

ANCILLARIES

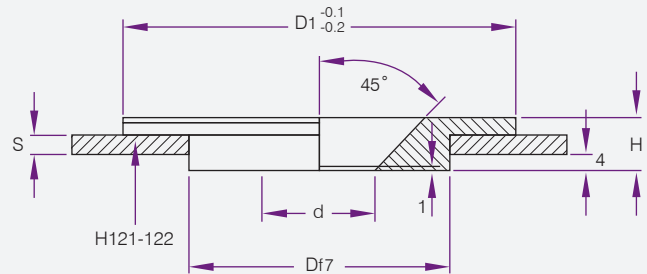


Material: 1.1191

How to Order:

1 Piece H100/60x8

Special Dimensions on request.



S	d	D	D1	H
-	36	90	60	8
3	26			11
5	26			13
6	26			14
-	36	90	80	12
3	26			15
5	26			17
-	36	90	90	12
3				15
5				17
6				18
7				19
8,5				21
-	36	90	100	12
3				15
5				17
6				18
7				19
8,5				21
-	36	90	110	12
3				15
5				17
6				18
7				19
8				20
8,5				21
-	36	90	120	12
3				15
5				17
6				18
7				19
8				20
8,5				21

S	d	D	D1	H
-	36	90	125	12
3				15
5				17
6				18
7				19
8				20
8,5				21
-	36	90	130	12
-	36	90	140	12
-	36	90	150	12
-	36	90	160	12
3				15
5				17
6				18
7				19
8				20
8,5				21
-	36	90	175	12
3				15
5				17
6				18
7				19
8				20
8,5				21
-	36	90	180	12
-	36	90	200	12
-	36	90	250	12

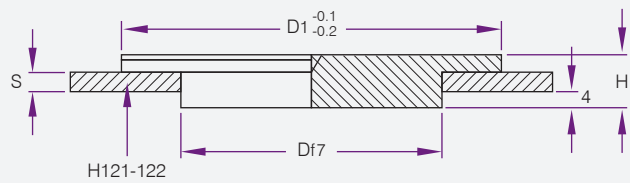


Material: 1.1191

How to Order:

1 Piece H500/60x8

Special Dimensions on request.



S	D	D1	H
-	90	60	8
3			11
5			13
6			14
-	90	80	12
3			15
5			17
-	90	100	12
3			15
5			17
6			18
7			19
8,5			21
-	90	110	12
3			15
5			17
6			18
7			19
8			20
8,5			21
-	90	120	12
3			15
5			17
6			18
7			19
8			20
8,5			21

S	D	D1	H
-	90	125	12
3			15
5			17
6			18
7			19
8			20
8,5			21
-	90	140	12
-	90	150	12
-	90	160	12
3			15
5			17
6			18
7			19
8			20
8,5			21
-	90	175	12
3			15
5			17
6			18
7			19
8			20
8,5			21
-	90	200	12
-	90	250	12

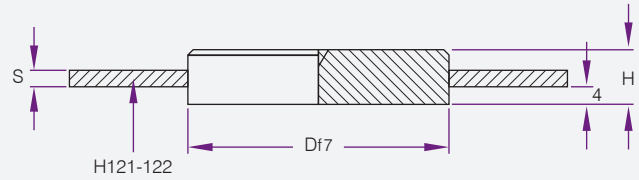


Material: 1.1191

How to Order:

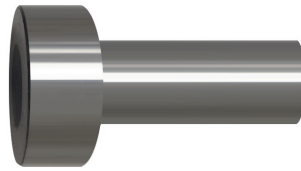
1 Piece H505/40x6

Special Dimensions on request.



S	D	H
-	40	6
3		9
-	60	8
3		11
5		13
-	80	8
3		15
5		17
-	90	12
3		15
5		17
6		18
7		19
8,5		21
-	100	12
6		18
8,5		21
-	110	12
6		18
8,5		21
-	120	12
8,5		21

S	D	H
-	125	8
-		12
6		18
8		20
8,5		21
-	130	12
-	140	12
-	150	12
8,5		21
-	160	8
-		12
6		20
8		22
8,5		23
-	175	12
8,5		21
-	200	12
5		20
8		22
8,5		23
-	250	12
8		22
8,5		23

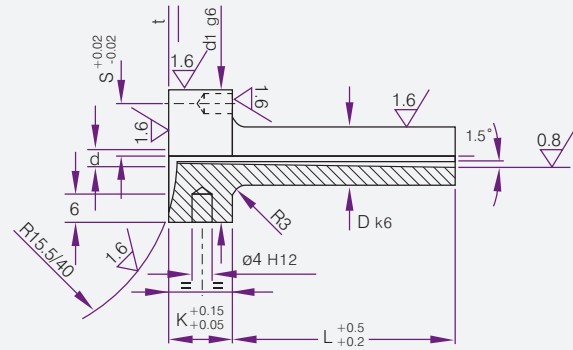


Material: 1.2826
ca. 580 HV

How to Order:

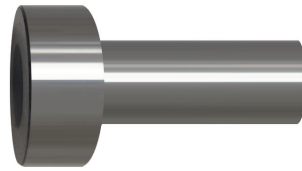
- 1 Piece H51/18x27/3,5/0
- or
- 1 Piece H51/18x27/3,5/15,5

Special Dimensions on request.



s	K	d1	D	L	d	R
15	18	38	18	27	3,5	0
				36		
				46		
				56		
				27	4,5	0
				36		
				46		
				56		
				76		
20	23	48	24	46	4,5	0
				56		
				76		
				56	6,5	0
				76		

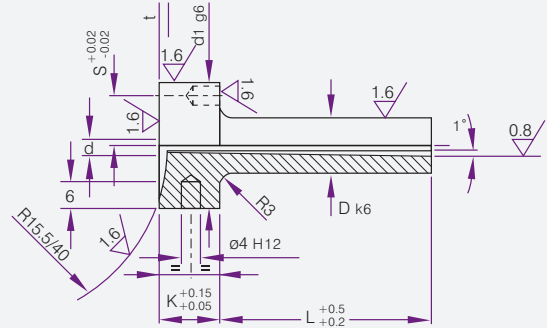
t	s	K	d1	D	L	d	R
3	15	18	38	18	27	3,5	15,5/40
					36		
					46		
					56		
3	15	18	38	18	27	4,5	15,5/40
					36		
					46		
					56		
					76		
3	20	23	48	24	46	4,5	15,5/40
					56		
					76		
3	20	23	48	24	56	6,5	15,5/40
					76		



Material: 1.2826
ca. 580 HV

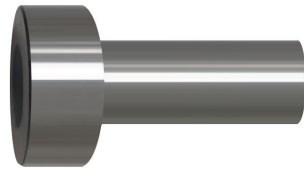
How to Order:
1 Piece H511/12x22/2,5/0
or
1 Piece H511/12x22/2,5/15,5

Special Dimensions on request.



s	K	d1	D	L	d	R
11	13	28	12	22	2,5	0
				27		
				36		
				46		
				56		
11	13	28	12	22	3	0
				27		
				36		
				46		
				56		
				66		
11	13	28	12	22	3,5	0
				27		
				36		
				46		
				56		
15	18	38	18	27	3	0
				36		
				46		
				56		
				66		
				76		
				86		
				96		
				116		
15	18	38	18	27	4	0
				36		
				46		
				56		
				66		
				76		
				86		
				96		
				116		
20	23	48	24	46	5	0
				56		
				66		
				76		
				86		
				96		
				116		
				136		

