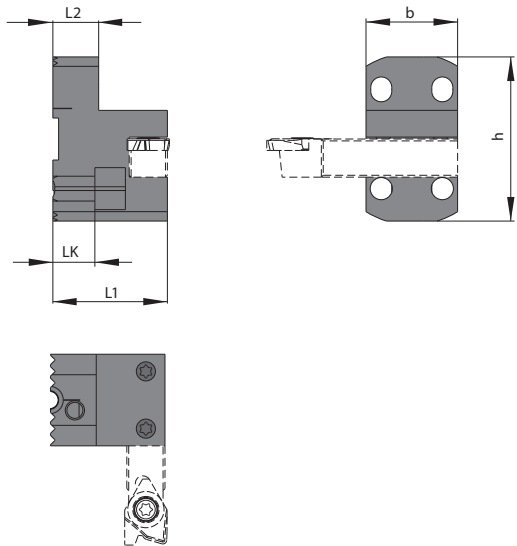
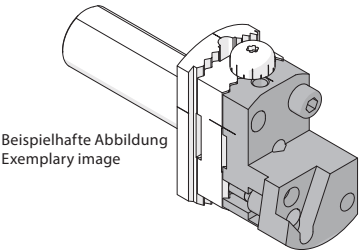


Abbildung // Image: TOG.K.1010.A1

○ Lieferumfang // Items included



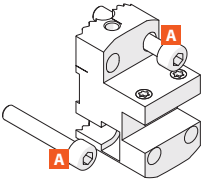
Beispielhafte Abbildung
Exemplary image

Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	L1 mm	L2 mm	LK mm
TOG.K.1010.A1	AT2G	Nein / No	24,0	43,0	30,0	10,0	10,0

Lieferumfang // Items included:

- Schraube für Schneidwerkzeug // Insert screw
TOG.S.M6.07

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





Kassette für // Cassette for
Spannzangenhalter// Collet Chucks

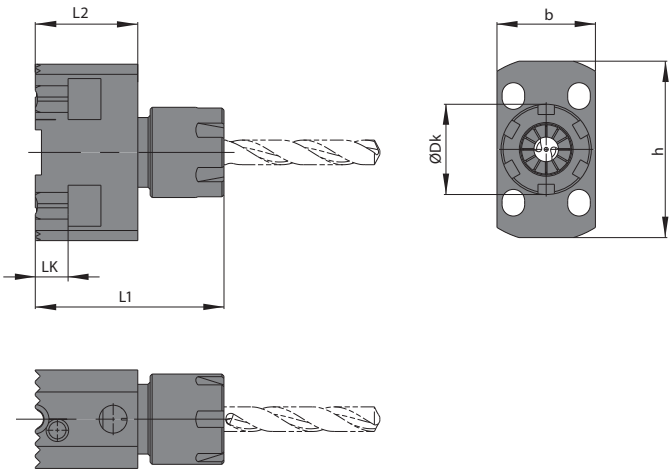
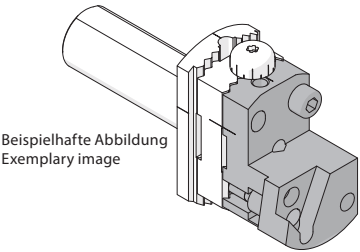


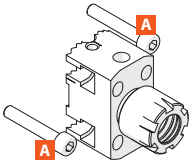
Abbildung // Image: TOG.K.ER16.B1

○ Lieferumfang // Items included



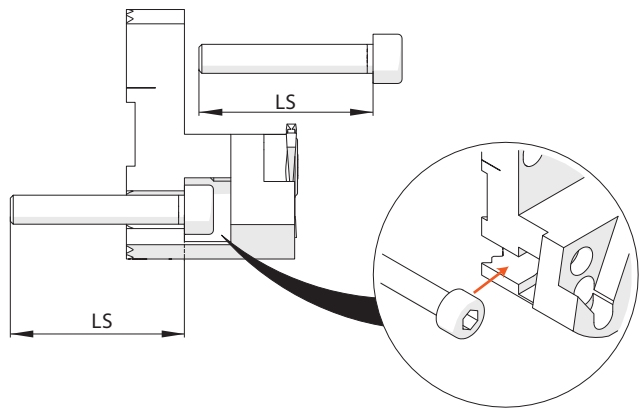
Artikelnummer Part number	Webcode	Mit Kühlmittelzufuhr With through coolant	b mm	h mm	L1 mm	L2 mm	LK mm	ØDk mm
TOG.K.ER16.B1	AT38	Ja / Yes	24,0	43,0	46,0	25,0	8,0	22,0
TOG.K.ER20.B1	AUGZ	Ja / Yes	24,0	43,0	50,0	28,0	8,0	28,0

