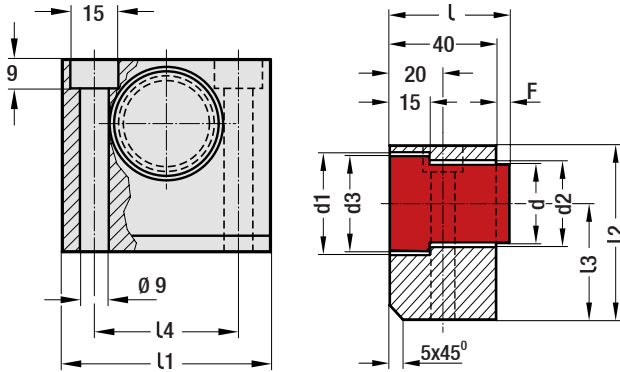




Slide Stop Block

Code: **G97**

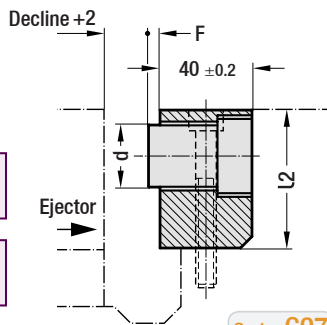
Note: Fixing screws (M8 cylinder head cap screws) should be provided separately.



Reference:
BMW - Ford - VW - Audi
Polyurethane: 90 Shore

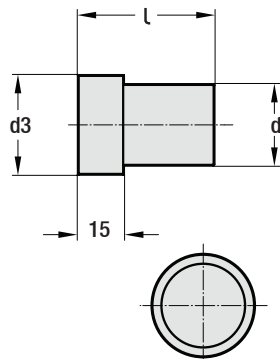
Order: **G97. L1**

Material: CK45 Steel
Polyurethane 90 Shore



Code: **G97**

L1	Load N	d	d1	d2	d3	L	L1	L2	L3	L4	F
65	5200	27	35	30	34	45	65	60	40	45	5
75	9800	36	45	40	44	45	75	70	45	55	5



Slide Stopper

Code: **G97A**



Slide stopper for is 90 Shore.
Used with slide stop block.

d	d3	L
27	34	45
36	44	45

Order: **G97A. d**



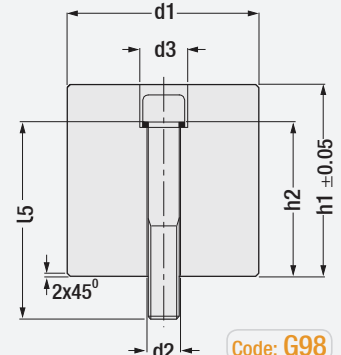
Cylinder Stopping Block

Code: **G98**

Note: Fixing screws
should be provided separately.

Order: **G98. d1**

Material: 1.7131 (16MnCr5)
Hardness: 60 - 64 HRC



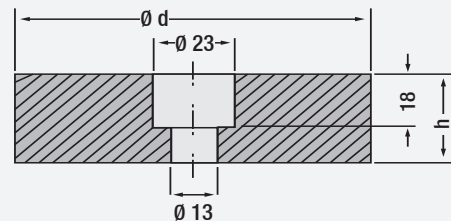
Code: **G98**

d1	Screw	d2	d3	h1	h2	L5
40	M.10	11	18	30 ~ 60	20	30 - 40
60	M.12	14	20	40 ~ 80	22	40 - 50
80	M.12	14	20	56 ~ 100	42	50 - 60
100	M.16	18	26	80 ~ 160	62	80
120	M.20	22	33	104 ~ 160	82	100
150	M.20	22	33	124 ~ 160	102	120



Cylinder Stopping Block

Code: **G98B**



Reference: FCA

Code: **G98B**

d	h
Diameter 80 mm	Thickness 25 mm
Diameter 80 mm	Thickness 30 mm
Diameter 100 mm	Thickness 25 mm
Diameter 100 mm	Thickness 30 mm
Diameter 120 mm	Thickness 25 mm
Diameter 120 mm	Thickness 30 mm

Order: **G98B. d x h**

Material: 1.7131 (16MnCr5)
Hardness: 60 - 64 HRC

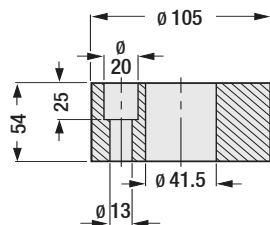
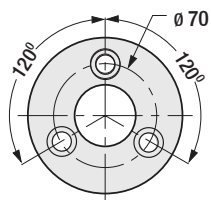




Code: **G99**

Cylinder Locating Block

(FCA Code: CNT_ST_01)



Order: **G99.105**

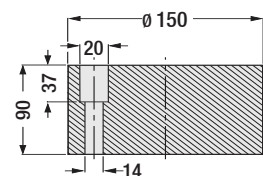
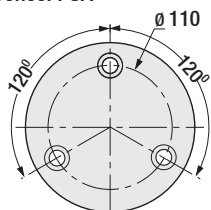
Material: 1.7131 (16MnCr5)
Hardness: 60 - 64 HRC