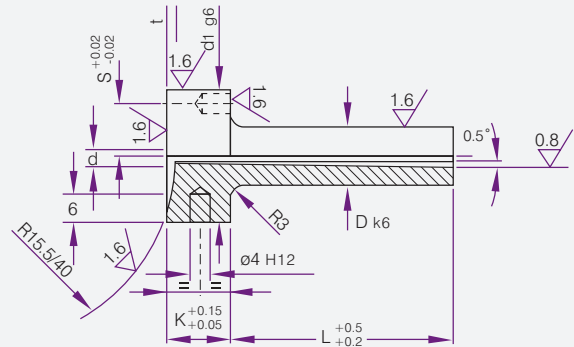
t	s	K	d1	D	L	d	R
1,5	11	13	28	12	22	2,5	15,5/40
					27		
					36		
					46		
					56		
1,5	11	13	28	12	22	3	15,5/40
					27		
					36		
					46		
					56		
					66		
1,5	11	13	28	12	22	3,5	15,5/40
					27		
					36		
					46		
					56		
3	15	18	38	18	27	3	15,5/40
					36		
					46		
					56		
					66		
					76		
					86		
					96		
					116		
3	15	18	38	18	27	4	15,5/40
					36		
					46		
					56		
					66		
					76		
					86		
					96		
					116		
3	20	23	48	24	46	5	15,5/40
					56		
					66		
					76		
					86		
					96		
					116		
					136		



Material: 1.2826
ca. 580 HV

How to Order:
1 Piece H512/12x27/2,5/0
or
1 Piece H512/12x27/2,5/15,5

Special Dimensions on request.



s	K	d1	D	L	d	R
11	13	28	12	27	2,5	0
				36		
				46		
				56		
11	13	28	12	27	3,5	0
				36		
				46		
				56		
				66		
				76		
15	18	38	18	46	3	0
				56		
				66		
				76		
				86		
				96		
				116		
15	18	38	18	46	4	0
				56		
				66		
				76		
				86		
				96		
				116		

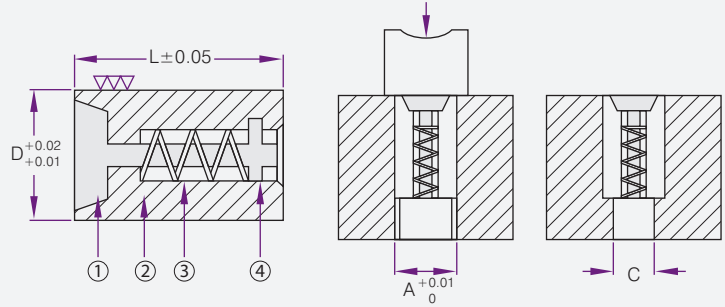
t	s	K	d1	D	L	d	R
1,5	11	13	28	12	27	2,5	15,5/40
					36		
					46		
					56		
1,5	11	13	28	12	27	3,5	15,5/40
					36		
					46		
					56		
					66		
					76		
3	15	18	38	18	46	3	15,5/40
					56		
					66		
					76		
					86		
					96		
					116		
3	15	18	38	18	46	4	15,5/40
					56		
					66		
					76		
					86		
					96		
					116		



- Stainless steel construction
- Easy to take apart and clean
- Large "poppet" diameter

- ① Poppet
- ② Body
- ③ Spring
- ④ Split Dowel

How to order:
GAJV - D - Qty

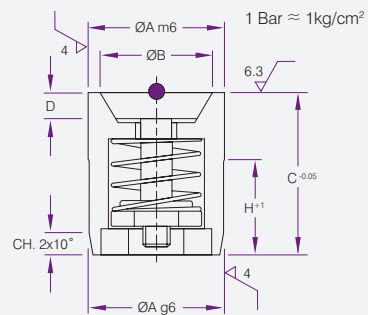


Type	D ^{+0.02} / _{+0.01}	L ±0.05	A ^{+0.01} / ₀	C
GAJV	8	15	8	4.5
GAJV	10	20	10	6
GAJV	12	25	12	8
GAJV	16	30	16	10
GAJV	20	30	20	12
GAJV	25	30	25	15
GAJV	30	30	30	20

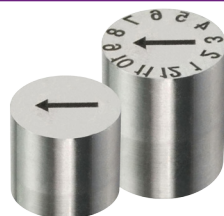


Material: INOX. 1.4034
Hardened: 51 ± 3 HRC.
Working pressure: 1.5-6 BARS.

Helps part ejection with air.



Product Code	A	B	C	D	E	H
VA050412	5	3	12	1.5	4	7
VA065212	6	5.2	12	1.5	4	7
VA086512	8	6.5	12	1.5	4	7
VA100812	10	8	12	2	8	7
VA121012	12	10	12	2.5	10	7
VA161320	16	13	20	3	12	12
VA201720	20	17	20	3.5	16	12

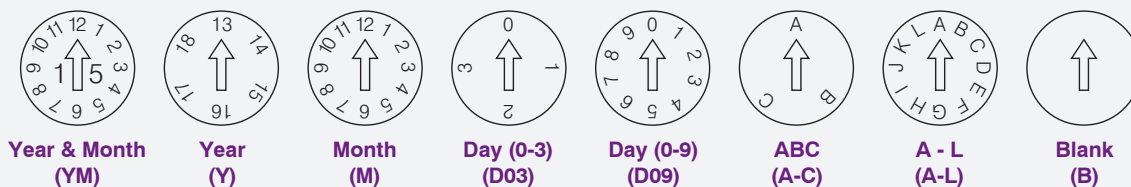
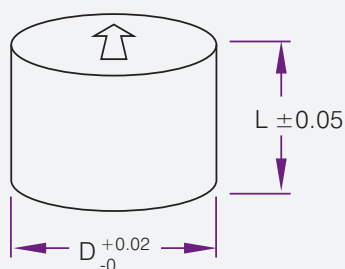


Important Note: The centres on this product are not changeable (for changeable year/centre inserts, use the "GDH" version on page 60 of our catalogue)

How to Order:

GDA 8 x 10 - YM - 2015

(D) (L)



D	4	5	6	8	10	12	16	20	30
L	6	8	8	10	10	12	14	14	25

Type	D	Engraving Characters
GDA	4	
GDA	5	Year & Month Year Month
GDA	6	
GDA	8	
GDA	10	Day (0-3) Day (0-9) Day (1-31)
GDA	12	
GDA	16	
GDA	20	ABC A-L Blank
GDA	30	

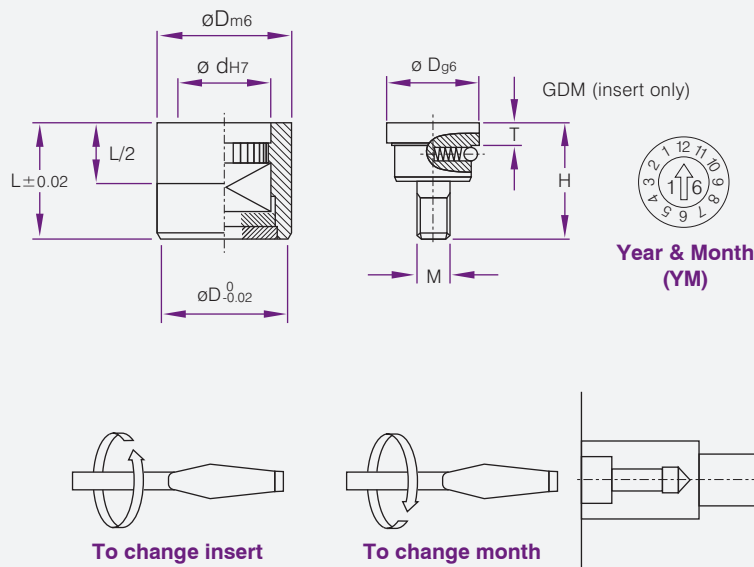


How to Order Complete Date Code:

GDH 8 x 10 - YM - 2015
(D) (L)

How to Order Replaceable Inner:

GDM 5.0 x 9.7 - 2015
(D) (H)



Date Stamp: This is a permanent date stamp in pure stainless which the central year insert is changeable. The month stamp is changed by using a screwdriver.

