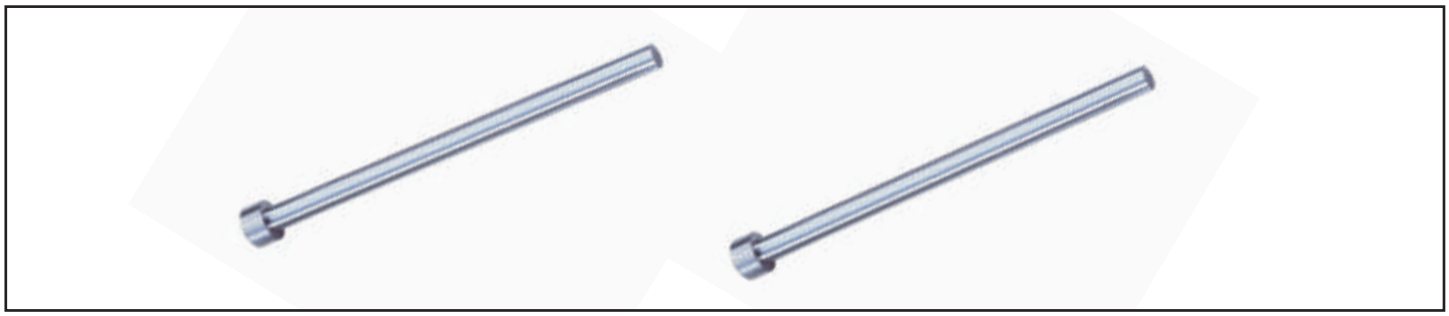
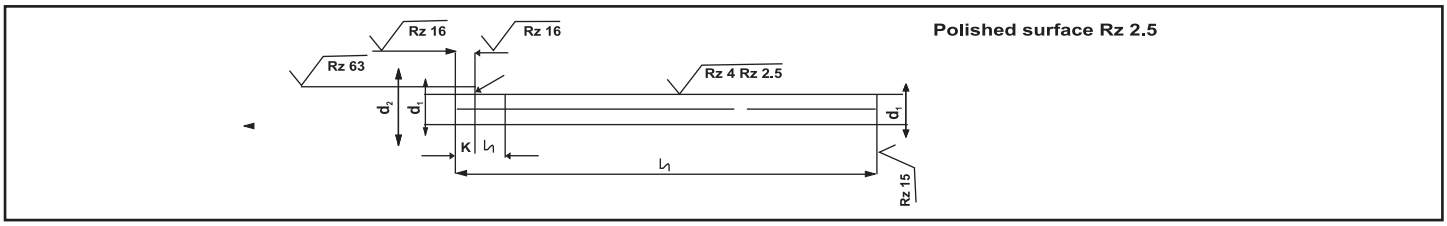
INDEX

PRODUCTS	Page No.
Ejector pins - DIN standard h-13	2
Ejector Sleeves	3
Ejector Blades	4
Step Ejector pins	5
Air jet valves & Air Poppet valves	6
Air jet valve	7
Date Inserts	8-9
Slide Retainers	10
Parting Locks	11
Latch Locks	12
Round Taper Interlock	13
Flat Interlock	14
Oilless Slide core units, Oilless Slide Core units Loose	15
Oilless Sleeve Bush	16
Oilless Wear Plates	17
Oilless Guide Rail	18
Mold shot counters, Air vents	19
Spring Plungers	20

EJECTOR PIN

Standard: DIN 1530-A (Black finish or Polished finish)





- **Material: 1.2344**
- **Hardness: Surface above HV950**
  Inner HRC45±5
  Core strenght approx. 1400n/mm
  Head HRC45±5

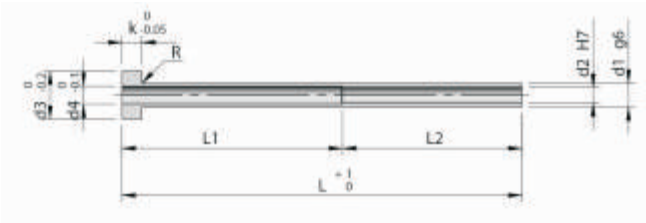
Temper resistance at least 6000°C
Head hot forged, hardened, tempered and fine ground findishen to g6

- **How to order: Ejector pin DIN1530-A d_1-l_1**

d 1g6	d2 $^{0}_{-0.2}$	d4 ca.	k $^{0}_{-0.05}$		l_1 $^{+2}_{-10}$									
					100	125	160	200	250	315	400	500	630	800
1.5	3	d1 +0.03	1.5	0.2	●	●	●	●	●	●				
2.0	4		2		●	●	●	●	●	●	●			
2.2				0.3	●	●	●	●	●	●	●	●		
2.5	5				●	●	●	●	●	●	●	●		
2.7					●	●	●	●	●	●	●	●	●	●
3.0	6		3		●	●	●	●	●	●	●	●	●	●
3.2					●	●	●	●	●	●	●			
3.5	7				●	●	●	●	●	●	●			
3.7					●	●	●	●	●	●	●	●	●	●
4.0	8				●	●	●	●	●	●	●	●	●	●
4.2					●	●	●	●	●	●	●			
4.5					●	●	●	●	●	●	●			
5.0	10				●	●	●	●	●	●	●	●	●	●
5.2					●	●	●	●	●	●	●			
5.5					●	●	●	●	●	●	●			
6.0	12		5	0.5	●	●	●	●	●	●	●	●	●	●
6.2					●	●	●	●	●	●	●			
6.5					●	●	●	●	●	●	●			
7.0					●	●	●	●	●	●	●	●	●	●
8.0	14				●	●	●	●	●	●	●	●	●	●
8.2					●	●	●	●	●	●	●			
8.5					●	●	●	●	●	●	●			
9.0					●	●	●	●	●	●	●			
10.0	16				●	●	●	●	●	●	●	●	●	●
10.2					●	●	●	●	●	●	●	●	●	●
10.5					●	●	●	●	●	●	●	●	●	●
11.0					●	●	●	●	●	●	●	●	●	●
12.0	18		7	0.8	●	●	●	●	●	●	●	●	●	●
12.2					●	●	●	●	●					
12.5					●	●	●	●	●					
14.0	22				●	●	●	●	●					
16.0					●	●	●	●	●	●	●	●		
18.0	24			1.0	●	●	●	●	●	●	●			
20.0	26		8		●	●	●	●	●	●	●			
25	32		10		●	●	●	●	●	●	●	●	●	●
32	40				●	●	●	●	●	●	●	●	●	●

