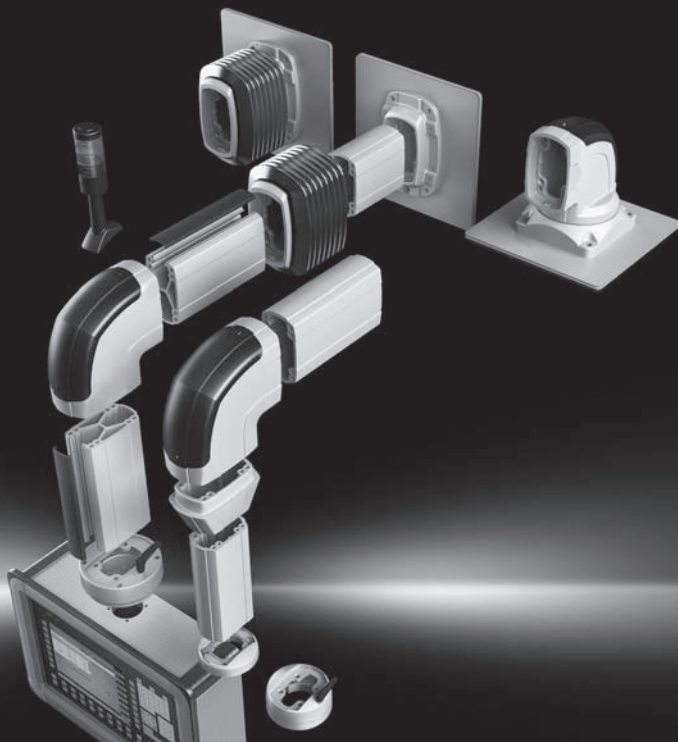


# Rittal – The System.

Faster – better – everywhere.



**Tragarmsystem CP 180**

**Support arm system CP 180**

**Bras porteur CP 180**

**Draagarmsysteem CP 180**

**Bäarmssystem CP 180**

**Sistema a braccio portante CP 180**

**Sistema de brazo soporte CP 180**

**サポートアームシステム CP 180**

CP 6212.900

CP 6218.150

CP 6218.600

CP 6218.740

CP 6218.050

CP 6218.200

CP 6218.620

CP 6218.820

CP 6218.100

CP 6218.210

CP 6218.640

CP 6218.110

CP 6218.300

CP 6218.700

**Montage- und Bedienungsanleitung**  
**Assembly and operating instructions**  
**Notice d'emploi et de montage**  
**Montage- en bedieningshandleiding**  
**Montage- och bruksanvisning**  
**Istruzioni di montaggio**  
**Instrucciones de montaje**  
**取扱説明書**

ENCLOSURES

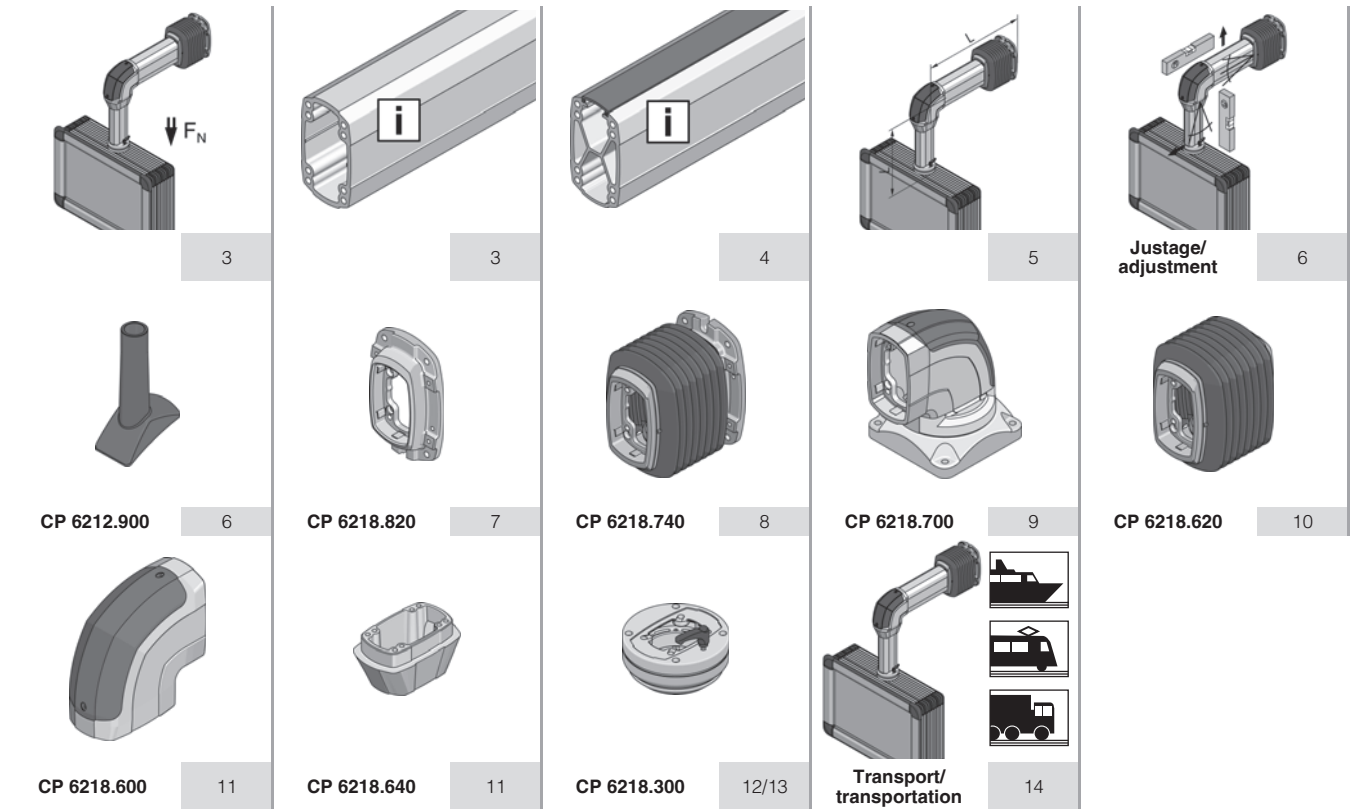
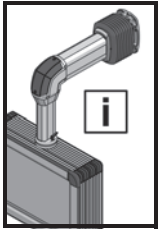
POWER DISTRIBUTION

CLIMATE CONTROL

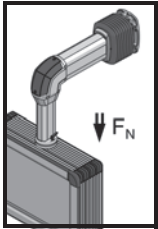
IT INFRASTRUCTURE

SOFTWARE & SERVICES





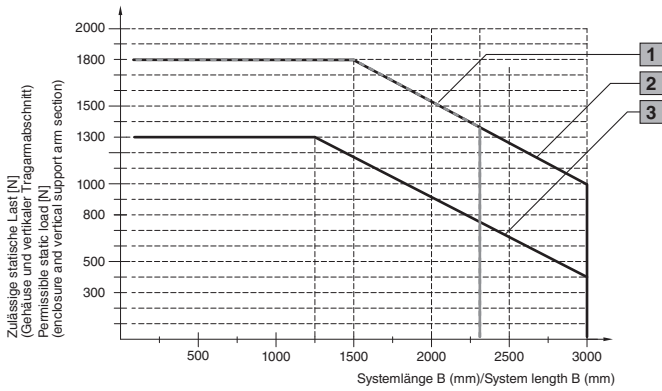
- D**
- **GEFAHR!**  
Unmittelbare Gefahr für Leib und Leben.  
Halten Sie die auf Seite 3 vorgegebenen Belastungsangaben ein.  
Halten Sie alle vorgegebenen Drehmomentangaben ein. Ein Über- bzw. Unterschreiten der in dieser Anleitung vorgegebenen Anzugsdrehmomente kann zu Anlagenschäden oder zu schweren bis hin zu tödlichen Verletzungen führen.
  - Die Montage weiterer gehäuseseitiger Komponenten ist der Montageanleitung Tragarmsystem 120 zu entnehmen.
  - Es sind geeignete Maßnahmen zur stabilen und dauerhaften Befestigung des Tragarmsystems an der Montagefläche zu ergreifen!
- 
- EN**
- **DANGER!**  
Immediate danger to life and limb.  
Observe the load specifications given on page 3.  
Observe all specified tightening torques. If screws or bolts are tightened with torques greater or less than those specified in these instructions, this may result in damage and serious or even fatal injuries.
  - For mounting components required for connection to the housing, please refer to the support arm system 120 assembly instructions.
  - Please ensure that the support arm system is securely and permanently fastened to the mounting surface!



