

## Adapterbausatz HAPB - ERMB

# FESTO

Festo AG & Co. KG

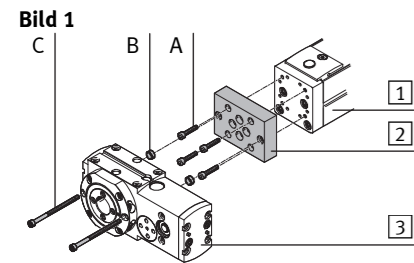
Postfach  
D-73726 Esslingen  
++49/(0)711/347-0  
www.festo.com

### → Hinweis

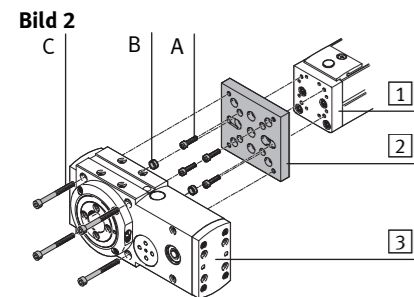
- Beachten Sie, dass bei einigen Kombinationen Befestigungselemente übrig bleiben.
- Beachten Sie, dass die Adapterplatte **2** um 90° versetzt werden kann.

### 1. Montage

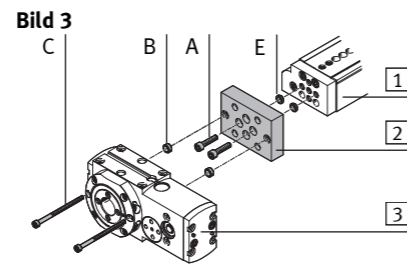
- Wählen Sie die Befestigungselemente (Schrauben, usw.) für Ihre Kombination (→ Tabelle).
- Beachten Sie die Bildzuordnung für Ihre Kombination (→ Tabelle).



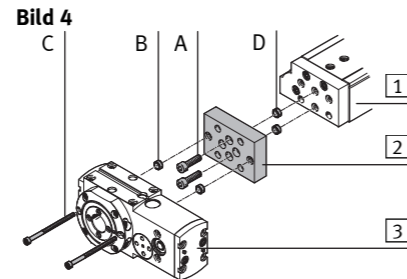
- 1** Auslegerachse DGEA-18/-25
- 2** Adapterbausatz HAPB-38
- 3** Drehmodul ERMB-20



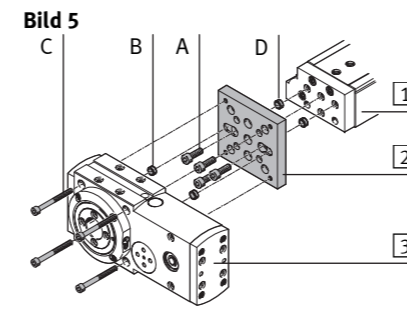
- 1** Auslegerachse DGEA-25/-40
- 2** Adapterbausatz HAPB-39/-40
- 3** Drehmodul ERMB-25/-32



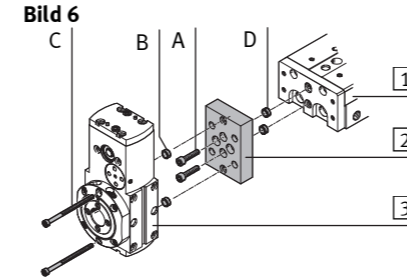
- 1** Mini-Schlitten DGSL-16  
EGSL-45/-55
- 2** Adapterbausatz HAPB-38
- 3** Drehmodul ERMB-20



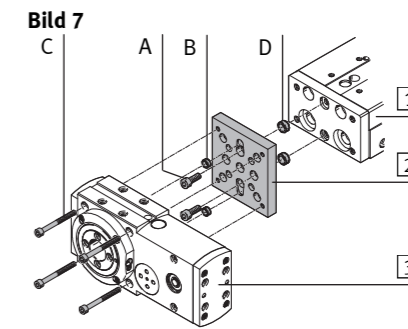
- 1** Mini-Schlitten DGSL-20/-25  
EGSL-75
- 2** Adapterbausatz HAPB-38
- 3** Drehmodul ERMB-20



- 1** Mini-Schlitten DGSL-20/-25  
EGSL-75
- 2** Adapterbausatz HAPB-39/-40
- 3** Drehmodul ERMB-25/-32



