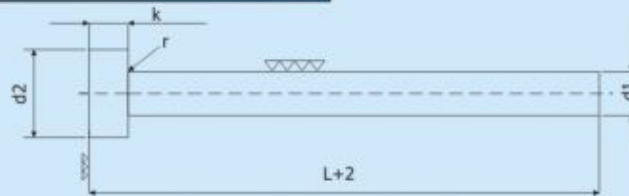




Ejector Pins (Type A) DIN 1530

Raw Material:
Through Hardened
& Ground Steel
Hardness:
Through Hardened
up to 52±2 HRC



(Recommended for plastic moulds)

Code	d1	g6	d2 -0.2	k -0.05	r	L + 2														
						100	125	160	200	250	300/ 315	350	400	450	500	550	600/ 630	700	800	1000
VATH	1	-0.003 -0.01	2.5	1.2	0.2	✓	✓	✓	✓											
	1.5		3	1.5		✓	✓	✓	✓	✓										
	2.0		4	2		✓	✓	✓	✓	✓										
	2.5		5			✓	✓	✓	✓	✓										
	3.0	-0.004 -0.012	6	3	0.3	✓	✓	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•
	3.2					✓	✓	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•
	4.0		8			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4.5					✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•
	5.0		10			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5.5					✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•
	6.0					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6.35		12			✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•
	7	-0.005 -0.014			0.5	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•
	8					✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•
	8.5		14			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	9					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	10	-0.006 -0.017	16			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10.5					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	12		18/20		0.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	12.5					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	14		22			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	16					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	18	-0.007 -0.02	24		1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	20		26	8		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	25		32	10		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ - Ex-stock • - Against Order

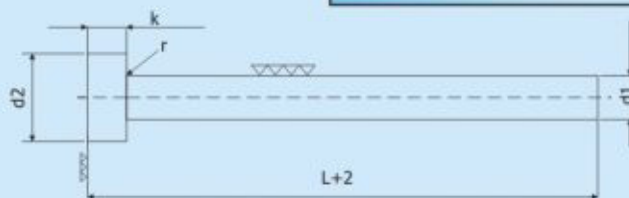
Any other diameter and length available as per customers requirement

Ordering Example: Code - d1*L - Quantity

VATH - 20*500 - 20 pieces

Raw Material:
Hot Die Steel
(H-11/H-13)
Hardness:
Surface Nitrided
to 60-62 HRC
Core: 45-50 HRC

Ejector Pins (Type A) DIN 1530



(Recommended for high temperature moulds and die casting dies)

Code	d1	g6	d2 -0.2	k -0.05	r	L + 2																	
						100	125	160	200	250	300/ 315	350	400	450	500	550	600/ 630	700	800	1000			
VAHS	1	-0.003 -0.01	2.5	1.2	0.2	✓	✓	✓	✓														
	1.5		3	1.5		✓	✓	✓	✓	✓	✓												
	2.0		4	2		✓	✓	✓	✓	✓	✓												
	2.5		5			✓	✓	✓	✓	✓	✓												
	3.0	-0.004 -0.012	6	3	0.3	✓	✓	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•			
	3.2		8			✓	✓	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•			
	4.0					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	4.5		10			✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•			
	5.0					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	5.5		12			✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•			
	6.0					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	6.35					✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•		
	7		14		0.5	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•		
	8	-0.005 -0.014				•	•	•	•	•	•	•	•	•	•	•	•	•					
	8.5					•	•	•	•	•	•	•	•	•	•	•	•	•	•				
	9					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	10	16				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
	10.5					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	12	-0.006 -0.017	18/20	7	0.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	12.5					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	14		22			•	•	•	•	•	•	•	•	•	•	•	•	•	•				
	16					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	18	-0.007 -0.02	24		1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	20		26	8		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	25		32	10		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

✓ - Ex-stock • - Against Order

Any other diameter and length available as per customers requirement

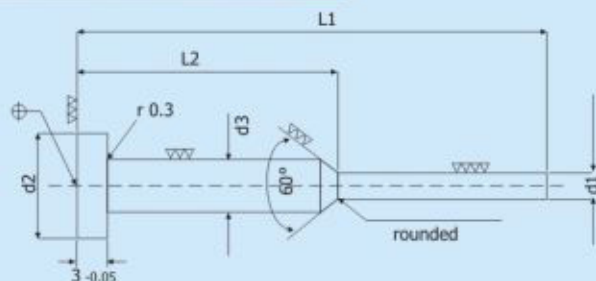
Ordering Example: Code - d1*L - Quantity