EJECTOR SLEEVES

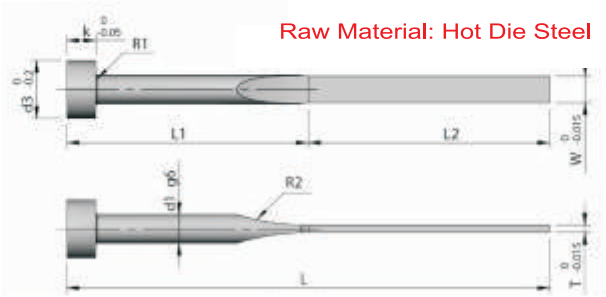
Raw Material: Through Hardened & Ground Steel



Through Hardened	Stock	Nitrided (HDS)	Stock	d1	d2	d3	k	d4	L	L1	L2	R
YT4.1/ 001 - T	•	YT4.1/ 001 - H	•						60	35		
YT4.1/ 002 - T	•	YT4.1/ 002 - H	•						75	50		
YT4.1/ 003 - T	✓	YT4.1/ 003 - H	✓						100	75		
YT4.1/ 004 - T	✓	YT4.1/ 004 - H	✓						125	100		
YT4.1/ 005 - T	✓	YT4.1/ 005 - H	✓						150	125		
YT4.1/ 006 - T	•	YT4.1/ 006 - H	•	3	1.5	6	3	1.8	175	150		
YT4.1/ 007 - T	✓	YT4.1/ 007 - H	✓						200	175		
YT4.1/ 008 - T	•	YT4.1/ 008 - H	•						225	200		
YT4.1/ 009 - T	✓	YT4.1/ 009 - H	✓						250	225		
YT4.1/ 010 - T	•	YT4.1/ 010 - H	•						275	250		
YT4.1/ 011 - T	•	YT4.1/ 011 - H	•						300	275		
YT4.1/ 012 - T	•	YT4.1/ 012 - H	•						60	35		
YT4.1/ 013 - T	•	YT4.1/ 013 - H	•						75	50		
YT4.1/ 014 - T	•	YT4.1/ 014 - H	•						100	75		
YT4.1/ 015 - T	•	YT4.1/ 015 - H	•						125	100		
YT4.1/ 016 - T	•	YT4.1/ 016 - H	•						150	125		
YT4.1/ 017 - T	•	YT4.1/ 017 - H	•	3	1.6	6	3	2	175	150	25	0.3
YT4.1/ 018 - T	•	YT4.1/ 018 - H	•						200	175		
YT4.1/ 019 - T	•	YT4.1/ 019 - H	•						225	200		
YT4.1/ 020 - T	•	YT4.1/ 020 - H	•						250	225		
YT4.1/ 021 - T	•	YT4.1/ 021 - H	•						275	250		
YT4.1/ 022 - T	•	YT4.1/ 022 - H	•						300	275		
YT4.1/ 023 - T	•	YT4.1/ 023 - H	•						60	25		
YT4.1/ 024 - T		YT4.1/ 024 - H							75	40		
YT4.1/ 025 - T	✓	YT4.1/ 025 - H	✓						100	65		
YT4.1/ 026 - T	✓	YT4.1/ 026 - H	✓						125	90		
YT4.1/ 027 - T	✓	YT4.1/ 027 - H	✓						150	115		
YT4.1/ 028 - T	•	YT4.1/ 028 - H	•	4	2	8	3	2.4	175	140	35	0.3
YT4.1/ 029 - T	✓	YT4.1/ 029 - H	✓						200	165		
YT4.1/ 030 - T	•	YT4.1/ 030 - H	•						225	190		
YT4.1/ 031 - T	✓	YT4.1/ 031 - H	✓						250	215		
YT4.1/ 032 - T	•	YT4.1/ 032 - H	•						275	240		
YT4.1/ 033 - T	•	YT4.1/ 033 - H	•							265		
VE4.1/ 034 - T	•	YT4.1/ 034 - H	•		2.2			2.5	60	25		

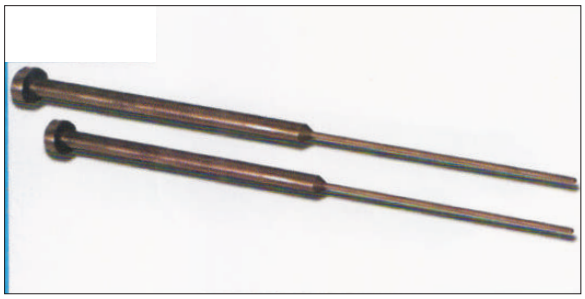
EJECTOR BLADES

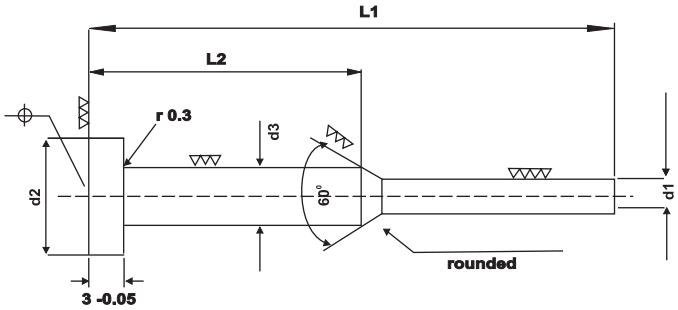
Raw Material: Through Hardened & Ground Steel



