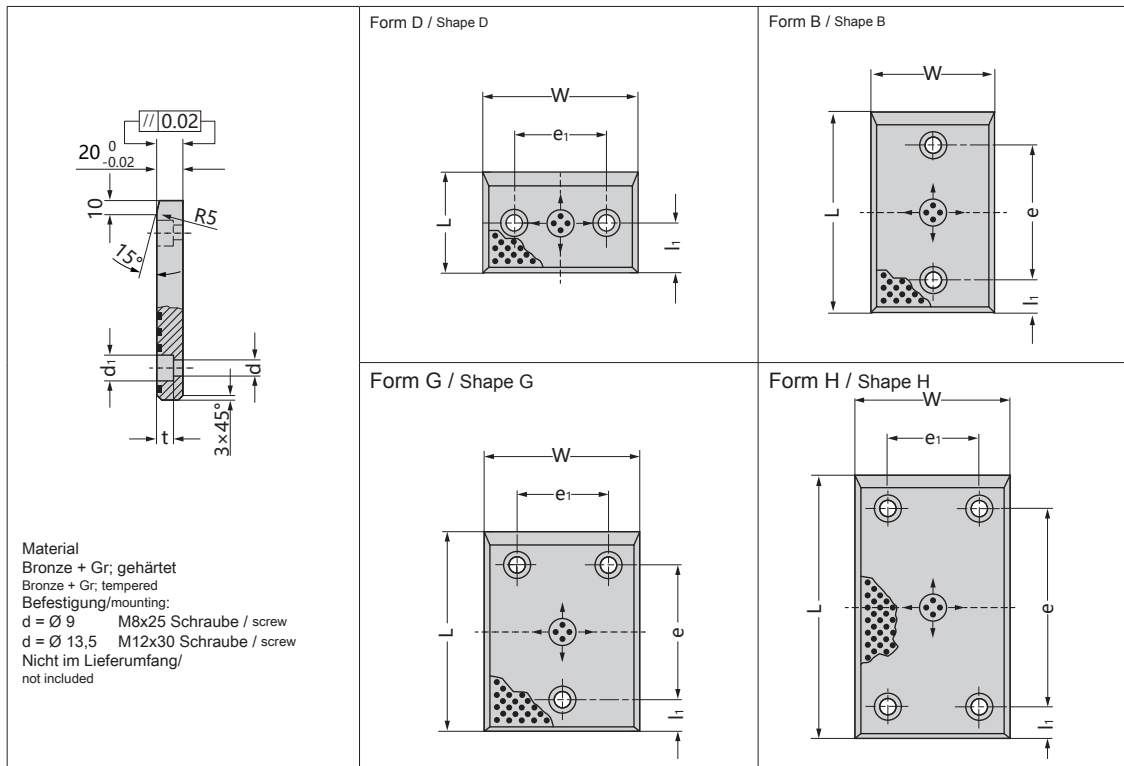




FTAB



Katalog-Nr. / Catalog No.	Form / Shape	W	L	l ₁	e	e ₁	d	d ₁	t	Bohrungen / Holes
FTAB50-80	B	50	80	25	30	—	9	15	9	2
100			100		50	—	13.5	20	13	
125			125		75	—				
160			160		110	—				
200			200		150	—				
FTAB80-50	D	80	50	25	30	—	9	15	9	2
80	B	80	80	25	30	—	13.5	20	13	
100			100		50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				
FTAB 100-50	D	100	50	25	—	50	13.5	20	13	2
80			80	40	—					
100	B	100	100	25	50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				

Katalog-Nr. / Catalog No.	Form / Shape	W	L	l ₁	e	e ₁	d	d ₁	t	Bohrungen / Holes
FTAB125-50	D	125	50	25	—					2
80			80	40	—					
100	G	125	100	25	50					3
125			125		75					
160			160		110	75	13.5	20	13	
200			200		150					
250			250	40	170					
315			315	40	235					
FTAB160-50	D	160	50	25	—	110	13.5	20	13	2
80			80	40	—					
100	G	160	100	25	50					3
125			125		75					
160			160		110					
200			200		150					
250	H	160	250	40	170					4
315			315	40	235					

Bestellnummer / Order Number

Bestellung
Order

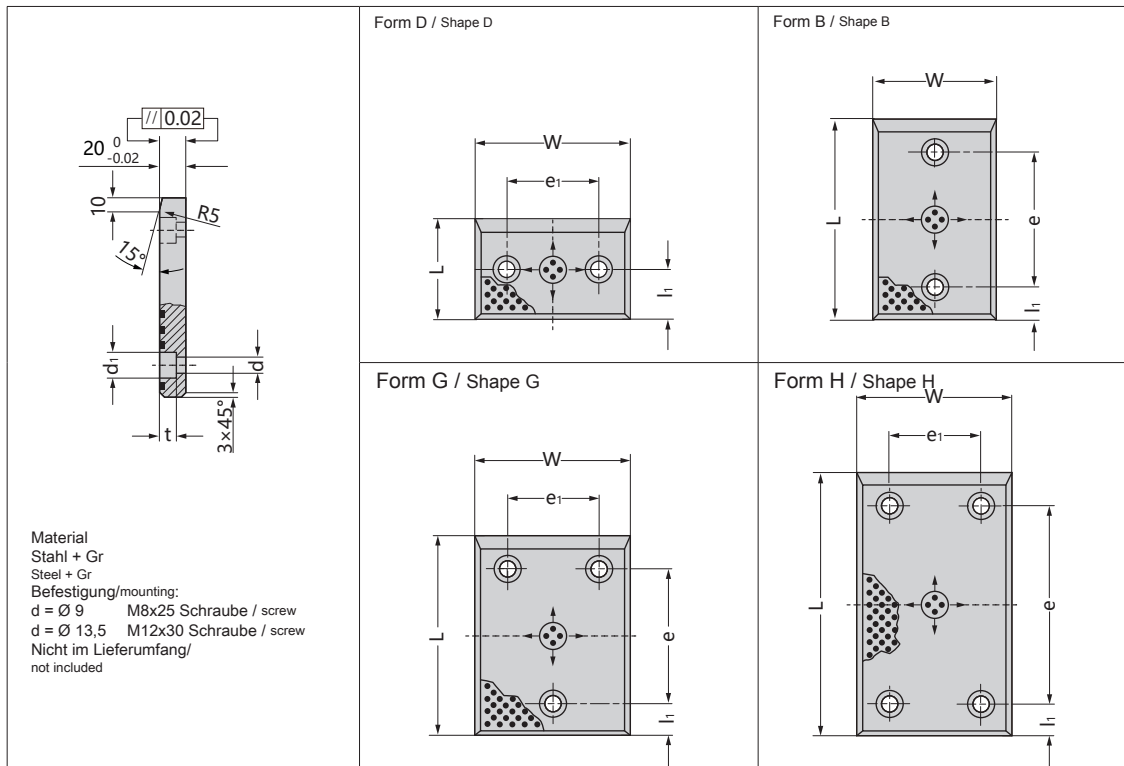
Katalog-Nr. / Catalog No. - L

FTAB50 - 80





FGAB



Katalog-Nr. / Catalog No.	Form / Shape	W	L	I_1	e	e_1	d	d_1	t	Bohrungen / Holes
FGAB50-80	B	50	80	25	30	—	9	15	9	2
100			100		50	—	13.5	20	13	
125			125		75	—				
160			160		110	—				
200			200		150	—				
FGAB80-50	D	80	50	25	—	30	9	15	9	2
80	B	80	80	25	30	—	13.5	20	13	
100			100		50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				
FGAB100-50	D	100	50	25	—	50	13.5	20	13	2
80			80	40	—					
100	B	100	100	25	50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				

Katalog-Nr. / Catalog No.	Form / Shape	W	L	I_1	e	e_1	d	d_1	t	Bohrungen / Holes
FGAB125-50	D	125	50	25	—	75	13.5	20	13	2
80			80	40	—					
100	G	125	100	25	50					3
125			125		75					
160			160		110					
200			200		150					
250			250	40	170					
315			315	40	235					
FGAB160-50	D	160	50	25	—	110	13.5	20	13	2
80			80	40	—					
100	G	160	100	25	50					3
125			125		75					
160			160		110					
200			200		150					
250	H	160	250	40	170					4
315			315	40	235					

Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No. - L

FGAB50 - 80





FSAB

Material
Stahl; gehärtet
Steel; tempered
Befestigung/mounting
Schraube/screw
d = Ø 9 M8x25 Schraube / screw
d = Ø 13,5 M12x30 Schraube / screw
Nicht im Lieferumfang/
not included

Form D / Shape D

Form B / Shape B

Form G / Shape G

Form H / Shape H

Katalog-Nr. / Catalog No.	Form / Shape	W	L	l ₁	e	e ₁	d	d ₁	t	Bohrungen / Holes
FSAB50-80	B	50	80	25	30	—	9	15	9	2
100			100		50	—	13.5	20	13	
125			125		75	—				
160			160		110	—				
200			200		150	—				
FSAB80-50	D	80	50	25	—	30	9	15	9	2
80	B	80	80	25	30	—	13.5	20	13	
100			100		50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				
FSAB100-50	D	100	50	25	—	50	13.5	20	13	2
80			80	40	—					
100	B	100	100	25	50	—				
125			125		75	—				
160			160		110	—				
200			200		150	—				
250			250	40	170	—				
315			315	40	235	—				

Katalog-Nr. / Catalog No.	Form / Shape	W	L	l ₁	e	e ₁	d	d ₁	t	Bohrungen / Holes
FSAB125-50	D	125	50	25	—	75	13.5	20	13	2
80			80	40	—					
100	G	125	100	25	50					3
125			125		75					
160			160		110					
200			200		150					
250			250	40	170					
315			315	40	235					
FSAB160-50	D	160	50	25	—	110	13.5	20	13	2
80			80	40	—					
100	G	160	100	25	50					3
125			125		75					
160			160		110					
200			200		150					
250	H	160	250	40	170					4
315			315	40	235					

Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No.