- 1** Mini-Schlitten SLT-20
- 2** Adapterbausatz HAPB-38
- 3** Drehmodul ERMB-20



- 1** Mini-Schlitten SLT-25
- 2** Adapterbausatz HAPB-39
- 3** Drehmodul ERMB-25

1 Antrieb	DGEA-				DGSL-				EGSL-				SLT-	
	18/25	25	40	40	16	20/25	20/25	25	45/55	75			20	25
2 Adapterbausatz	HAPB-				HAPB-				HAPB-				HAPB-	
	38	39	39	40	38	38	39	40	38	38	39	40	38	39
3 Drehmodul	ERMB-				ERMB-				ERMB-				ERMB-	
	20	25	25	32	20	20	25	32	20	20	25	32	20	25
<b>Bild</b>	<b>1</b>	<b>2</b>			<b>3</b>	<b>4</b>	<b>5</b>		<b>3</b>	<b>4</b>	<b>5</b>		<b>6</b>	<b>7</b>
	M <sub>A</sub> <sup>1)</sup> [Nm]													
<b>A Zylinderschraube nach DIN 912</b>														
M4x16	3		4x											
M4x20		4x												
M5x14	6			4x	4x									
M5x22						2x				2x				2x
M6x16	10													2x
M6x18							4x	4x			4x	4x		
M6x22						2x					2x			
<b>B Zentrierhülse</b>														
ZBH-9		2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x
<b>C Zylinderschraube nach DIN 912</b>														
M4x65	3	2x				2x	2x			2x	2x			2x
M4x100		(2x) <sup>2)</sup>				(2x) <sup>2)</sup>	(2x) <sup>2)</sup>			(2x) <sup>2)</sup>	(2x) <sup>2)</sup>			(2x) <sup>2)</sup>
M5x50	6		4x	4x				4x				4x		4x
M5x65					4x				4x				4x	
M5x85			(4x) <sup>2)</sup>	(4x) <sup>2)</sup>				(4x) <sup>2)</sup>				(4x) <sup>2)</sup>		(4x) <sup>2)</sup>
M5x100					(4x) <sup>2)</sup>				(4x) <sup>2)</sup>				(4x) <sup>2)</sup>	
<b>D Zentrierhülse</b>														
ZBH-9							2x	2x	2x		2x	2x	2x	2x
ZBH-12														2x
<b>E Verbindungshülse</b>														
ZBV-9-7						2x					2x			

<sup>1)</sup> Toleranzen für nicht tolerierte Anziehdrehmomente  
M<sub>A</sub> > 1 Nm: ± 20%

<sup>2)</sup> Diese Schrauben sind für den ERMB mit Abfragebausatz EAPS zu verwenden.

## Adapter kit HAPB - ERMB

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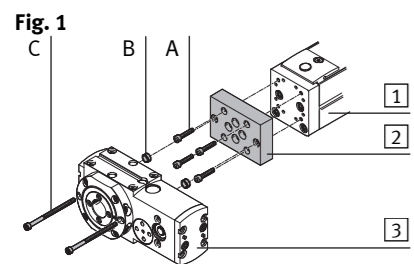
### → Note

Please note that mounting components may be left over with some combinations.

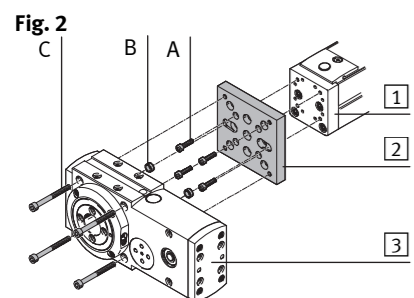
- Note that the adapter plate **2** can be offset by 90°.

### 2. Mounting

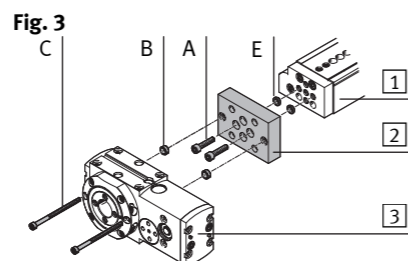
- Select the mounting components (screws etc.) for your combination (→Table).
- Observe the reference figures/illustrations for your combination (→Table).



