



# KLAPPLAGER SAFETY CHUCKS

DE | EN



## **BEI HOHEN BELASTUNGEN FRAGEN KUNDEN NACH KLAPPLAGERN MIT MEHR QUALITÄT UND LEISTUNG.**

**Unsere Antwort heißt Herkunft und Herstellung vom Weltmarktführer.**

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Die Steh- und Flanschklapplager gibt es als klassische Normallager und mit austauschbaren Verschleißteilsätzen. Sie erfüllen somit höchste Prozess- und Qualitätsansprüche und können flexibel an Ihre individuellen Anforderungen angepasst werden. So bieten wir Lösungen für minimale Gewichte aber auch Lösungen für bis zu 64 Tonnen an.

## **FOR HIGH STRENGTH, CLIENTS REQUIRE BETTER QUALITY AND PERFORMANCE.**

**Our answer is source and manufacture by the world market leader.**

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The safety chucks in foot and flange version are available as classic chucks and with exchangeable wear parts. In this way, they fulfill high process and quality demands. Many dimensions can be flexibly adapted to your individual customer requirements. We offer solutions for minimum weights as well as solutions up to 64 tonnes.

# KLAPPLAGER SAFETY CHUCKS

## DE

S. 04 - 07	Klapplager - Stehlager
S. 08 - 11	Klapplager - Flanschlager
S. 12 - 13	Schiebe-Klapplager - Stehlager
S. 14 - 15	Schiebe-Klapplager - Flanschlager
S. 16 - 17	Klapplager Optionen

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## EN

S. 04 - 07	Safety chucks - foot version
S. 08 - 11	Safety chucks - flange version
S. 12 - 13	Sliding-safety chucks - foot version
S. 14 - 15	Sliding-safety chucks - flange version
S. 16 - 17	Safety chuck options

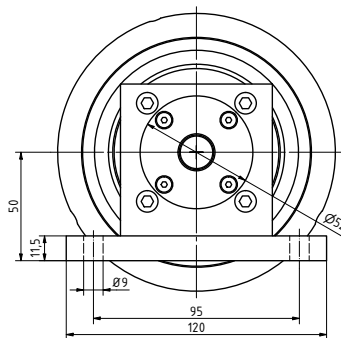
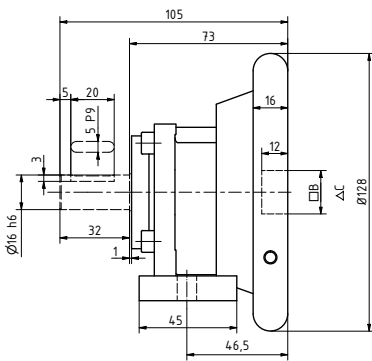
MEHR HIERZU IM NETZ



# KLAPPLAGER - STEHLAGER SAFETY CHUCKS - FOOT VERSION

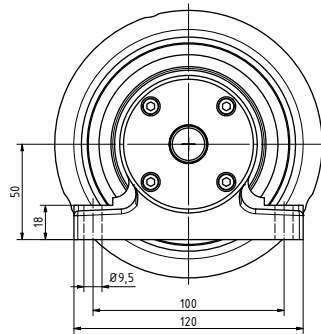
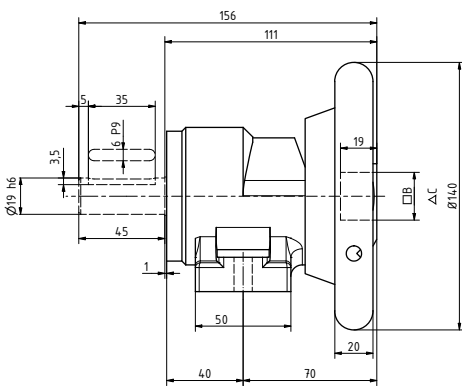


## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING



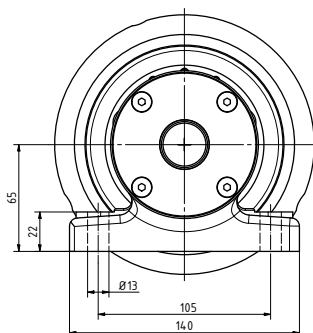
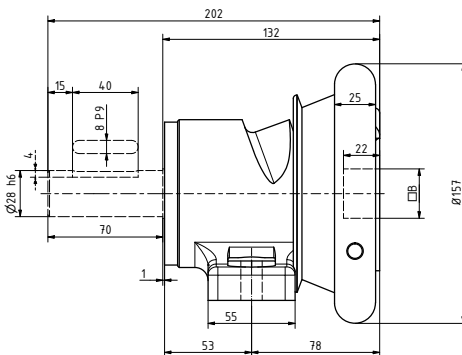
### KL 0150

max. Baumgewicht <i>max. beam weight</i>	150 kg
max. Drehmoment <i>max. torque</i>	40 Nm
Aufnahme <i>inserts</i>	A1, A3
Viereck <i>square</i>	□ B 14-20 mm
Dreieck <i>triangle</i>	△ C 20 mm



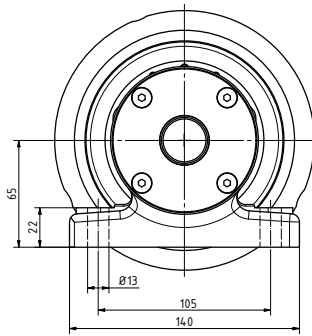
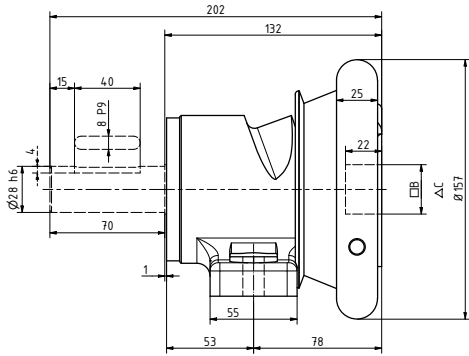
### KL 0400

max. Baumgewicht <i>max. beam weight</i>	400 kg
max. Drehmoment <i>max. torque</i>	120 Nm
Aufnahme <i>inserts</i>	A1, A3
Viereck <i>square</i>	□ B 19-25 mm
Dreieck <i>triangle</i>	△ C 20 mm



