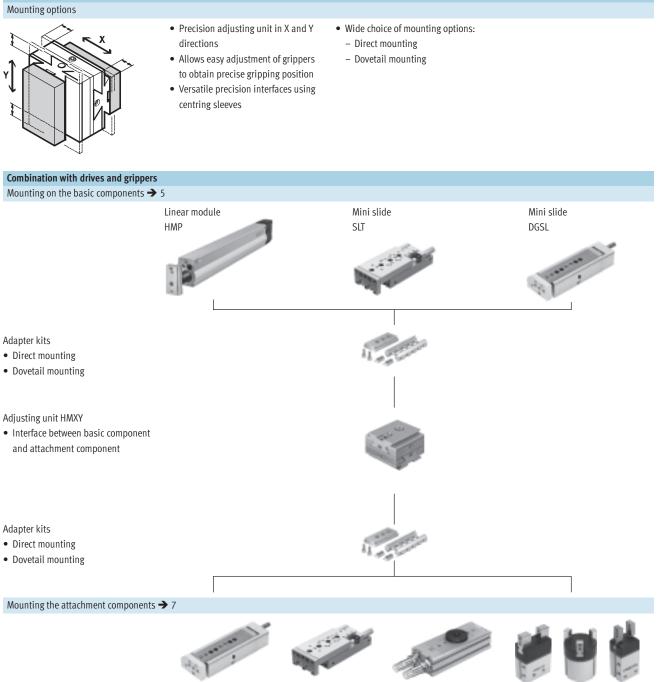
Adjusting units HMXY



- Permits easy adjustment
- Wide choice of mounting options

Adjusting units HMXY Key features

At a glance



Mini slide DGSL

Mini slide SLT

Semi-rotary module DRQD



Gripper DHPS, DHRS, DHDS, DHWS, HGDT, HGDD, HGPP

Adjusting units HMXY Technical data

Adjusting unit



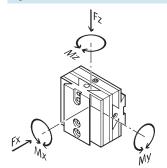
1 -......

General technical data						
		HMXY-1	HMXY-3			
Positioning distance	y [mm]	7.5	7.5			
	z [mm]	7.5	7.5			
Max. static characteristic load	Forces					
values	F _x [N]	50	160			
→ Fig. 1	F _z [N]	50	160			
	Torques					
	M _x [Nm]	1.4	20			
	M _y [Nm]	1.4	20			
	M _z [Nm]	1.4	20			
Mass moment of inertia	J _x [kgm ² x10 ⁻⁴]	0.499	8.650			
→ Fig. 2	J _y [kgm ² x10 ⁻⁴]	0.361	5.121			
	J _z [kgm ² x10 ⁻⁴]	0.361	5.121			
Weight	[g]	155	2,324			
Ambient temperature [°C]		560				
Corrosion resistance class CRC ¹⁾		2				
Material		Anodised aluminium				
Note on materials		Free of copper and PTFE				

1) Corrosion resistance class 2 according to Festo standard 940 070

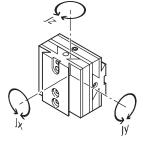
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Max. permissible static characteristic load values Fig. 1