**D** **EN**

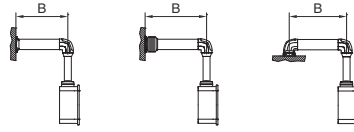
## Belastbarkeit/Load capacity

Zulässige Belastung in Abhängigkeit vom Systemaufbau  
Permissible load depending on system configuration



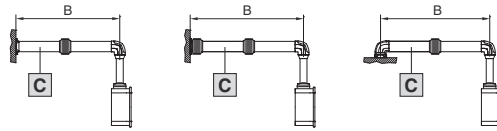
- 1** Mit geschlossenem oder offenem Tragprofil  
With support section solid or open
- 2** Mit geschlossenem Tragprofil  
With support section solid
- 3** Mit offenem Tragprofil  
With support section open

- 1** Systemaufbau ohne Zwischengelenk, CP 6218.620  
System structure without intermediate hinge, CP 6218.620



B max. = 2300 mm

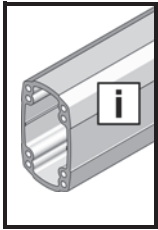
- 2** **3** Systemaufbau mit Zwischengelenk CP 6218.620  
System structure with intermediate hinge CP 6218.620



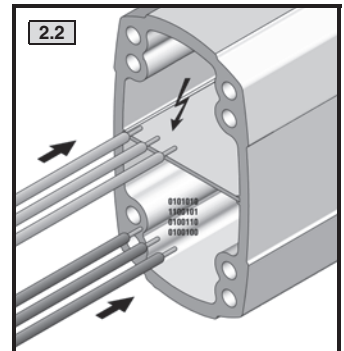
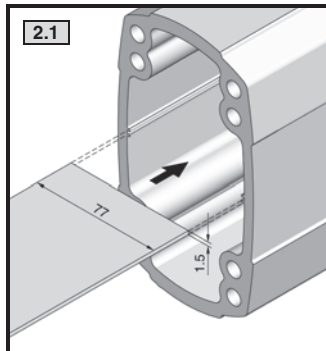
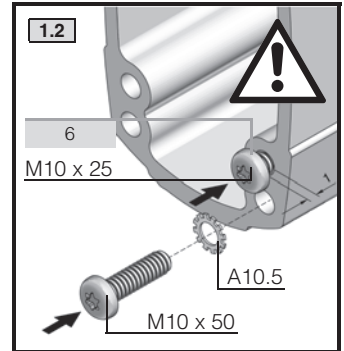
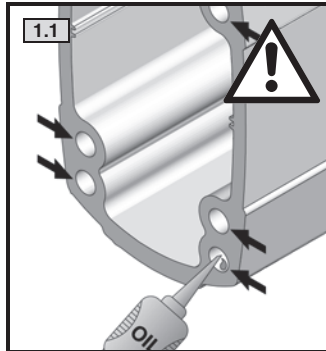
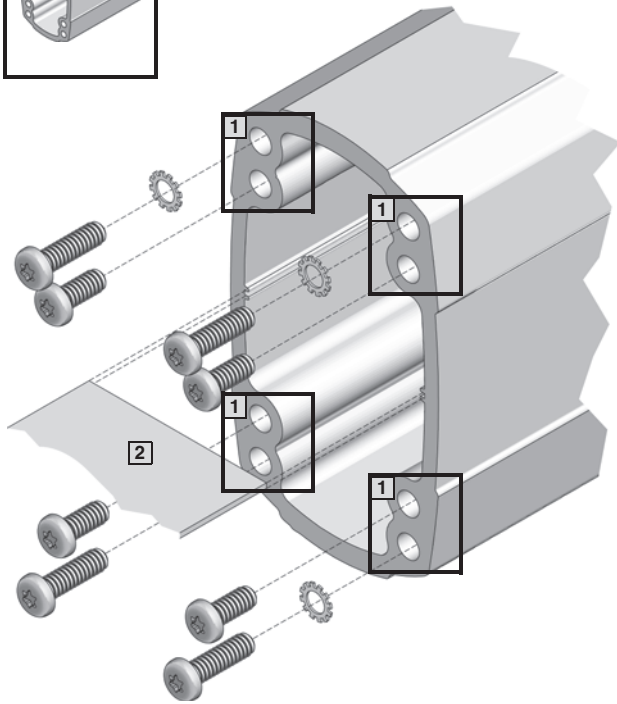
B max. = 3000 mm

Zwischengelenk CP 6218.620 je System nur einmal verwenden!  
Intermediate hinge CP 6218.620 only once per system!

- C** Rittal empfiehlt, den Tragprofilabschnitt möglichst mit geschlossenem Tragprofil auszuführen.  
Rittal advises to use support arm section with solid support section if possible.



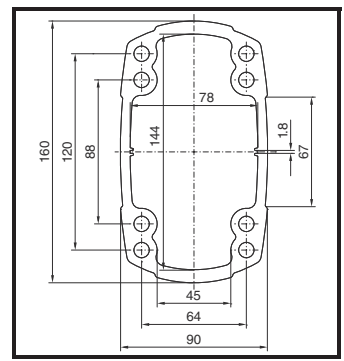
**TX45**

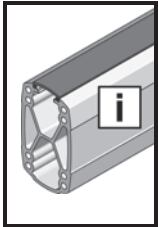


500 mm	<b>CP 6218.050</b>
1000 mm	<b>CP 6218.100</b>
2000 mm	<b>CP 6218.200</b>

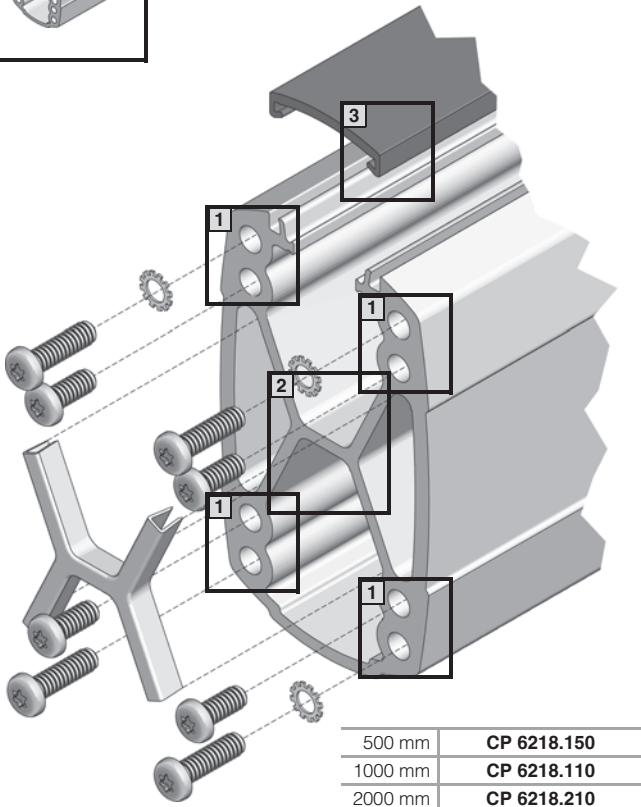
<b>D</b>	<b>1</b> kein Gewindeschneiden!
<b>EN</b>	<b>1</b> No threading!
<b>F</b>	<b>1</b> Pas de filetage !
<b>E</b>	<b>1</b> ¡No usar macho de roscar!
<b>I</b>	<b>1</b> Nessuna filettatura!
<b>NL</b>	<b>1</b> Geen schroefdraad snijden!
<b>S</b>	<b>1</b> Ingen gängning!
<b>J</b>	<b>1</b> ねじ切り無用

<b>2</b>	Optional
<b>2</b>	Optional
<b>2</b>	Facultatif
<b>2</b>	Opcional
<b>2</b>	Opzionale
<b>2</b>	Optioneel
<b>2</b>	Tillval
<b>2</b>	オプション

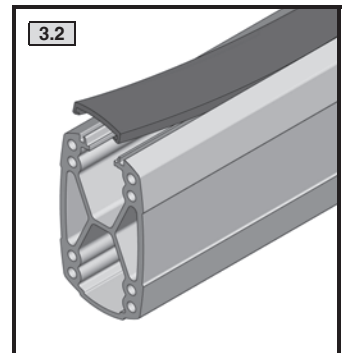
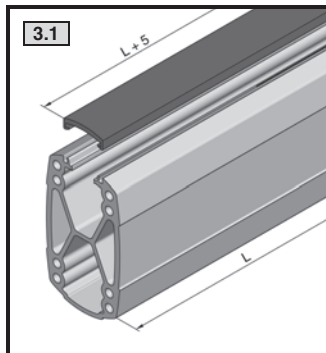
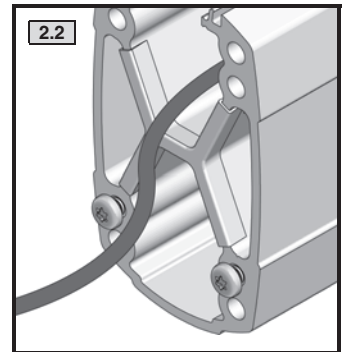
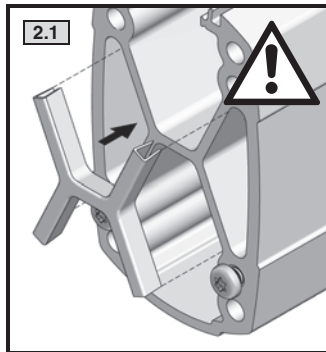
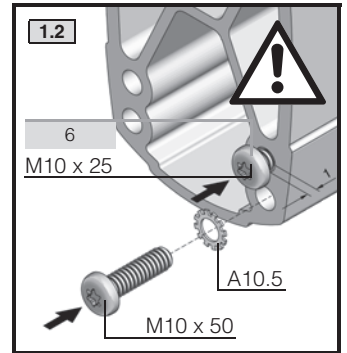
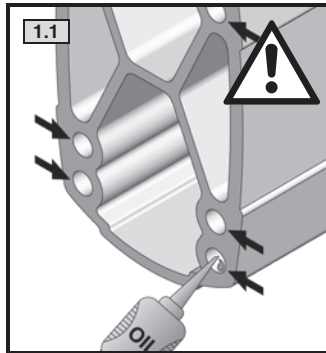