-

L

-

80

FSAB50

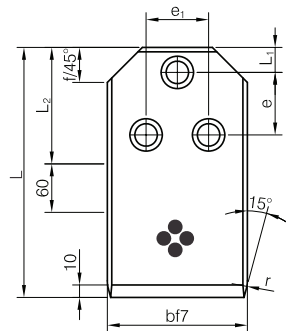




4-XXXXXXX-305

VDI 3357

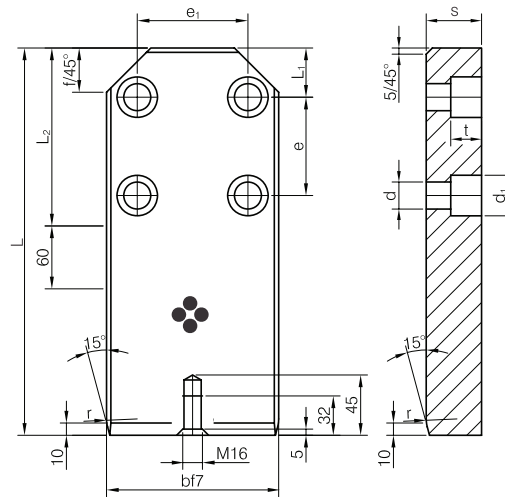
Form A



Material
Bronze (CuZn25Al5) mit Festschmierstoff

Material
Bronze (CuZn25Al5) with solid lubricant

Form B



e	e ₁	L ₁	L ₂	f	d	d ₁	t	r	b	L	s	Form
50	36	20	90	18	14	20	16	16	63	180	25	A
										200		
										224		
									71	180	36	
										200		
										224		
	50	20	100	28	18	26	21	25	90	180	25	
										200		
										224		
									112	200	36	
										224		
										250		
80	90	40	150	36	22	33	25,5	31,5	140	200	45	B
										224		
										250		
									190	315	56	
										400		
										400		
160	160	250	250	26	40	30,5	30,5	30,5	240	315	45	
										400		
										400		
									240	500	56	
										630		
										630		

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

b

63

L

200

s

36

Typ

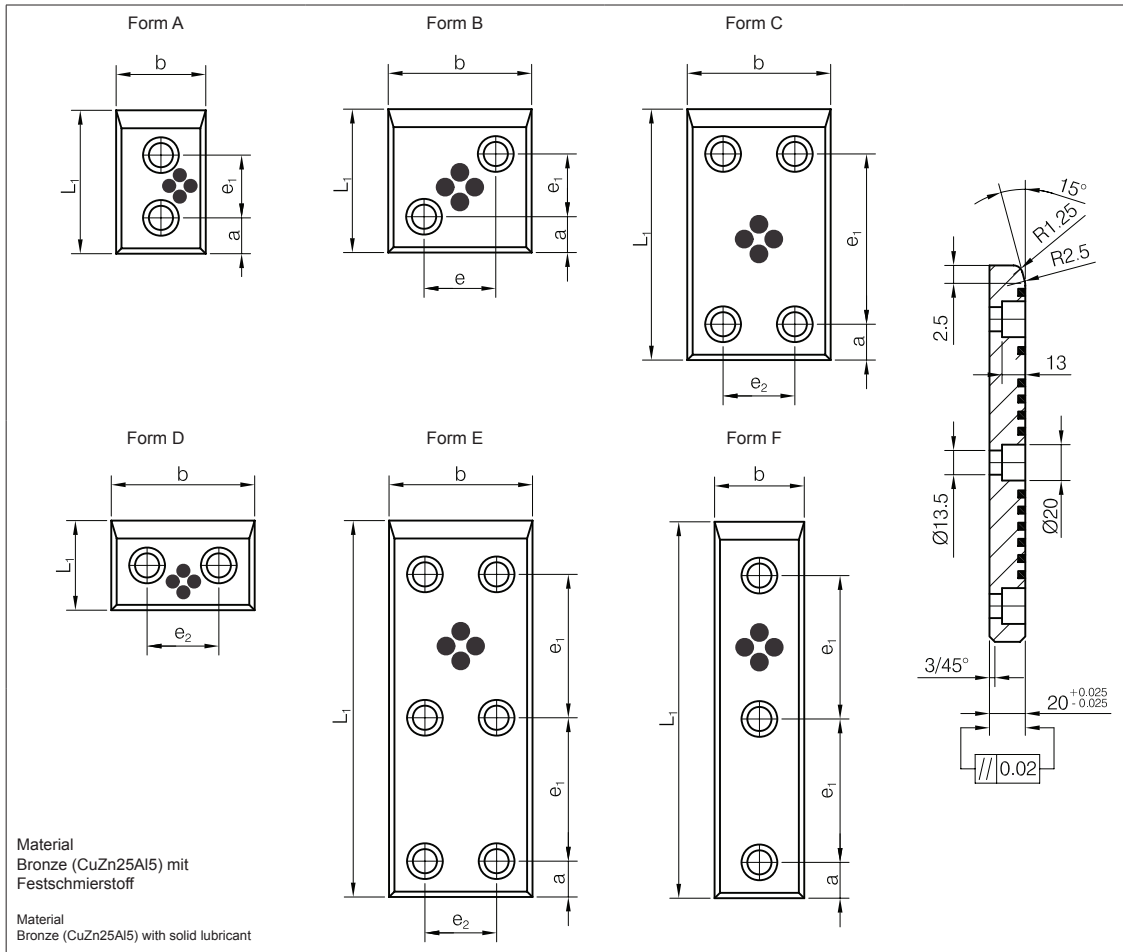
305





4-XXXXXX-101

ISO 9183-1



a	e ₁	e ₂	b	L ₁	Form
20	35	50	80	80	A
	55			100	
	80			125	
	115			160	
	155			200	
	100			250	
25	0	40	80	50	F
	35			80	
	55			100	
	80			125	
	115			160	
	155			200	
20	100	60	100	250	C
	132			315	
	0			50	
	35			80	
	55			100	
	80			125	
25	115			160	B
	155			200	
	100			250	
	132			315	
	0			50	
	35			80	
20	55			100	C
	80			125	
	115			160	
	155			200	
	100			250	
	132			315	

a	e ₁	e ₂	b	L ₁	Form
20	100	60	100	250	E
	132			315	
	0			50	
	35			80	
	55			100	
	80			125	
25	115	85	125	160	C
	155			200	
	100			250	
	132			315	
	0			50	
	35			80	
20	55	120	160	100	C
	80			125	
	115			160	
	155			200	
	100			250	
	132			315	
25	115	160	200	160	C
	155			200	
	100			250	
	132			315	
	115			160	
	155			200	

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

- b

- L₁

- Typ

4

- 100

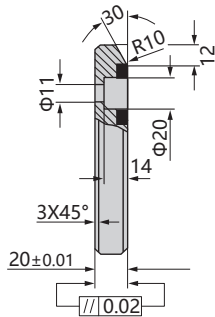
- 125

- 101





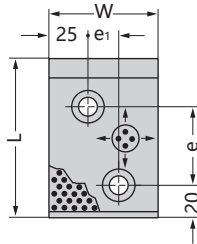
4-XXXXXX-102



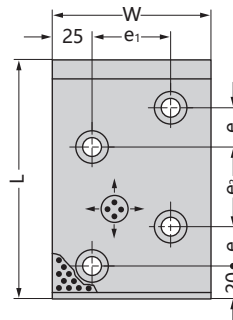
Material
Bronze + Gr
Befestigung/mounting
Schraube/screw
M10 x 25