Code: **G99B**

Cylinder Locating Block

Reference: PSA



Order: **G99B.150**

Material: 1.7131 (16MnCr5)
Hardness: 60 - 64 HRC

Guide

Code: **G67 - G67S**



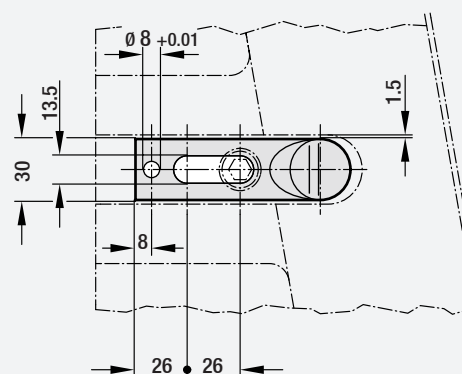
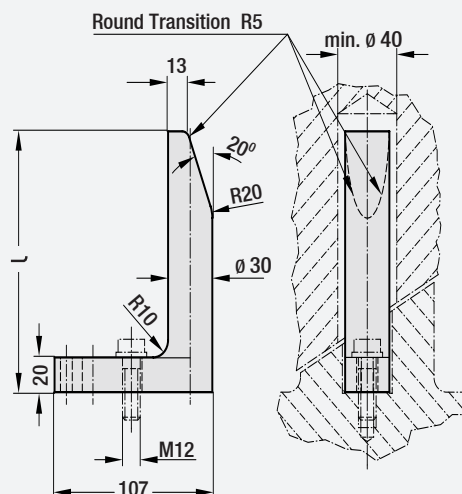
Code: G67

Material:
CK45 Forged

Code: G67S

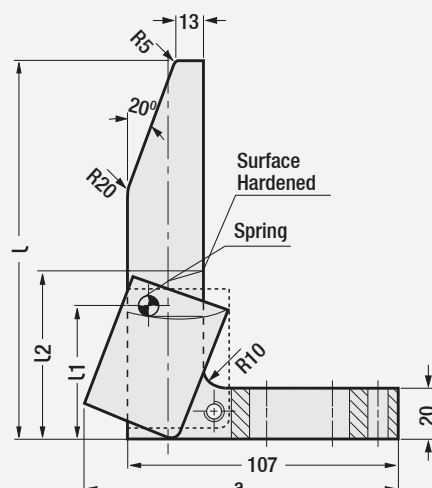
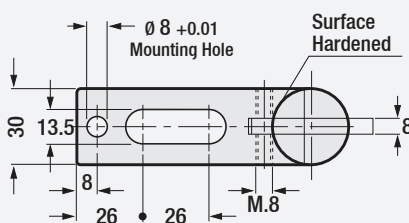
Material: CK45 Forged
Hardened 50 - 55 HRC

Order Code		l
G67.065	G67S.065	65 mm
G67.090	G67S.090	90 mm
G67.120	G67S.120	120 mm
G67.150	G67S.150	150 mm
G67.180	G67S.180	180 mm
G67.250	G67S.250	250 mm
G67.300	G67S.300	300 mm
G67.350	G67S.350	350 mm



Guide with Part Position Control

Code: **G68**



Order Code	l	l1	l2	a
G68.120	120	55	70	120
G68.150	150	55	70	120
G68.180	180	105	120	124
G68.250	250	105	120	124

Material: CK45 Forged
Hardened 50 - 55 HRC

Dies



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Centring Pin

VW / AUDI
Ref.: 39V 1205

Code: **G65**

BMW
Ref.: B2 4068 2

Centring Pin

Mercedes-Benz Standard
Ref.: B8 0602 321 008 801

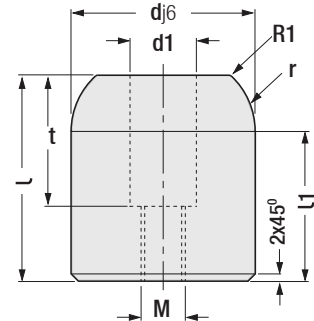
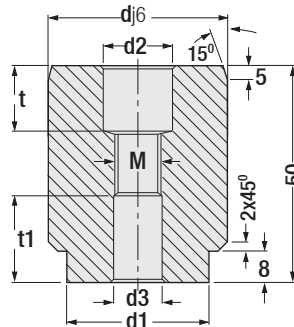
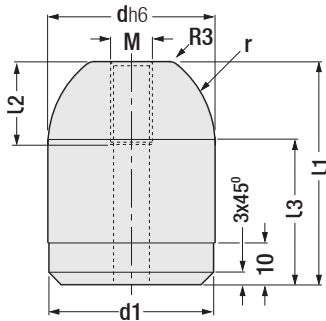
Code: **G62**

Centring Pin

FCA
Ref.: STQ.40015

Code: **G66**

Centring Pins: It is used for centring of perforated parts. Using centring pin provides centring repeatedly with high sensitivity at dies and fixtures. Mounted parts are centered with high sensitivity and quickly. Screws used for mounting of products should be provided by user.



Code: **G65**

d	l1	l2	l3	d1	M	r
22	45	16	35	21.95	M8	15
22	55	16	45	21.95	M8	15
32	50	20	35	31.95	M10	20
40	55	20	35	39.95	M10	25
40	65	20	45	39.95	M10	25
50	55	20	35	49.95	M10	25

Code: **G62**

d	d1	d2	d3	M	t	t1
22	16	11	9	M8	13	16
25	18	11	9	M8	13	16
32	25	11	9	M8	13	16
40	32	15	11	M10	16	20
50	42	15	11	M10	16	20

Code: **G66**

d	l	l1	d1	t	M	r
22	45	37.5	14	25	M10	20
32	50	40	18	35	M12	20
40	55	40	18	35	M12	20
50	55	40	18	35	M12	20