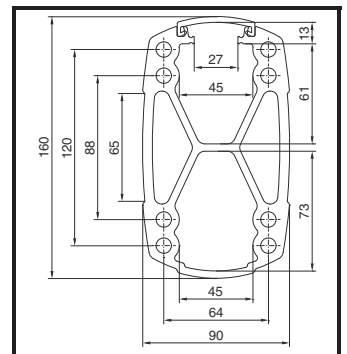
**TX45**

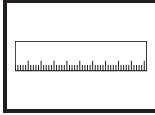
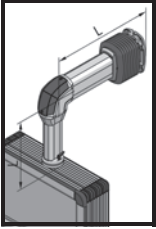


500 mm	<b>CP 6218.150</b>
1000 mm	<b>CP 6218.110</b>
2000 mm	<b>CP 6218.210</b>

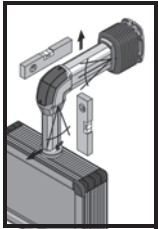


- D** 1 kein Gewindeschneiden!
- EN** 1 No threading!
- F** 1 Pas de filetage !
- E** 1 ¡No usar macho de roscar!
- I** 1 Nessuna filettatura!
- NL** 1 Geen schroefdraad snijden!
- S** 1 Ingen gängning!
- J** 1 ねじ切り無用

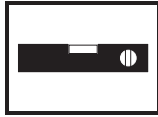




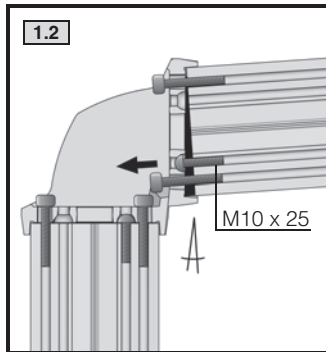
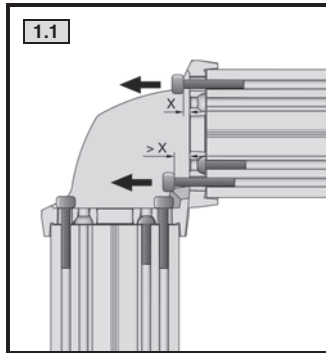
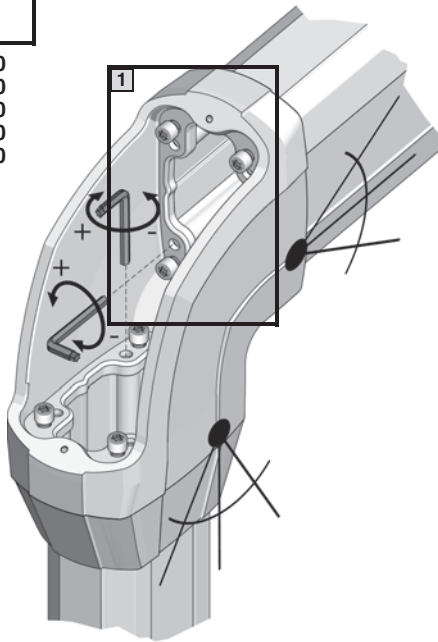
500 mm	5,25 kg	<b>CP 6218.050</b>	500 mm	5,55 kg	<b>CP 6218.150</b>
1000 mm	10,5 kg	<b>CP 6218.100</b>	1000 mm	11,1 kg	<b>CP 6218.110</b>
2000 mm	21,0 kg	<b>CP 6218.200</b>	2000 mm	22,2 kg	<b>CP 6218.210</b>
				5,0 kg	<b>CP 6218.820</b>
13,0 kg		<b>CP 6218.740</b>		18,0 kg	
				<b>CP 6218.700</b>	
				10,3 kg	
				<b>CP 6218.620</b>	
3,6 kg		<b>CP 6218.600</b>		1,5 kg	
				<b>CP 6218.640</b>	
				0,6 kg	
				<b>CP 6212.900</b>	
4,2 kg		<b>CP 6218.300</b>			



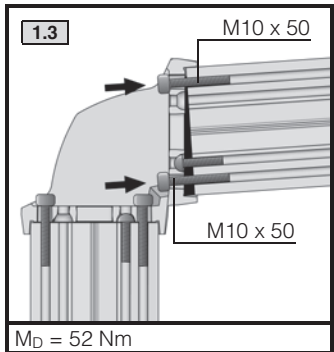
TX45



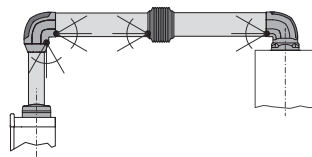
CP 6218.600  
 CP 6218.620  
 CP 6218.700  
 CP 6218.740  
 CP 6218.820



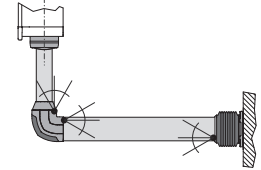
<b>D</b>	System entlasten
<b>EN</b>	System strain relief
<b>F</b>	Déverrouiller le système
<b>E</b>	Desbloquear el sistema
<b>I</b>	Scaricare il sistema
<b>NL</b>	Systeem ontlasten
<b>S</b>	Avlasta systemet
<b>J</b>	角度調整



CP 6218.600  
 CP 6218.620  
 CP 6218.700



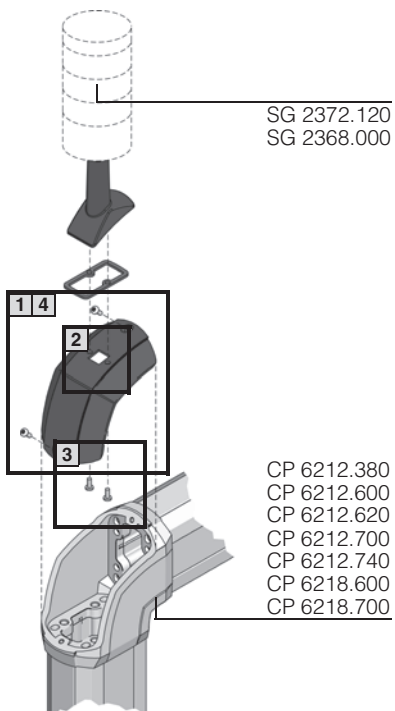
CP 6218.600  
 CP 6218.740



TX25

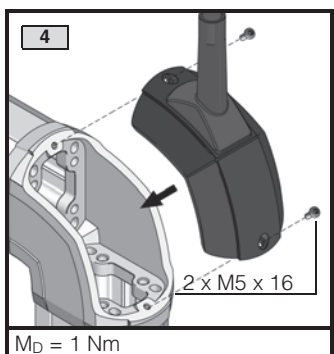
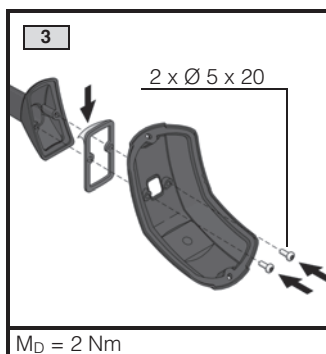
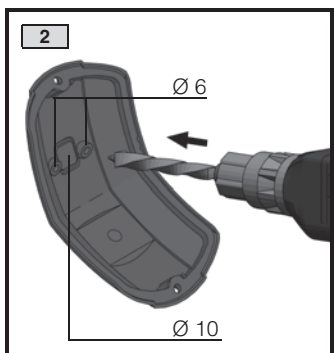
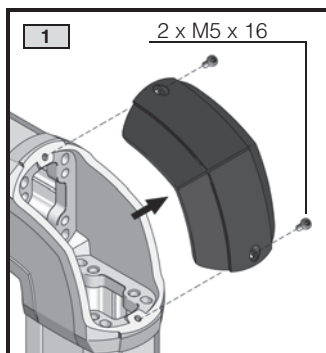