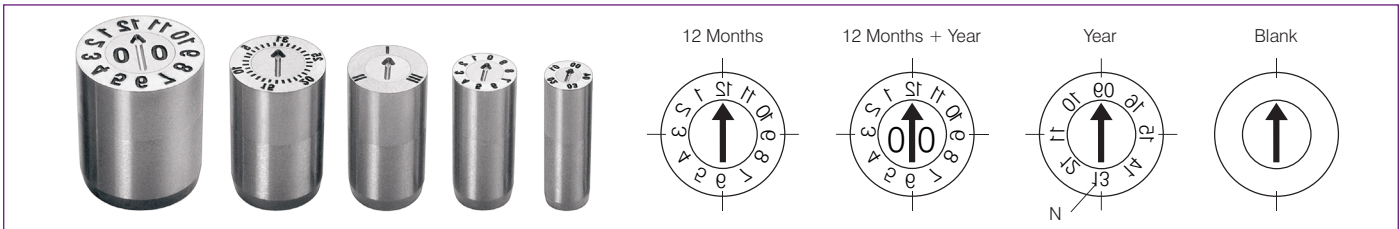
When ordering “Annual” model, please indicate the year required for the insert.

When ordering the “Years” model, please indicate the start / base year.

Special engravings available by request.

Date Insert: The insert is adjustable / removeable, no need to remove the tool from the machine or disassemble the mould to effect the production.

Product Code		$\varnothing dh7$	$\varnothing Dg6$	L	T	H	M
Type No.	$\varnothing Dm6$						
GDH	4	2.4	2.4	8	1.5	7.7	M1.6x0.2
GDH	5	+0.012 +0.004	2.9	8	1.5	7.7	M1.6x0.2
GDH	6	3.7	3.7	8	1.5	7.7	M1.6x0.2
GDH	8	+0.010 0	5.0	10	2.0	9.7	M2.3x0.25
GDH	10	+0.018 +0.006	6.3	12	2.5	11.7	M2.5x0.35
GDH	12	+0.010 0	7.5	14	2.5	13.7	M3.0x0.35
GDH	16	+0.018 +0.007	11.0	14	2.5	13.7	M4x0.35
GDH	20	+0.021 +0.008	13.2	16	3.5	15.8	M4x0.35



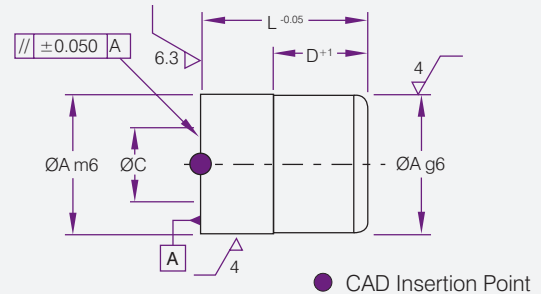
Materials: INOX. 1.4034

Hardness: 51 ± 3 HRC.

Max. working temp 150°C Patented System

Inner insert is always at the same level as the body of the date stamp. Wide range of diameters. Only a H7 pocket required for assembly. No downtime when changing inserts. Internal mechanism guarantees secure replacement of inserts.

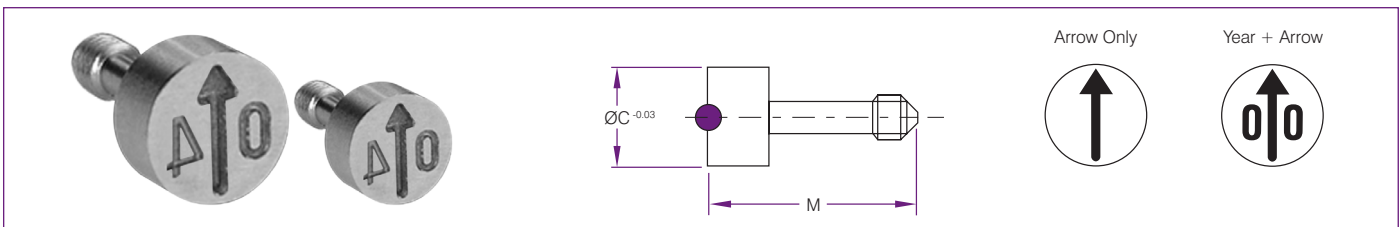
See below for Replacement Inner.



12 Months	12 Month + Year	Year	Blank	A	C	D	E	L	N
FA0422SF	FA042212-...	FA042204-...	FA042200	4	2.2	6	3.5	12	4
FA0530SF	FA053012-...	FA053004-...	FA053000	5	3	6	3.5	12	4
FA0632SF	FA063212-...	FA063205-...	FA063200	6	3.2	12	4	20	5
FA0847SF	FA084712-...	FA084705-...	FA084700	8	4.7	12	6	20	5
FA1057SF	FA105712-...	FA105706-...	FA105700	10	5.7	12	8	20	6
FA1267SF	FA126712-...	FA126708-...	FA126700	12	6.7	12	10	20	8
FA1687SF	FA168712-...	FA168710-...	FA168700	16	8.7	12	12	20	10
FA2007SF	FA200712-...	FA200710-...	FA200700	20	10.7	12	14	20	10

Date Inserts IA

ANCILLARIES

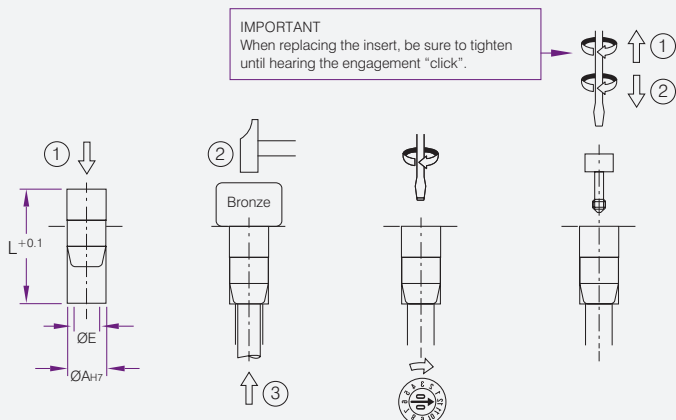


Replacement Inner for FA Date Code Only

Material: INOX. 1.4034

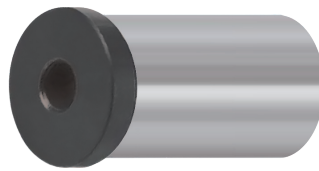
Hardness: 51 ± 3 HRC.

IMPORTANT
When replacing the insert, be sure to tighten until hearing the engagement "click".



Year and Arrow		
Product Code	C	M
IA2275 . .	2.2	7.5
IA3075 . .	3	7.5
IA3217 . .	3.2	17
IA4717 . .	4.7	17
IA5717 . .	5.7	17
IA6717 . .	6.7	17
IA8717 . .	8.7	17
IA1007 . .	10.7	17

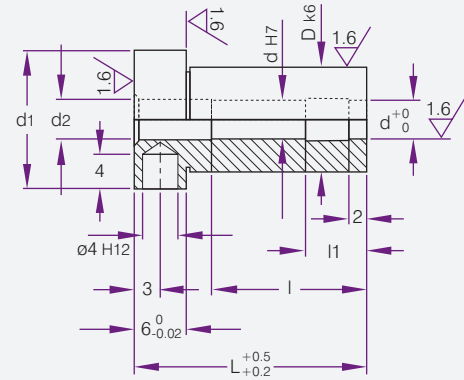
Arrow Only		
Product Code	C	M
IA2275SF	2.2	7.5
IA3075SF	3	7.5
IA3217SF	3.2	17
IA4717SF	4.7	17
IA5717SF	5.7	17
IA6717SF	6.7	17
IA8717SF	8.7	17
IA1007SF	10.7	17



Material: 1.2826
ca. 580 HV

How to Order:
1 Piece H53/12x22

Special Dimensions on request.