Order: **G66. d**

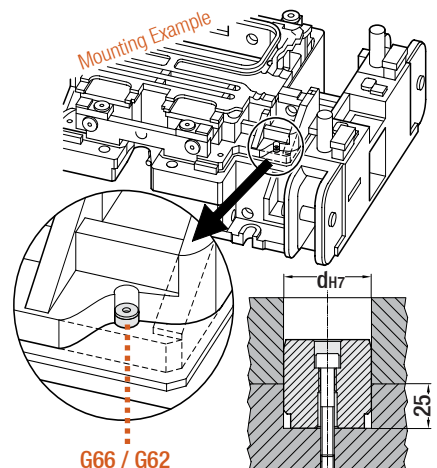
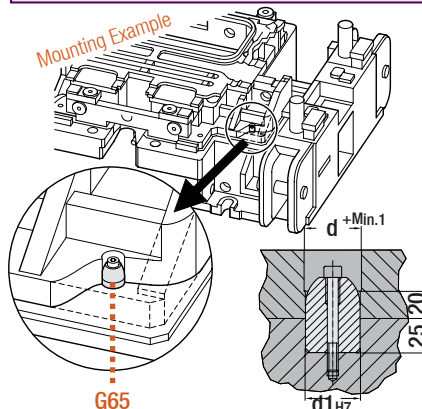


Order: **G65. d x l1**

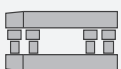
Material: 1.7131 (16MnCr5)
Hardness: 58 - 62 HRC



Order: **G62. d**



All dimensions without tolerance
are in EN 22768 - 1 (m) standards.



NEW

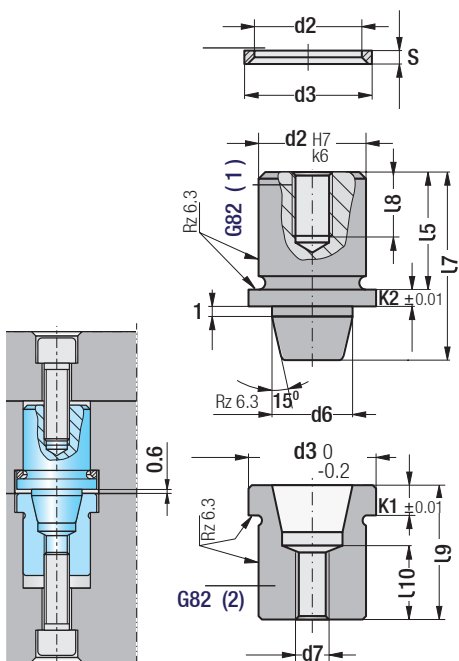


Code: **G82**

Tapered Locating Unit, Headed

Tapered Locating Units: They are used to increase speed of repeatability while providing precision centring in dies and moulds. Mounting screws are provided with products and the support washer (G59) can be provided as per request.

Headed Type: It is suitable to be used for centring in female and male plates in moulds (seal-rubber & blowing moulds).



Code: **G82**

d2	d3	d6	d7	K1	K2
14	17	12	M.8	4	2.5
24	28	20	M.8	6	4
34	38	30	M.8	8	5
42	46	35	M.8	8	5

d2	l5	l7	l8	l9	l10	S
14	17	24.5	15	19.5	13	1.7
24	27	42	20	32	18	2.0
34	28	42	20	32	18	3.0
42	28	48	20	47	28	3.0



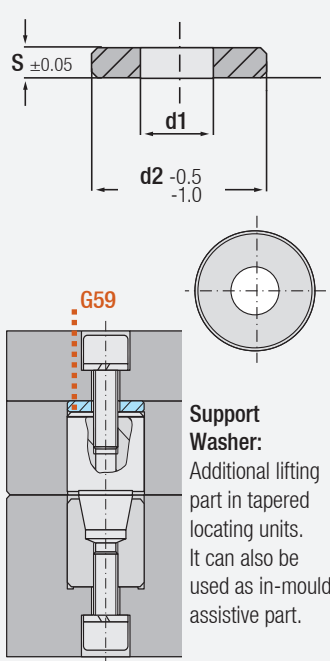
Order:
G82. d2

Material: 1.7131 (16MnCr5)
Hardness: 60 - 62 HRC



Code: **G59**

Support Washer



Support Washer:
Additional lifting part in tapered locating units. It can also be used as in-mould assistive part.

Code: **G59**

d2	S	d1
12	5	6.5
14	5	6.5
16	5	6.5
17	5	8.5
20	5	8.5
25	5	8.5
26	10	8.5
30	5	10.5
32	5	10.5
40	5	10.5
42	5	10.5
50	5	13

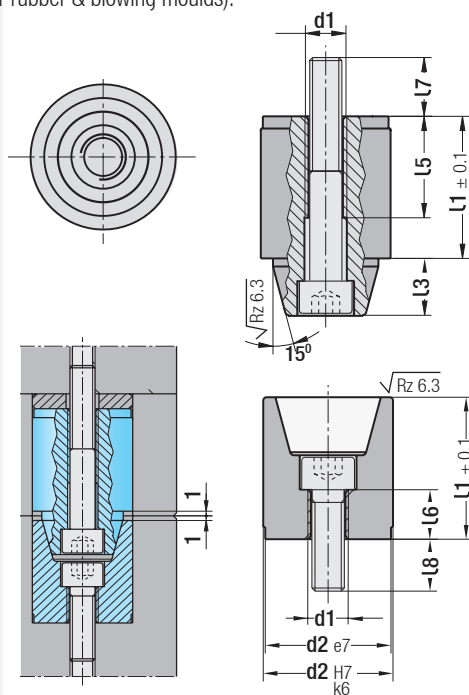


Order: **G59. d2 x S**



Code: **G60**

Tapered Locating Unit



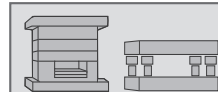
Code: **G60**

d2	l1	l3	l5	l6	l7	l8	Screw d1
12	16	4.5	9.6	7	8	7.5	M4
14	16	6	12.4	6	6	6	M5
16	16	6	12.4	6	6	6	M5
20	26	9	19.7	10.5	12	9.5	M8
25	26	10	19.7	10.5	11	11	M8
30	35	14	25	11.5	15	13	M10
32	35	14	25	12.4	15	13	M10
42	45	18	27	18.5	16	13	M10