CP 6212.900



SG 2372.120  
 SG 2368.000

CP 6212.380  
 CP 6212.600  
 CP 6212.620  
 CP 6212.700  
 CP 6212.740  
 CP 6218.600  
 CP 6218.700



M<sub>D</sub> = 2 Nm

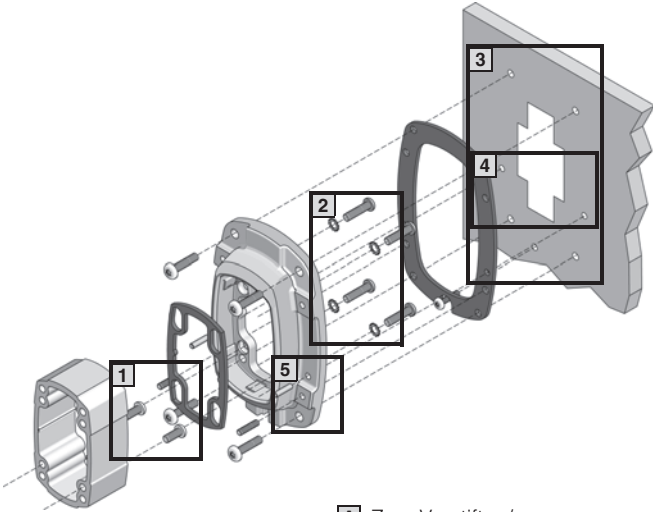
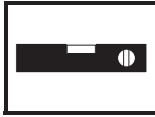
M<sub>D</sub> = 1 Nm



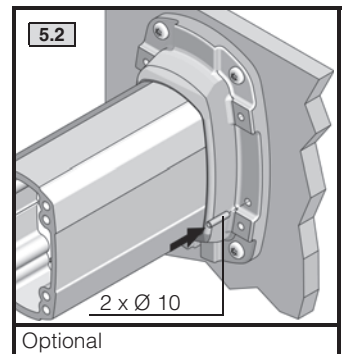
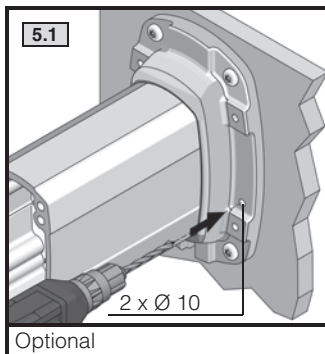
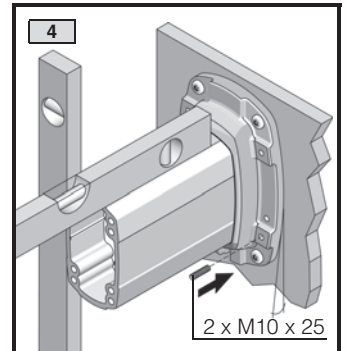
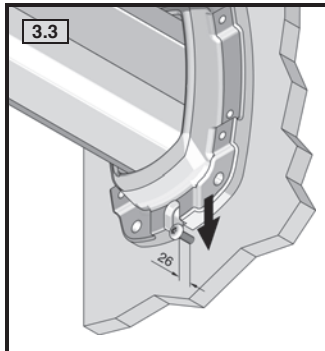
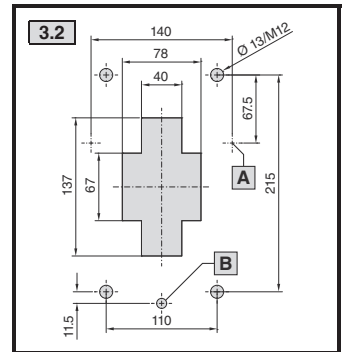
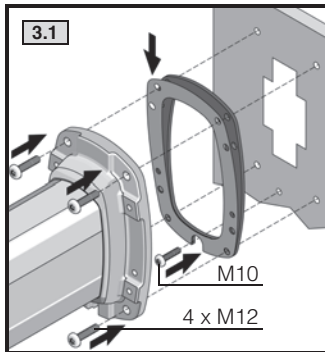
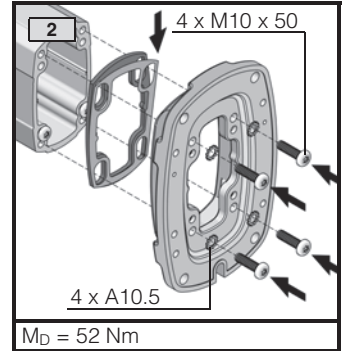
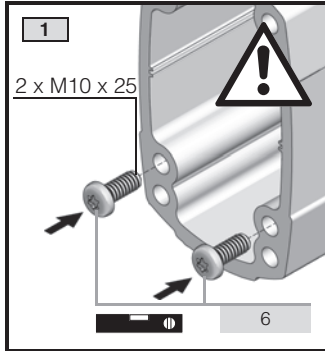


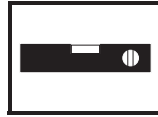
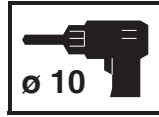
CP 6218.820

TX45

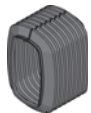


- A** Zum Verfestigen/  
Attachment by means of pins
- B** Optional: M10

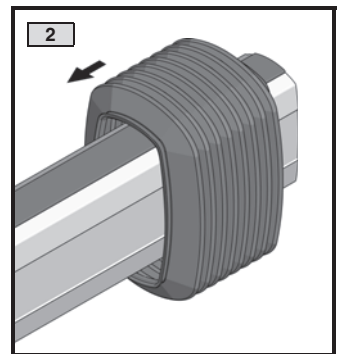
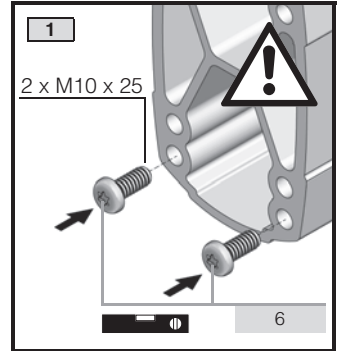
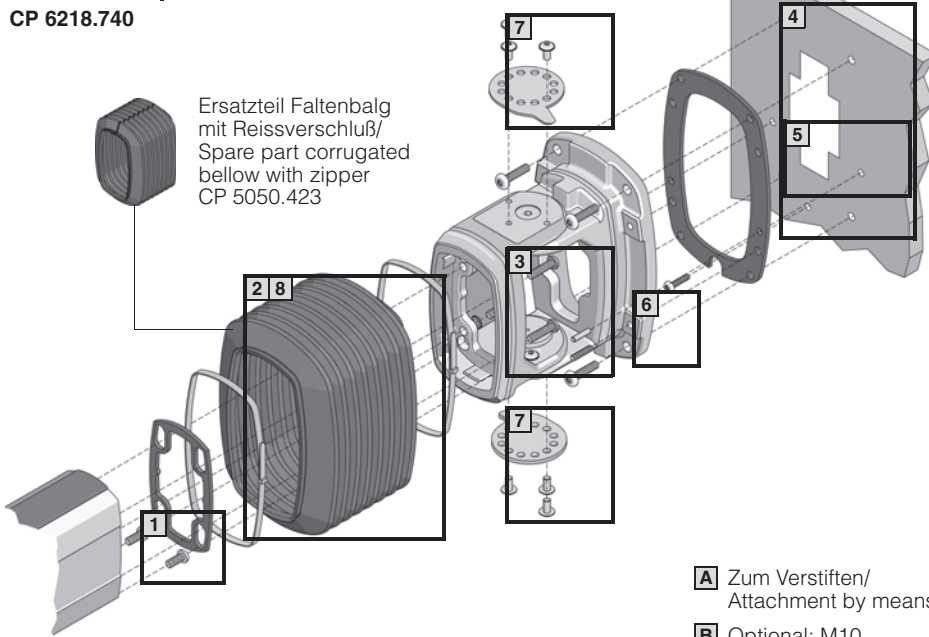




CP 6218.740

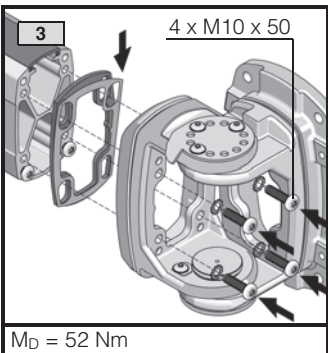


Ersatzteil Faltenbalg mit Reißverschluß/  
Spare part corrugated bellows with zipper  
CP 5050.423