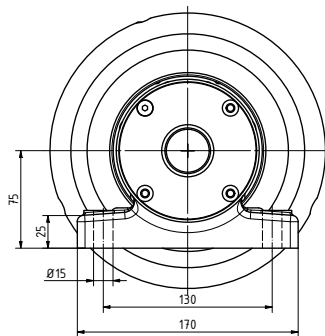
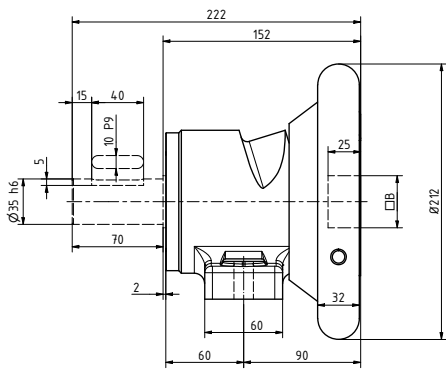
### KL 0800

max. Baumgewicht <i>max. beam weight</i>	800 kg
max. Drehmoment <i>max. torque</i>	180 Nm
Aufnahme <i>inserts</i>	A1
Viereck <i>square</i>	□ B 22-30 mm



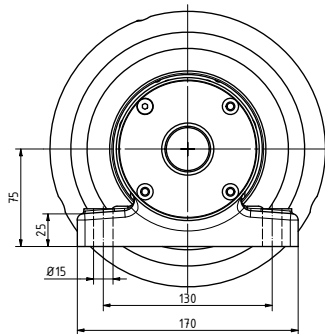
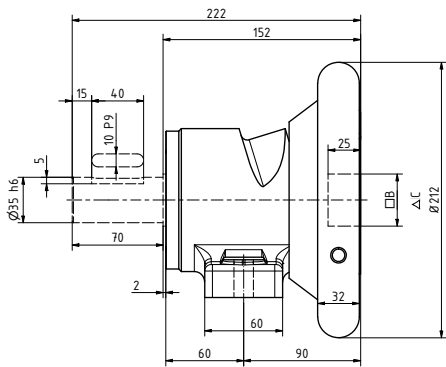
**KL 1000**

max. Baumgewicht max. beam weight	1000 kg
max. Drehmoment max. torque	200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 22-30 mm
Dreikant triangle	△ C 30 mm



**KL 1600**

max. Baumgewicht max. beam weight	1600 kg
max. Drehmoment max. torque	350 Nm
Aufnahme inserts	A1
Vierkant square	□ B 30-40 mm

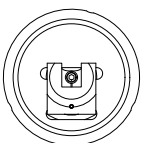


**KL 1800**

max. Baumgewicht max. beam weight	1800 kg
max. Drehmoment max. torque	380 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 30-40 mm
Dreikant triangle	△ C 36 mm

Classic Lager ohne Verschleißteil Einsatz  
Classic chucks without exchangeable wear parts

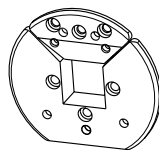
VT Lager mit Verschleißteil Einsatz  
VT chucks with exchangeable wear parts



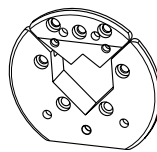
A1



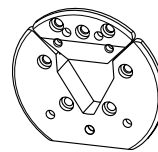
A3



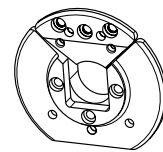
VT1



VT2<sup>1</sup>



VT3



VT7<sup>1</sup>

<sup>1</sup> Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %

<sup>1</sup> Note: reduced shaft weight at VT2 & VT7 chucks : max. shaft weight = 80 % ; reduced torque at VT2 max. torque = 70%

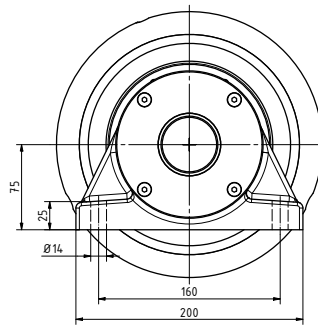
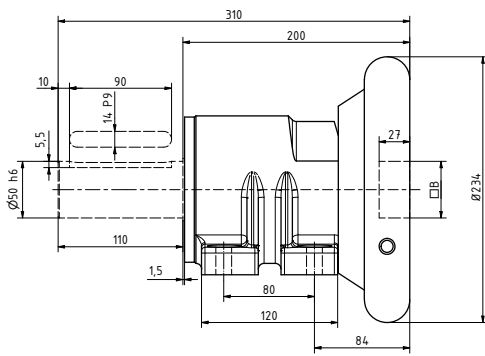
KONSTRUKTIONS-, MASS- U. DESIGNÄNDERUNGEN VORBEHALTEN.

CONSTRUCTION, DIMENSIONS AND DESIGN ARE SUBJECTS TO CHANGE WITHOUT NOTICE.

# KLAPPLAGER - STEHLAGER SAFETY CHUCKS - FOOT VERSION

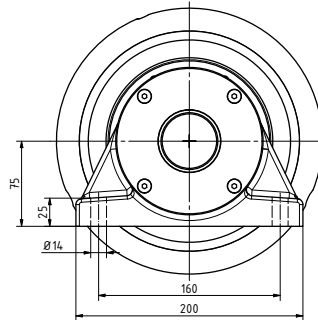
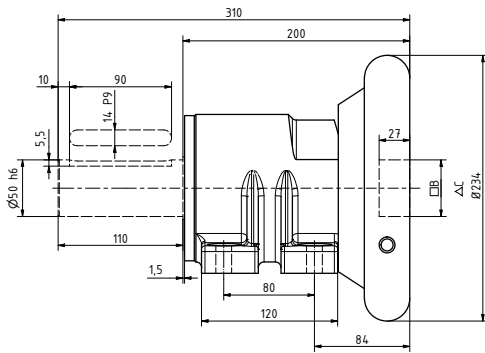


## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING



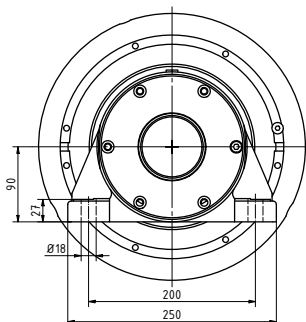
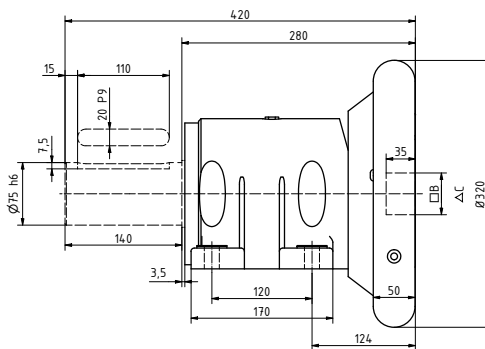
### KL 2800

max. Baumgewicht max. beam weight	2800 kg
max. Drehmoment max. torque	1100 Nm
Aufnahme inserts	A1
Vierkant square	□ B 40-50 mm



### KL 3000

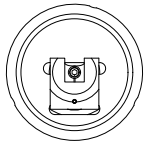
max. Baumgewicht max. beam weight	3000 kg
max. Drehmoment max. torque	1200 Nm
Aufnahme inserts	VT1, VT2', VT3, VT7'
Vierkant square	□ B 40-50 mm
Dreikant triangle	△ C 46 mm



### KL 7000

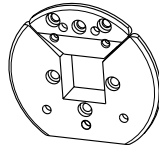
max. Baumgewicht max. beam weight	7000 kg
max. Drehmoment max. torque	2350 Nm
Aufnahme inserts	VT1, VT2', VT3, VT7'
Vierkant square	□ B 50-80 mm
Dreikant triangle	△ C 67 mm

Classic Lager ohne Verschleißteil Einsatz  
Classic chucks without exchangeable wear parts

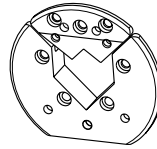


A1

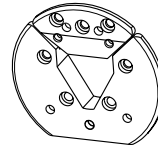
VT Lager mit Verschleißteil Einsatz  
VT chucks with exchangeable wear parts



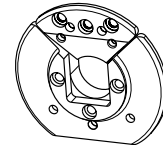
VT1



VT2 <sup>1</sup>



VT3



VT7 <sup>1</sup>

<sup>1</sup> Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %

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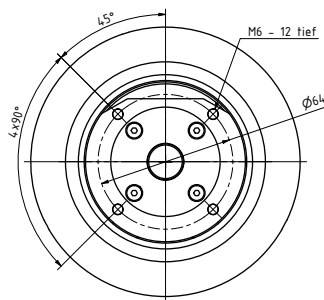
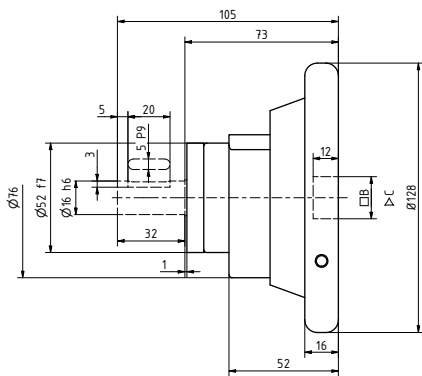
## ÜBERSICHT STEH-KLAPPLAGER OVERVIEW FOOT VERSION SAFETY CHUCKS

TYP TYPE	MAX. BAUMGEWICHT / KG MAX. BEAM WEIGHT / KG	MAX. DREHMOMENT / NM MAX. TORQUE / NM	AUFNAHMEMASS / MM INSERT DIMENSION / MM	SONDERWELLENENDE SPECIAL SHAFT END	CLASSIC LAGER CLASSIC CHUCK	VT LAGER VT CHUCK
KL 0150	150 kg	40 Nm	14-20 mm	★	★	
KL 0400	400 kg	120 Nm	19-25 mm	★	★	
KL 0800	800 kg	180 Nm	22-30 mm		★	
KL 1000	1000 kg	200 Nm	22-30 mm	★		★
KL 1600	1600 kg	350 Nm	30-40 mm		★	
KL 1800	1800 kg	380 Nm	30-40 mm	★		★
KL 2800	2800 kg	1100 Nm	40-50 mm		★	
KL 3000	3000 kg	1200 Nm	40-50 mm	★		★
KL 7000	7000 kg	2350 Nm	50-80 mm	★		★

# KLAPPLAGER - FLANSCHLAGER SAFETY CHUCKS - FLANGE VERSION

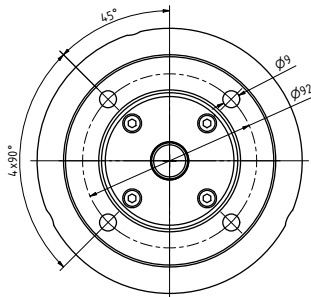
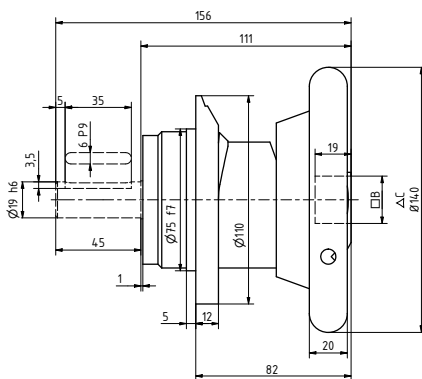


## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING



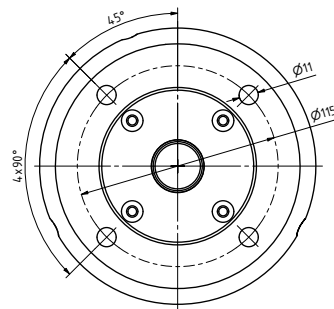
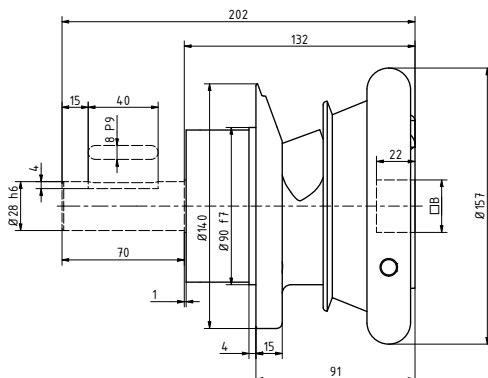
### KL 0150

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Aufnahme inserts	A1, A3
Vierkant square	$\square B$ 14-20 mm
Dreikant triangle	$\Delta C$ 20 mm



### KL 0400

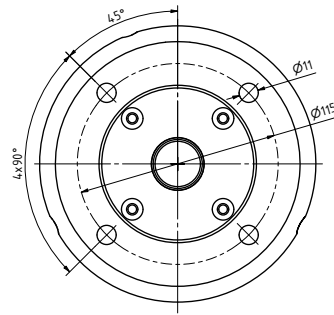
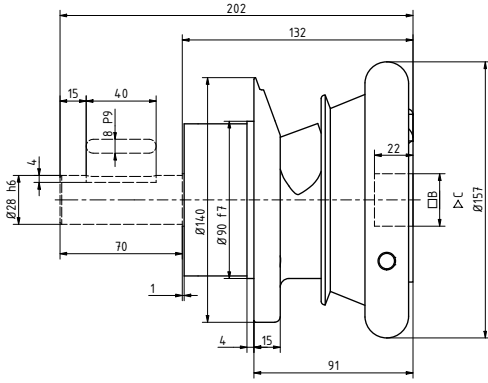
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Aufnahme inserts	A1, A3
Vierkant square	$\square B$ 19-25 mm
Dreikant triangle	$\Delta C$ 20 mm



### KL 0800

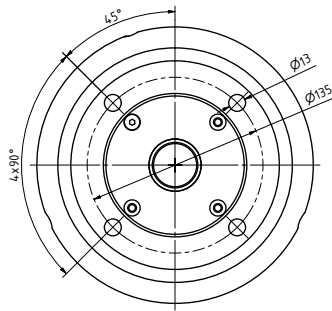
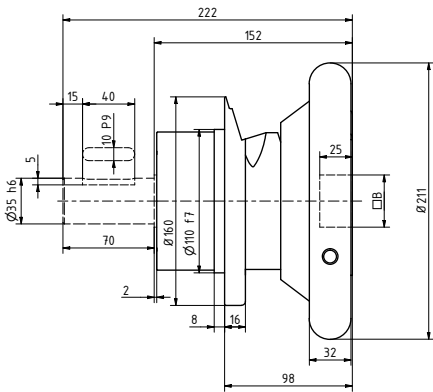
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Aufnahme inserts	A1
Vierkant square	$\square B$ 22-30 mm





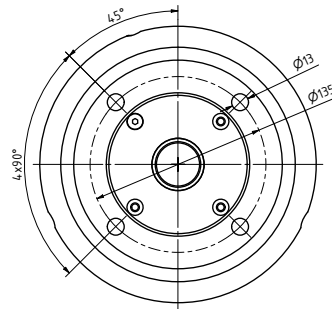
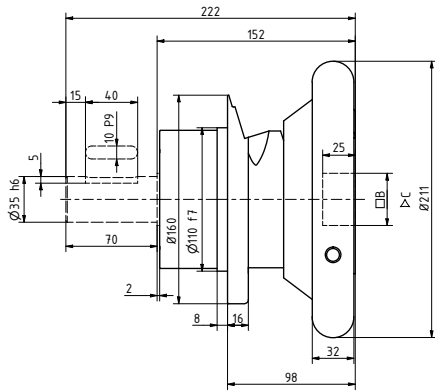
**KL 1000**

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Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 22-30 mm
Dreikant triangle	△ C 30 mm



**KL 1600**

max. Baumgewicht max. beam weight	1600 kg
max. Drehmoment max. torque	350 Nm
Aufnahme inserts	A1
Vierkant square	□ B 30-40 mm

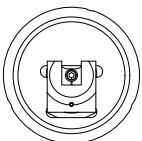


**KL 1800**

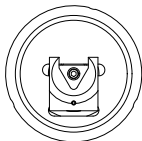
max. Baumgewicht max. beam weight	1800 kg
max. Drehmoment max. torque	380 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 30-40 mm
Dreikant triangle	△ C 36 mm

Classic Lager ohne Verschleißteil Einsatz  
Classic chucks without exchangeable wear parts

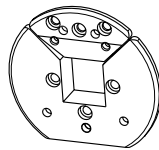
VT Lager mit Verschleißteil Einsatz  
VT chucks with exchangeable wear parts



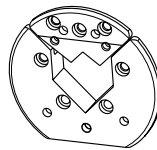
A1



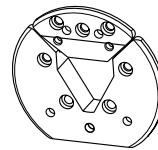
A3



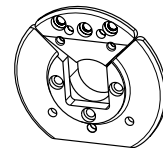
VT1



VT2 <sup>1</sup>



VT3



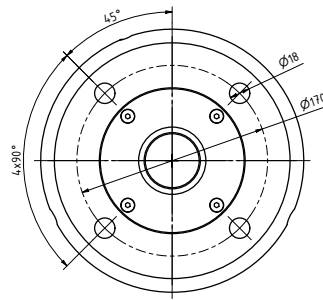
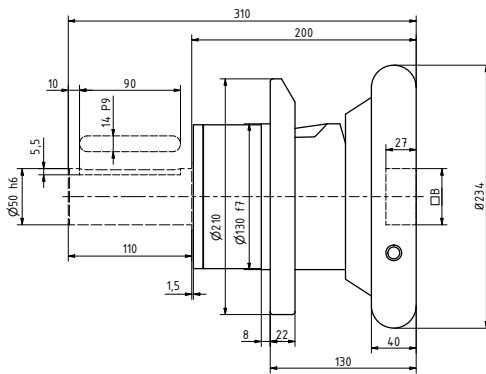
VT7 <sup>1</sup>