Through Hardened	Stock	Nitrided (HDS)	Stock	d1	d3	k	L	L1	L2	W	T	R1	R1
YT3.1/ 033 - T	•	YT3.1/ 033 - H	•	6	12	5	100	50	50	5.5	1.5	0.5	5
YT3.1/ 034 - T	•	YT3.1/ 034 - H	•				125	63	62				
YT3.1/ 035 - T	•	YT3.1/ 035 - H	•				160	80	80				
YT3.1/ 036 - T	•	YT3.1/ 036 - H	•				200	100	100				
YT3.1/ 007 - T	•	YT3.1/ 007 - H	•	6	12	5	125	63	62	5.5	1.2	0.5	5
YT3.1/ 038 - T	•	YT3.1/ 038 - H	•				160	80	80				
YT3.1/ 039 - T	•	YT3.1/ 039 - H	•				200	100	100				
YT3.1/ 040 - T	•	YT3.1/ 040 - H	•	8	14	5	100	50	50	5.5	1.2	0.5	5
YT3.1/ 041 - T	•	YT3.1/ 041 - H	•				125	63	62				
YT3.1/ 042 - T	•	YT3.1/ 042 - H	•				160	80	80				
YT3.1/ 043 - T	•	YT3.1/ 043 - H	•				200	100	100				
YT3.1/ 044 - T	•	YT3.1/ 044 - H	•	8	14	5	125	63	62	7.5	1.5	0.5	5
YT3.1/ 045 - T	•	YT3.1/ 045 - H	•				160	80	80				
YT3.1/ 046 - T	•	YT3.1/ 046 - H	•				200	100	100				
YT3.1/ 047 - T	•	YT3.1/ 047 - H	•				250	125	125				
YT3.1/ 048 - T	•	YT3.1/ 048 - H	•	8	14	5	160	80	80	7.5	1.2	0.5	5
YT3.1/ 049 - T	•	YT3.1/ 049 - H	•				200	100	100				
YT3.1/ 050 - T	•	YT3.1/ 050 - H	•				250	125	125				
YT3.1/ 051 - T	•	YT3.1/ 051 - H	•				315	160	155				
YT3.1/ 052 - T	•	YT3.1/ 052 - H	•	10	16	5	160	80	80	9.5	1.5	0.5	5
YT3.1/ 053 - T	•	YT3.1/ 053 - H	•				200	100	100				
YT3.1/ 054 - T	•	YT3.1/ 054 - H	•				250	125	125				
YT3.1/ 055 - T	•	YT3.1/ 055 - H	•				315	160	155				
YT3.1/ 056 - T	•	YT3.1/ 056 - H	•	10	16	5	200	100	100	9.5	1.2	0.5	5
YT3.1/ 057 - T	•	YT3.1/ 057 - H	•				250	125	125				
YT3.1/ 058 - T	•	YT3.1/ 058 - H	•				315	160	155				
YT3.1/ 059 - T	•	YT3.1/ 059 - H	•				400	200	200				
YT3.1/ 060 - T	•	YT3.1/ 060 - H	•	12	18	7	200	100	100	11.5	1.2	0.8	5
YT3.1/ 061 - T	•	YT3.1/ 061 - H	•				250	125	125				
YT4.1/ 062 - T	•	YT4.1/ 062 - H	•				315	160	155				
YT3.1/ 063 - T	•	YT3.1/ 063 - H	•				400	200	200				
YT3.1/ 064 - T	•	YT3.1/ 064 - H	•				200	100	100		2.5	0.8	10

STEP EJECTOR PIN

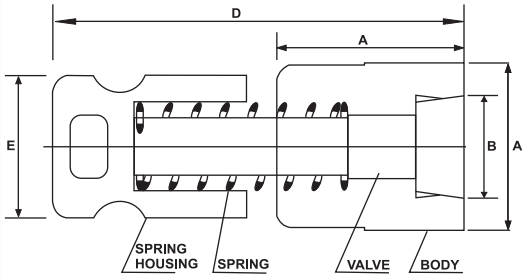


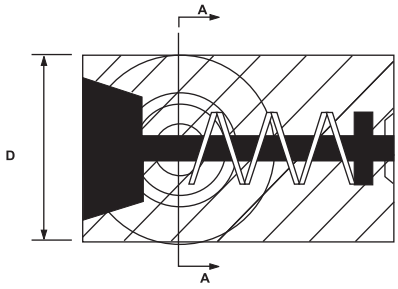


Code	d1	g6	d2-0.2	d3-0.1
YT	1	-0.002 -0.008	6	3
	1.5			
	2			
	2.5			
	3		8	4

L1+2	100	125	160	200
L2	50	50	75	75

AIR JET VALVES & AIR POPPET VALVES

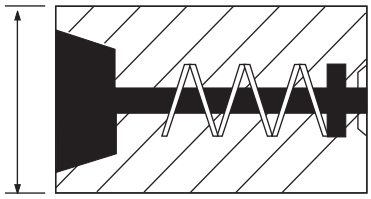


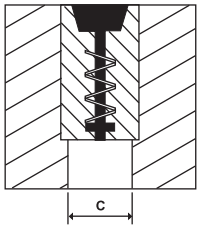


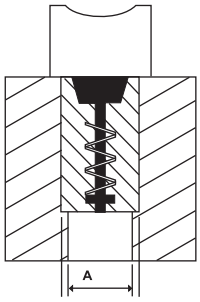
(Stainless Steel)

A	B	C	D	E
8	6.6	11	24	6
10	8.0	11	24	6
12	9.7	18	34	8
16	13.0	20	38	8
18	14.8	22	46	12
20	16.0	26	50	12
25	20.0	26	50	12

(Air -Jet Valves)







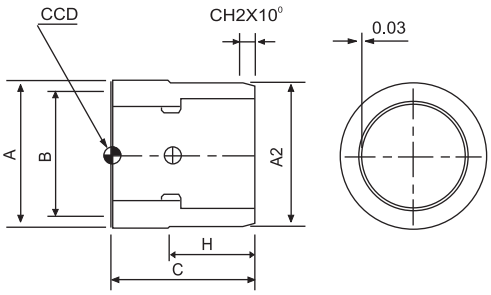
(SUS416)

D	L	A	C
8	15	8	
10	20	10	6
12	25	12	8
16	30	16	10
20	30	20	12
25	30	25	15
30	30	30	20

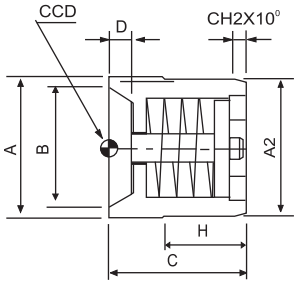
AIR JET VALVES

AIR -JET VALVES

YD



YJ

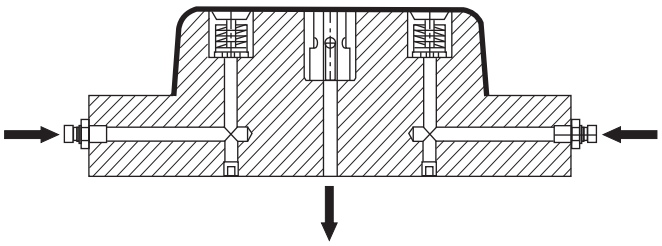


Double Valve: An effective method of semi pneumatic ejection,for tools with ribs or ate as forming gas traps or vaccum conditions.

1.5-6BARS

Air Valve: Manufactured completely from stainless steer this unit has the advantage of high airflow. it is manufactured in six standard dimensions.