Nicht im Lieferumfang/
not included

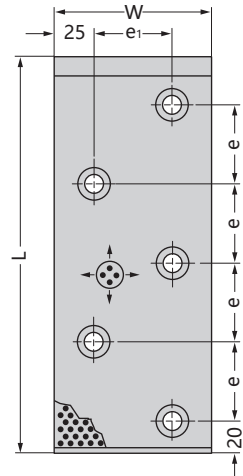
Form A / Shape A



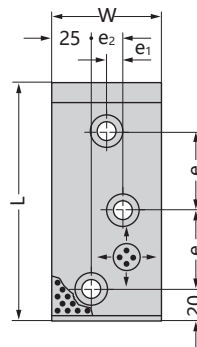
Form C / Shape C



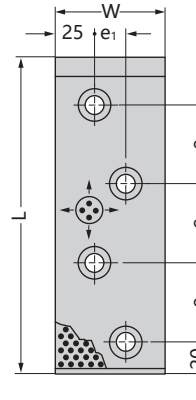
Form E / Shape E



Form B / Shape B



Form D / Shape D



Katalognr. / Catalog No	Form / Shape	W	L	e	e1	e2	e3	Bohrungen / Holes	
4-070100-102	A	70	100	50	20	-	-	2	
4-070150-102	B		150		10	20		3	
4-070200-102	D		200		20	-		50	4
4-100150-102	C	100	150	25	50		-		
4-100200-102	D		200	50					
4-100250-102	E		250						
4-150200-102	D	150	200	50	100	-	-	4	
4-150250-102	E		250					5	

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

- W

- 070

- L

- 100

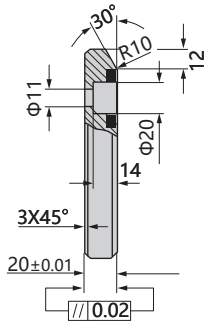
- Typ

- 102





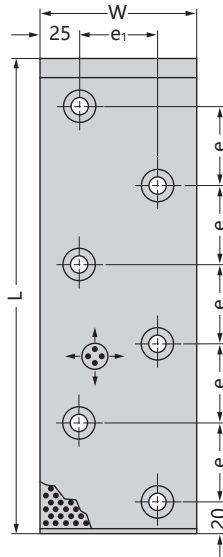
4-XXXXXX-102



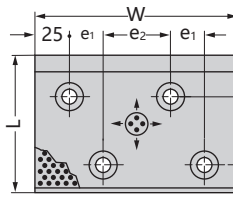
Material
Bronze + Gr
Befestigung/mounting
Schraube/screw
M10 x 25

Nicht im Lieferumfang/
not included

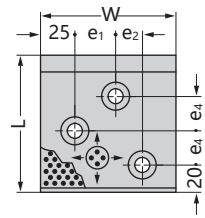
Form F / Shape F



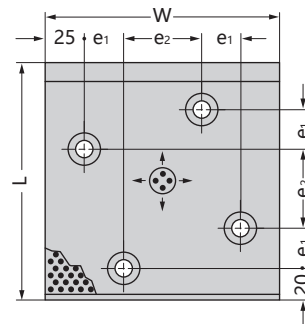
Form G / Shape G



Form I / Shape I



Form H / Shape H



Bestell-Nr. / Order number	Form / Shape	W	L	e	e1	e2	e3	e4	Bohrungen / Holes
4-100100-102	I	100	100	-	30	20	-	25	3
4-100300-102	F		300	50	50	-	-	-	6
4-150100-102	G	150	100	-	25	50	50	-	4
4-150150-102	H		150	-	50	-	-		
4-150300-102	F		300	50	100	-	-		6
4-200100-102	G	200	100	-	50	50	50	-	4

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

-

W

- 100

-

L

- 100

-

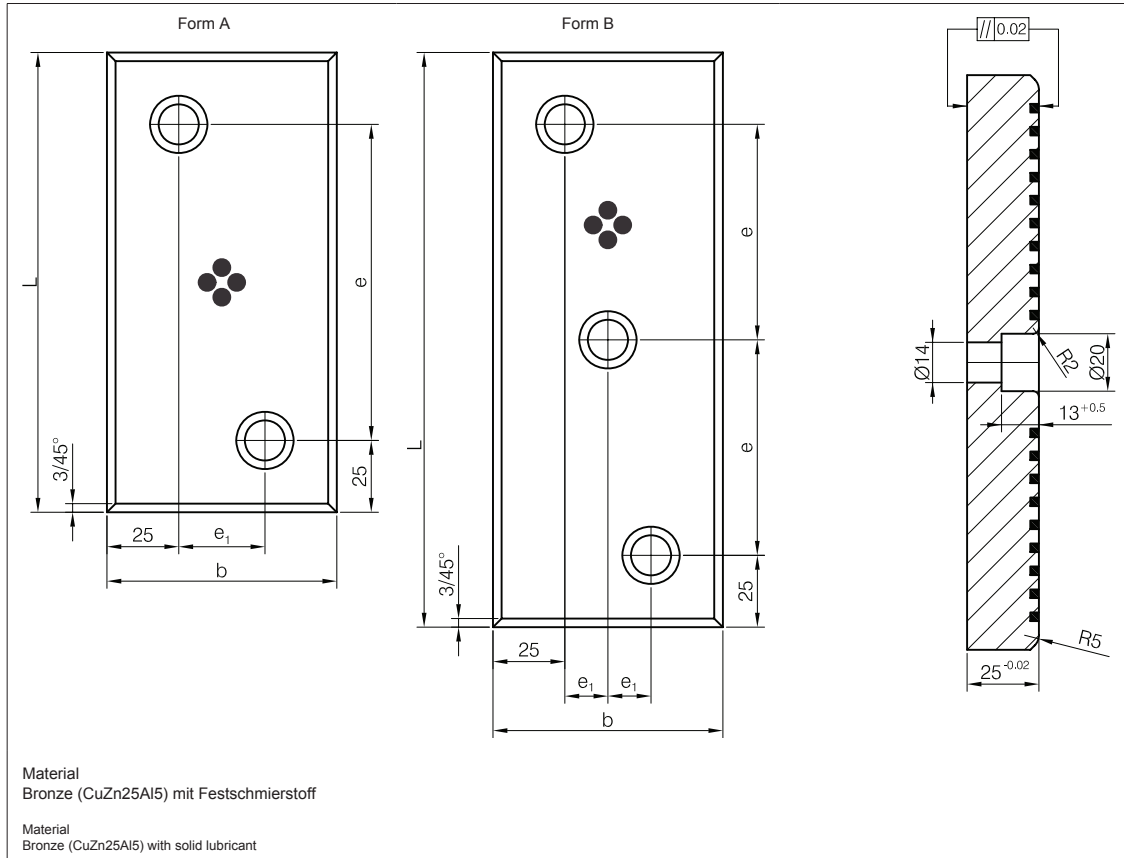
Typ

- 102





4-XXXXXX-104



e_1	e	b	L	Form
30	50	80	100	A
	75		125	
	110		160	B
	150		200	
50	75	100	125	A
	110		160	B
	150		200	B
75	75	125	125	A

Bestellnummer / Order Number

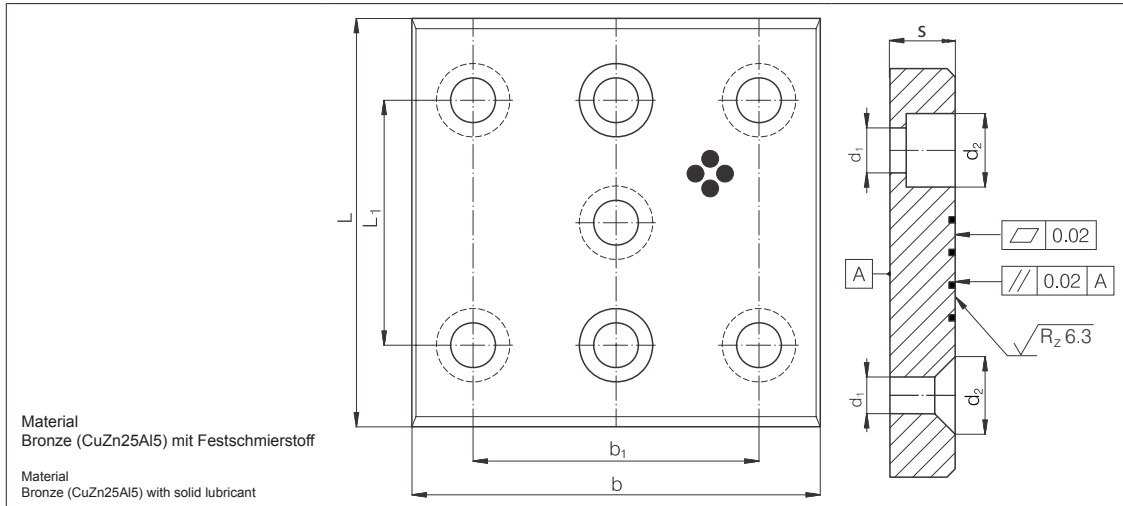
Bestellung / Order: Katalog-Nr. / Catalog No. - b - L - Typ