Schraube für Kassettenbefestigung Siehe Seite 32
Cassette mounting screw Please refer to page 32





Schraube für // Screw for
Kassettenbefestigung // Cassette mounting

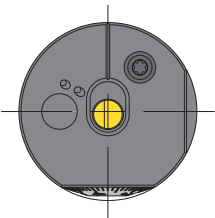
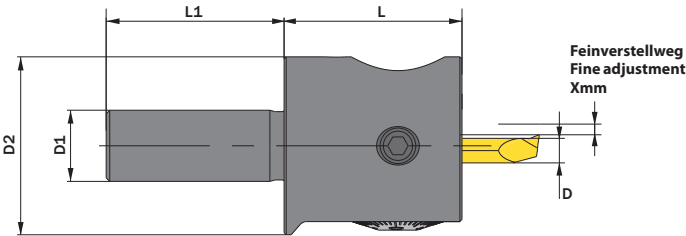


Artikelnummer Part number	Webcode	Schraubenlängen (LS) Screw lengths (LS)
TOG.S.M5.15	AUQF	M5 x 15
TOG.S.M5.20	AUQG	M5 x 20
TOG.S.M5.25	AUQH	M5 x 25
TOG.S.M5.30	AUQJ	M5 x 30
TOG.S.M5.35	AUQK	M5 x 35
TOG.S.M5.40	AUQM	M5 x 40
TOG.S.M5.45	AUQN	M5 x 45
TOG.S.M5.50	AUQP	M5 x 50
TOG.S.M5.55	AZDX	M5 x 55
TOG.S.M5.60	AZDY	M5 x 60

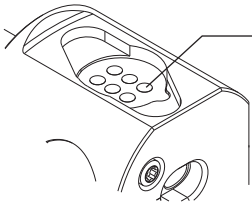


SIMTEK

Micro Ausdrehköpfe // Fine boring heads

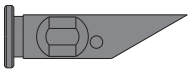


○ Lieferumfang // Items included



Anschlussstelle für digitale Anzeigeeinheit
Interface for digital display unit
MOS.010.025.025 D / MOS.016.032.032 D

Reduzierhülse A07 auf A04 mit **Adaptcode MOS.A1**
und **Connectcode MOS.A04 R** // Reduction sleeve A07 to A04
with **Adaptcode MOS.A1** and **Connectcode MOS.A04 R**



Bestellnummer // Part number: A07.A04.23 ST

Beispielhafte Abbildung
Exemplary image

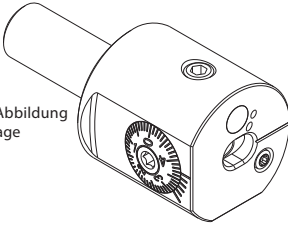
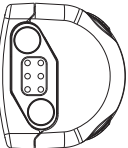
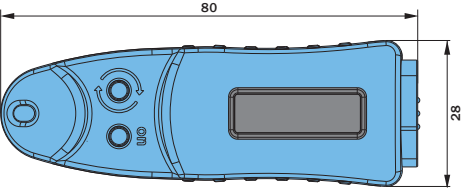


Abbildung // Image: MOS.010.025.025

Artikelnummer Part number	Webcode	D mm	D1 mm	D2 mm	L mm	L1 mm	X mm	Connectcode	Adaptcode
▼ Analog									
MOS.010.025.025	AXVK	4,0	10,0	25,0	25,0	25,0	1,5	MOS.A04 R	-
MOS.016.032.032	AXVM	7,0	16,0	32,0	32,0	40,0	2,5	MOS.A07 R	MOS.A1
▼ Digital									
MOS.010.025.025.D	A7KX	4,0	10,0	25,0	25,0	25,0	1,5	MOS.A04 R	-
MOS.016.032.032.D	A7KV	7,0	16,0	32,0	32,0	40,0	2,5	MOS.A07 R	MOS.A1