<sup>1</sup> Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %  
<sup>1</sup> Note: reduced shaft weight at VT2 & VT7 chucks : max. shaft weight = 80 % ; reduced torque at VT2 max. torque = 70%

# KLAPPLAGER - FLANSCHLAGER SAFETY CHUCKS - FLANGE VERSION

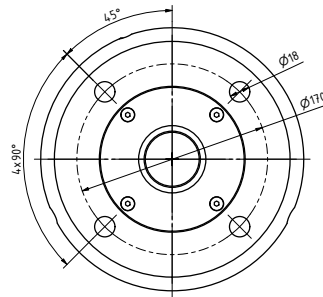
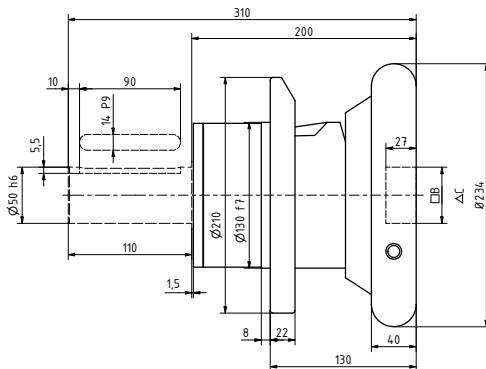


## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING



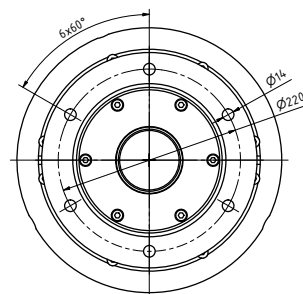
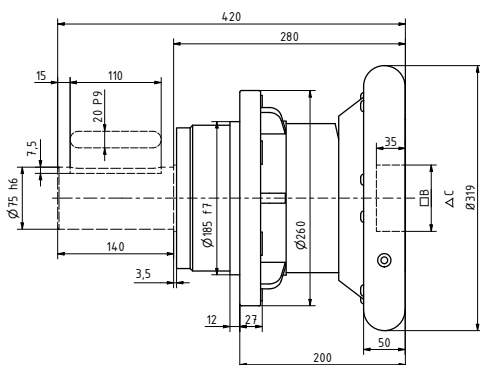
### KL 2800

max. Baumgewicht max. beam weight	2800 kg
max. Drehmoment max. torque	1100 Nm
Aufnahme inserts	A1
Vierkant square	B 40-50 mm



### KL 3000

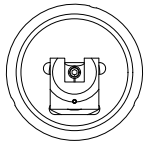
max. Baumgewicht max. beam weight	3000 kg
max. Drehmoment max. torque	1200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	B 40-50 mm
Dreikant triangle	C 46 mm



### KL 7000

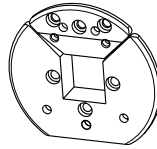
max. Baumgewicht max. beam weight	7000 kg
max. Drehmoment max. torque	2350 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	B 50-80 mm
Dreikant triangle	C 67 mm

Classic Lager ohne Verschleißteil Einsatz  
Classic chucks without exchangeable wear parts

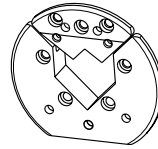


A1

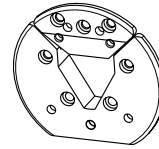
VT Lager mit Verschleißteil Einsatz  
VT chucks with exchangeable wear parts



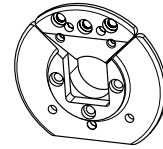
VT1



VT2<sup>1</sup>



VT3



VT7<sup>1</sup>

<sup>1</sup>Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %

<sup>1</sup>Note: reduced shaft weight at VT2 & VT7 chucks : max. shaft weight = 80 % ; reduced torque at VT2 max. torque = 70%

KONSTRUKTIONS-, MASS- U. DESIGNÄNDERUNGEN VORBEHALTEN.

CONSTRUCTION, DIMENSIONS AND DESIGN ARE SUBJECTS TO CHANGE WITHOUT NOTICE.