Order:
G60. d2

Material: 1.7131 (16MnCr5)
Hardness: 60 - 62 HRC



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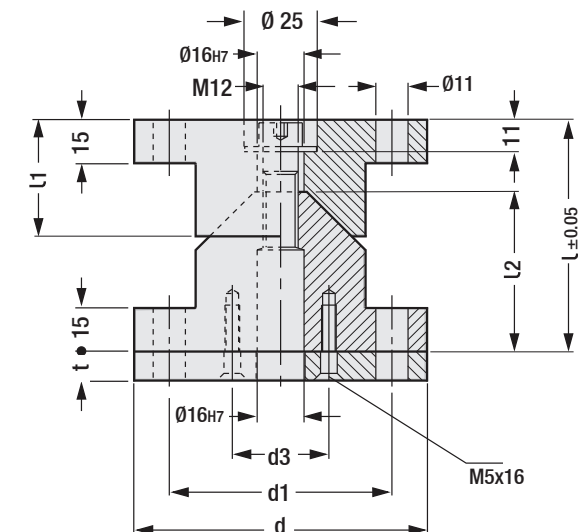


Locating Cone

Code: **G64**

Shim Plate (as per request, form A - B - C)

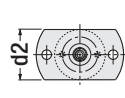
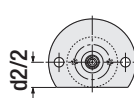
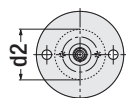
Shim plates are with the unit in thickness (t) specified dimensions as a standard. Except this, other form (A - B - C) shim plates can be ordered as per request. Mounting screws are excluded.



Form - A

Form - B

Form - C



Code: **G64**

d	l	d1	d2	d3	l1	l2	t	Form
100	80	76	58	40.5	40	55	5.5	A
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	5.5	B
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	5.5	C
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	10	A
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	10	B
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	10	C
120	90	96	78	50.5	50	65		
100	80	76	58	40.5	40	55	10.5	C
120	90	96	78	50.5	50	65		

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Dies



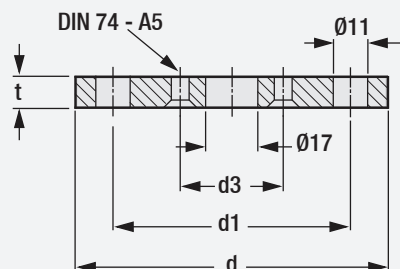
Order:
G64. d x l x t x Form



Shim Plate for Locating Cone

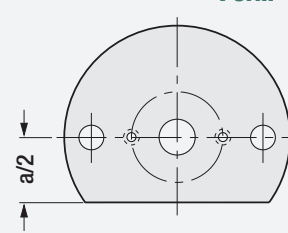
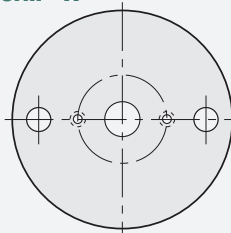
Code: **G64A**

(Custom-made products as per request)

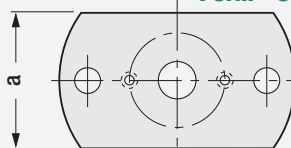


Form - A

Form - B



Form - C



Note: Fixing screws will be provided separately.

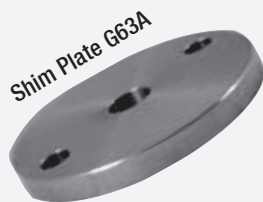
Code: **G64A**

d	t	d1	d3	a	Form
100	5.5	76	40.5	58	A
120		96	50.5	78	
100	5.5	76	40.5	58	B
120		96	50.5	78	
100	5.5	76	40.5	58	C
120		96	50.5	78	
100	10	76	40.5	58	A
120		96	50.5	78	
100	10	76	40.5	58	B
120		96	50.5	78	
100	10	76	40.5	58	C
120		96	50.5	78	
100	10.5	76	40.5	58	C
120		96	50.5	78	



Order:
G64A. d x t x Form

Material: 1.0503 (CK45)

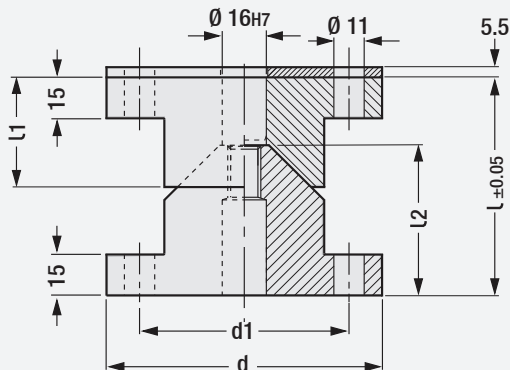


Locating Cone - NAAMS

Code: **G63**

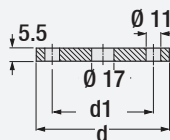
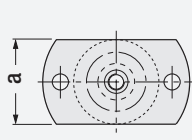
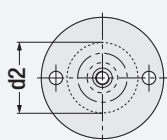
Shim Plate (as per request, Form A - B)

Reference: NAAMS G91



Form - A

Form - B



Code: **G63**

d	l	d1	d2	l1	l2	Form
100	80	76	58	40	55	A
120	90	96	78	50	65	
100	80	76	58	40	55	B
120	90	96	78	50	65	

Shim plates are with locating cones in (5.5 mm) dimension as a standard.
For your custom-made shim plate orders, you can make selections from the following table.