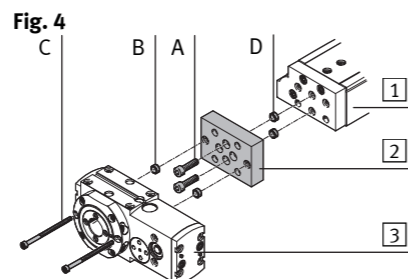
- Cantilever axis DGEA-18/-25
- Adapter kit HAPB-38
- Rotary module ERMB-20



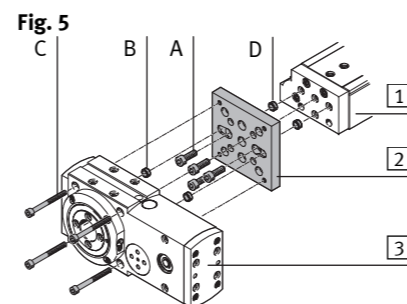
- Cantilever axis DGEA-25/-40
- Adapter kit HAPB-39/-40
- Rotary module ERMB-25/-32



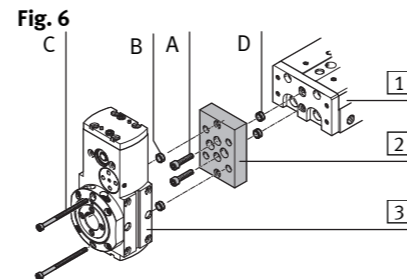
- Mini-slide DGSL-16  
EGSL-45/-55
- Adapter kit HAPB-38
- Rotary module ERMB-20



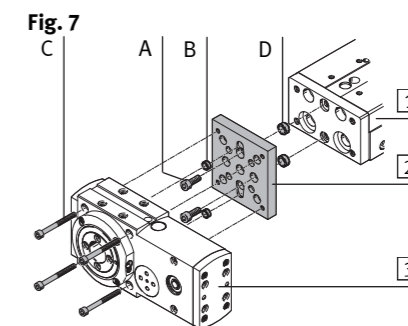
- Mini-slide DGSL-20/-25  
EGSL-75
- Adapter kit HAPB-38
- Rotary module ERMB-20



- Mini-slide DGSL-20/-25  
EGSL-75
- Adapter kit HAPB-39/-40
- Rotary module ERMB-25/-32



- Mini-slide SLT-20
- Adapter kit HAPB-38
- Rotary module ERMB-20



- Mini-slide SLT-25
- Adapter kit HAPB-39
- Rotary module ERMB-25

1 Drive	DGEA-				DGSL-				EGSL-				SLT-	
	18/25	25	40	40	16	20/25	20/25	25	45/55	75			20	25
2 Adapter kit	HAPB-				HAPB-				HAPB-				HAPB-	
	38	39	39	40	38	38	39	40	38	38	39	40	38	39
3 Rotary module	ERMB-				ERMB-				ERMB-				ERMB-	
	20	25	25	32	20	20	25	32	20	20	25	32	20	25
Fig.	1	2			3	4	5		3	4	5		6	7
	M <sub>A</sub> <sup>1)</sup> [Nm]													
<b>A Socket head screw to DIN 912</b>														
M4x16	3		4x											
M4x20		4x												
M5x14	6			4x	4x									
M5x22						2x			2x					2x
M6x16	10													2x
M6x18							4x	4x			4x	4x		
M6x22						2x					2x			
<b>B Centring sleeve</b>														
ZBH-9		2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x
<b>C Socket head screw to DIN 912</b>														
M4x65	3	2x				2x	2x			2x	2x			2x
M4x100		(2x) <sup>2)</sup>				(2x) <sup>2)</sup>	(2x) <sup>2)</sup>			(2x) <sup>2)</sup>	(2x) <sup>2)</sup>			(2x) <sup>2)</sup>
M5x50	6		4x	4x				4x				4x		4x
M5x65					4x				4x				4x	
M5x85			(4x) <sup>2)</sup>	(4x) <sup>2)</sup>				(4x) <sup>2)</sup>				(4x) <sup>2)</sup>		(4x) <sup>2)</sup>
M5x100					(4x) <sup>2)</sup>				(4x) <sup>2)</sup>				(4x) <sup>2)</sup>	
<b>D Centring sleeve</b>														
ZBH-9							2x	2x	2x		2x	2x	2x	2x
ZBH-12														2x
<b>E Connector sleeve</b>														
ZBV-9-7						2x				2x				

<sup>1)</sup> Tolerance for non-toleranced tightening torques  
M<sub>A</sub> > 1 Nm: ± 20%

<sup>2)</sup> These screws must be used for the ERMB with sensing kit EAPS.