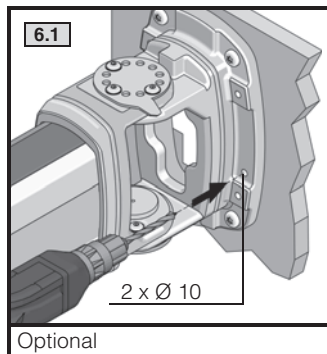
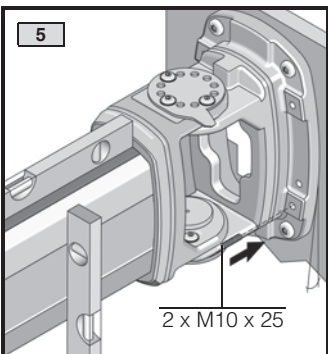
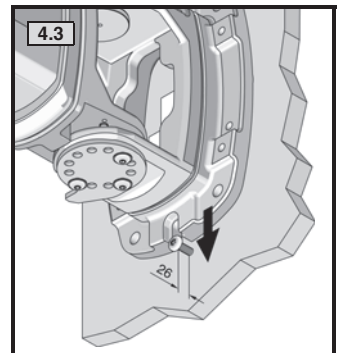
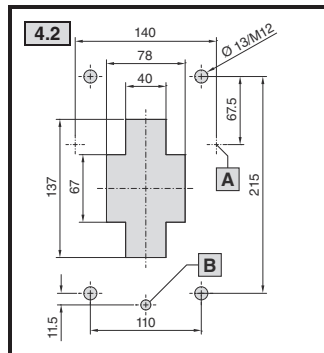
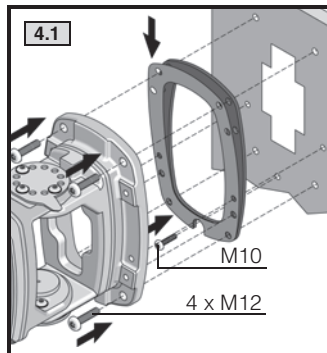


**A** Zum Verfestigen/  
Attachment by means of pins

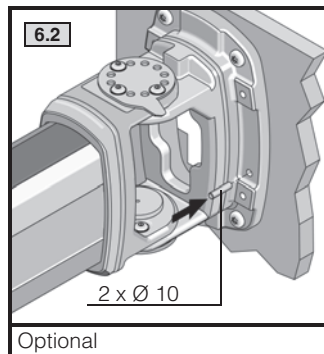
**B** Optional: M10



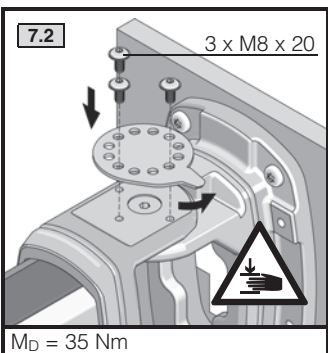
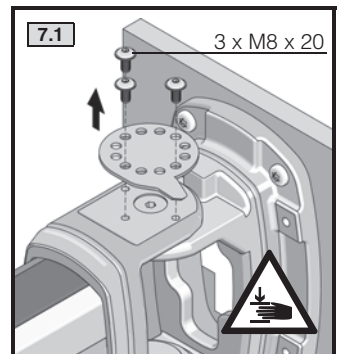
$M_D = 52 \text{ Nm}$



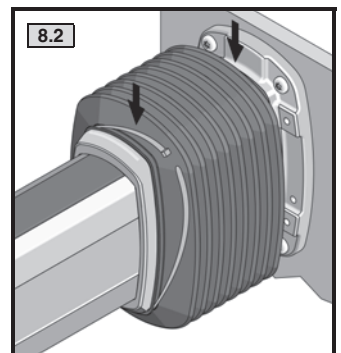
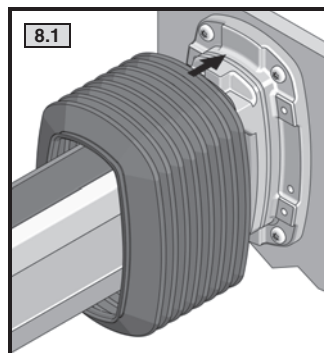
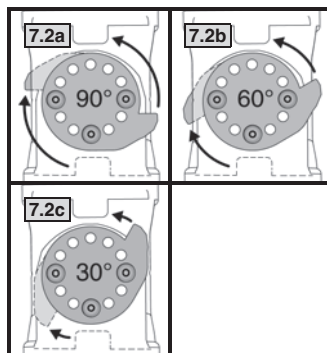
Optional



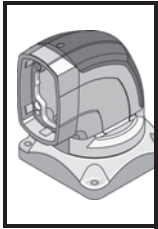
Optional



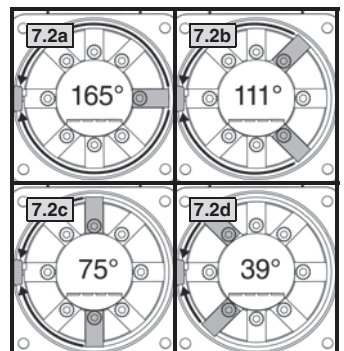
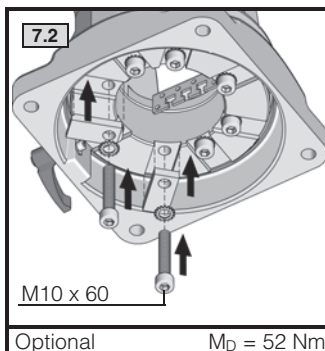
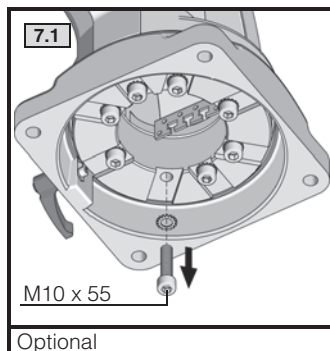
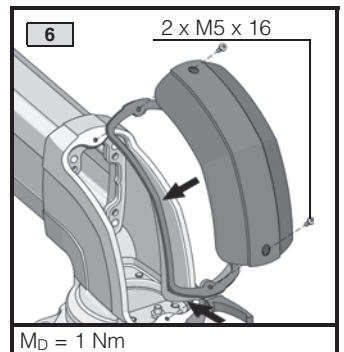
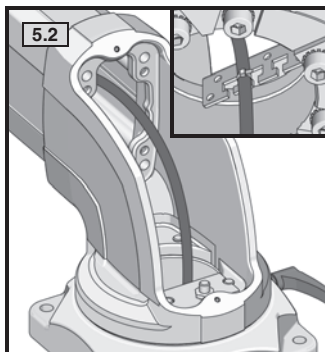
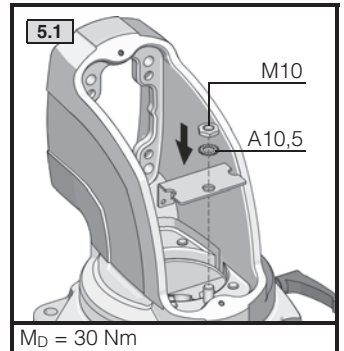
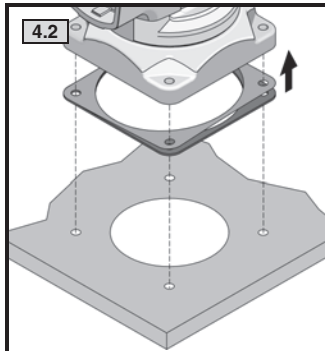
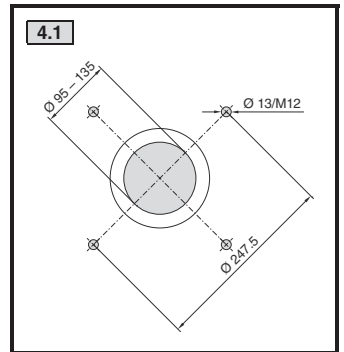
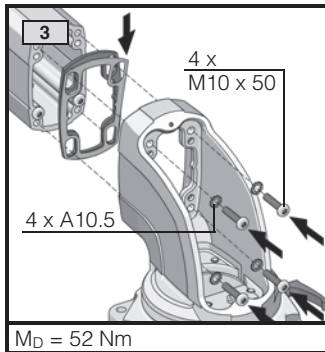
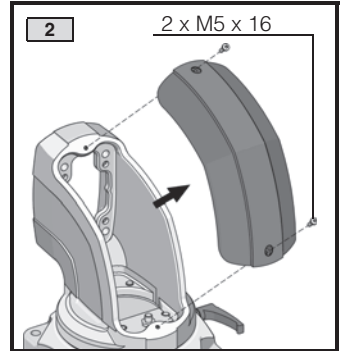
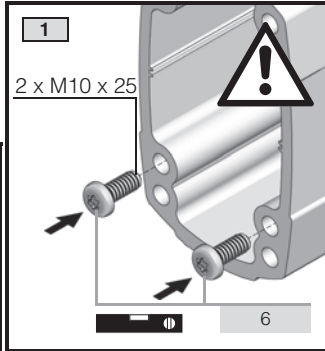
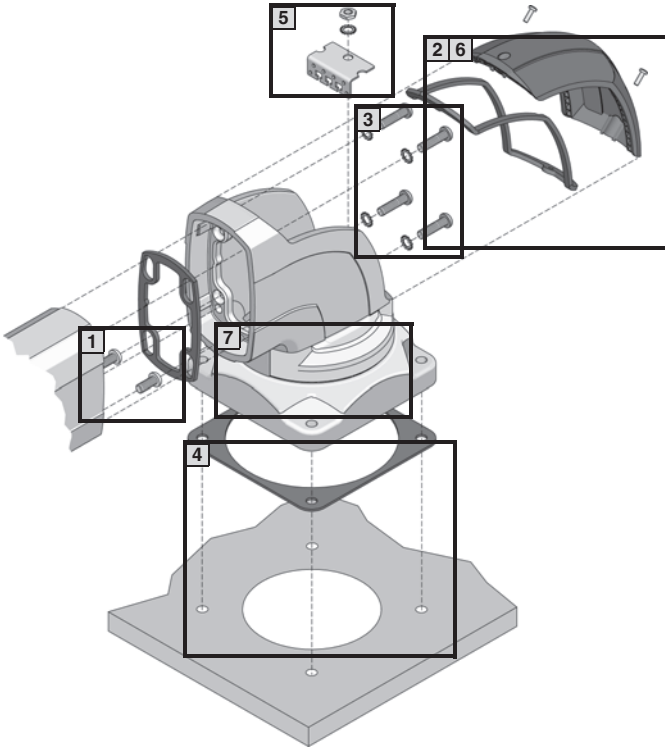
$M_D = 35 \text{ Nm}$