4 - 080 - 100 - 104





4-XXXXXXX-105



b	L	s	b ₁	L ₁	Form	d ₁	d ₂	t	*
125	100	20	85	60		13,5	20	13	DIN 912 M12x25
	160			120					
	250			210					
100	100	16	60	60		11	18	11	DIN 912 M10x20
	160			120					
	250			210					
80	100	12	40	60		9	15	9	DIN 912 M8x20
	160			120					
	250			210					
	100	20	40	60		13,5	20	13	DIN 912 M12x25
	160			120					
	250			210					
60	100	16	30	60		11	18	11	DIN 912 M10x20
	160			120					
	160			120					
	200			210					
50	100	20	20	60		13,5	20	13	DIN 912 M12x25
	160			120					
	250			210					
40	100	8	-	60		9	16,4	5	DIN 7991 M8x15
	160			120					
	250			210					
	100	12	-	60		9	15	9	DIN 912 M8x20
	160			120					
	250			210					
	100	16	-	60		11	18	11	DIN 912 M10x20
	160			120					
	250			210					
30	100	12	-	60		9	15	9	DIN 912 M8x20
	160			120					
	250			210					

* Schrauben im Lieferumfang enthalten / screws included

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

b

080

L₁

0250

s

12

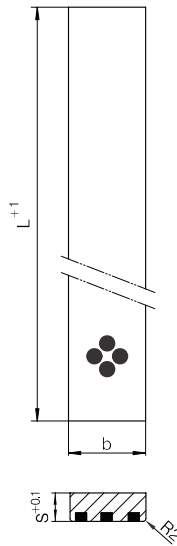
Typ

105





4-XXXXXXXX-106



Material
Bronze (CuZn25Al5) mit Festschmierstoff

Material
Bronze (CuZn25Al5) with solid lubricant

b	L	s	b	L	s
20	305	4	50	605	12
	605	10		1005	20
	1005	12		605	8
	1005	12		1005	10
25	305	5	60	605	12
	500	5		1005	16
	605	5		500	20
	1005	5		1005	20
30	500	6	75	605	12
	605	6		1005	16
	1005	6		500	20
	500	8		1005	20
	605	8		500	10
	1005	8		1005	12
35	500	10	80	605	16
	605	10		1005	20
	1005	10		500	10
	500	8		1005	12
40	605	10	100	605	16
	1005	10		1005	20
	500	12		500	10
	605	12		1005	12
	1005	12		605	16
	500	16		1005	16
50	605	16	125	605	20
	1005	16		1005	20
	500	8		500	10
	500	12		1005	12
50	500	10	160	605	20
	605	10		1005	20
	1005	10		500	10
	500	12		1005	12

* Schrauben im Lieferumfang enthalten / screws included

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

b

080

L

0605

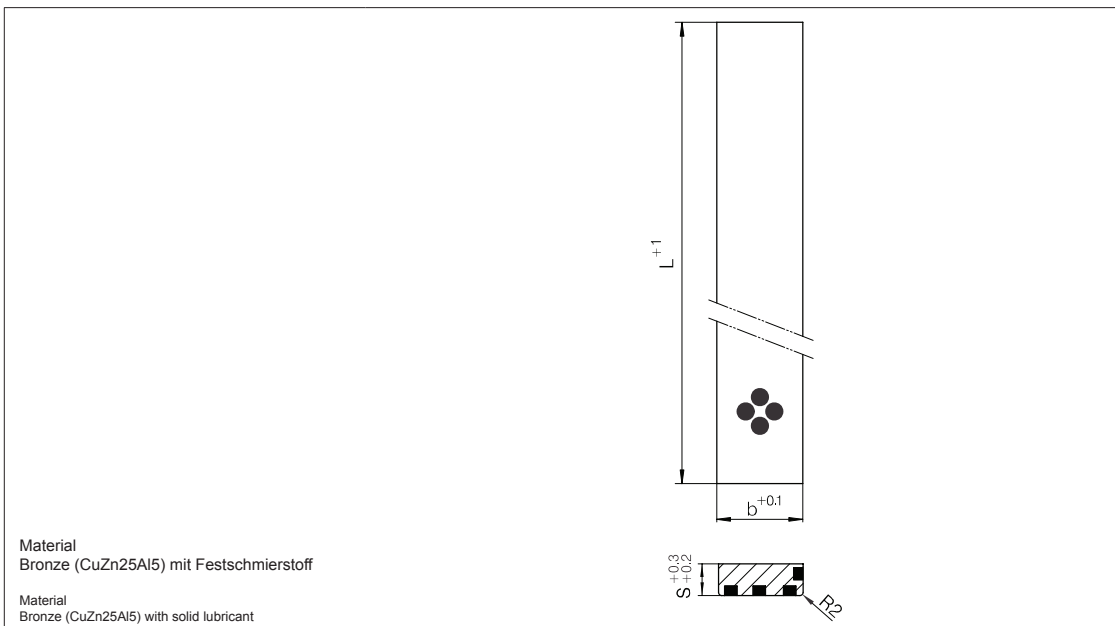
s

20

Typ

106



4-XXXXXXXXXX-107


b	L	s
25	305	5
30		6
35	1005	10
40		8
		12
50		10
		20
60		16
		20
80		12
		20
100	20	

Bestellnummer / Order Number

 Bestellung
Order

Katalog-Nr. / Catalog No.

4

- b

080

 - L₁

0305

- s

06

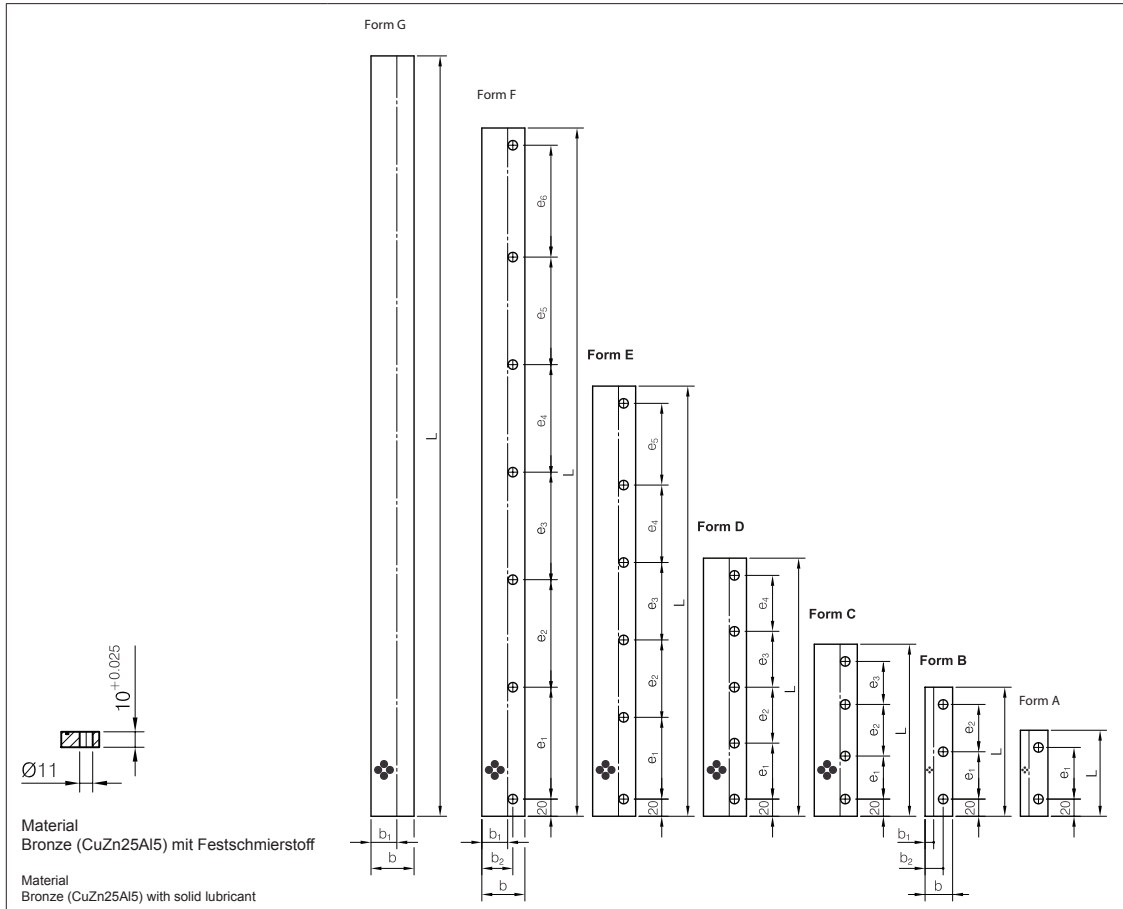
- Typ

107





4-XXXX-108



e ₁	e ₂	e ₃	e ₄	e ₅	e ₆	b ₁	b ₂	Form	b	L
60								A		100
55	55					10	21	B	32	150
60	60									160
55	50	55						C		200
70	70	70								250
65	65	65	65							300
80	75	75	80					D		350
90										400
95	90	90	90	95		30	36	E	50	500
115	110	110	110	115				F		600
130	125	125	125	125	130			G		800
										605
										1005