Application example



YD/YJ	SUS420	HRC48°~50°
	MATERIAL	HARDNESS

Price:(RMB)

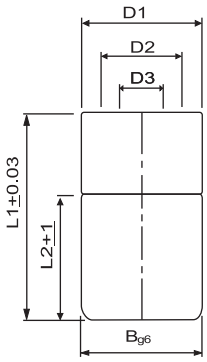
Code	A m6	A2 e8	B	C d9	E	H +1
YD	8 10	8 10	5.2 6.5	12	6 8	7
	12 16	12 16	8 10	10 12	10 12	7 12

Price:(RMB)

Code	A m6	A2 e8	B	C d9	D	E	H +1
YJ	6 8	6 8	5.2 6.5	12	1.5	4	7
	10 12	10 12	8 10	12	2 2.5	8 10	7
	16 20	16 20	13 17	20	3 3.5	12 16	12

DATE INSERTS

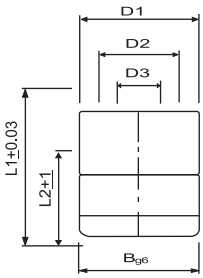
Three-lay Combined Date Stamp



This kind of stamp, combined with Year and Month, doesn't need two date stamps, and therfore it can save machining cost and mould space. It is composed of 12 months and 5 years, and so you can use it for four years without change. It is much stable in quality than the replacement type, thus saving costs. (Begin from the year of 2010).

European Standard=Size					
D1	D2	D3	L1	L2	B
8	5	2.5	20	12+1	8g6
10	6	3	20	12+1	10g6
12	8	4	20	12+1	12g6
16	10	5	20	12+1	16g6
20	12	6	20	12+1	20g6

Three-lay Combined Date Stamp



This kind of stamp, combined with Year and Month, doesn't need two date stamps, and therfore it can save machining cost and mould space. It is composed of 12 months and 5 years, and so you can use it for four years without change. It is much stable in quality than the replacement type, thus saving costs. (Begin from the year of 2010).

Standard=Size					
D1	D2	D3	L1	L2	B
6	4	2	12	6+1	6g6
8	5	2.5	12	6+1	8g6
10	6	3	12	6+1	10g6
12	8	4	14	7+1	12g6
16	10	5	14	7+1	16g6
20	12	6	16	8+1	20g6

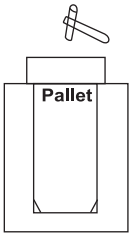
DATE INSERTS

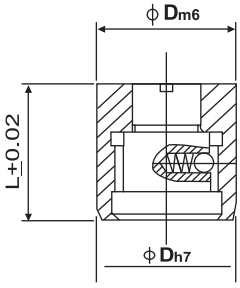
Card-positioning Type Traditional Date Stamp

1. It has ball structure with fir tightness,
2. It has accurate arrow indication, and uses ball positioning,
3. It is cost-effective, and easy to assenmle.
4. The following specification is subject , moreover,It can be processed according to the srecification and length proposed by the customers.

Method of putting it into mould:

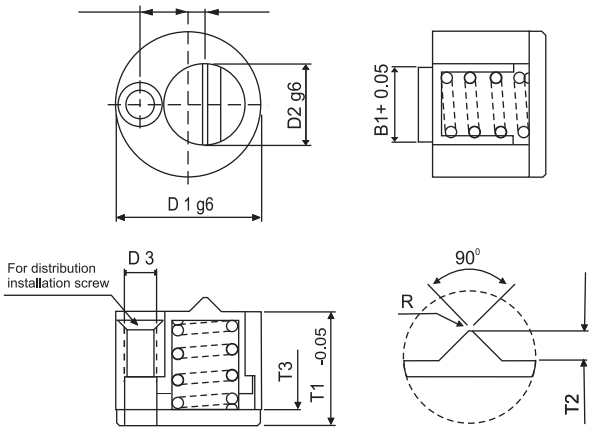
1. Machine the HT hole up with mould, insert date stamp into it, and then stack up the soft metal plate of brass, and gently tap it by hand hammer
2. Aperture processing method: finished by computer processing center or with discharge processing, unsuitable for the processing by traditional milling machine.





D	ϕ 2.6	ϕ 3	ϕ 4	ϕ 5	ϕ 6	ϕ 8	ϕ 10	12	ϕ 16	ϕ 20	ϕ 25
L	8	8	8	8	8	10	12	14	14	16	16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16
	ϕ2.6-8	ϕ 3-8	ϕ 4-8	ϕ5-8	ϕ6-8	ϕ 8-10	ϕ10-12	ϕ 12-14	ϕ16-14	ϕ20-16	ϕ25-16

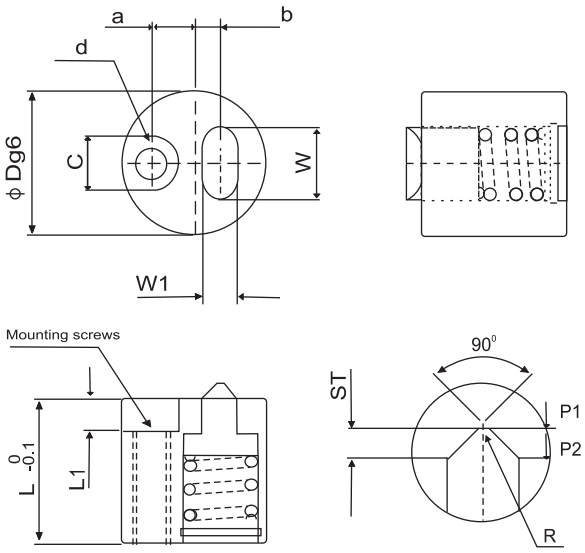
SLIDE RETAINER



D1	D2	B1	B2	B3	T1	T2	T3	R	D3	Mounting Screws	Max. holding weight kgf
13	7	6.6	1.4	4.3	10	1.0	1.6	0.35	M3	M2 X 16	3.4
18	10	9.6	2.0	6.0	14	1.8	2.0	0.50	M4	M3 X 20	4.2
27	15	14.4	3.0	9.0	21	2.8	3.0	0.50	M5	M4 X 25	9.2

SLIDE RETAINER

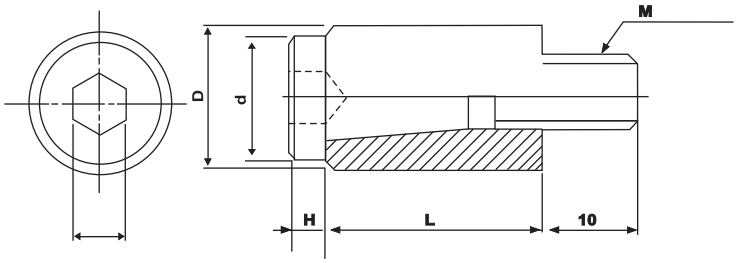
Characteristics: With surface contact which reduces unit pressure of contact surface so it can effectively prevent damage of side core-pulling slider. It applies to lock the heavy components.