VAHS - 20*500 - 20 pieces



Ejector Pins (Type C) DIN - 1530

Raw Material:
Through Hardened
& Ground Steel
Hardness:
Through Hardened
up to 52 ± 2 HRC



(Recommended for plastic moulds)

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

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

✓ - Ex-stock

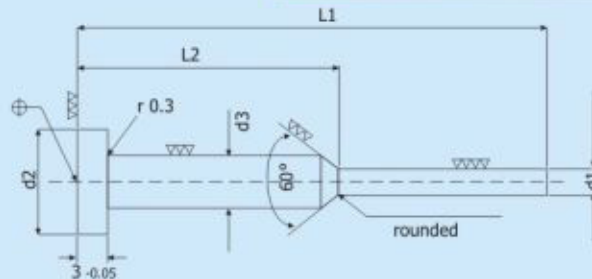
Any other diameter and length available as per customers requirements (Ref. drawings Page # 17)

Ordering Example: Code - d3*d1*L1 - Quantity

VCTH - 3*2*160 - 20 pieces

Raw Material:
Hot Die Steel
(H-11 / H-13)
Hardness:
Surface Nitrided
to 60-62 HRC
Core: 45-50 HRC

Ejector Pins (Type C) DIN - 1530



(Recommended for high temperature moulds and die casting)

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

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

✓ - Ex-stock

Any other diameter and length available as per customers requirements (Ref. drawings Page # 17)

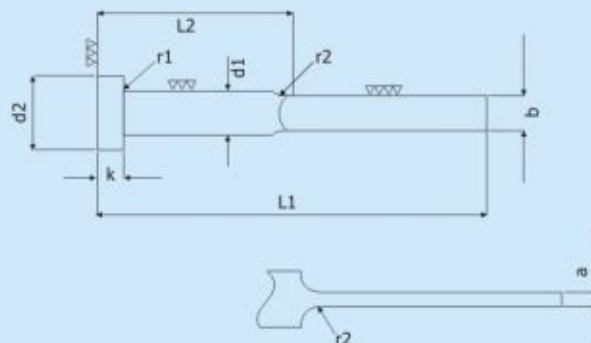
Ordering Example: Code - d3*d1*L1 - Quantity

VCHS - 3*2*160 - 20 pieces



Blade Ejector Pins DIN - 1530

Raw Material:
Through Hardened
& Ground Steel
Hardness:
Through Hardened
up to 52±2 HRC



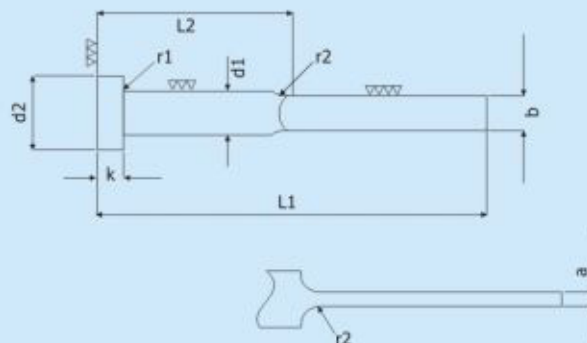
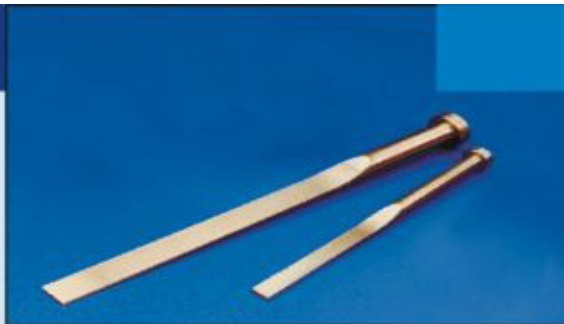
Code	a -0.015	b -0.015	d1 -0.2	d2 -0.2	k -0.05	r1	r2	L1 L2								
								60	80	100	125	160	200	250	315	400
								30	40	50	63	80	100	125	160	200
VFTH	1.0	3.5	4	8	3	0.3	5	●	●	●						
	1.0	3.8	4.2	8	3	0.3	5	●	●	●	●	●				
	1.2	3.8	4.2	8	3	0.3	5		●	●	●	●				
	1.0	4.5	5	10	3	0.3	5		●	●	●	●				
	1.2	4.5	5	10	3	0.3	5		●	●	●	●				
	1.5	4.5	5	10	3	0.3	5		●	●	●	●				
	1.0	5.5	6	12	5	0.5	5		●	●	●	●				
	1.2	5.5	6	12	5	0.5	5		●	●	●	●				
	1.5	5.5	6	12	5	0.5	5			●	●	●	●			
	2.0	5.5	6	12	5	0.5	5				●	●	●			
	1.2	7.5	8	14	5	0.5	5			●	●	●	●			
	1.5	7.5	8	14	5	0.5	5				●	●	●	●		
	2.0	7.5	8	14	5	0.5	5				●	●	●	●		
	1.5	9.5	10	16	5	0.5	5				●	●	●	●		
	2.0	9.5	10	16	5	0.5	5					●	●	●	●	
	2.0	11.5	12	20	7	0.8	5					●	●	●	●	
	2.5	11.5	12	20	7	0.8	10					●	●	●	●	
	2.0	15.5	16	22	7	0.8	10					●	●	●	●	
	2.5	15.5	16	22	7	0.8	10					●	●	●	●	