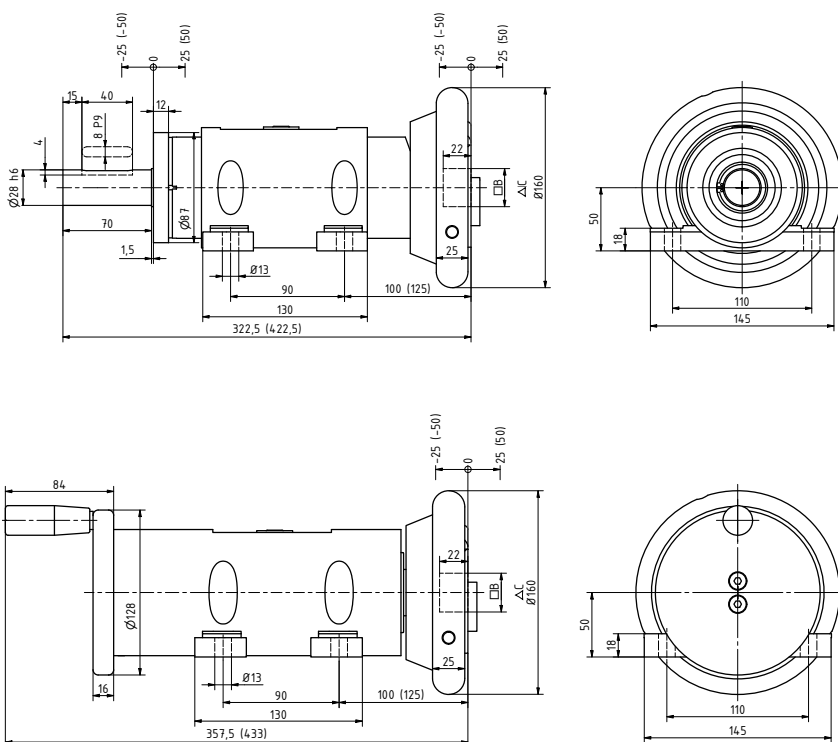
## ÜBERSICHT KLAPPLAGER ALS FLANCSHLAGER OVERVIEW SAFETY CHUCKS FLANGE VERSION

TYP TYPE	MAX. BAUMGEWICHT / KG MAX. BEAM WEIGHT / KG	MAX. DREHMOMENT / NM MAX. TORQUE / NM	AUFNAHMEMASS / MM INSERT DIMENSION / MM	SONDERWELLENENDE SPECIAL SHAFT END	CLASSIC LAGER CLASSIC CHUCK	VT LAGER VT CHUCK
KL 0150	150 kg	40 Nm	14-20 mm	★	★	
KL 0400	400 kg	120 Nm	19-25 mm	★	★	
KL 0800	800 kg	180 Nm	22-30 mm		★	
KL 1000	1000 kg	200 Nm	22-30 mm	★		★
KL 1600	1600 kg	350 Nm	30-40 mm		★	
KL 1800	1800 kg	380 Nm	30-40 mm	★		★
KL 2800	2800 kg	1100 Nm	40-50 mm		★	
KL 3000	3000 kg	1200 Nm	40-50 mm	★		★
KL 7000	7000 kg	2350 Nm	50-80 mm	★		★

# SCHIEBE-KLAPPLAGER - STEHLAGER SLIDING-SAFETY CHUCKS - FOOT VERSION



## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING

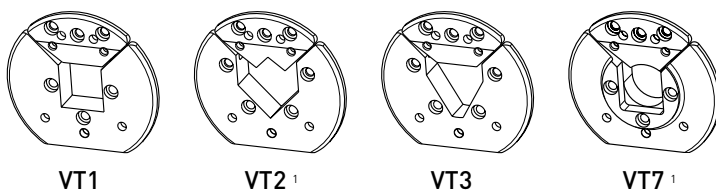


### SKL 1000

max. Baumgewicht max. beam weight	1000 kg
max. Drehmoment max. torque	200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 22-30 mm
Dreieck triangle	△ C 30 mm
Schiebeweg axial adjustment	± 25 / ± 50*

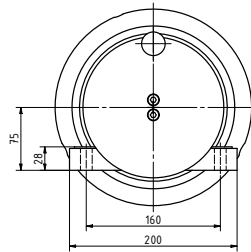
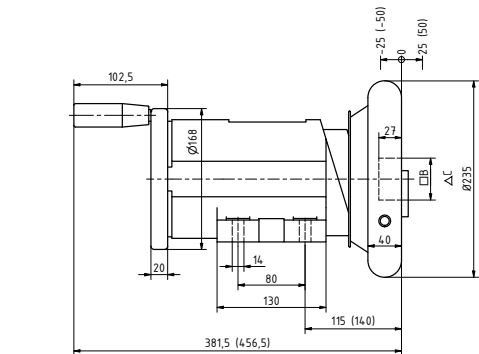
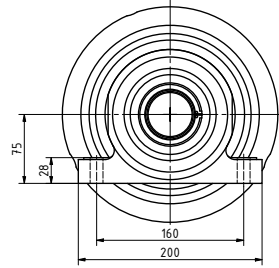
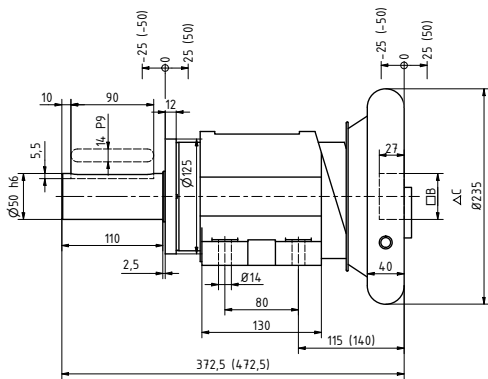
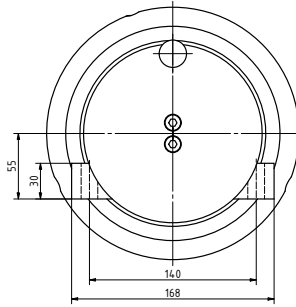
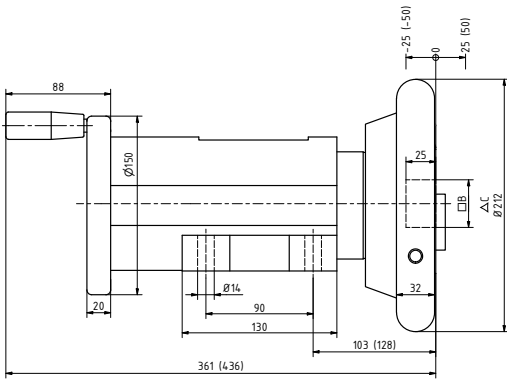
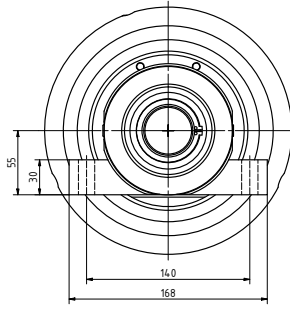
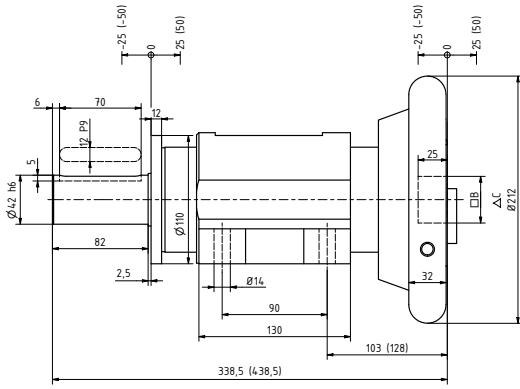
\* siehe Werte in Klammern / see values in brackets