Order:
G63. d x Form

Material: 1.7131 (16MnCr5)
Hardness: 60 - 64 HRC

Shim Plate

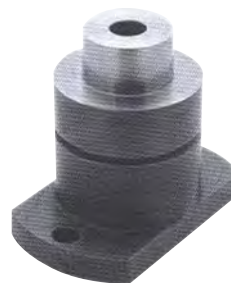
Code: **G63.A**

d	d1	a	Form
100	76	-	A
120	96	-	
100	76	58	B
120	96	78	



Order:
G63A. d x Form

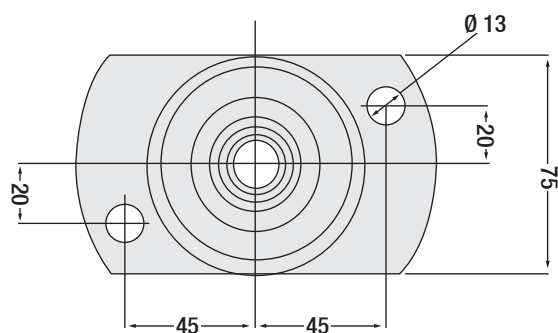
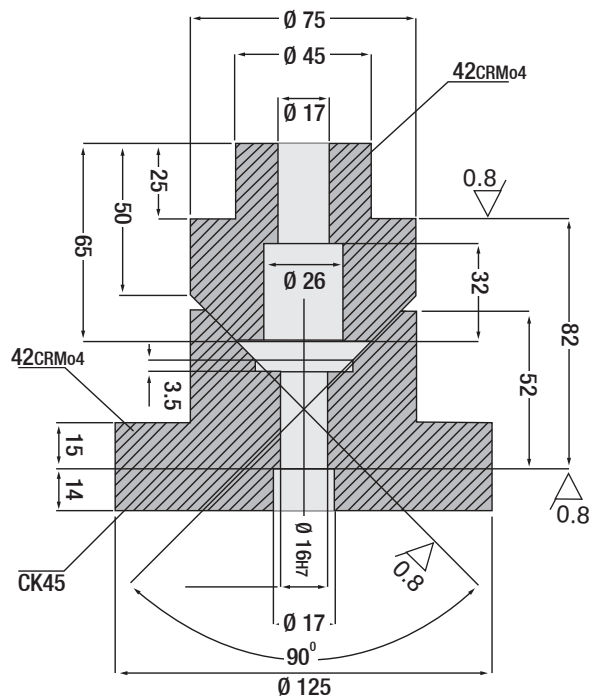
Material: 1.0503 (CK45)



Locating Cone

Code: **G46**

(Custom-made products as per request)



Note: For all dimensions without tolerance according to en 22768-1 (m), all corners will be chamfered.



Order: **G46**

Material:
See Technical Drawing

GTH

Dies



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NEW



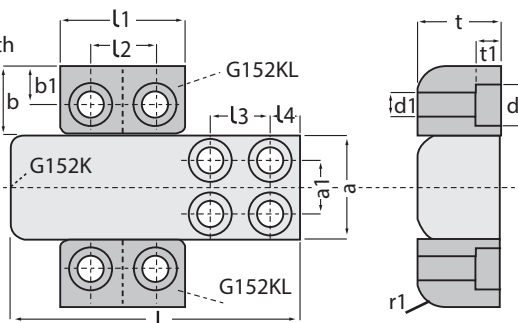
Bar Lock Slide Block Code:G152K

It provides making selections among ready-made products for wide moulds with movable plates more than one for mould designers. During production, insert locks and only wipe outer surfaces. Please do not touch thin layer of lubrication in joints.

Order: **G152K.a x l**

Material:1.2343
Hardness:58 - 62 HRC

Bar Lock System Code:G152



Order: **G152. t x l**

Bar Lock Guide Jaw Code:G152KL

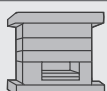
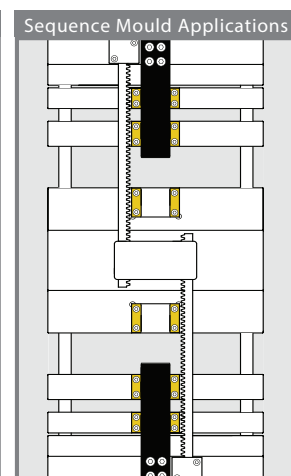
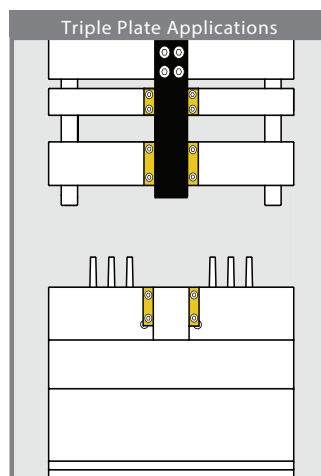
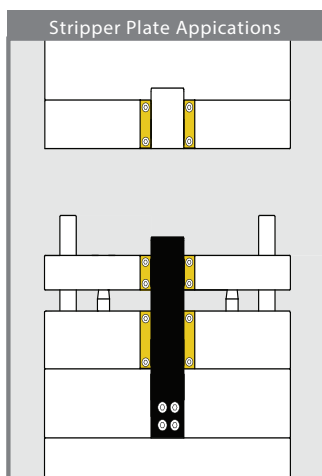
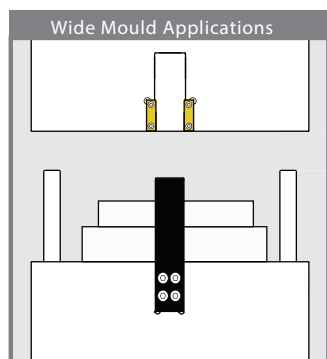
All parts, including part holder rings, are applied a thin layer of oil (fit for food industry) before all areas dry and get hardened. G152KL product can be used in group applications for each mould as 2 pieces and multi bar lock guide jaws can be used in different designs.