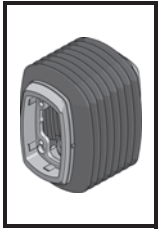






CP 6218.700



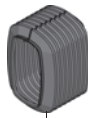
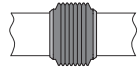


TX45

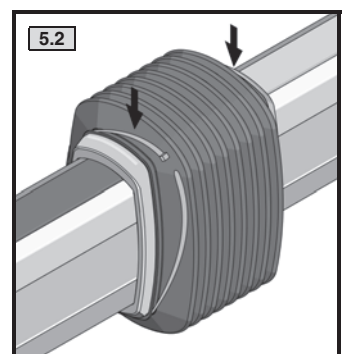
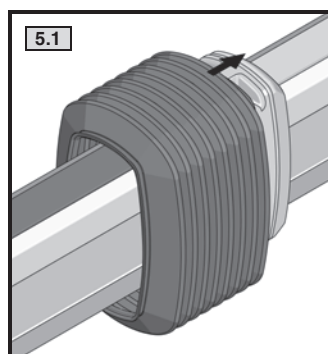
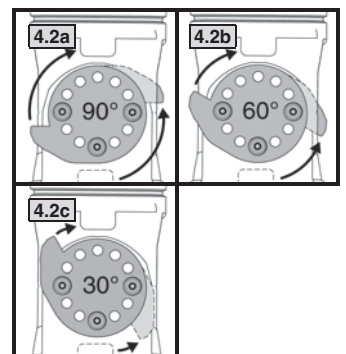
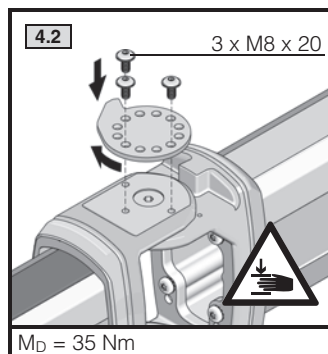
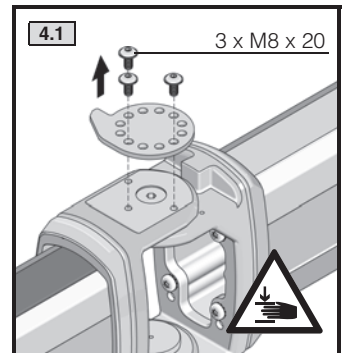
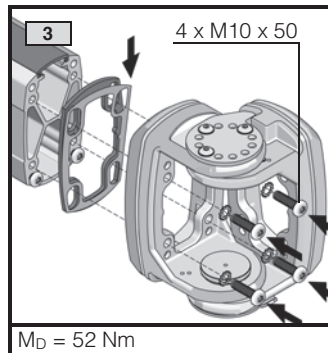
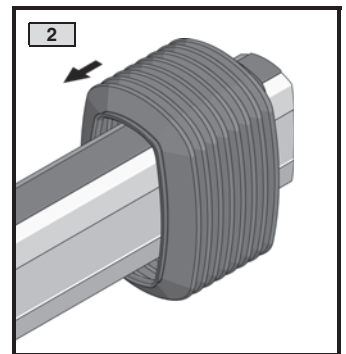
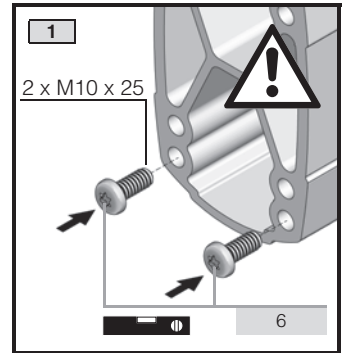
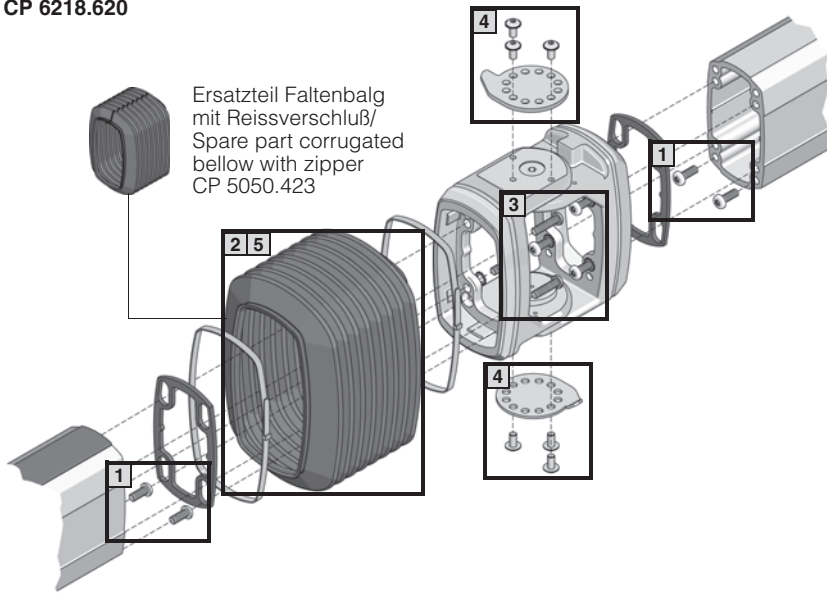
TX40

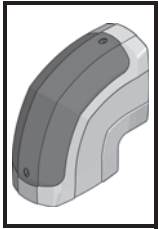


CP 6218.620

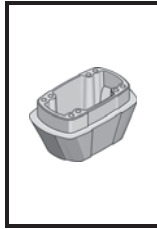


Ersatzteil Faltenbalg mit Reißverschluß/  
Spare part corrugated bellow with zipper  
CP 5050.423