### VT Lager mit Verschleißteil Einsatz VT chucks with exchangeable wear parts



<sup>1</sup> Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %  
<sup>1</sup> Note: reduced shaft weight at VT2 & VT7 chucks: max. shafts weight = 80 %; reduced torque at VT2 max. torque = 70%

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SKL 1800

max. Baumgewicht max. beam weight	1800 kg
max. Drehmoment max. torque	380 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 30-40 mm
Dreikant triangle	△ C 36 mm
Schiebeweg axial adjustment	↔ ± 25 / ± 50*

\* siehe Werte in Klammern / see values in brackets

SKL 3000

max. Baumgewicht max. beam weight	3000 kg
max. Drehmoment max. torque	1200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 40-50 mm
Dreikant triangle	△ C 46 mm
Schiebeweg axial adjustment	↔ ± 25 / ± 50*

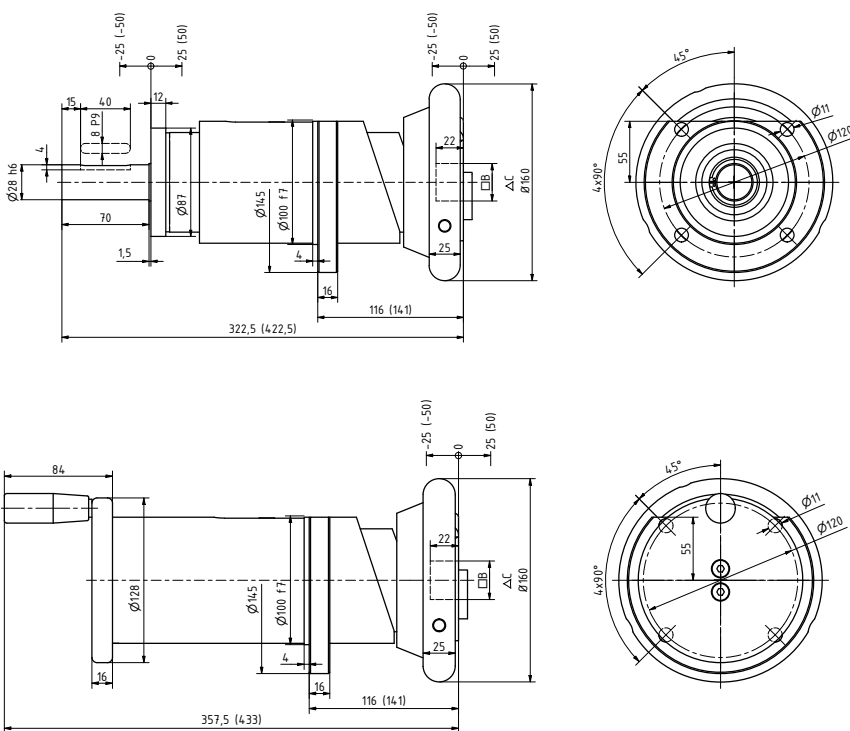
\* siehe Werte in Klammern / see values in brackets

TYP TYPE	MAX. BAUMGEWICHT / KG MAX. BEAM WEIGHT / KG	MAX. DREHMOMENT / NM MAX. TORQUE / NM	AUFNAHMEMASS / MM INSERT DIMENSION / MM	SONDERWELLENENDE SPECIAL SHAFT END	CLASSIC LAGER CLASSIC CHUCK	VT LAGER VT CHUCK
SKL 1000	1000 kg	200 Nm	22-30 mm	★		★
SKL 1800	1800 kg	380 Nm	30-40 mm	★		★
SKL 3000	3000 kg	1200 Nm	40-50 mm	★		★

# SCHIEBE-KLAPPLAGER - FLANSCHLAGER SLIDING-SAFETY CHUCKS - FLANGE VERSION



## TECHNISCHE ZEICHNUNG | TECHNICAL DRAWING

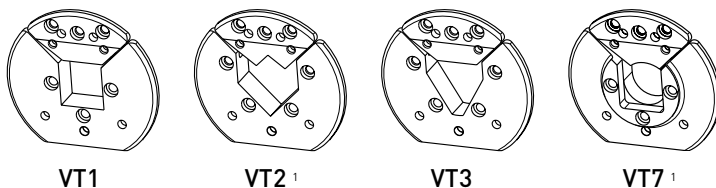


### SKL 1000

max. Baumgewicht max. beam weight	1000 kg
max. Drehmoment max. torque	200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	□ B 22-30 mm
Dreieck triangle	△ C 30 mm
Schiebeweg axial adjustment	± 25 / ± 50*