Order: **G152KLl1 x b**

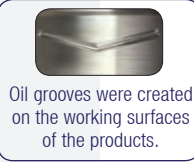
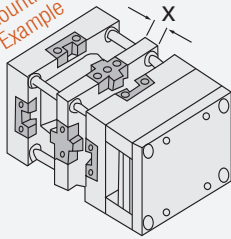
Material:1.2343
Hardness:52 - 54 HRC

Set Orders (G152):G152K=1 pcs.+ G152KL=2 pcs.

a g5	l -0.1 / -0.2	l3	l4	a1	t -0.1	l1	b g5	l2	b1	d1 Ø	d Ø	t1 mm	r1
32	70	18	9	14	22	36	20	16	10	6.6 M.6	11	6.8	6
	90												
	112												
50	90	21	12	24	30	46	25	24	11	9 M.8	15	9	8
	125												
	150												
60	112	26	15	30	32	56	32	30	16	11 M.10	18	11	10
	150												
	175												
80	112	26	15	44	35	56	35	30	16	11 M.10	18	11	12
	150												
	175												
100	175	32	18	55	50	76	40	40	17	13.5 M.12	20	13	15
	200												
	250												
120	200	35	20	75	65	86	45	50	20	13.5 M.12	20	13	15
	250												
	300												

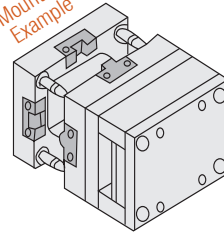


Mounting
Example



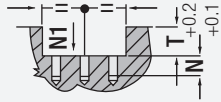
Oil grooves were created
on the working surfaces
of the products.

Mounting
Example

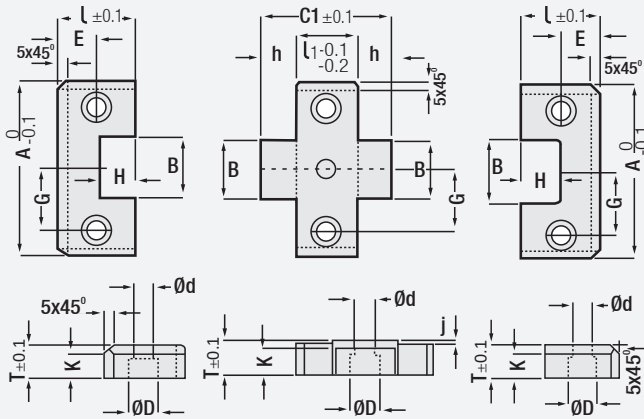
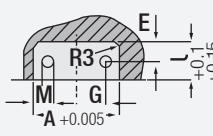
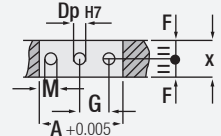
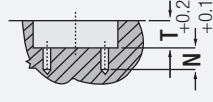


Group Locating - Centring Unit

Code: **G127**



Mounting
Mould
Application



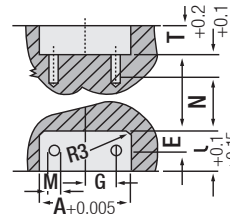
Code: **G127**

A	X	B	C1	D	d	E	F	G	h
50	26	17	43	10.5	6.5	11	13	17	8.5
	36		53				18		
75	26	25	54	16.5	10.5	18	13	25	14
	36		64				18		
100	36	35	76	16.5	10.5	22	18	35	20
	46		86				23		
125	36	45	76	16.5	10.5	22	18	42	20
	46		86				23		

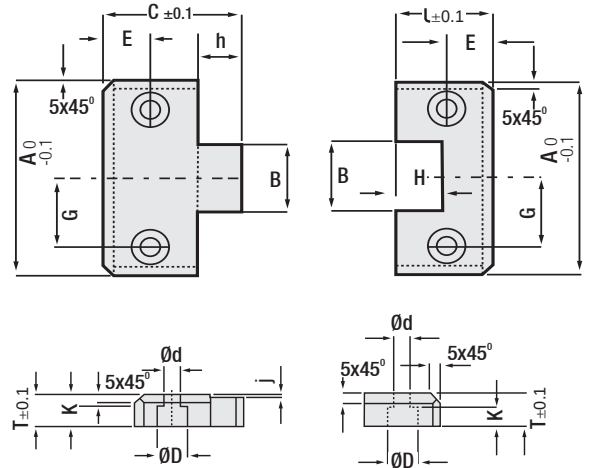
A	H	j	K	L	L1	T	M	N	Dp	N1
50	9.5	1.5	8	21.5	26	16	M6	15	6	17
					36					
75	15	1.5	12	36	26	19	M10	20	10	22
					36					
100	21	1.5	12	45	36	19	M10	20	10	22
					46					
125	21	1.5	12	45	36	25	M10	20	12	22
					46					