CP 6218.600



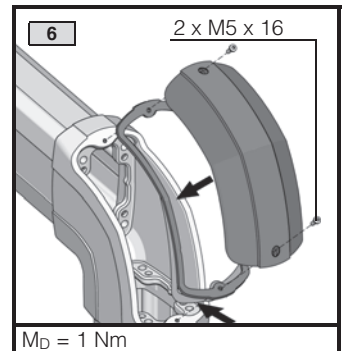
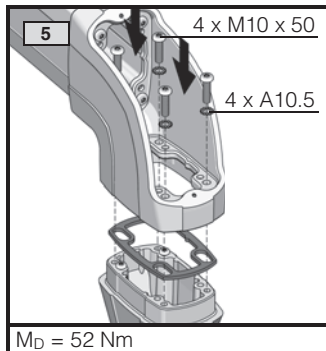
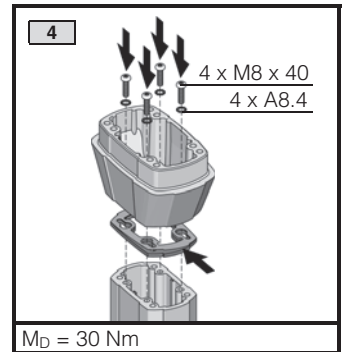
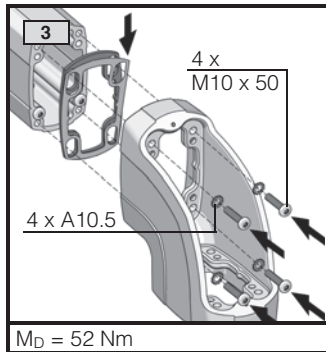
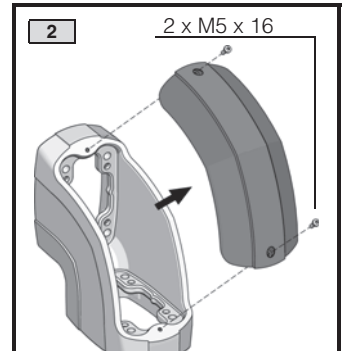
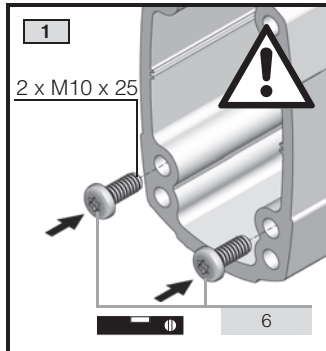
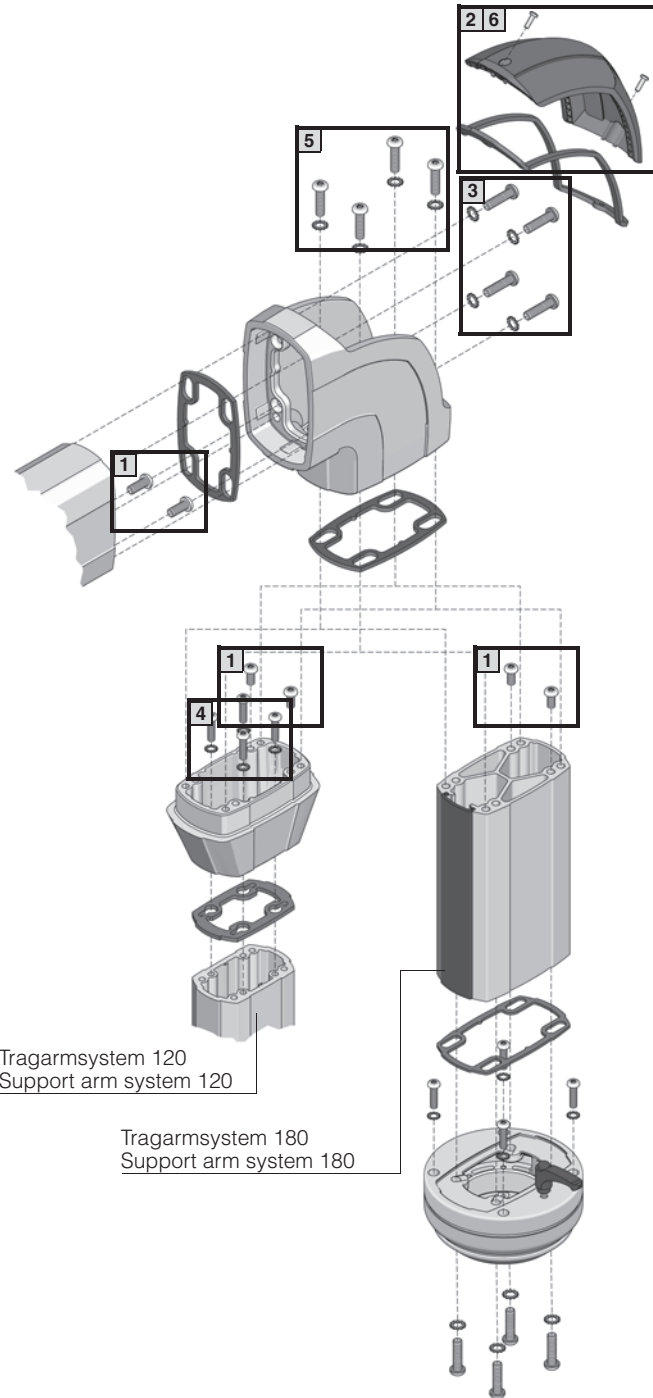
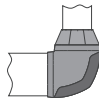
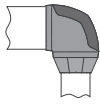
CP 6218.640



TX45

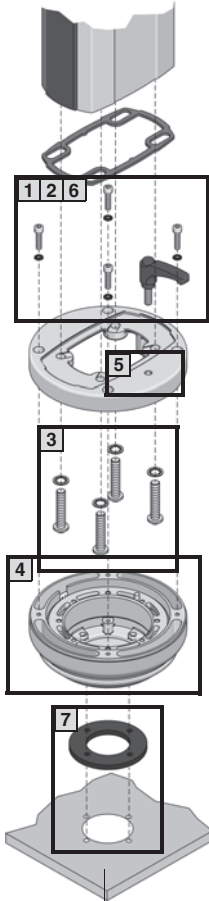
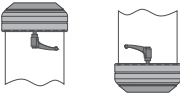


TX25

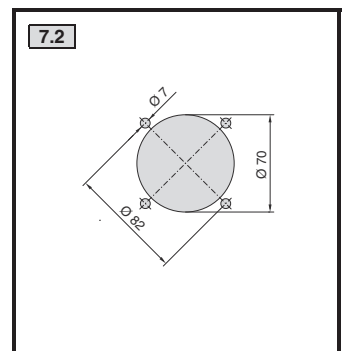
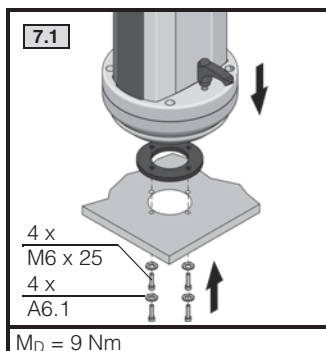
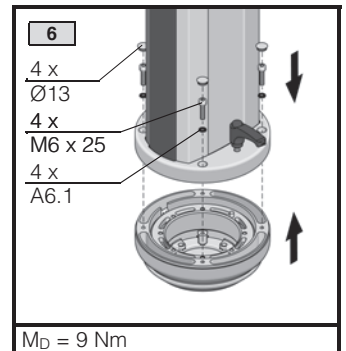
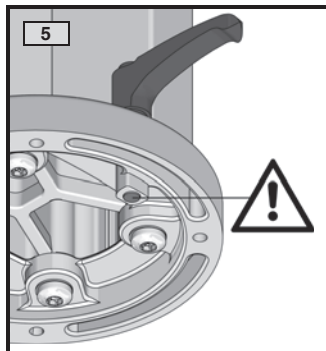
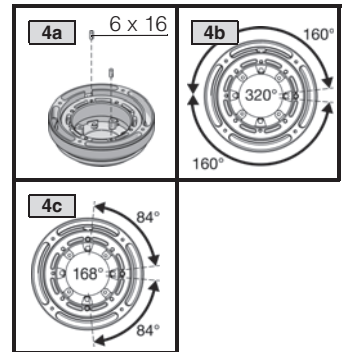
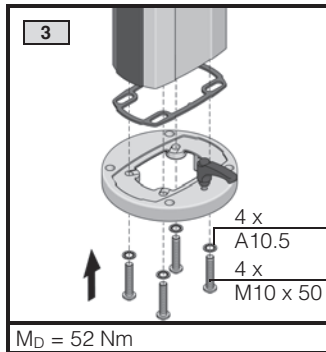
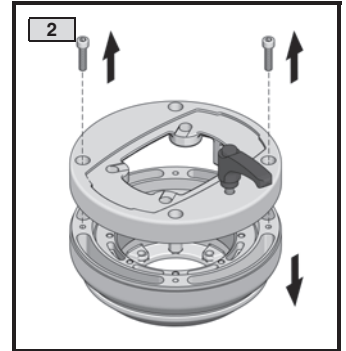
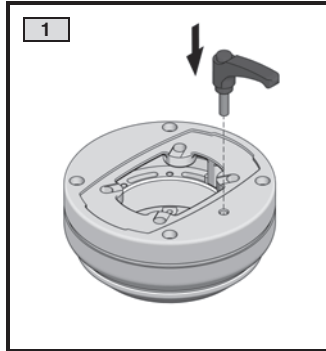




CP 6218.300



Gehäuse mit Tragararm-  
schluss Ø 130  
Housing with support  
arm connection Ø 130

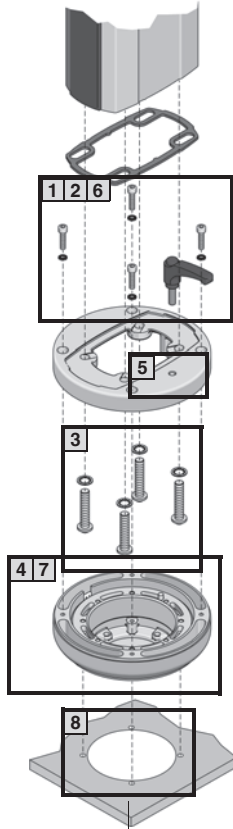
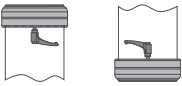