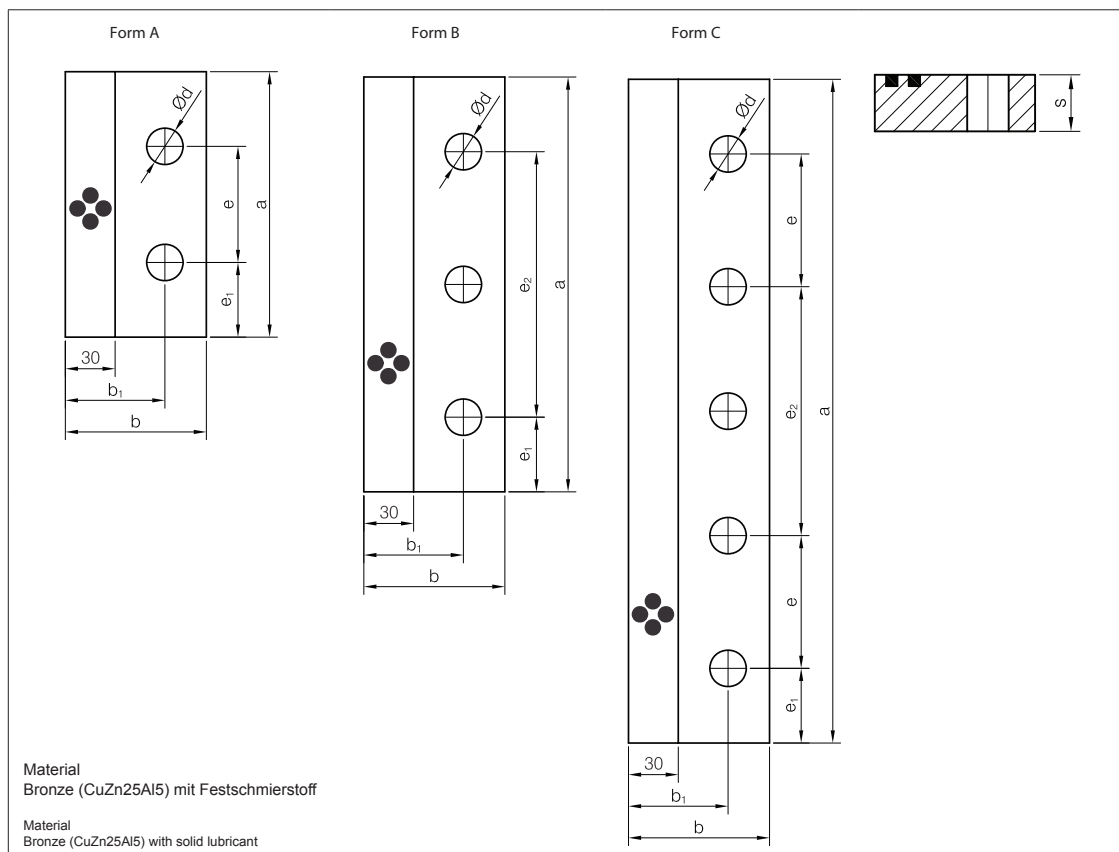
Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No. - L₁ - Typ

4 - 080 - 108



4-XXXXXXXX-109


b ₁	e	e ₁	e ₂	d	b	a	s	Form	
60	70 110	45	-	22	85	160	30	A	
	-		160 210 260 150			200 250 300 350 400 1005		B	
	80		-			C			
	-		-			-		-	
	70 110	45	-	18		160 200 250 400 1005		25	A
	-		160 150			B			
80	-		C						
-	-		-		-				
75	70 110	45	-	22	125	160 200 250 300 350 400 450 500 1005	30	A	
	-		160 210 260 150 190 240			B			
	80		50			C			
	-		-			-		-	

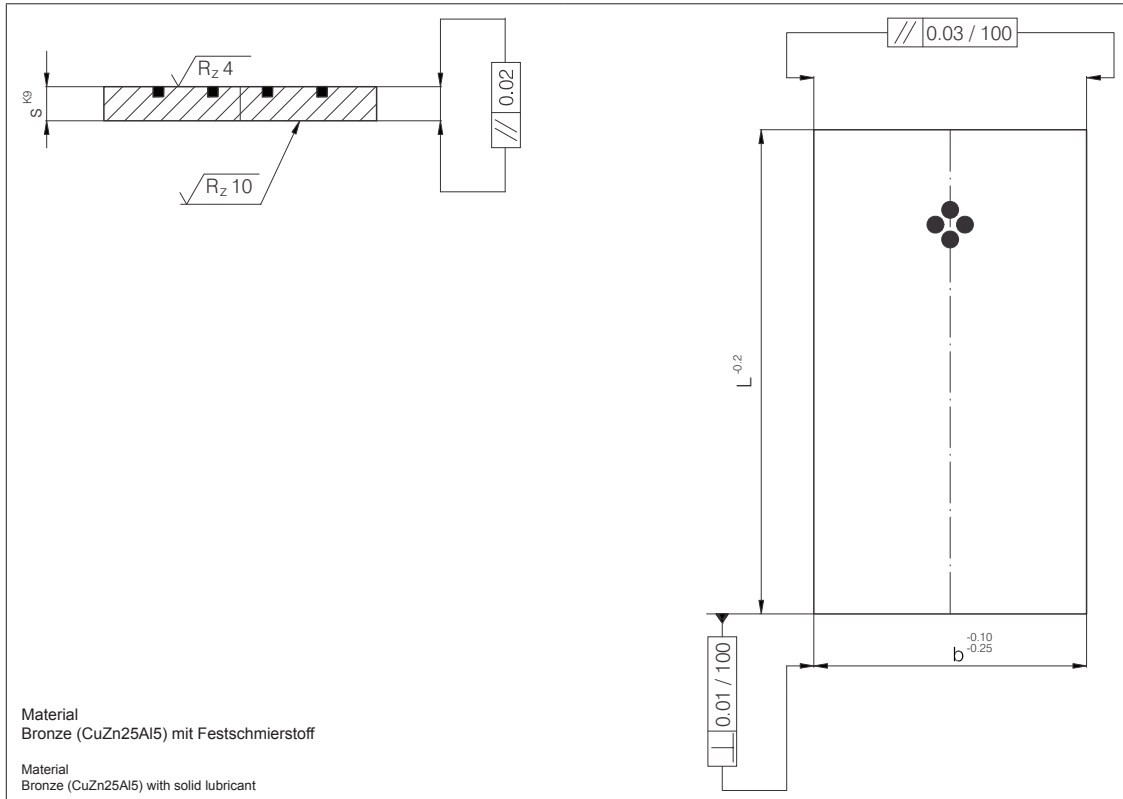
Bestellnummer / Order Number

Bestellung Order	Katalog-Nr. / Catalog No.	-	b	-	a	-	s	-	Typ
	4	-	125	-	0350	-	30	-	109