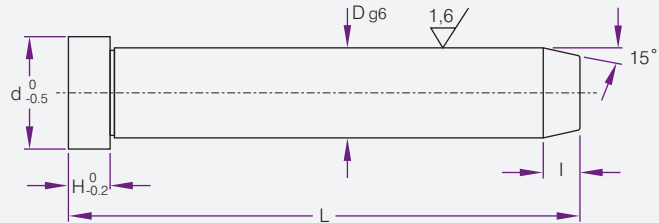
l_1	l	d_2	d_1	d	D	L
7	18	4,5	16	4	12	22
						27
						36
						46
						56
7	22	6,5	22	6	18	22
						27
						36
						46
						56
9,5	28	8,5	28	8	24	36
						46
						56
						66
						76
						86
						96



Material: 1.7139
ca. 700 HV

How to Order:
1 Piece H01/8 x 40
(D) (L)

Special Dimensions on request.



d	l	H	D	L
10	4	3	8	40
				50
				60
				80
				100
12	4	3	9	40
				60
				80
				100
				120
12	4	3	10	40
				60
				80
				100
				120
				140
				160
16	5	6	12	40
				60
				80
				100
				120
				140
				160
				180
				200
18	5	8	14	60
				80
				100
				120
				140
				160
				180
				200
				220
				240

d	l	H	D	L
18	5	8	15	60
				100
				120
				140
				160
				180
				200
				220
				240
20	5	8	16	40
				60
				80
				100
				120
				140
				160
				180
				200
				220
				240
				300
22	7	8	18	60
				80
				100
				120
				140
				160
				180
				200
				220
				240
				260
				280
				300
				320

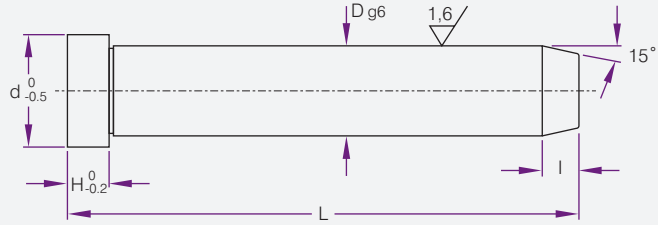
d	l	H	D	L
24	7	8	20	60
				80
				100
				120
				140
				160
				180
				200
				220
				240
				260
				280
				300
				320
26	7	15	22	80
				100
				120
				140
				160
				180
				200
				220
				240
				260
				280
				300
				320
				340
				360



Material: 1.7139
ca. 700 HV

How to Order:
1 Piece H01/24 x 80
(D) (L)

Special Dimensions on request.



d	I	H	D	L
28	7	15	24	80
				100
				120
				140
				160
				180
				200
				220
				240
				260
				280
				300
				320
				340
				360
36	7	15	30	100
				120
				140
				160
				180
				200
				240
				300
				360
				400

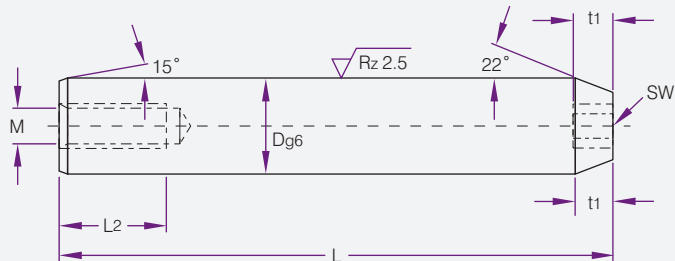
d	I	H	D	L
36	7	15	32	100
				120
				140
				160
				180
				200
				240
				300
				360
				400
48	10	15	40	160
				200
				240
				300
				360
				400
				420
				500
58	15	15	50	160
				200
				240
				300
				360
				400
			60	280
				300
				340
				360
				400
				500



Material: 1.7139
ca. 700 HV

How to Order:
1 Piece H010/8 x 40
(D) (L)

Special Dimensions on request.



M	L2	L1	SW	t1	D	L
5	10	2,3	4	4	8	40
						60
						80
						100
6	10	4	4	4	10	40
						60
						80
						100
						120
6	10	5	5	5	12	60
						80
						100
						120
						140
						160
6	10	5	5	5	14	50
						60
						70
						75
						80
						90
						100
						120
						140
						160
8	17	5	5	5	15	50
						60
						70
						80
						90

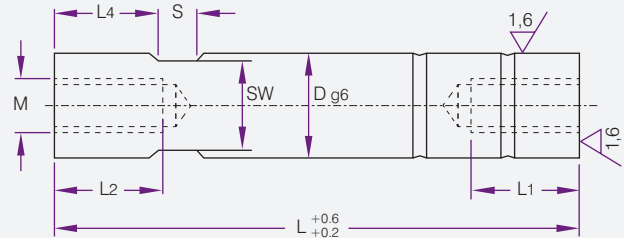
M	L2	L1	SW	t1	D	L
8	17	5	6	6	16	60
						80
						90
						100
						120
						130
						140
						160
						180
						200
8	17	7	6	6	18	60
						70
						80
						90
						100
						120
						140
						125
						140
						150
						160
						170
						180
						200
						220
10	17	7	6	6	18	60
						70
						80
						90
						100
						125
						140
						150
						170



Material: 1.7139
ca. 700 HV

How to Order:
1 Piece H02/10 x 60
(D) (L)

Special Dimensions on request.

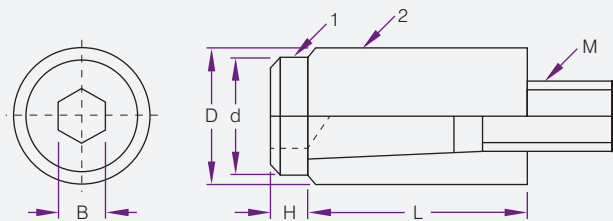


L ₁	L ₂	L ₄	M	S	SW	D	L
9	16	8	6	12	9	10	60
							70
							80
							100
							120
							140
11	20	8	8	14	12	14	60
							70
							80
							100
							120
							140
							160
							180
							200
12	30	10	10	16	14	18	70
							80
							100
							120
							140
							160
							180
							200
							220
							240

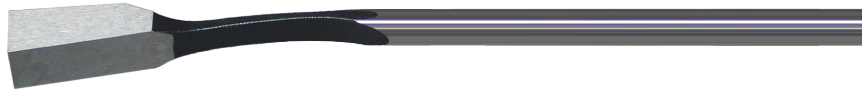
L ₁	L ₂	L ₄	M	S	SW	D	L
14	35	10	12	16	17	20	80
							100
							120
							140
							160
							180
							200
							220
							240
14	35	12	12	22	19	24	70
							80
							100
							120
							140
							160
							180
							200
							220
							240
							260
							280
16	40	14	16	28	24	30	180
							220
							260
							300
							340
						40	260
							300
							340
							380