Square Locating - Centring Unit

Code: **G128**



Mounting
Mould
Application



Code: **G128**

A	G	E	M	L	T	N
38	11	7	M5	17	13	15
50	17	11	M6	21.5	16	15
75	25	18	M10	36	19	20
100	35	22	M10	45	19	20
125	42	22	M10	45	25	20

A	B	C	d	D	h	H	j	K
38	11	30	5.5	9.5	8	9	1.5	5.5
50	17	30	6.5	10.5	8.5	9.5	1.5	8
75	25	50	10.5	16.5	14	15	1.5	12
100	35	65	10.5	16.5	20	21	1.5	12
125	45	65	10.5	16.5	20	21	1.5	12

Fixing screws will be provided separately.



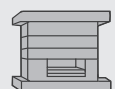
Order: **G127. A . X**

Material: 1.2343
Hardness: 52 - 54 HRC

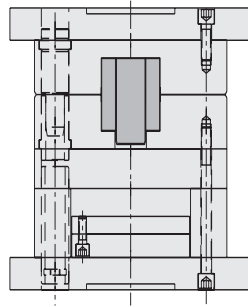
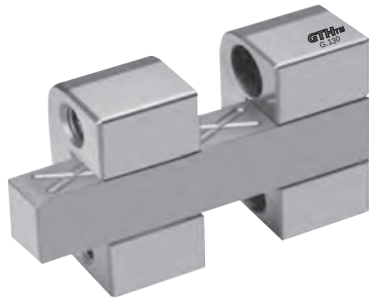


Order: **G128. A**

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Moulds

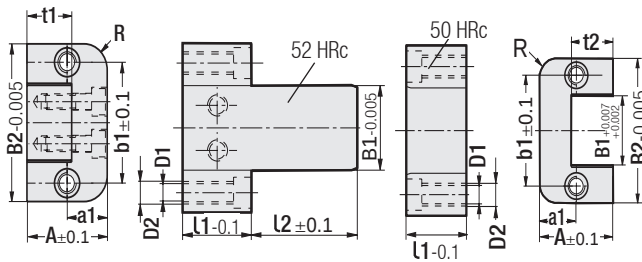


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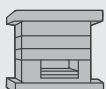
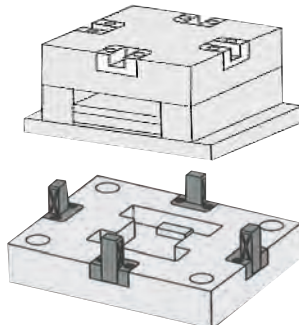
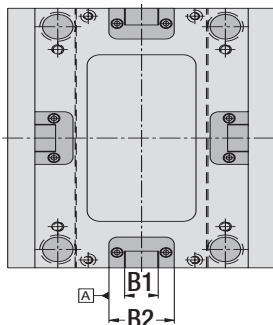
Square Locating - Centring Unit

Code: **G130**



Code: **G130**

B1	l1	l2	A	B2	D1	D2	a1	b1	t1	t2	R
16	20	20	22	45	6.8	M8	11	30	11.5	12	8
		40									
30	26	40	35	60	6.8	M8	17.5	46	19.5	20	10
		63									
48	36	32									
		50	46	100	10.3	M12	23	74	25.5	26	12.5
		63									
		80									
77	56	50									
		71	60	150	14	M16	30	114	35.5	36	16
		100									