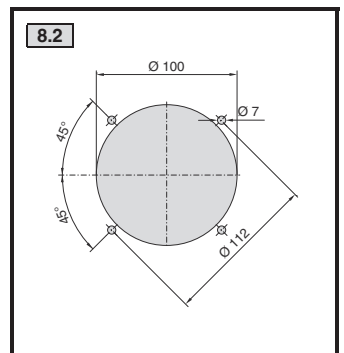
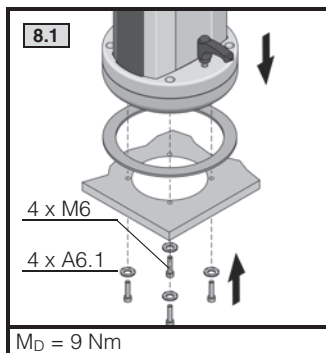
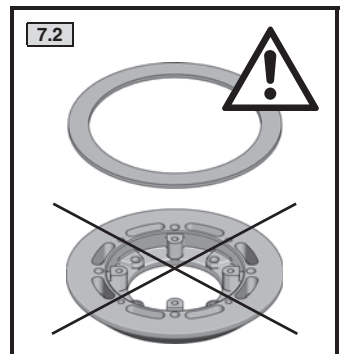
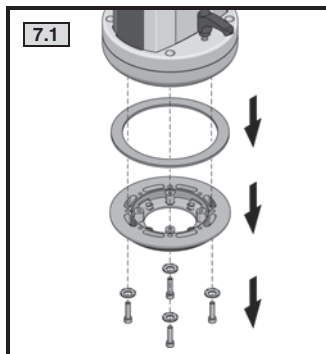
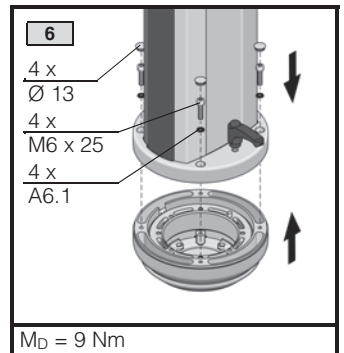
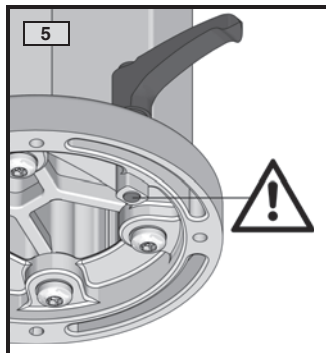
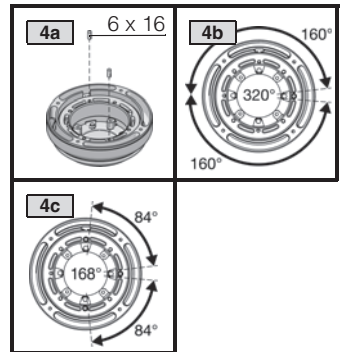
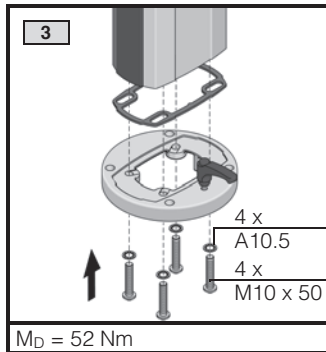
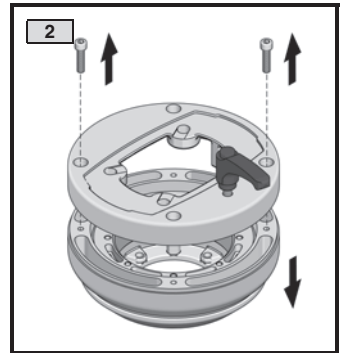
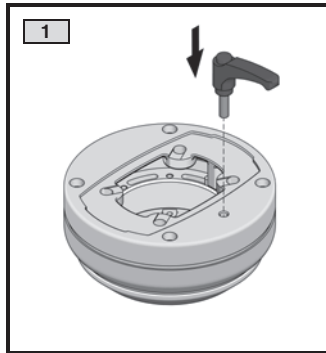
**TX45**

**SW5**

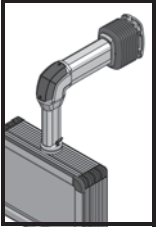
CP 6218.300



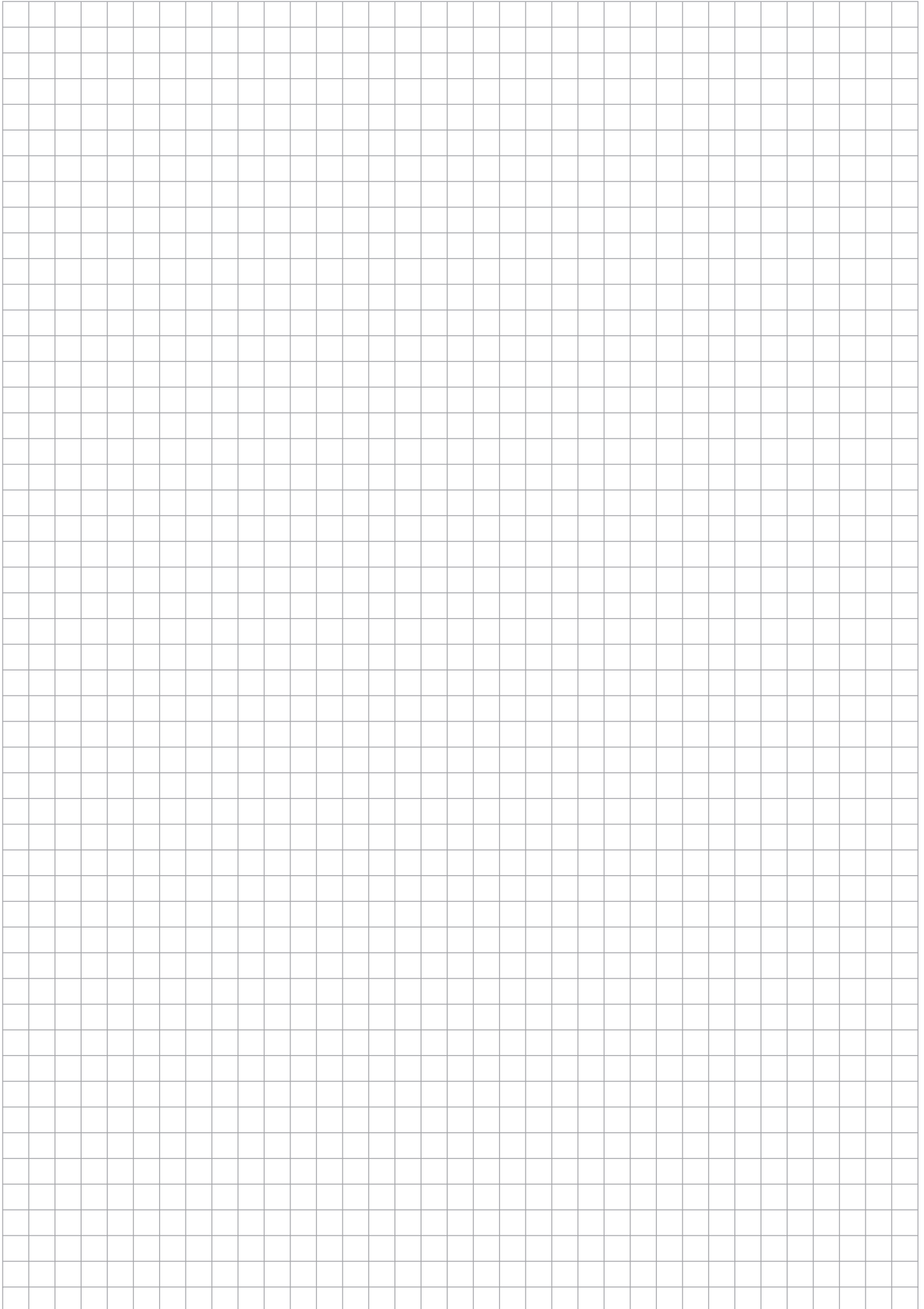
Gehäuse mit Tragarm-  
schluss Ø 180  
Housing with support  
arm connection Ø 180







<b>D</b>	Zum Transport von vormontierten Tragarmsystemen sind geeignete Transportsicherungsmaßnahmen zu ergreifen!
<b>EN</b>	Pre-assembled support arm systems must be stabilised securely and protected appropriately for transportation!
<b>F</b>	Des mesures de sécurité adéquates doivent être prises pour le transport des bras porteurs pré-assemblés !
<b>E</b>	¡Deben tomarse las medidas de protección apropiadas para el transporte de los sistemas de brazo soporte!
<b>I</b>	Per il trasporto di sistemi a braccio portante premontati, sono necessarie adeguate misure di sicurezza!
<b>NL</b>	Voor het transport van vooraf gemonteerde draagarmsystemen dienen passende transportbeveiligingsmaatregelen genomen te worden!
<b>S</b>	Förmonterat bärmssystem måste skyddas och stabiliseras på lämpligt sätt för säker transport!
<b>J</b>	組立済みのサポートアームシステムを輸送する際は、適切な輸送対策を実施してください。



# Rittal – The System.

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