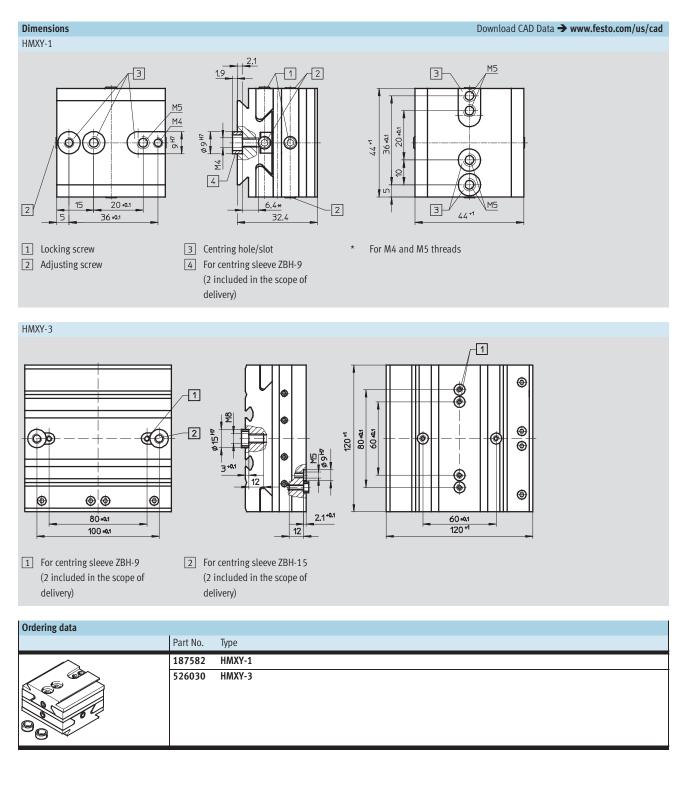
Mass moment of inertia

Fig. 2





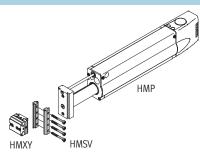
Adjusting units HMXY Technical data



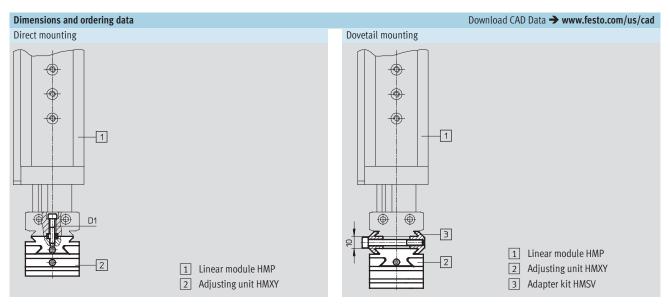
Adjusting units HMXY Technical data – Mounting on the basic components

Mounting on linear module HMP

Material: Adapter kit HMSV: Wrought aluminium alloy Free of copper and PTFE



Direct mounting/dovetail mounting



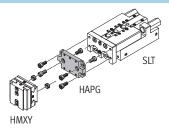
Basic component	Adjusting unit	Screws ¹⁾ D1	Part No. Type
Direct mounting			
HMP-16/20	HMXY-3	2x M5x25	-
HMP-25/32	-	2x M5x30	-
		·	·
Dovetail mounting			
HMP-16/20/25/32	HMXY-1	-	177647 HMSV-1
HMP-16/20/25/32	HMXY-3	-	177649 HMSV-3

1) The screws listed are not included in the scope of delivery of the adjusting unit.

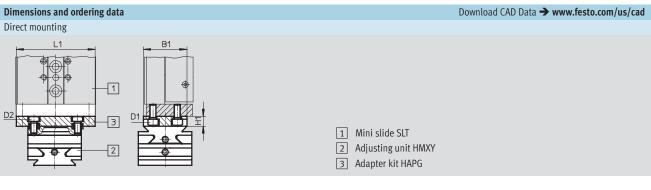
Adjusting units HMXY Technical data – Mounting on the basic components

Mounting on mini slide SLT

Material: Adapter kit HAPG: Wrought aluminium alloy Free of copper and PTFE



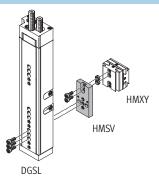
Direct mounting



Basic component	Adjusting unit	B1	H1	L1	Screws D1	Screws D2	Part No.	Туре
SLT-16	HMXY-1	36	8	65	M5x10	M5x12	191266	HAPG-48
SLT-20		44	10	80	M5x12	M5x14	191268	HAPG-50
SLT-25	HMXY-1/3	44	12	91	M6x16	M5x14	191270	HAPG-52

Mounting on mini slide DGSL

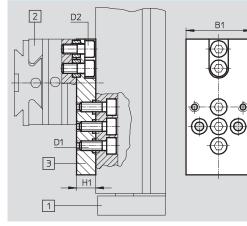
Material: Adapter kit HMSV: Wrought aluminium alloy Free of copper and PTFE