4-XXXXXX-110



b	s	L
25	5	50
		71
		90
		50
40	6	71
		90
		80
		100
63	6	125
		160
		80
		100

Bestellnummer / Order Number

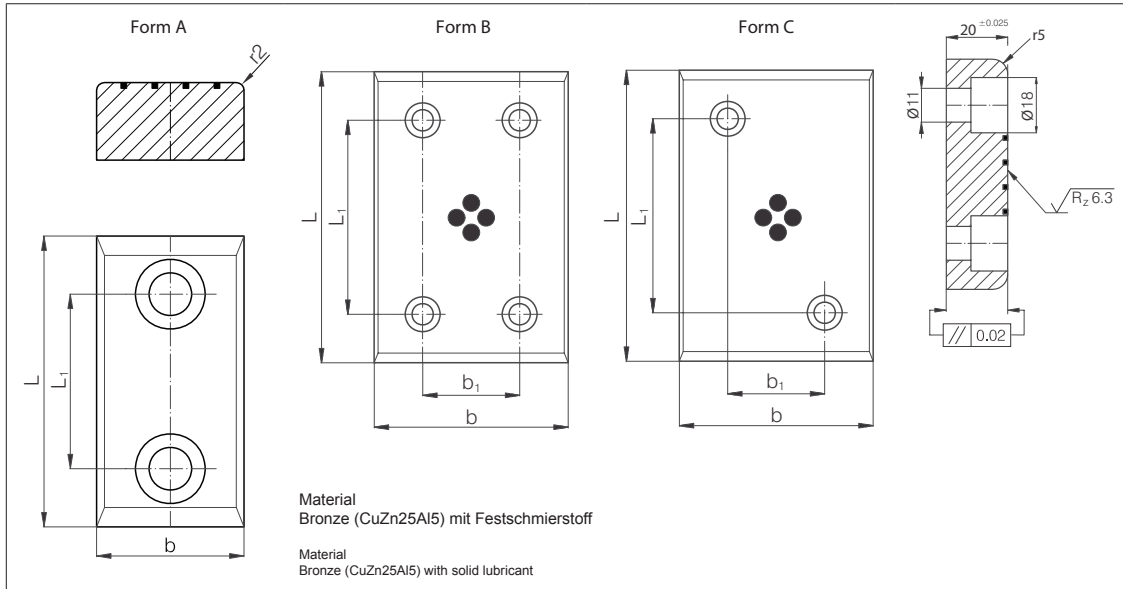
Bestellung / Order: Katalog-Nr. / Catalog No. - b - L₁ - s - Typ

4 - 40 - 080 - 6 - 110





4-XXXXXF-111



b	L	b ₁	L ₁	Form	b	L	b ₁	L ₁	Form
28	75		45	A	75	200	25	150	A
	100		50			100		50	C
	125		75		100	100	50	50	B
	150		100			125		75	
38	75		45			150		100	
	100		50			200		150	
	125		75			250		200	
	150		100			300		200	
48	75		45		125	125	50	75	
	100		50			150		100	
	125		75			200		150	
	150		100			250		200	
58	75		45			300		250	
	100		50			350		200	
75	75		45		150	150	100	100	
	100		50			200		150	
	150		100			250		200	
	200		150			300		250	
75	75		25		200	200	150	150	
	100		50			250		200	
	125		75			300		250	
	150		100			350		250	

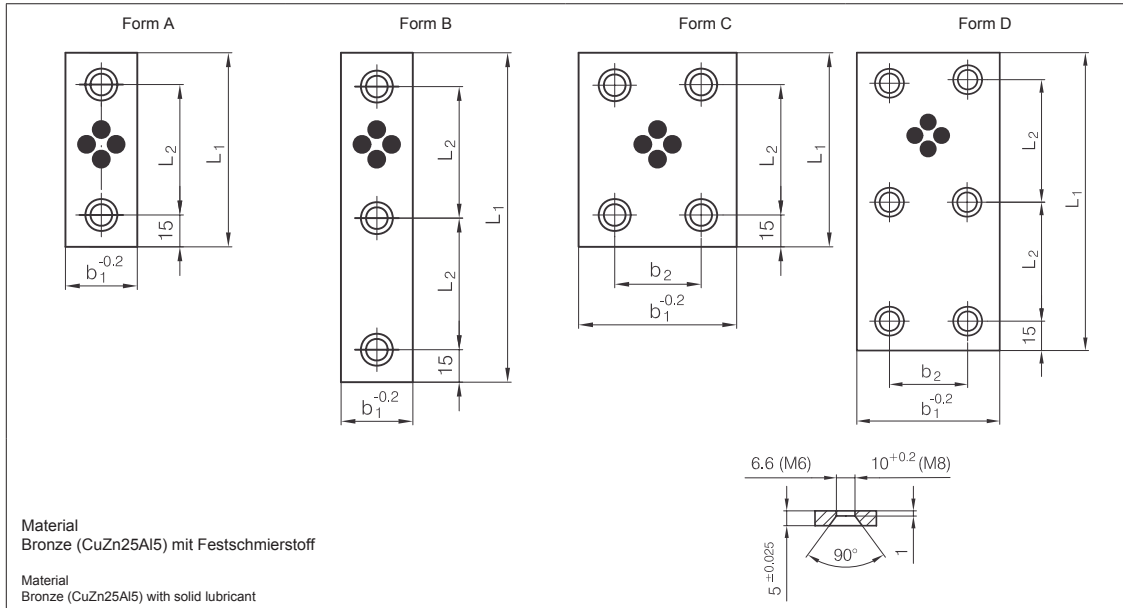
Bestellnummer / Order Number

Bestellung Order	Katalog-Nr. / Catalog No.	-	b	-	L ₁	-	s	-	Form	-	Typ
	4		125		250		20		B		111





4-XXXXXX-112



L ₂	Form		b ₂	b ₁	L ₁
20	A	M6	-	18	50
45					75
70	B	M6	-	18	100
60					150
20	A	M8	-	28	50
45					75
70	B	M8	-	28	100
60					150
20	A	M8	-	38	50
45					75
70	B	M8	-	38	100
60					150
45	A	M8	-	48	75
70					100
95	B	M8	-	48	125
60					150
45	C	M8	45	75	75
70					100
95	D	M8	45	75	125
60					150
70	C	M8	70	100	100
95					125
60	D	M8	70	100	150

* Schrauben im Lieferumfang enthalten / screws included

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

b₁

038

L

150

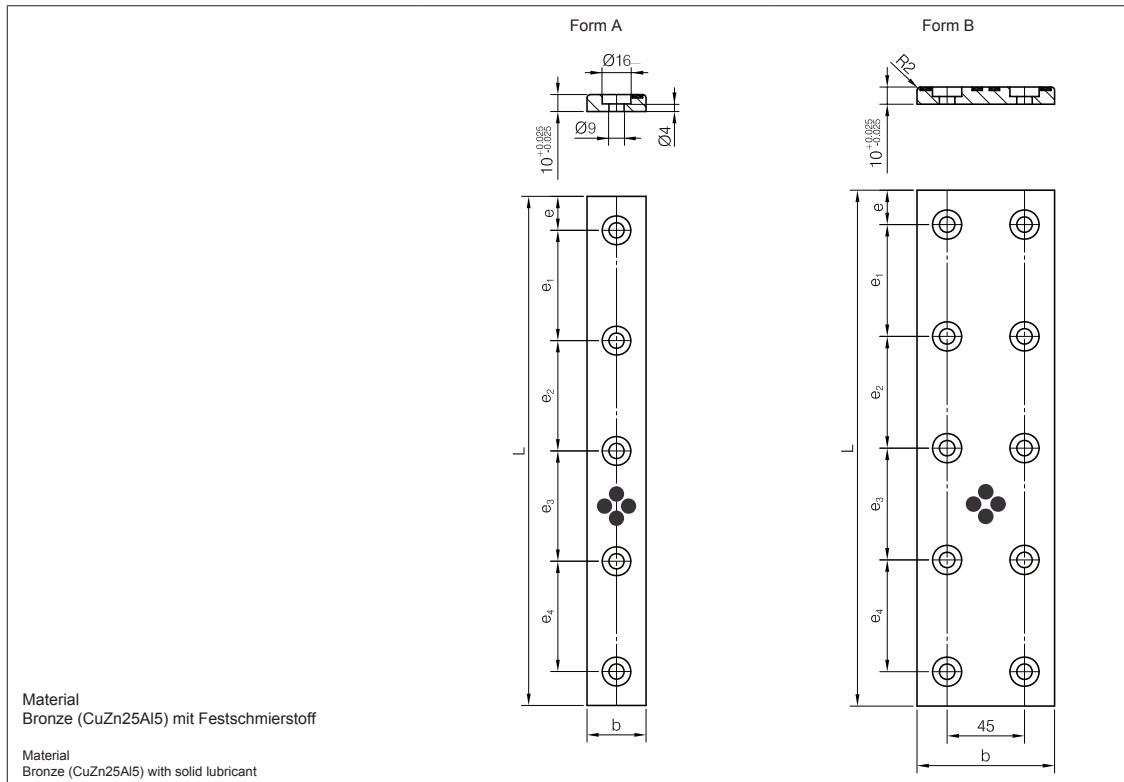
Typ

112





4-XXXXXX-113



e	e ₁	e ₂	e ₃	e ₄	b	L	Form
20	60	-	-	-	35	100	A
	55	55				55	
		50	200				
	70	70	70			250	
	65	65	65	65		300	
	80	75	75	80		350	
	60	-	-	50	100		
	55	55			55	150	
		50	200				
	70	70	70		250		
	65	65	65		65	300	
	80	75	75		80	350	
	110	-	-	75	150	B	
	80	80			85		200
	105	105					250
	85	90	300				
	120	120	120		400		
	115	115	115	115	500		

Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No.