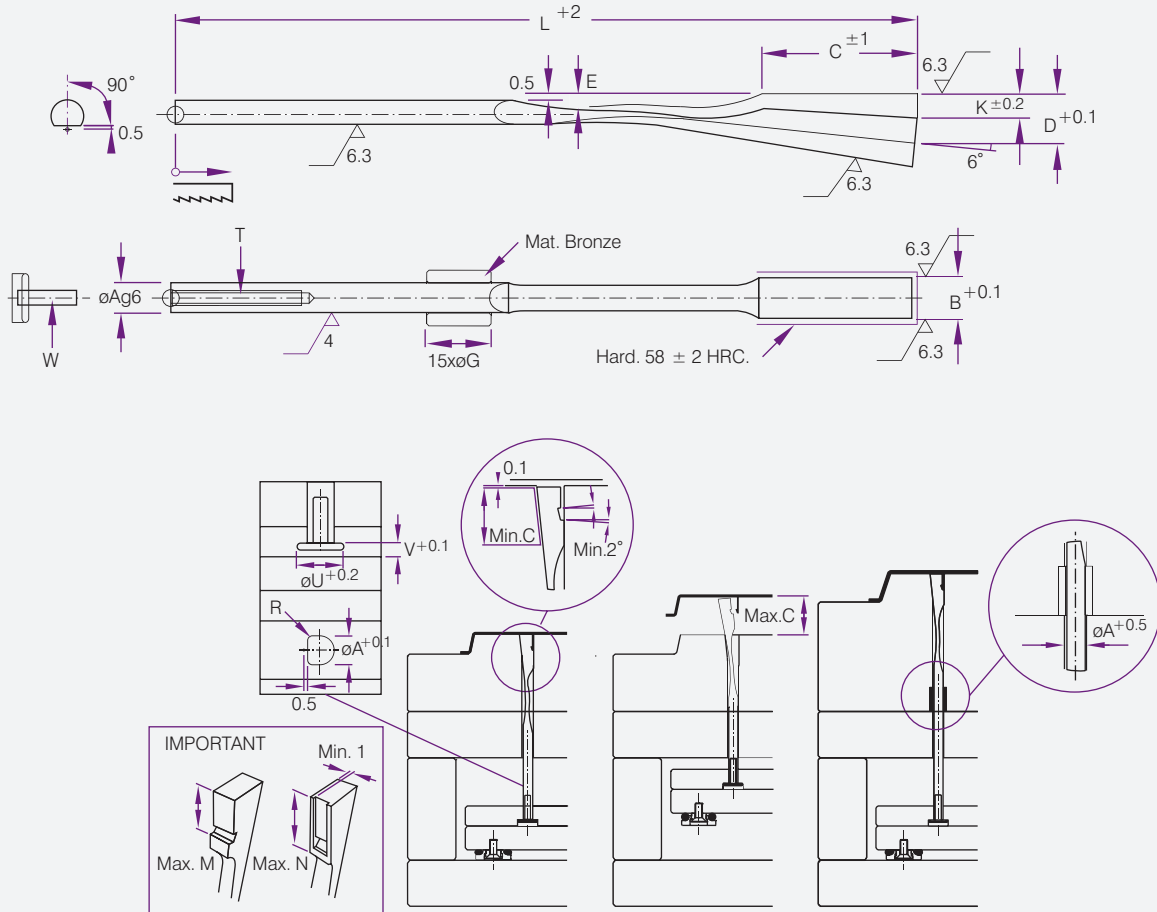
1. Use sloping screw to adjust mould plate and parting locks, then turn 90 degrees.
2. Easy to assemble and disassemble, and cost efficient.
3. Can also be installed into small, medium size, and 2-sectional injecting metal pipes, or can be installed on sliding bases.
4. Mould weight < 100kg, using 4 pcs of 12 Ø
Mould weight < 500kg, using 4 pcs of 16 Ø
Mould weight < 1,000kg, using 4 pcs of 20 Ø
Mould weight > 1,000kg using at least 6 pcs.
5. Insert parting locks into die mould about 3cm, then using H7 reamer to process mould hole within +0.1mm range.
6. Do not add any oil on parting locks, doing so will reduce the friction.



Product Code	D	d	H	L	M	B
GPLA10	10	8.5	3	18	M5	4
GPLA12	12	11	3.5	20	M6	5
GPLA13	13	11	3.5	20	M6	5
GPLA16	16	14	4	25	M8	6
GPLA20	20	16	5	30	M10	8



Mat.: 1.8159
 Hardened $45 \pm 3\text{HRC}$
 Patented System



Minimum space required for installation, only needs the space of an ejector. No milling, grinding or hardening other than the machining of detail needed. All machining is made 90° to the parting line. No need for complex mechanical systems.

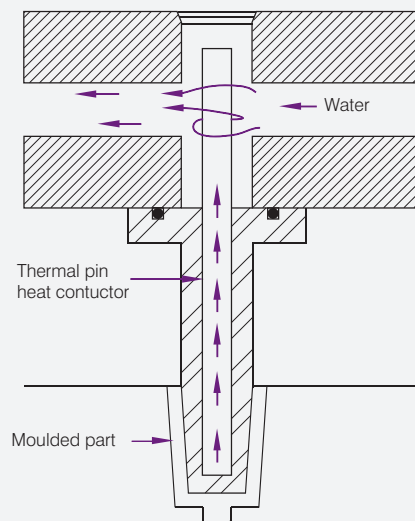
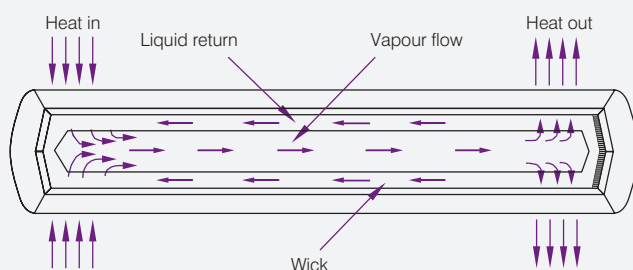
Product Code	A	B	C	D	E	G	K	L	M	N	R	T	U	V	W	CS
PW.060622	6	6.2	22	9	3.5		3.5	125	16	18	1.25	M4x36	12	5	M4x16 (DIN7991)	
PW.060630	6	6.2	30	10	3.5	12	4.5	175	20	26	1.25	M4x36	12	5	M4x16 (DIN7991)	•
PW.060822	6	8.2	22	9	3.5		3.5	125	16	18	1.25	M4x36	12	5	M4x16 (DIN7991)	
PW.060830	6	8.2	30	10	3.5	12	4.5	175	20	26	1.25	M4x36	12	5	M4x16 (DIN7991)	•
PW.080825	8	8.2	25	11.5	4.5		4.5	140	18	21	2	M5x36	14	6	M5x16 (DIN7984)	
PW.081025	8	10.2	25	11.5	4.5		4.5	140	18	21	2	M5x36	14	6	M5x16 (DIN7984)	
PW.081030	8	10.2	30	11.2	4.5	12	4.5	175	20	26	2	M5x36	14	6	M5x16 (DIN7984)	•
PW.081225	8	12.2	25	11.5	4.5		4.5	140	18	21	2	M5x36	14	6	M5x16 (DIN7984)	
PW.081230	8	12.2	30	11.2	4.5	12	4.5	175	20	26	2	M5x36	14	6	M5x16 (DIN7984)	•
PW.101430	10	14.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6x36	18	8	M6x16 (DIN7984)	•
PW.101630	10	16.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6x36	18	8	M6x16 (DIN7984)	•
PW.101830	10	18.2	30	13.6	5.5	16	5.5	175	20	26	2.5	M6x36	18	8	M6x16 (DIN7984)	•



Heat Transfer Rods are designed to heat or cool cores, slides and inserts.

Heat Transfer Rods conduct temperature over 10,000 times faster than copper.

Heat Transfer Rods operate best when 50% of the overall length is cooled using a water flow. +0.1 to +0.2mm should be up on the rod diameter for the correct fitment. Fitment hole should be drilled.