Direct mounting

Dimensions and ordering data





1 Mini slide DGSL

2 Adjusting unit HMXY

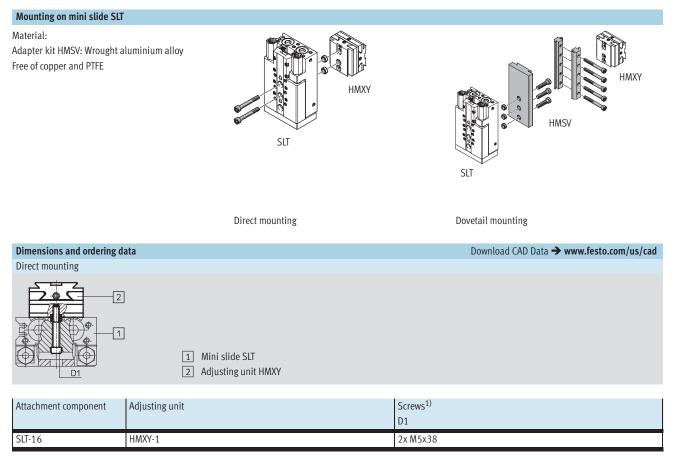
3 Adapter kit HMSV

Attachment component	Adjusting unit	B1	D1	D2	H1	L1	Part No.	Туре
DGSL-4/6	HMXY-1	33.6	M3	M5	10	87	548787	HMSV-57
DGSL-8/10	HMXY-1	33.6	M4	M5	10	87		
DGSL-12/16	HMXY-1	33.6	M5	M5	10	70	548782	HMSV-52
DGSL-20/25	HMXY-3	40	M6	M5	10	100	548929	HMSV-60

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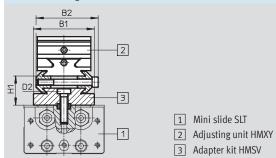
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1) The screws listed are not included in the scope of delivery of the adjusting unit.

Dovetail mounting



Attachment component	Adjusting unit	B1	B2	H1	Screws D2	Part No.	Туре
SLT-6	HMXY-1/3	40	51	22	M3x20	178329	HMSV-34
SLT-10	1	40	51	22	M4x30	178330	HMSV-35
SLT-16		50	51	24	M6x25	178331	HMSV-36
SLT-20	1	80	51	26	M6x25	178332	HMSV-37
SLT-25	HMXY-3	80	51	26	M8x25		

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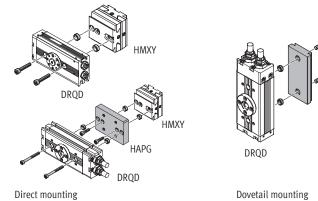
HMXY

HMSV

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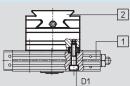
Mounting on semi-rotary drive DRQD

Material: Adapter kit HAPG, HMSV: Wrought aluminium alloy Free of copper and PTFE



Dimensions and ordering data





1 Semi-rotary drive DRQD

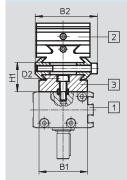
2 Adjusting unit HMXY

Attachment component	Adjusting unit	Screws ¹⁾ D1	Part No. Type		
DRQD-8	HMXY-1	2x M4x20	-		
DRQD-12	1	2x M4x25	-		
DRQD-B-16/20	1	-	192707 HAPG-38		
DRQD-B-32	HMXY-3	2x M5x55	-		
DRQD-40	1	2x M8x75 ²⁾	-		
DRQD-50		2x M8x90 ³⁾	-		

1) The screws listed are not included in the scope of delivery of the adjusting unit.

The clamping length should be 60 mm.
 The clamping length should be 75 mm.

Dovetail mounting



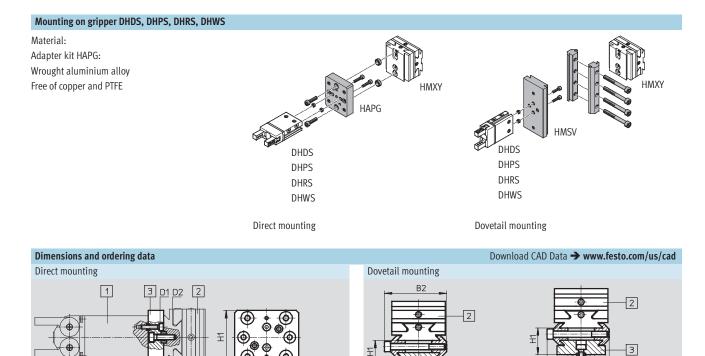
1 Semi-rotary drive DRQD 2 Adjusting unit HMXY

3 Adapter kit HMSV

Attachment component	Adjusting unit	B1	B2	H1	Screws D2	Part No.	Туре
DRQD-B-16/20	HMXY-1/3	40	51	22	M5x16	177656	HMSV-10
DRQD-B-25	D-B-25 HMXY-3				M5x10	177657	HMSV-11
		50	51	24		177649	HMSV-3
DRQD-B-32	-	50	21	24		177663	HMSV-17
					177653	HMSV-7	