D	ST	L	L1	a	b	c	d	W	W1	R	R	Mounting screws	Max. holding weight kgf
16C	1.6	15	3.3	5	2.5	6	3.2	8	4	1	M4	M3X20	28.6
16F													78.8
20F	2.0	20	4.5	6	3.5	7.5	4.3	10	5	1.1	M5	M4X25	62.9
20L													110.0

PARTING LOCK

Material: 1. SCM435
2. RESIN



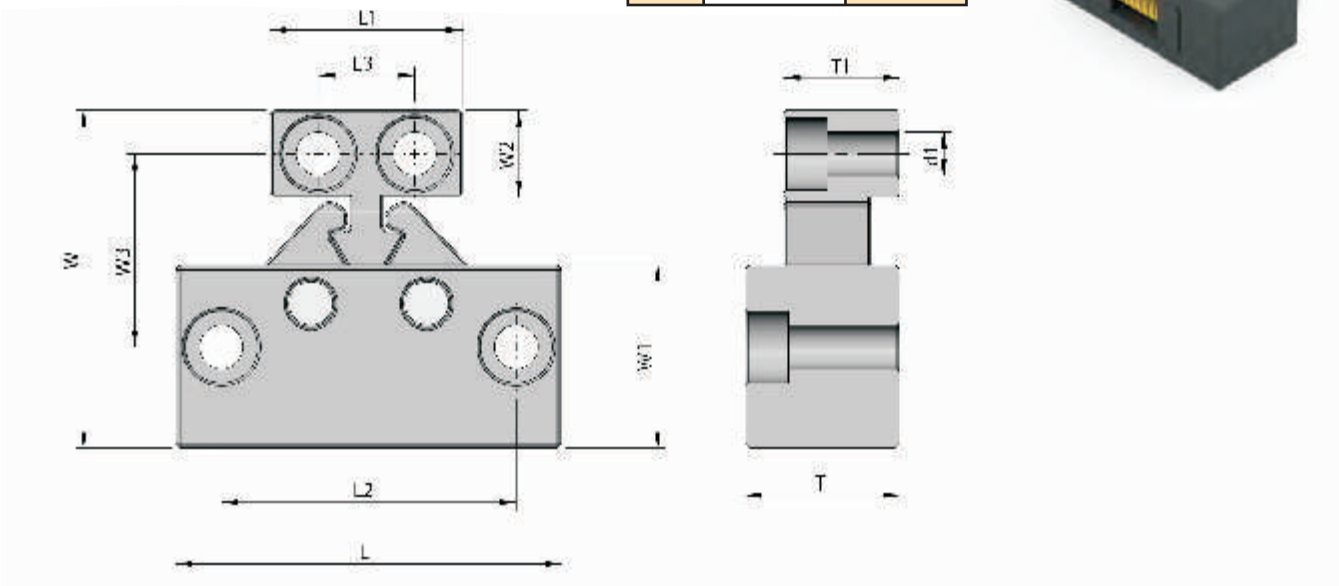
Features:

1. Use sloping screw to adjust mold plate and parting locks, then turn 90 degrees, parting locks can be closed up to 50,000 times.
2. Easy to assemble and disassemble, and cost efficient.
3. Can also be installed onto small, medium size, and 2-sectional injecting metal pipes or can be installed on sliding bases,
4. Mold weight<100kg, using 4 pcs of 12 ϕ
   Mold weight<500kg, using 4 purchase of 16 ϕ
   Mold weight<1,000kg, using 4 purchase of 20 ϕ
   Mold weight<1,000kg, using at least 6 pcs.
5. Insert parting locks into die mold about 3cm, then using H7 reamer to process mold hole within + 0.1 mm range.
6. Process mold surface to the shape of letter R, if processing to the clambering of letter C, it will shorten its life cycle.
7. Do not add any oil on parting locks, doing so will reduce the friction.

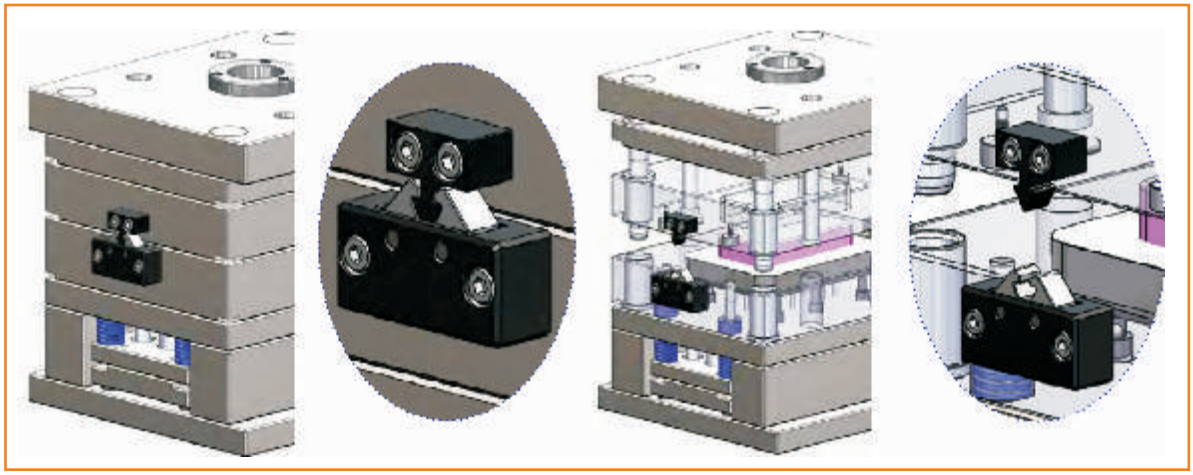
ϕD	ϕd	H	L	M	B
10	8.5	8	18	M5	4
12	1.1	3.5	20	M6	5
13	1.1	3.5	20	M6	5
16	1.4	4	25	M8	6
20	1.6	5	30	M10	8

LATCH LOCKS

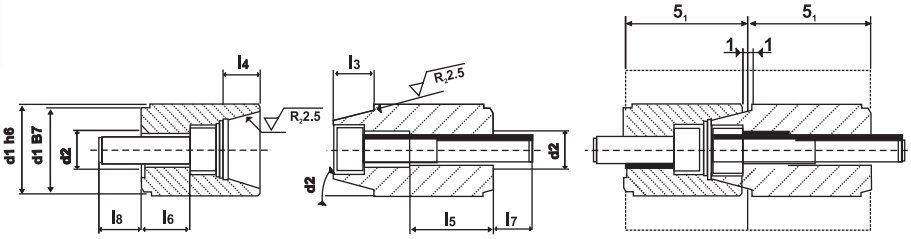
	Raw Material	Hardness
Body	C45	-
Male	EN31	55HRC
Jaws	EN31	55HRC