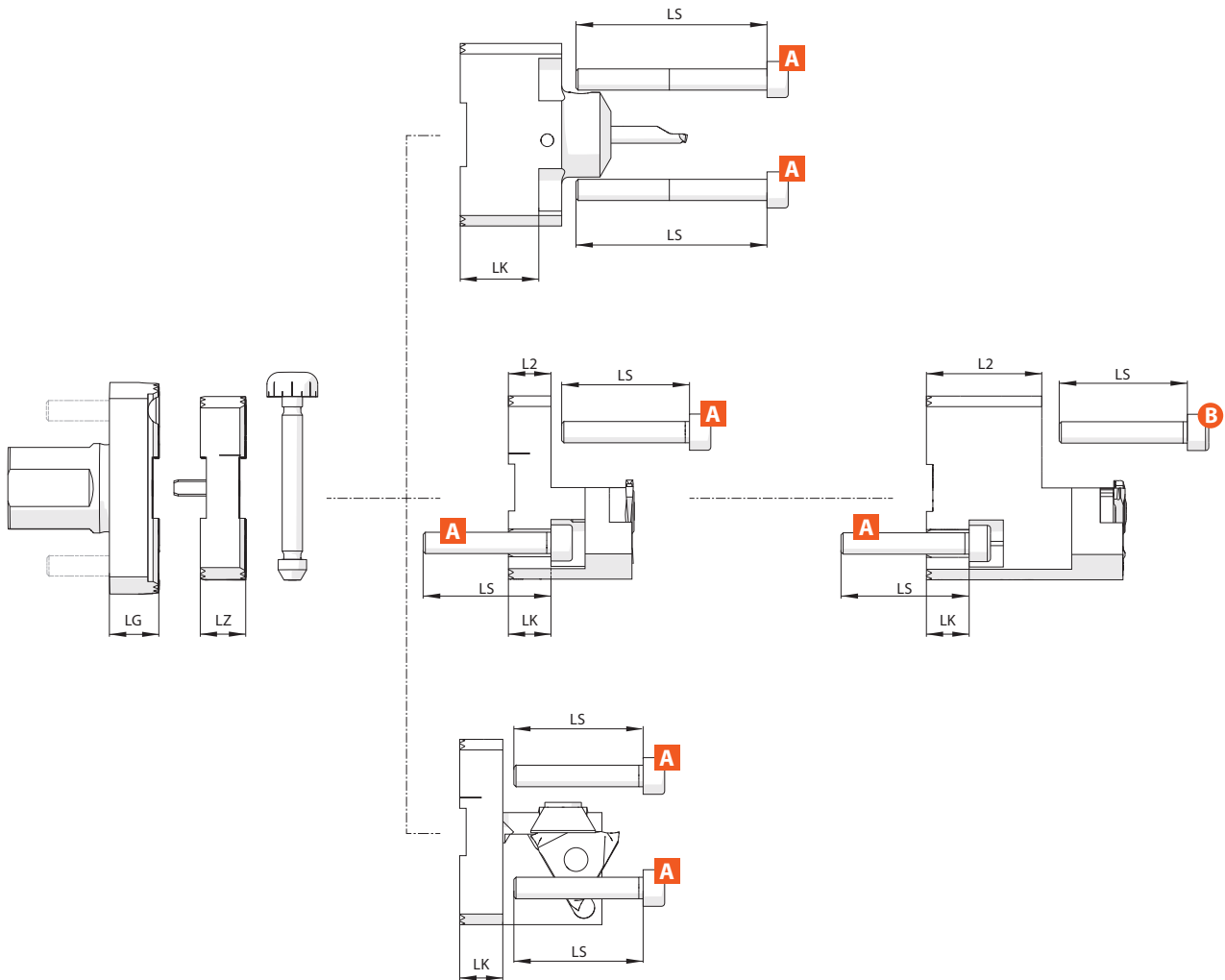
Digitale Anzeigeeinheit // Digital display unit (Muss separat bestellt werden // Must be ordered separately)



Artikelnummer
Part number **MOS.028.024.07**



Hinweis zur Schraubenlänge // Important note about the screw length



Berechnung der Schraubenlänge (LS) // Calculating of the screw length (LS)