-

b

-

L

-

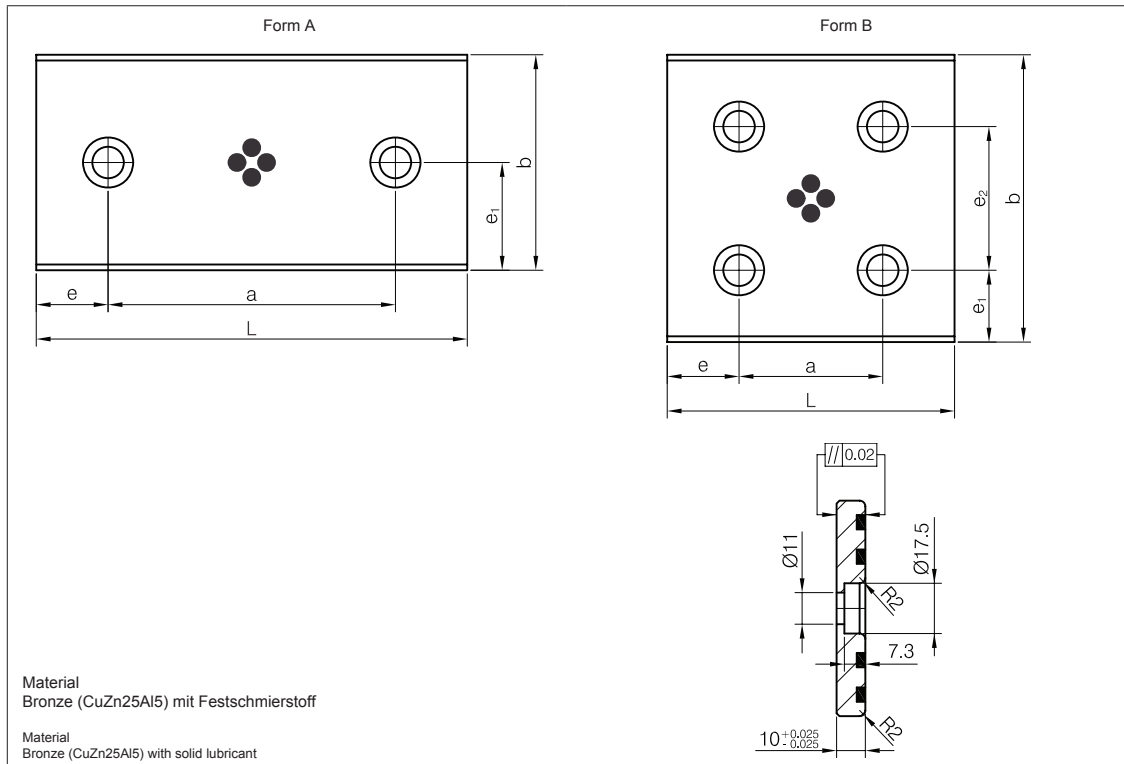
Typ

4
050
250
113





4-XXXXXX-114



e ₁	e ₂	a	e	b	L	Form
14		45	15	28	75	A
		50	25		100	
		75			125	
		100			150	
19		45	15	38	75	
		50	25		100	
		75			125	
		100			150	
24		45	15	48	75	
		50	25		100	
		75			125	
		100			150	
150		200				
37,5		45	15	75	75	
		50			100	
		75			125	
	100	150				
150	200					
25	50	50	25	100	100	B
		75			125	
		100			150	
		150			200	
200		250				
37,5		100		125	150	
		150			200	
		200			250	
25	100	100		150	150	
		150			200	
		200			250	

Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No.

-

b

-

L

-

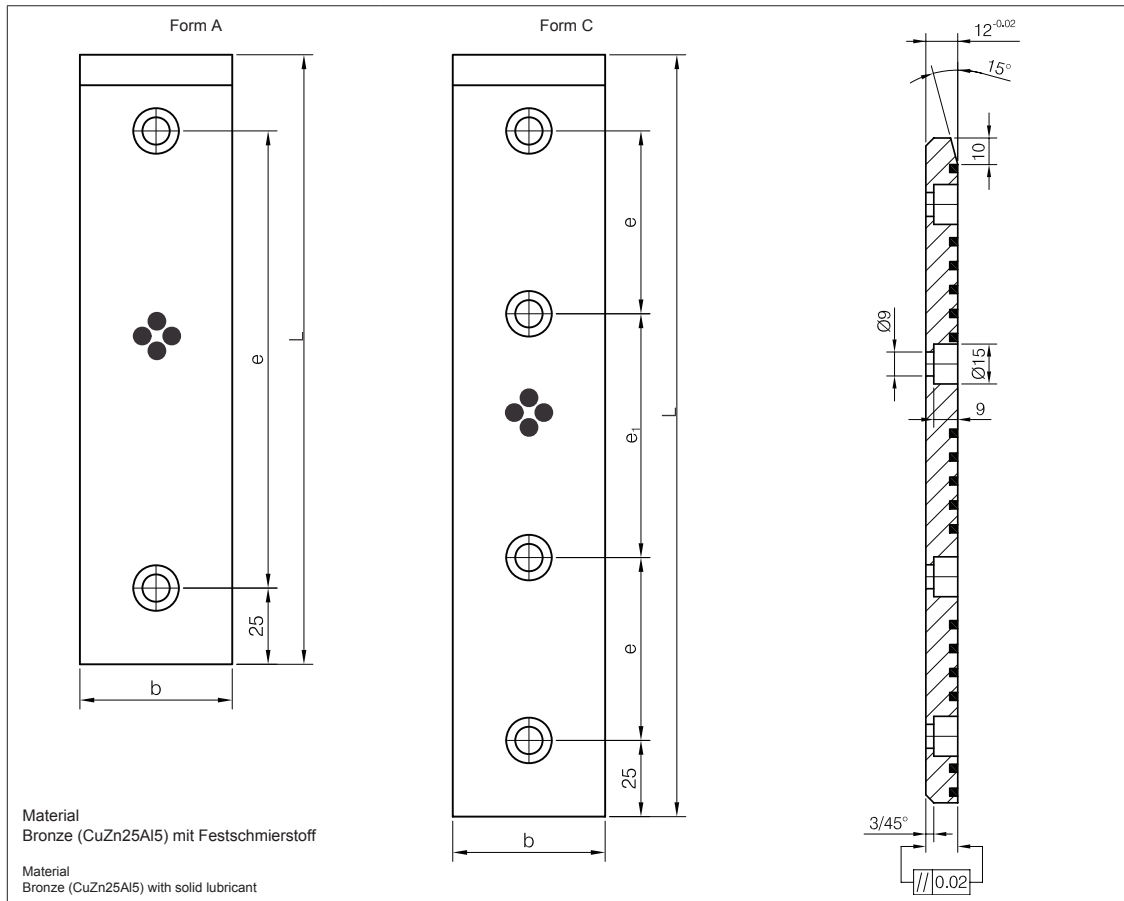
Typ

4
048
125
114





4-XXXXXX-115



e	e ₁	b	L	Form	VW 39D 954
110	-	25	160	A	
150			200		
30			80		11
50			100		12
75		30	125		13
110			160		14
150			200		15
30		40	80		16
50			100		17
75			125		18
110			160		19
150		50	200		20
30			80		21
50			100		22
75			125		23
110			160		24

e	e ₁	b	L	Form	VW 39D 954
150	-	50	200	A	25
60	80		250	C	36
80	90		300		37
100	100		350		38
120	110		400		39
30	-	60	80	A	26
50			100		27
75			125		28
110			160		29
150		200	30		
30		80	80		31
50			100		32
75			125		33
110			160		34
150			200		35
70			60		250