L	L1	L2	L3	W	W1	W2	W3	T	T1	d1	Force (kg)	Stock
55	30	42	16	44	25	13	27.5	22	17	6.5	45	✓
80	40	61	20	70	38	18	40	28	24	8.5	110	✓
120	62	95	30	106	57	27	60	48	38	12.5	225	✓

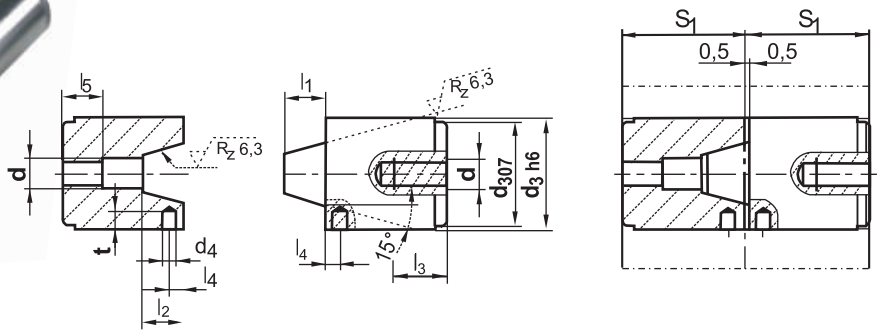


ROUND TAPER INTERLOCK



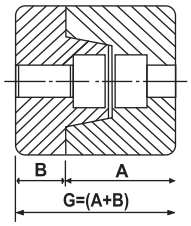
l8	l7	l6	l5	l4	l3	d2	S2	d1
7.5	8	8.5	9.8	5	4.5	M4	17	12
8	7.5	6	12.4	6	6	M5		14
		5.8						16
10.6	12	10.5	19.7	10.5	9	M8	27	20
9.5	11	9.2		11	10			25
								26
11	15	12.2	25	16	14	M10	36	30
								32
13	16	16.8	27	20	18		46	42

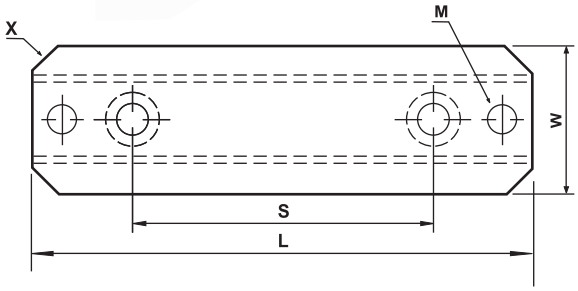
ROUND TAPER INTERLOCK

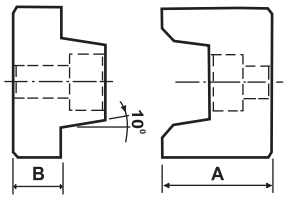


t	d4	d	l5	l4	l3	l2	l1	S1	d3
5	4	M10	16.5	4.5	20	11.5	10.5	36	30
7	5		18.5	5.5		15.5	14.5	46	42
8	6	M12	20.5	7.5	25	18.5	17.5	56	54
11	8	M16	25.5		30	23.5	27.5	76	80

FLAT INTERLOCK



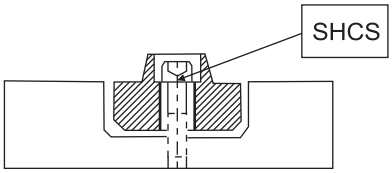


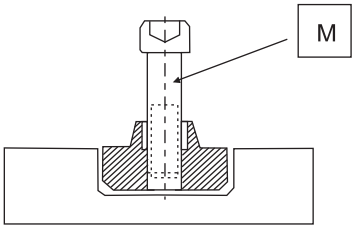


Diagram

Extraction screw

Fixation screw





MM

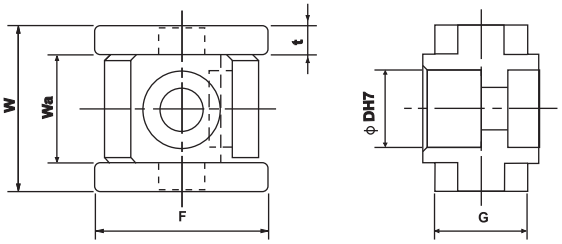
S50C HRC52° -56°

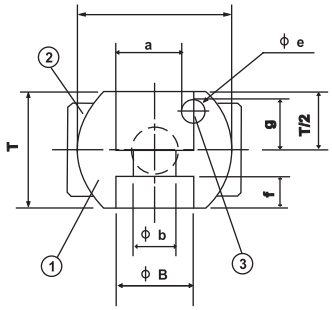
W $^{0}_{-0.01}$	L $^{0}_{-0.1}$	A $^{0}_{-0.01}$	B $^{0}_{-0.01}$	G $^{+0.03}_{-0.01}$	S	X	M	SHCS
25	50	17.5	8	25.5	-	5	M5	M5
30	100	22	10	32	60	5	M6	M6
40	100	25	13	38	100	5	M8	M8

INCH

W $^{0}_{-0.004}$	L $^{0}_{-0.004}$	A $^{0}_{-0.01}$	B $^{0}_{-0.0004}$	G $^{+0.03}_{0}$	S	X	M	SHCS
0.999	1.980	0.690	0.312	1.002	-	0.20	3/16-24	3/16-24
1.249	3.980	0.870	0.375	1.245	2.50	0.20	1/4-20	1/4-20
1.499	5.980	1.000	0.500	1.500	4.00	0.20	5/16-18	5/16-18

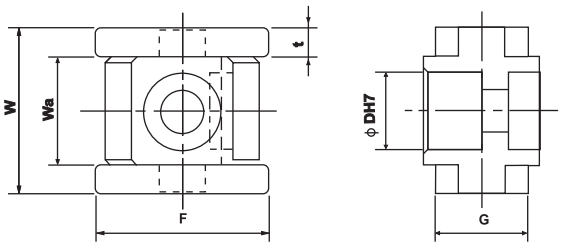
OILLESS SILD CORE UNITS, OILLESS SLIDE CORE UNITS LOOSE

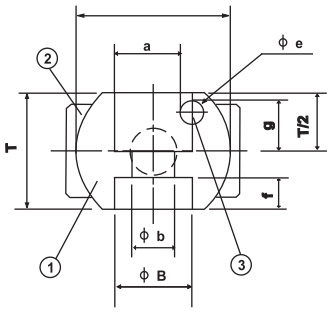




Item	Parts Name	Material
①	Holder	S45C
②	Slide Plate	Bronze with Graphite
③	Loosening Lock	SK5M