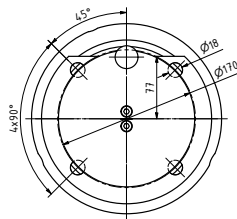
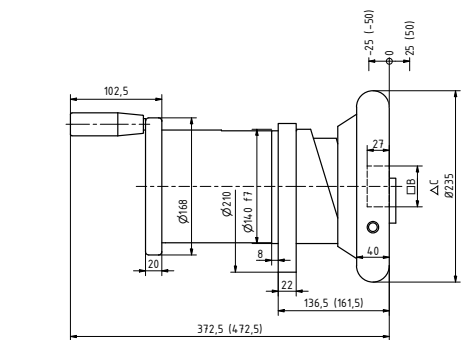
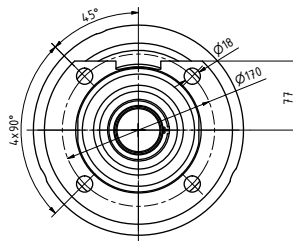
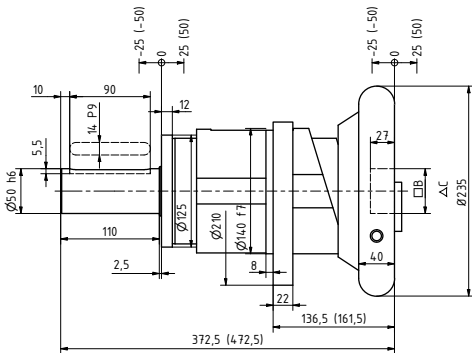
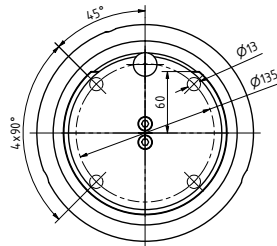
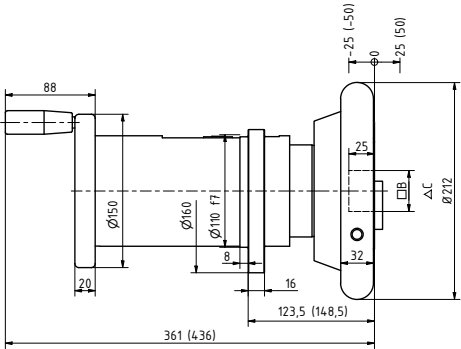
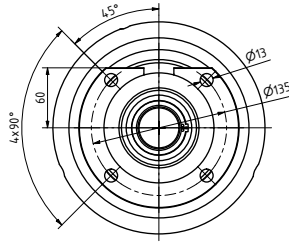
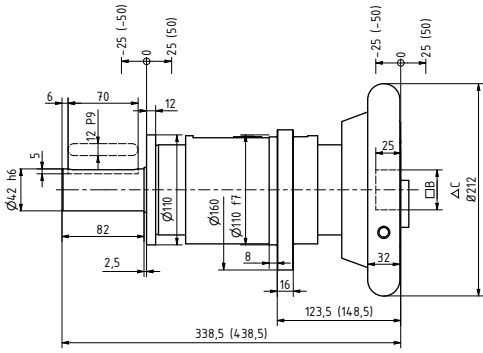
\* siehe Werte in Klammern / see values in brackets

### VT Lager mit Verschleißteil Einsatz VT chucks with exchangeable wear parts



<sup>1</sup> Achtung: reduziertes Wellengewicht bei VT2 & VT7 Lagern: max. Wellengewicht = 80 %; reduziertes Drehmoment bei VT2 Lagern: max. Drehmoment = 70 %  
<sup>1</sup> Note: reduced shaft weight at VT2 & VT7 chucks: max. shafts weight = 80 %; reduced torque at VT2 max. torque = 70%

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**SKL 1800**

max. Baumgewicht max. beam weight	1800 kg
max. Drehmoment max. torque	380 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	$\square$ B 30-40 mm
Dreikant triangle	$\Delta$ C 36 mm
Schiebeweg axial adjustment	$\leftrightarrow$ $\pm 25 / \pm 50^*$

\* siehe Werte in Klammern / see values in brackets

**SKL 3000**

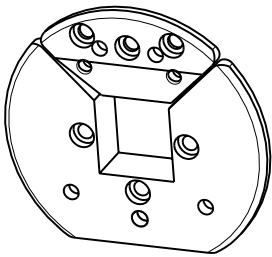
max. Baumgewicht max. beam weight	3000 kg
max. Drehmoment max. torque	1200 Nm
Aufnahme inserts	VT1, VT2 <sup>1</sup> , VT3, VT7 <sup>1</sup>
Vierkant square	$\square$ B 40-50 mm
Dreikant triangle	$\Delta$ C 46 mm
Schiebeweg axial adjustment	$\leftrightarrow$ $\pm 25 / \pm 50^*$

\* siehe Werte in Klammern / see values in brackets

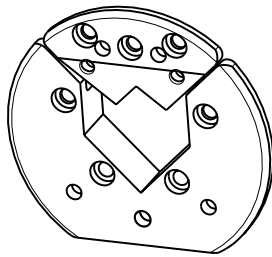
TYP TYPE	MAX. BAUMGEWICHT / KG MAX. BEAM WEIGHT / KG	MAX. DREHMOMENT / NM MAX. TORQUE / NM	AUFNAHMEMASS / MM INSERT DIMENSION / MM	SONDERWELLENENDE SPECIAL SHAFT END	CLASSIC LAGER CLASSIC CHUCK	VT LAGER VT CHUCK
SKL 1000	1000 kg	200 Nm	22-30 mm	★		★
SKL 1800	1800 kg	380 Nm	30-40 mm	★		★
SKL 3000	3000 kg	1200 Nm	40-50 mm	★		★

# KLAPPLAGER OPTIONEN SAFETY CHUCK OPTIONS

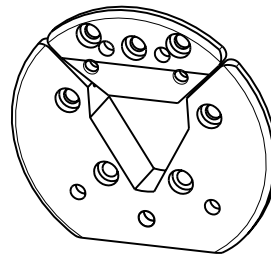
## Verschleißteileinsätze / VT wear parts



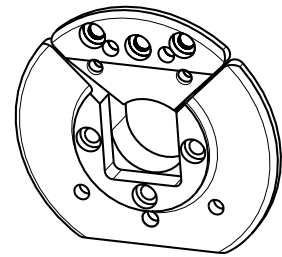
VT1



VT2



VT3



VT7

### Bitte beachten Sie bei VT2 und VT7 Lagern / Please note when using VT2 and VT7 chucks

#### VT2, VT7

max Gewicht  
*max weight*

0,8 x Katalogangabe  
*0.8 x catalog values*

#### VT2, VT7

max. Drehmoment  
*max. torque*

0,7 x Katalogangabe  
*0.7 x catalog values*

## Wellenende / Shaft end

TYP / TYPE	MAX. DURCHMESSER / MAX. DIAMETER
KL 1000	Ø 30 mm
KL 1800	Ø 45 mm
KL 3000	Ø 55 mm

Sonderwellenenden auf Anfrage  
*Special shaft ends on request*

## Handradverriegelung / handwheel locking



HRV links / left



HRV rechts / right

Beim Einsatz in Wendewicklern wird aus Sicherheitsgründen eine Handradverriegelung empfohlen!

*When using safety chucks in turret winders, a handwheel locking is recommended due to safety reasons!*







winding technology components

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