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

b

050

L

300

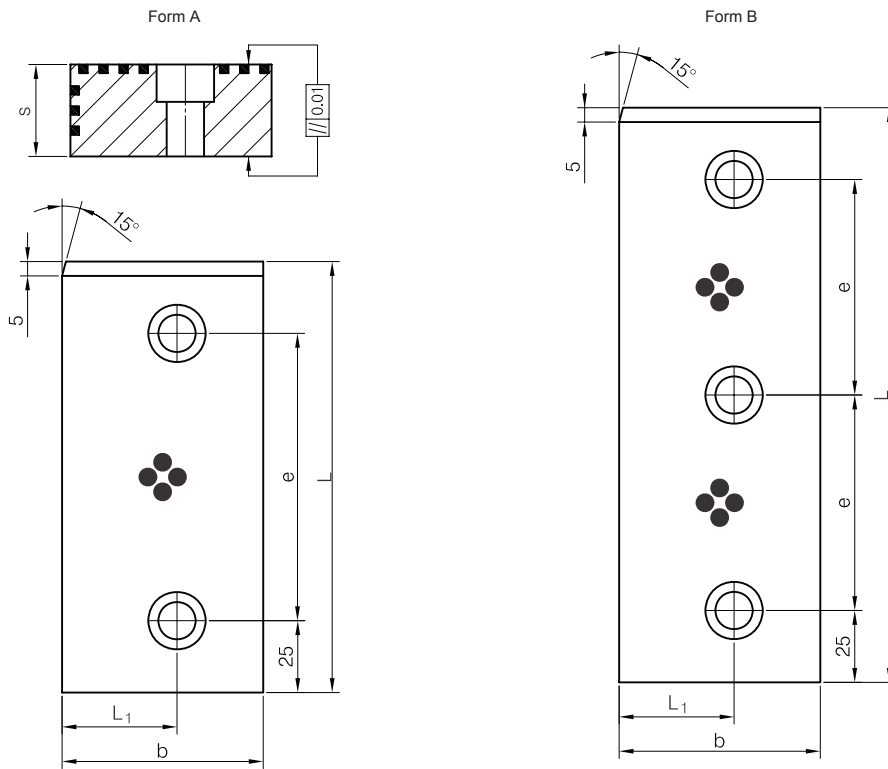
Typ

115





4-XXXXX-205



Material
Bronze (CuZn25Al5) mit Festschmierstoff

Material
Bronze (CuZn25Al5) with solid lubricant

L ₁	e	b	L	s	Form
30	75	60	125	30	A
	100		150		
	110		160		B
	75		200		
	75		125	40	A
	100		150		
	110		160		B
	75		200		

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

L

200

s

30

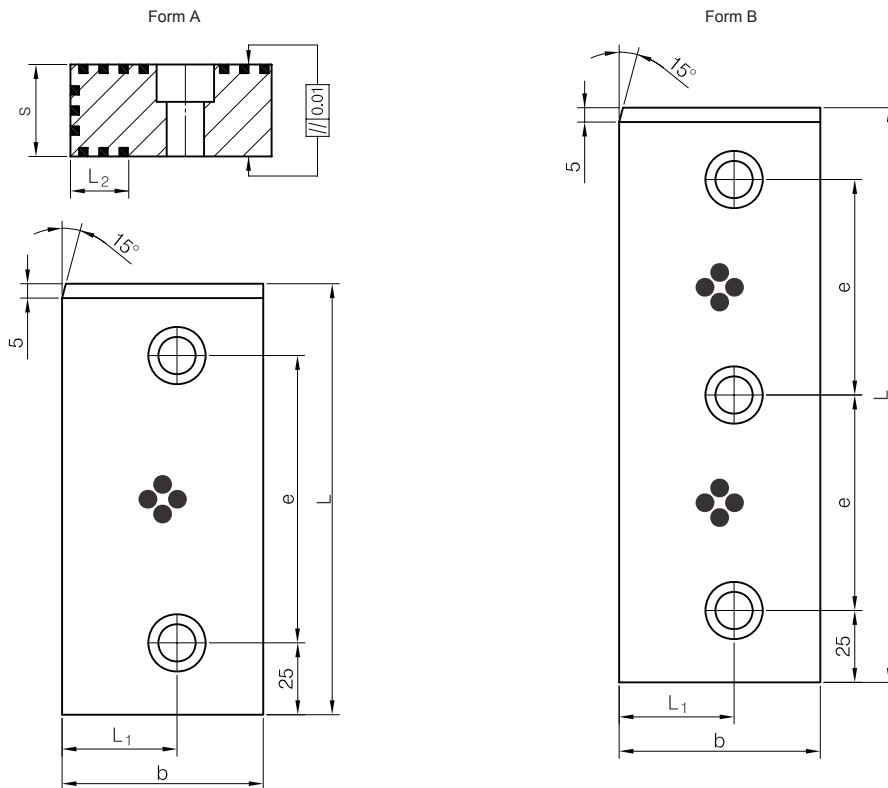
Typ

205





4-XXXXX-206



Material
Bronze (CuZn25Al5) mit Festschmierstoff

Material
Bronze (CuZn25Al5) with solid lubricant

L ₁	L ₂	e	b	L	s	Form
40	25	75	70	125	32	A
		100		150		A
		75		200		B
		75		125		A
55	30	50	90	150	45	B
		75		200		B
		75		200		B

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

4

L

200

s

32

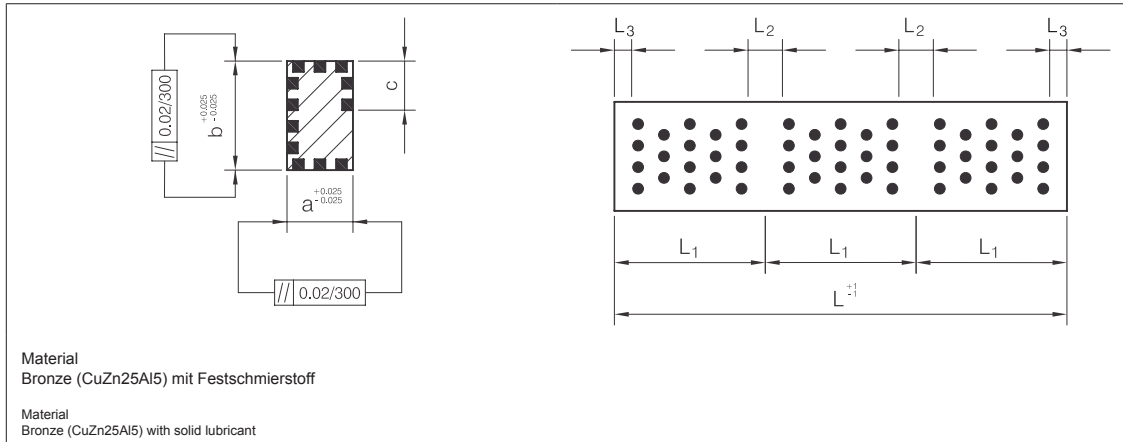
Typ

206





4-XXXXXX-207



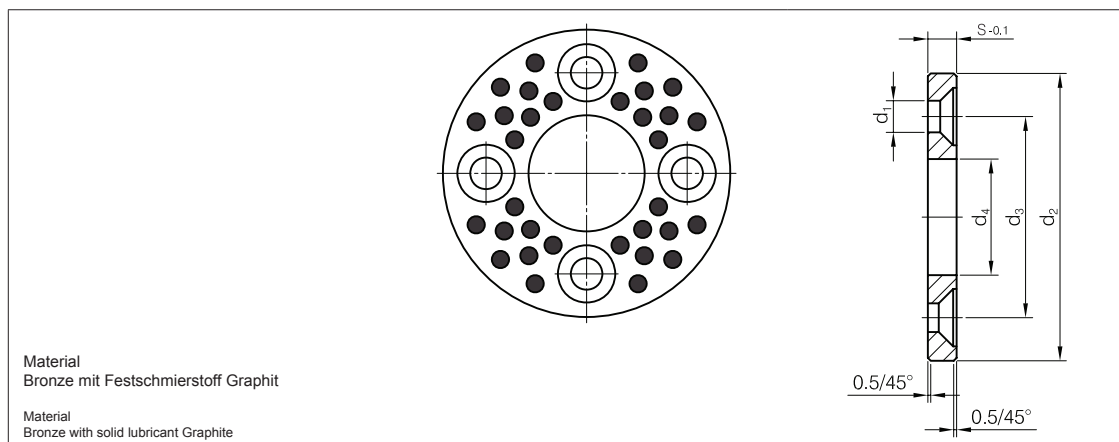
c	L ₁	L ₂	b	a	L
6	25	6	15,3	10,3	75
					100
					125
					150
					175
					200
					225
					250
					275
					300
8	35	8	25,3	15,3	105
					140
					175
					210
					245
					280
					315
					350
					385
					420
12	45	10	35,3	25,3	455
					490
					135
					180
					225
					270
					315
					360
					405
					450
16	55	12	45,3	35,3	495
					165
					220
					275
					330
					385
					440

Bestellnummer / Order Number

Bestellung / Order: - - -

4 - 253 - 315 - 207



4-XXX-400


s	Schraube/ Screw *	d ₁	d ₂	d ₃	d ₄
3	-	-	40	-	12,2
			50		16,2
5	2 x M5	5,5	55	35	20,2
			60	40	25,2
			60	45	30,2
			70	50	35,2
7	2 x M6	6,6	80	60	40,2
8	4 x M6		90	67,5	45,3
	10	4 x M8	9	100	75
120				90	60,3
4 x M10		11	130	100	70,3
			150	120	80,3
	170		140	90,5	
			190	160	100,5
			200	175	120,5

* Schraube im Lieferumfang enthalten / screw is included

Bestellnummer / Order Number

	Bestellung Order	Katalog-Nr. / Catalog No.	-	d ₄	-	Typ
		4		302		400