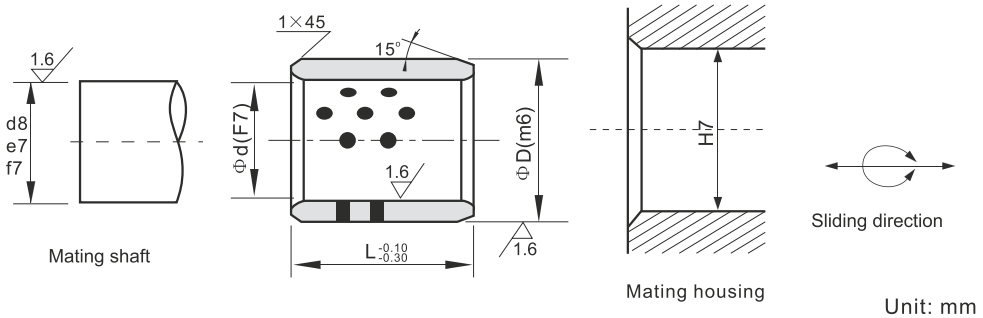
D	W	Wa	F	t	G	A	a	T	g	f	B	b	e
8	24	12	25	6	13	20	7.5	16	6.5	5	10	5	3
10	28	14	32	7	17	20	8.5	16	6.5	4	12	6	3
12	31	17	40	7	20	25	10	20	8.5	5	13	7	4
16	36	21	45	7.5	24	30	13	24	10	6	16	9	6
20	43	28	45	7.5	24	40	17	30	13	8	20	11	6
25	48	33	50	7.5	26	45	22	35	14	9.5	25	14	6
30	55	38	60	8.5	30	50	27	38	15	9	25	14	6
35	64	44	70	10	34	55	31	40	15	10	25	14	8
40	72	50	80	11	38	60	36	43	16	11.5	32	18	8





Item	Parts Name	Material
①	Holder	S45C
②	Slide Plate	Bronze with Graphite
③	Loosening Lock	SK5M

D	W	Wa	F	t	G	A	a	T	g	f	B	b	e
8	24	12	25	6	13	20	7.5	16	6.5	5	10	5	3
10	28	14	32	7	17	20	8.5	16	6.5	4	12	6	3
12	31	17	40	7	20	25	10	20	8.5	5	13	7	4
16	36	21	45	7.5	24	30	13	24	10	6	16	9	6
20	43	28	45	7.5	24	40	17	30	13	8	20	11	6
25	48	33	50	7.5	26	45	22	35	14	9.5	25	14	6
30	55	38	60	8.5	30	50	27	38	15	9	25	14	6
35	64	44	70	10	34	55	31	40	15	10	25	14	8
40	72	50	80	11	38	60	36	43	16	11.5	32	18	8



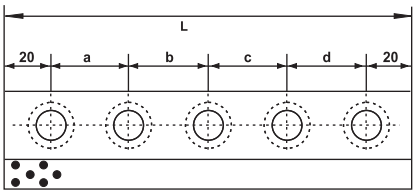
Unit: mm

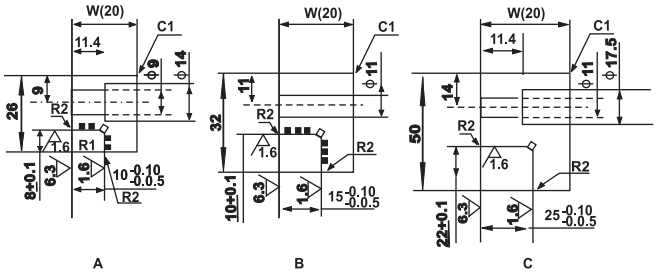
Φd	Tolerance (F7)	ΦD	Tolerance (m6)	L																			
				8	10	12	15	20	25	30	35	40	50	60	70	80	90	100	120	140	160	180	200
8	+0.028 +0.013	12	+0.018 +0.007	●	●	●	●																
10	+0.028 +0.013	14	+0.018 +0.007	●	●	●	●	●															
12	+0.034 +0.016	18	+0.018 +0.007	●	●	●	●	●	●														
14	+0.034 +0.016	20	+0.021 +0.008		●	●	●	●	●	●													
16	+0.034 +0.016	22	+0.021 +0.008		●	●	●	●	●	●	●	●											
20	+0.041 +0.020	28	+0.021 +0.008			●	●	●	●	●	●	●											
20	+0.041 +0.020	30	+0.021 +0.008			●	●	●	●	●	●	●											
25	+0.041 +0.020	33	+0.025 +0.009				●	●	●	●	●	●	●										
25	+0.041 +0.020	35	+0.025 +0.009				●	●	●	●	●	●	●										
30	+0.041 +0.020	38	+0.025 +0.009					●	●	●	●	●	●										
30	+0.041 +0.020	40	+0.025 +0.009					●	●	●	●	●	●										
35	+0.050 +0.025	45	+0.025 +0.009						●	●	●	●	●	●									
40	+0.050 +0.025	50	+0.025 +0.009							●	●	●	●	●	●								
40	+0.050 +0.025	55	+0.030 +0.011							●	●	●	●	●	●	●							
45	+0.050 +0.025	55	+0.030 +0.011							●	●	●	●	●	●	●							
45	+0.050 +0.025	56	+0.030 +0.011							●	●	●	●	●	●	●							
45	+0.050 +0.025	60	+0.030 +0.011							●	●	●	●	●	●	●							
50	+0.050 +0.025	60	+0.030 +0.011							●	●	●	●	●	●	●							
50	+0.050 +0.025	65	+0.030 +0.011							●	●	●	●	●	●	●							
55	+0.060 +0.030	70	+0.030 +0.011								●	●	●	●	●	●	●						
60	+0.060 +0.030	75	+0.030 +0.011								●	●	●	●	●	●	●						
65	+0.060 +0.030	80	+0.030 +0.011									●	●	●	●	●	●	●					
70	+0.060 +0.030	85	+0.035 +0.013									●	●	●	●	●	●	●					
70	+0.060 +0.030	90	+0.035 +0.013									●	●	●	●	●	●	●					
75	+0.060 +0.030	90	+0.035 +0.013									●	●	●	●	●	●	●	●				
75	+0.060 +0.030	95	+0.035 +0.013									●	●	●	●	●	●	●	●				
80	+0.060 +0.030	100	+0.035 +0.013										●	●	●	●	●	●	●	●			
85	+0.071 +0.036	100	+0.035 +0.013										●	●	●	●	●	●	●	●			
90	+0.071 +0.036	110	+0.035 +0.013										●	●	●	●	●	●	●	●			
100	+0.071 +0.036	120	+0.035 +0.013											●	●	●	●	●	●	●	●		
110	+0.071 +0.036	130	+0.040 +0.015											●	●	●	●	●	●	●	●		
120	+0.071 +0.036	140	+0.040 +0.015												●	●	●	●	●	●	●		
130	+0.083 +0.043	150	+0.040 +0.015												●	●	●	●	●	●	●		
140	+0.083 +0.043	160	+0.040 +0.015													●	●	●	●	●	●		
150	+0.083 +0.043	170	+0.040 +0.015													●	●	●	●	●	●		
160	+0.083 +0.043	180	+0.040 +0.015													●	●	●	●	●	●	●	
170	+0.083 +0.043	190	+0.046 +0.017														●	●	●	●	●	●	
180	+0.083 +0.043	200	+0.046 +0.017															●	●	●	●	●	●
190	+0.096 +0.050	210	+0.046 +0.017															●	●	●	●	●	●