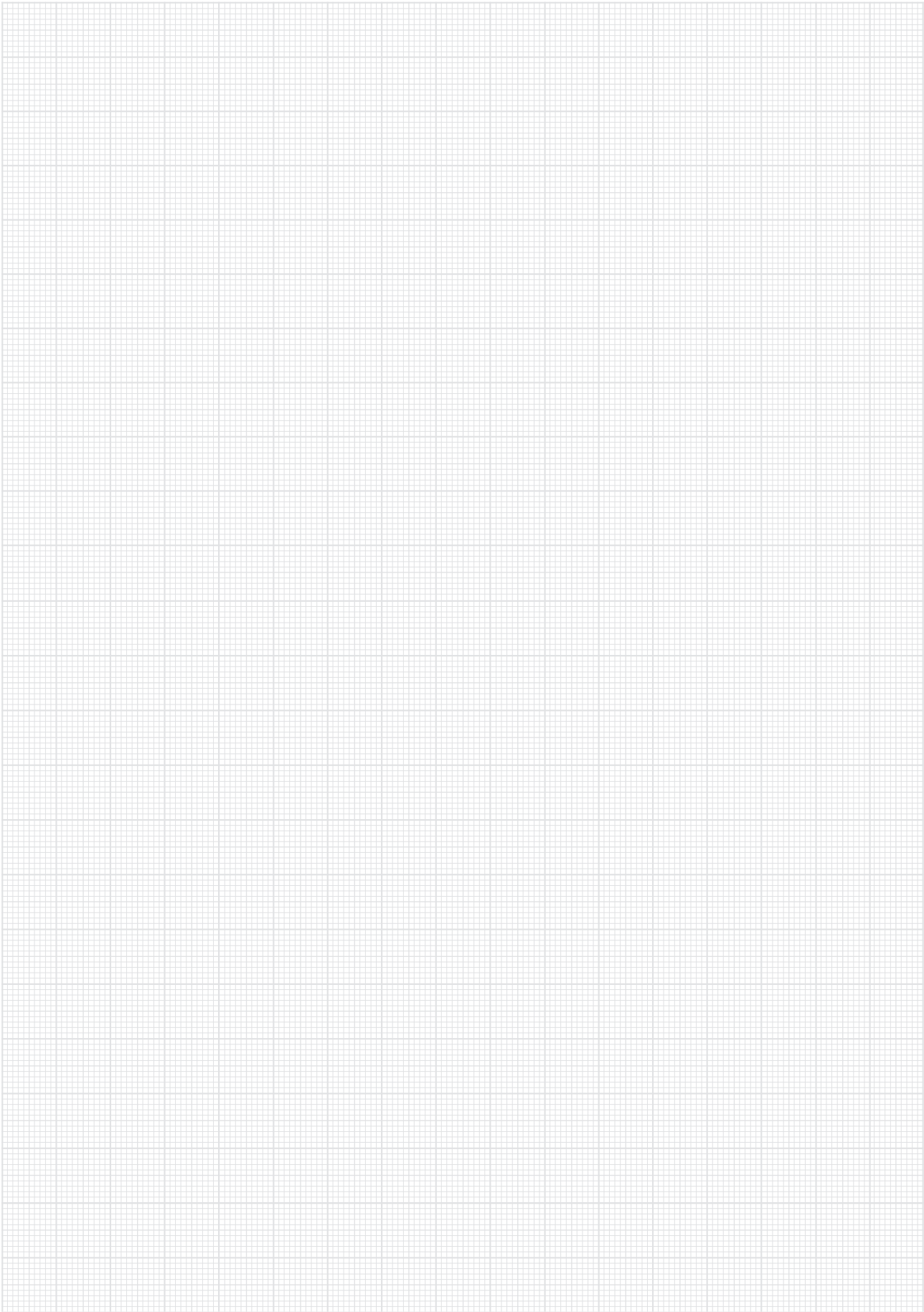
A $LS = LG + LZ + LK - 2 \text{ mm}$

B $LS = LG + LZ + L2 - 2 \text{ mm}$

Artikelnummer der Schrauben // Screw part number
Please refer to page 32

Beim Kauf von Grundhalter und Kassette oder Grundhalter mit Zwischenstück und Kassette sind Schrauben in passender Länge im Lieferumfang enthalten. Bitte beachten Sie, dass der Grundhalter hierbei auch ohne Zwischenstück benutzt werden kann. Sie können in allen anderen Fällen die oben genannte Formel für die Ermittlung der Schraubenlänge verwenden und diese bei uns bestellen.

When purchasing a basic holder and cassette or a basic holder with spacer and cassette, suitable screws are included in the scope of delivery. Please note that the basic holder can also be used without an spacer. In all other cases, you can use the above formula to determine the suitable screw length and order it from us.



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