Order: **G130. B1 x l1 x l2**

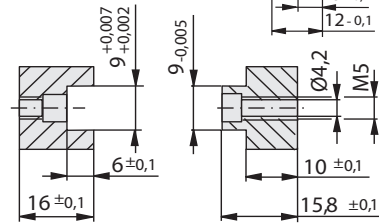
Material: 1.2510 Hardness: 52 - 54 HRC

Centring Unit - DLC Coated

Code: **G131..**

G131.1

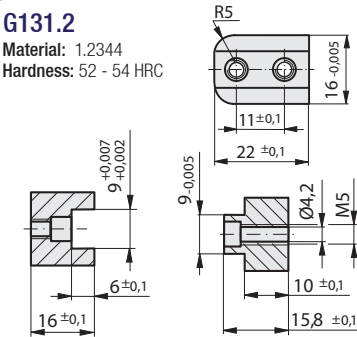
Material: 1.2344
Hardness: 52 - 54 HRC



Order:
G131.1

G131.2

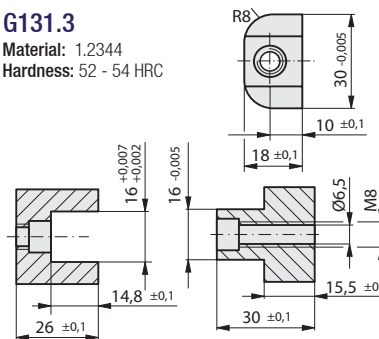
Material: 1.2344
Hardness: 52 - 54 HRC



Order:
G131.2

G131.3

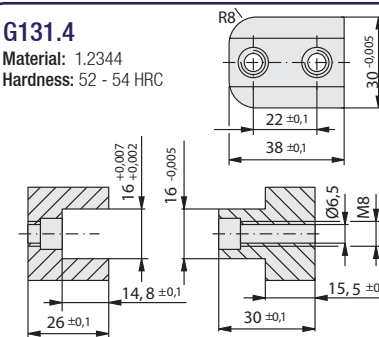
Material: 1.2344
Hardness: 52 - 54 HRC



Order:
G131.3

G131.4

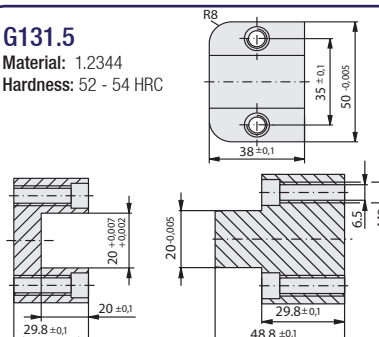
Material: 1.2344
Hardness: 52 - 54 HRC



Order:
G131.4

G131.5

Material: 1.2344
Hardness: 52 - 54 HRC



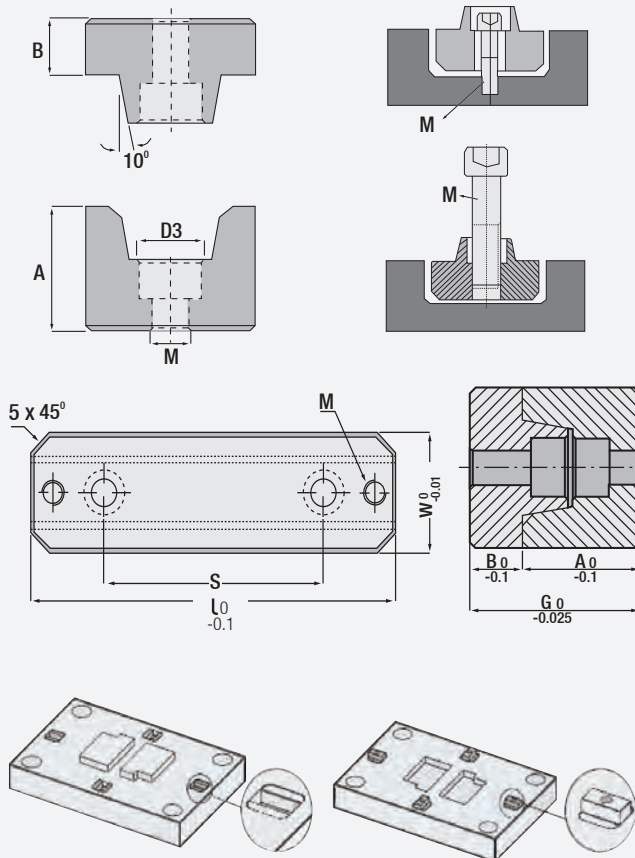
Order:
G131.5

This product is suitable for rotational multi component moulds.



Locating - Centring Unit

Code: **G132**



Code: **G132**

W	l	A	B	G	S	D3	M
25	50	17.5	8	25.5	-	9.6	M5
30	100	22	10	32	60	11	M6
40	150	25	13	38	100	14	M8



Order: **G132. W**

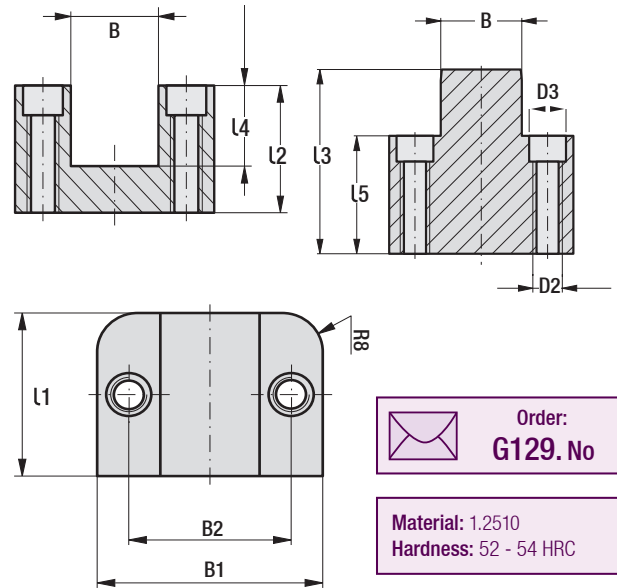
Material: 1.2343
Hardness: 52 - 54 HRC



Oil grooves were created on the working surfaces of the products.

Locating - Centring Unit

Code: **G129**



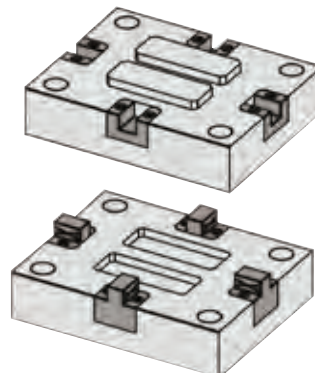
Order:
G129. No

Material: 1.2510
Hardness: 52 - 54 HRC

Code: **G129**

No.	B	B1	B2	l1	l2	l3	l4	l5	D3	D2
1	12.7	38.1	25.5	25.4	22.2	22	13.3	9.5	9	M.5
2	25.5	63.5	44.5	38.1	34.9	34.8	19.5	15.9	11	M.6
3	36.6	88.9	63.5	50.8	44.5	44.2	25.7	19	18	M.10

Mounting Example



Note: This product is not suitable for the rotational (multi component) moulds.

Pls. use "G131" products for the rotational multi component moulds. (Page 106)

Fixing screws will be provided by customer.

Injection
Moulds



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