OILLESS WEAR PLATES

W	L	A	B	C	D	E	Flat Head Screw	No. of Holes
18	75	15	45				M6	2
	100	25	50					
	125		75					
	150		100					
28	75	15	45					
	100	25	50					
	125		75					
	150		100					
35	100	20	60				M8	
	150		55	55				3
	200		55	50	55			4
	250		70	70	70			4
	300		65	65	65	65		5
	350		80	75	75	80		5
38	75	15	45				M6	2
	100	25	50					
	125		75					
	150		100					
48	75	15	45					
	100	25	50					
	125		75					
	150		100					
50	100		60				M8	
	150		55	55				3
	200		55	50	55			4
	250		70	70	70			4
	300		65	65	65	65		5
	400		90	90	90	90		5
75	150	20	110					4
	200		80	80				6
	250		105	105				6
	300		85	85	85			8
	400		120	120	120			8
	500		115	115	115	115		10

OILLESS GUIDE RAIL

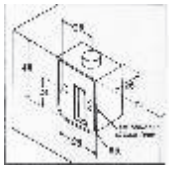




W	L	Bolt						Sketch
		a	b	c	d	Size	Qty	
20	100	60				M8	2	A
	150	55	55				3	
	200	55	50	55			4	
30	100	60				M10	2	B
	150	55	55				3	
	200	55	50	55			4	
	250	70	70	70			4	
45	200	55	50	55		M10	4	C
	250	70	70	70			4	
	300	65	85	65	65		5	
	350	80	75	75	80		5	

MOLD SHOT COUNTERS

Counter positively monitor mold usage by tracking activity for the life of tool, for precisely knowing the pressing times of molds.



Parting line Mount
Glass filled Nylon
Hex Socket Screws x 2 (M4 x 25)

- Design and made in Taiwan.
- Two mounting styles are available for easy install ation of thd mold counter
- Working perfectly under (120/250)
- 7 digits (0000000-9999999)
- Non resettable design.
- Pure mechanical design.
- Stainless steel used for inner metal part.
- Working available under water.

MOLD SHOT COUNTERS, AIR VENTS

AS VENT

AS 1

AS 2

AS 1/AS2	①	stain less steel	RV50	0.05
	②	copper	RV20	0.35
		MATERIAL	HARDNESS	HOLE DIA

In order to achieve its maximum molding productivity, simply using its ultra micro breathing cell to exhale gas and air from molds.

Key problems to be solved:

1. Burnt:
   When aberration and burnt issues occurred for resin filling faster than air , it would result gas vent overheated.
2. Overflow:
   There are 2 possible conditions:
   - When temperature of resin gets higher at the tip of seaming, it weakens its bonding strength.
   - Air can filled up the path and block resin to flow functionally which will cause ejection pressure to rise and materials to overflow.
3. No enough fillings:
   Due to air pressure, it reduces the ratio of the filling speed. Even there is no any sign of burnt or overflow.
4. Cell streak:
   If there are some cells, steaks and mottles occurred, it is caused by the tact that the cells have not been vaporized completely between air and resin.
5. Extensive Cycling Time:
   The higher temperature of resin, molds and slower speed of injection cause extensive cycling time, however, it will not affect the quality of final products.

Energy, Time, and Cost Saver:

1. It will reduce the die, time and materials if users consider use TX gas vent teh beginning of the design.
2. It will save up to 1/3 to 1/10 of the total cost and time if installing gas vent

Installation:

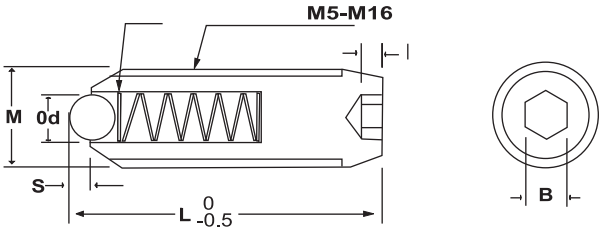
1. Do not touch the surface when gas vent is in use.
2. Use H7/S6 from JIS reference chart.

Catalog No. D	L
	4.5
5	10
6	10
8	10
10	10
12	12

SPRING PLUNGERS

HV32°

NX0.101972



M	d	S	L	l	B	(N)		(N)		(N)	
						min	max	min	max	min	max
2	1.0	0.3	5	1.0	0.9	1.0	2.04	--	--	--	--
3	1.5	0.5	7	1.0	1.5	1.0	2.0	1.5	2.9	2.2	5.0
4	2.5	0.8	9	1.5	2	2.0	4.9	3.9	9.8	2.5	12.5
5	3.0		12	2.0	2.5	2.9	9.8	4.9	19.6	11.2	24.1
6	3.0		13	2.5	3	4.9	14.7	9.8	29.4	17.7	33.4
8	4.0	1.0	15	2.5	4	6.9	19.6	12.7	39.2	21.4	45.3
10	5.0	1.2	16	3.0	5	8.8	24.5	18.6	49.0	23.5	60.0
12	7.0	1.8	20	3.0	6	9.8	29.4	19.6	58.8	24.1	63.7
16	9.5	2.5	25	3.0	8	15.7	49.0	29.4	98.0	43.6	116.3