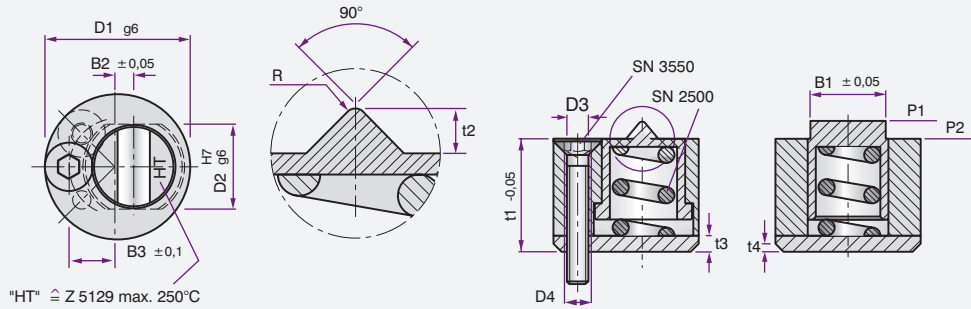


Length in mm	Diameters and Catalogue Numbers					
	2mm	3mm	4mm	5mm	6mm	8mm
50	HTR2x50	HTR3x50	HTR4x50	HTR5x50	HTR6x50	HTR8x50
55	HTR2x55	HTR3x55	HTR4x55	HTR5x55	HTR6x55	
60	HTR2x60	HTR3x60	HTR4x60	HTR5x60	HTR6x60	HTR8x60
65	HTR2x65	HTR3x65	HTR4x65	HTR5x65	HTR6x65	
70	HTR2x70	HTR3x70	HTR4x70	HTR5x70	HTR6x70	HTR8x70
75	HTR2x75	HTR3x75	HTR4x75	HTR5x75	HTR6x75	HTR8x75
80	HTR2x80	HTR3x80	HTR4x80	HTR5x80	HTR6x80	
85	HTR2x85	HTR3x85	HTR4x85	HTR5x85	HTR6x85	HTR8x85
90	HTR2x90	HTR3x90	HTR4x90	HTR5x90	HTR6x90	
95	HTR2x95	HTR3x95	HTR4x95	HTR5x95	HTR6x95	HTR8x95
100	HTR2x100	HTR3x100	HTR4x100	HTR5x100	HTR6x100	
105	HTR2x105	HTR3x105	HTR4x105	HTR5x105	HTR6x105	HTR8x105
110	HTR2x110	HTR3x110	HTR4x110	HTR5x110	HTR6x110	
115	HTR2x115	HTR3x115	HTR4x115	HTR5x115	HTR6x115	HTR8x115
120	HTR2x120	HTR3x120	HTR4x120	HTR5x120	HTR6x120	
125	HTR2x125	HTR3x125	HTR4x125	HTR5x125	HTR6x125	HTR8x125
135	HTR2x135	HTR3x135	HTR4x135	HTR5x135	HTR6x135	
145	HTR2x145	HTR3x145	HTR4x145	HTR5x145	HTR6x145	HTR8x145
155	HTR2x155	HTR3x155	HTR4x155	HTR5x155	HTR6x155	
165		HTR3x165	HTR4x165	HTR5x165	HTR6x165	HTR8x165
185		HTR3x185	HTR4x185	HTR5x185	HTR6x185	HTR8x185
205		HTR3x205	HTR4x205	HTR5x205	HTR6x205	HTR8x205



Material: 1.2767/~52HRC
Max: 100 °C

How to Order:
Z5130 - 13
(D1)

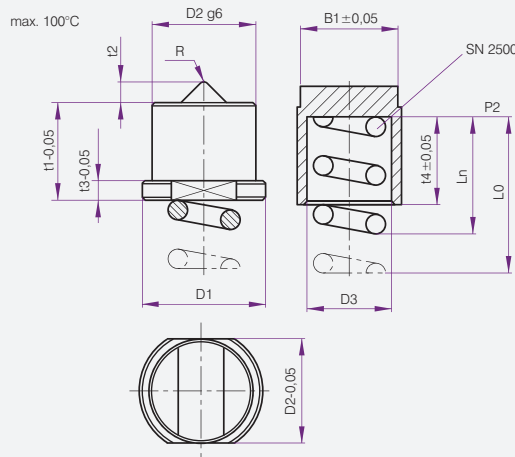


D1	B1	B2	B3	t1	t2	t3	t4	D2	D3	D4	R	P1	P2	P1(HT)	P2(HT)	SN 2500-	SN 3550-
13	6,6	1,4	4,3	10	1,0	1,6	0,35	7	2,2	M3	0,35	28 N	34 N	21 N	28 N	5--12	M2--16
18	9,6	2,0	6,0	14	1,8	2,0	0,50	10	3,2	M4	0,5	38 N	42 N	26 N	35 N	8--16,5	M3--20
27	14,4	3,0	9,0	21	2,8	3,0	0,50	15	4,3	M5	0,75	38 N	92 N	33 N	82 N	11,6--18,5	M4--25



Material: 1.2767/~52HRC
Max: 100 °C

How to Order:
Z5134 - 7
(D2)



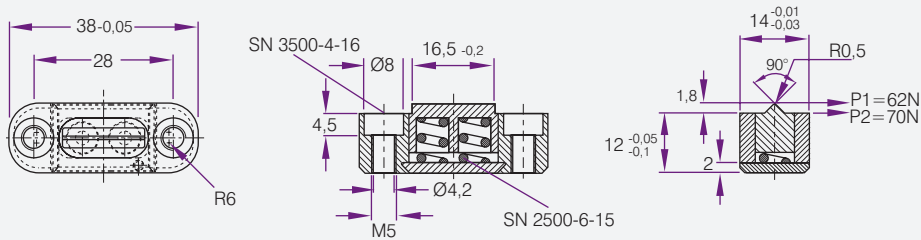
D2	B1	t1	t2	t3	t4	D1	D3	R	L0	Ln	P2	P2 (HT)	SN2500-
7	6,6	7	1,0	1,4	6,3	8,4	5,3	0,35	12	7,5	34 N	28 N	5-12
10	9,6	10	1,8	2,0	9,0	12,0	8,3	0,50	16	10,0	42 N	35 N	8-16,5
15	14,4	15	2,8	3,0	13,5	18,0	12,4	0,75	18	16,0	92 N	82 N	11,6-18,5



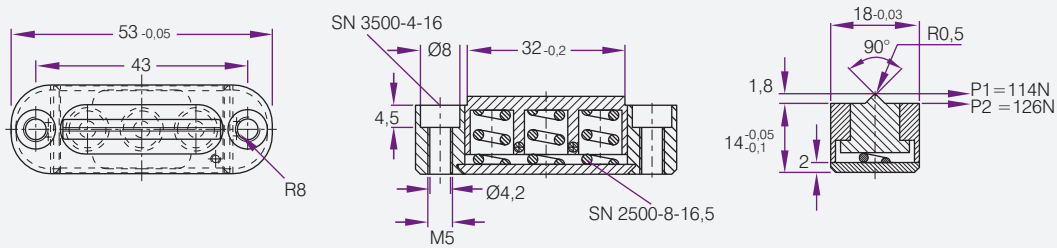
Material: 1.2343/54 -2HRC
 Max: 100 °C

How to Order:
 Z5140 - 0
 (Type)