1

B1 B2



-3

- 1



- 2 Adjusting unit HMXY
- 3 Adapter kit HAPG

Attachment component	Adjusting unit	B1	B2	H1	L1	Screws D1	Screws D2	Part No.	Туре		
Direct mounting											
DHPS-06, DHRS-10,	HMXY-1		_	42	50	M3x14	M4x16	192706	HAPG-37-S1		
DHWS-10		_	_	42	50						
DHDS-16		-	-	42	50	M3x20	M4x16	193921	HAPG-36-S3		
DHPS-06, DHRS-16,				12	5.0	M3x14	M4x16	192705	HAPG-36-S1		
DHWS-16		_	-	42	50						
DHPS-16, DHRS-25,	_			12	50	M4x14	M4x16	193922	HAPG-37-S4		
DHWS-25		-	-	42	50						
	•		•	•		•	•				
Dovetail mounting											
DHPS-10, DHRS-16,	HMXY-1/3	40	51	22	_	_	_	177767	HMSV-27		
DHWS-16		40	51	22	-	_	_				
DHPS-16, DHRS-25,		40	51	22	_	_		177768	HMSV-28		
DHWS-25		40	51	22	_	_	_				
DHPS-25, DHRS-32,		50	51	24	_			177769	HMSV-29		
DHWS-32		50	51	24	_	_	_				
DHDS-32	HMXY-3	50	51	22	-	-	-	178212	HMSV-32		
DHPS-35, DHRS-40,		60	51	28	_	_	_	177770	HMSV-30		
DHWS-40		00	51	28	_	_	_				
DHDS-50	7	70	51	24	-	-	-	178213	HMSV-33		

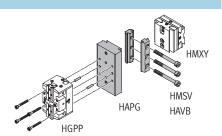
1 Gripper

2 Adjusting unit HMXY

3 Adapter kit HMSV

Mounting on parallel gripper HGPP

Material: Adapter kit HAVB, HMSV, HAPG: Wrought aluminium alloy Free of copper and PTFE



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Dovetail mounting

Dovetail mounting **B**2 **B1** 1 D1 4 3

- 1 Parallel gripper HGPP
- 2 Adjusting unit HMXY
- 3 Adapter kit HMSV, HAVB
- 4 Adapter kit HAPG

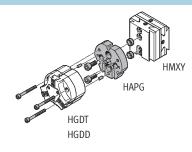
Attachment component	Adjusting unit	B1	B2	H1	Screws D1	Part No.	Туре	Part No.	Туре
HGPP-12	HMXY-1	44	51	27.5	M5x30	163239	HAVB-3	191262	HAPG-44
	HMXY-3	44	51	30	M5x30	177649	HMSV-3	191262	HAPG-44
HGPP-16	HMXY-1	44	51	27.5	M5x30	163239	HAVB-3	191263	HAPG-45
	HMXY-3	44	51	30	M5x30	177649	HMSV-3	191263	HAPG-45
HGPP-20	HMXY-1	50	51	19.5	M5x30	163239	HAVB-3	191265	HAPG-47
	HMXY-3	50	51	22	M5x30	177649	HMSV-3	191265	HAPG-47
HGPP-25	HMXY-1	60	51	25.5	M5x40	163239	HAVB-3	529019	HAPG-59
	HMXY-3	60	51	28	M5x40	177649	HMSV-3	529019	HAPG-59
HGPP-32	HMXY-3	60	51	28	M5x50	177653	HMSV-7	529020	HAPG-61

Dimensions and ordering data

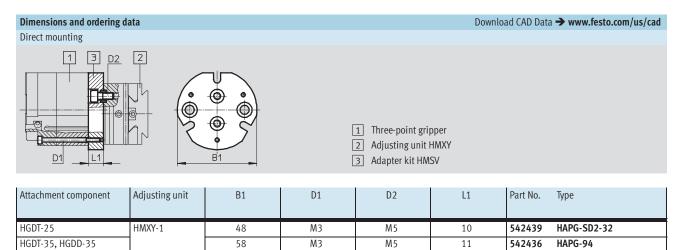
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Mounting on three-point gripper HGDT, HGDD

Material: Adapter kit HAPG: Wrought aluminium alloy Free of copper and PTFE



Direct mounting



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