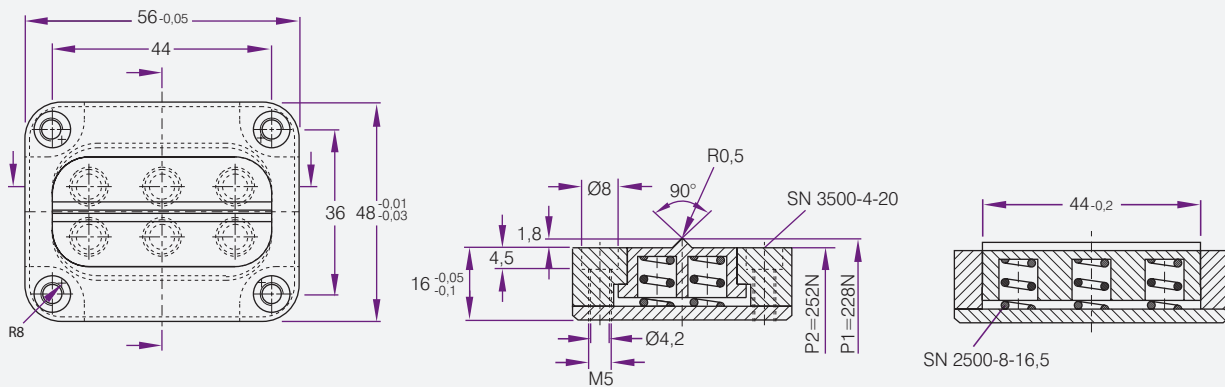
Type 0

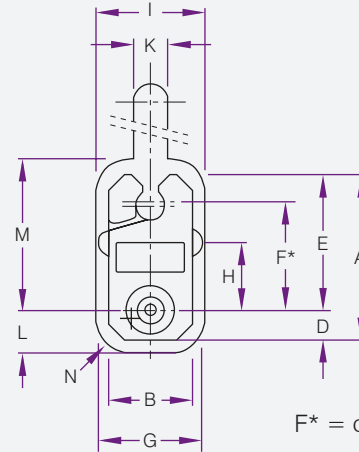
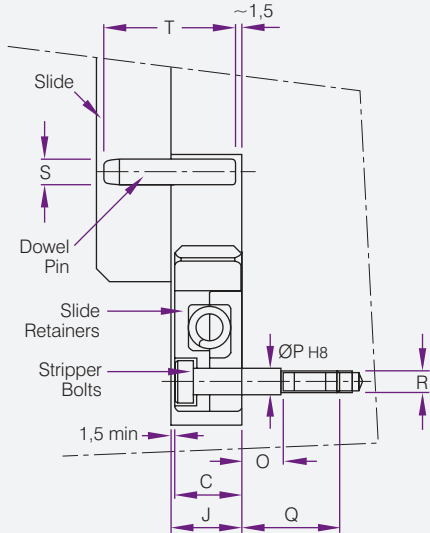
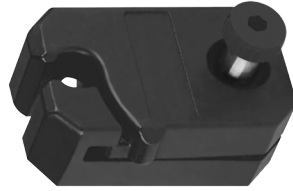


Type 1



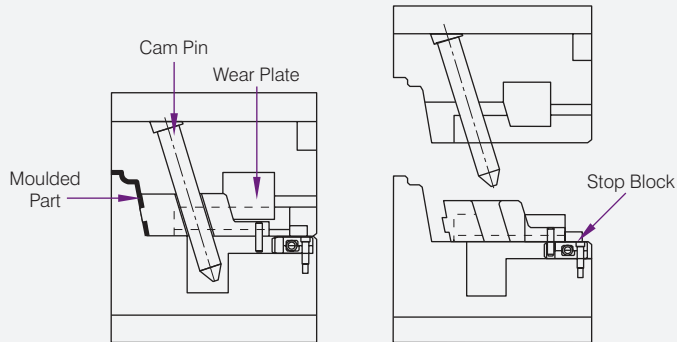
Type 2





F* = critical quote to respect

The slide retainers are mechanical components that allow the stop and the perfect positioning of mechanical trolley used to free the undercut.



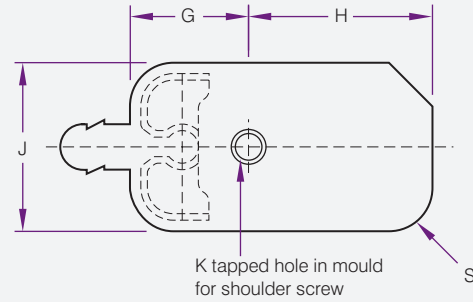
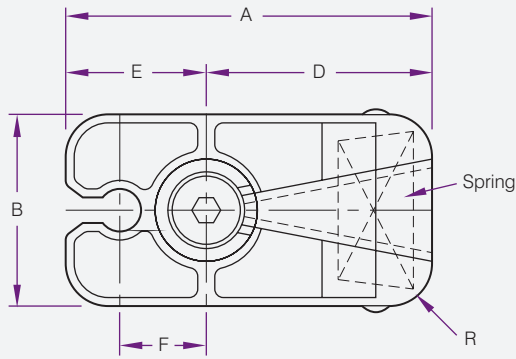
a* = max. slide weight

b* = stripper bolt

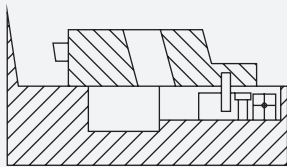
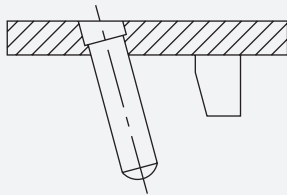
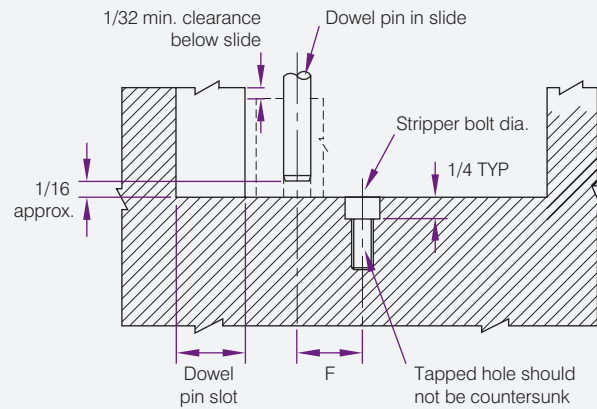
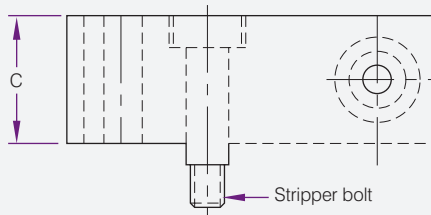
c* = max. opening force in Nm

Product Code	Cam Slide									a*	b*	
	A	B	C	D	E	F	G	H	I	Newton	Ref.	c*
OESR0001	38	19	16	7	31,5	24,89	24,0	15,5	25,5	150	SB5x20	10
OESR0002	54	32	20	11	43,0	34,93	36,5	22,5	38,0	250	SB6x25	15
OESR0003	86	45	30	19	67,0	53,98	49,5	40,0	51,0	500	SB8x40	20

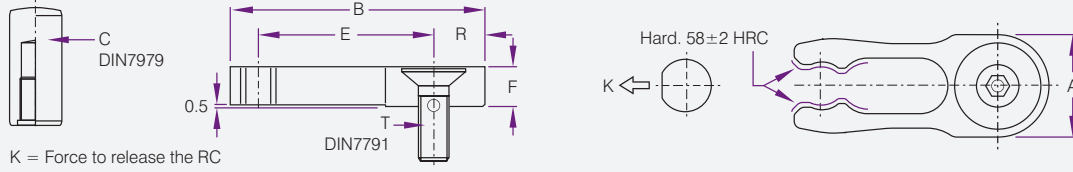
Product Code	Retainer seat in mould									Dowel Pin	
	J min	K	L	M	N	O	P	Q	R	S	T
OESR0001	17,5	8	10,0	34,5	8	8,5	6	20	M5	6	32
OESR0002	21,5	10	14,5	46,0	10	10,5	8	25	M6	8	40
OESR0003	31,5	12	22,5	70,0	12	17,0	10	35	M8	10	60



Typical Slide Retainer Application



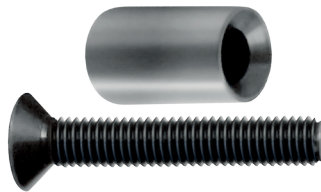
Dimensions							R	Stop	Stop	Max Slide					
Product Code	A	B	C	D	E	F	Rad	Pin	Pin L	Weight	G	H	J	K	S
MRT - 10M	38	19	16	22	16	9.15	5	6	30	10kg	19	26	25	5x8 .8x10	8
MRT - 20M	54	32	20	33	21	12.70	6	8	40	20kg	24	36	38	6x1 .0x12	10
MRT - 40M	86	45	30	53	33	20.30	10	10	60	40kg	36	56	51	8x1 .25x14	13



Mat.: 1.8159
 Hardened 45 ± 3HRC
 Patented System

Less machining for installation compared to similar products on the market. Minimum space required for installation. Reduces costs in tool downtime.
 Offers a standard solution to the moulder.

Product Code	A	B	C	E	F	G	H	K	R	T
RC123006	12	30	6x20	21	5	4	16	5 Kg	6	M5x16
RC164008	16	40	8x20	28	6	5	15	7 Kg	8	M6x25
RC205010	20	50	10x24	34	8	6	17	14 Kg	10	M8x30
RC246012	24	60	12x32	42	10	7	23	21 Kg	12	M10x40
RC328012	32	80	16x40	56	12	9	27	28 Kg	16	M12x50
RC328016	32	80	16x40	56	16	9	25	38 Kg	16	M12x50

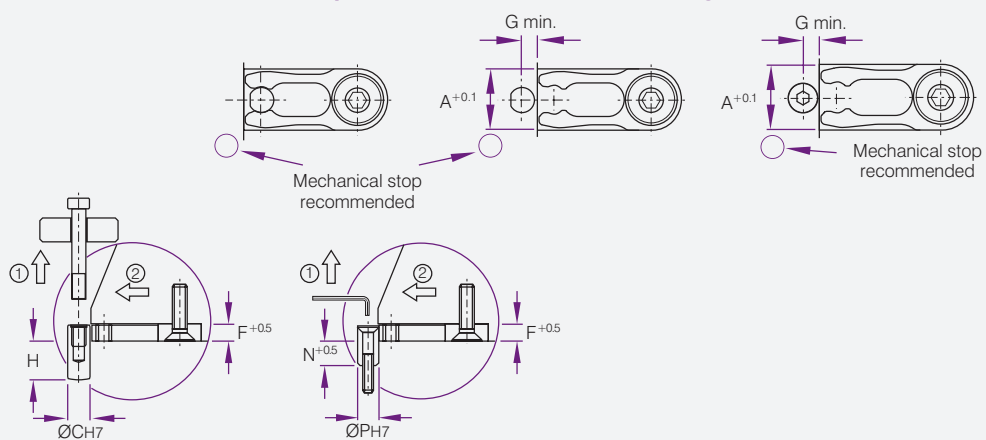
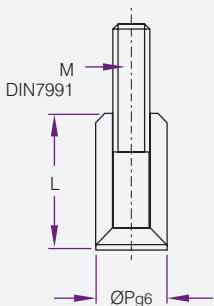


Mat.: 1.3505
 Hardened 60 ± 2HRC

Mould Open

Slide Disassembling

With PO

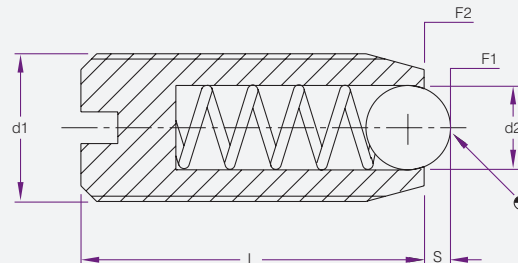


Product Code	L	M	N	P
PO120320	12	M3x20	7.5	6
PO150425	15	M4x25	10	8
PO200530	20	M5x30	13	10
PO250635	25	M6x35	16	12
PO340850	34	M8x50	23	16



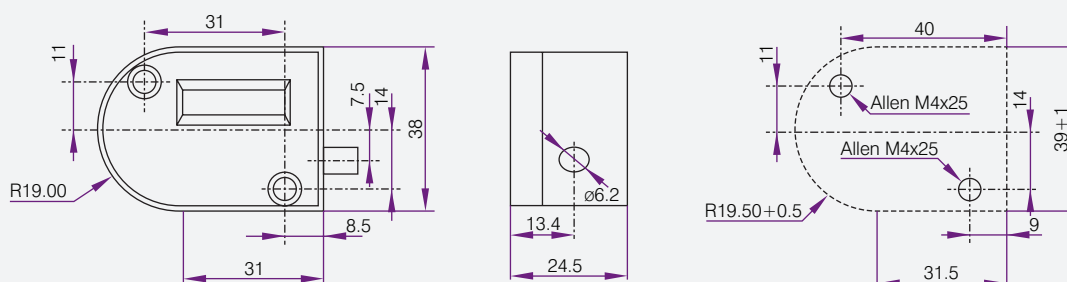
Material:

HSB 37 1.0718
 HSB 371 1.4305 (rust proof)
 Max: 250°C



d1	L	d2	S	Spring Force (N) F1	Spring Force (N) F2
M4	9	2,5	0,8	8,5	14,0
M5	12	3,0	0,9	8,0	14,0
M6	14	3,5	1,0	11,0	18,0
M8	16	5,0	1,5	18,0	31,0
M10	19	6,0	2,0	24,0	45,0
M12	22	8,0	2,5	26,0	49,0
M16	24	10,0	3,5	41,0	86,0

Hales 38mm Cycle Counter



Mechanical Cycles Counter for Moulds

Cycle Counter to indicate mould activity, validate process monitoring data, and assist mould maintenance procedures.

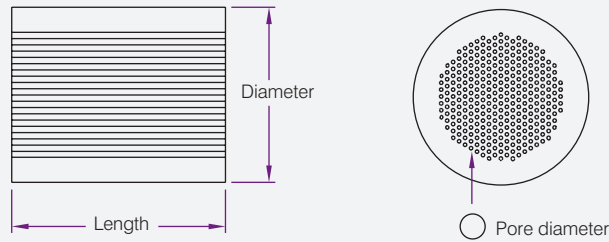
- Security ID Plates (with mould information, serial number and/or company's logo).
- Compact counter that can be mounted internally or externally and machined with a single tool.
- Maximum operating temperature is 120°C
- Counter: Non-resettable mechanical, 7-digit
- Glass-filled Nylon housing
- Socket for M3-25 Screws
- Warranty: All the mould life.

Product Code

HCC38

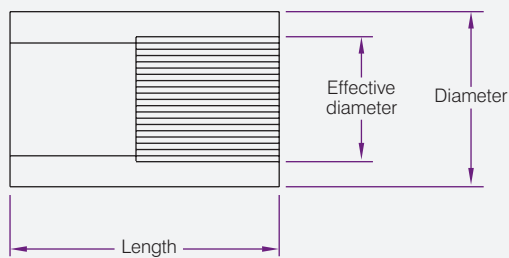


Blowmould, Diecast and Injection Moulding



Used for Blow Moulding, Diecasting or Vacuum Casting
Pore Diameter: 0.30mm

Product Code	30510	30610	30615	30810	30815	31010	31015	31210	31215	31415
Diameter	5	6	6	8	8	10	10	12	12	14
No. of Pores	89	89	89	200	200	340	340	340	340	550
Length	10	10	15	10	15	10	15	10	15	15



Used for Plastic Injection Moulding
Pore Diameter: 0.03 ~ 0.10mm

Product Code	SV030410	SV030610	SV030810	SV031010	SV050610	SV050810	SV051010	SV100810	SV101010
Outer Diameter	4	6	8	10	6	8	10	8	10
Effective Diameter	2.5	2.5	2.5	2.5	3.5	3.5	3.5	5.5	5.5
No. of Pores	606	606	606	606	804	804	804	780	780
Length	10	10	10	10	10	10	10	10	10