• Available against order only

Ordering Example: Code - d1*L1 / L2 (a*b) - Quantity
VFTH - 4*80 / 40 (1.0*3.5) - 20 pieces

Raw Material:
Hot Die Steel
(H-11 / H-13)
Hardness:
Surface Nitrided
to 60-62 HRC
Core: 45-50 HRC

Blade Ejector Pins DIN - 1530



Code	a -0.015	b -0.015	d1 -0.2	d2 -0.2	k -0.05	r1	r2	L1 L2								
								60	80	100	125	160	200	250	315	400
								30	40	50	63	80	100	125	160	200
VFHS	1.0	3.5	4	8	3	0.3	5	●	●	●						
	1.0	3.8	4.2	8	3	0.3	5	●	●	●	●	●				
	1.2	3.8	4.2	8	3	0.3	5		●	●	●	●				
	1.0	4.5	5	10	3	0.3	5		●	●	●	●				
	1.2	4.5	5	10	3	0.3	5		●	●	●	●				
	1.5	4.5	5	10	3	0.3	5		●	●	●	●				
	1.0	5.5	6	12	5	0.5	5		●	●	●	●				
	1.2	5.5	6	12	5	0.5	5		●	●	●	●				
	1.5	5.5	6	12	5	0.5	5			●	●	●	●			
	2.0	5.5	6	12	5	0.5	5				●	●	●			
	1.2	7.5	8	14	5	0.5	5			●	●	●	●			
	1.5	7.5	8	14	5	0.5	5				●	●	●	●		
	2.0	7.5	8	14	5	0.5	5					●	●	●	●	
	1.5	9.5	10	16	5	0.5	5					●	●	●	●	
	2.0	9.5	10	16	5	0.5	5						●	●	●	●
	2.0	11.5	12	20	7	0.8	5						●	●	●	●
	2.5	11.5	12	20	7	0.8	10						●	●	●	●
	2.0	15.5	16	22	7	0.8	10						●	●	●	●
	2.5	15.5	16	22	7	0.8	10						●	●	●	●

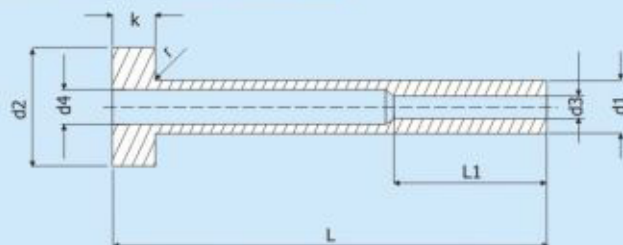
• Available against order only

Ordering Example: Code - d1*L1 / L2 (a*b) - Quantity
VFHS - 4*80 / 40 (1.0*3.5) - 20 pieces



Ejector Sleeves DIN - 16756

Raw Material:
Through Hardened
& Ground Steel
Hardness:
Through Hardened
up to 52±2 HRC



(Recommended for plastic moulds)

Code	d1 g6	d3 h5	d2 -0.2	k -0.05	d4 -0.1	L1	r	L + 1										
								60	75	100	125	150	175	200	225	250	275	300
VSTH	3	1.5	6	3	1.8	25	0.3	•	•	✓	✓	✓	•	✓	•	✓	•	•
		1.6			2			•	•	•	•	•	•	•	•	•	•	
	4	2	8		2.4	35		•	•	✓	✓	✓	•	✓	•	✓	•	•
		2.2			2.5			•	•	•	•	•	•	•	•	•	•	
	5	2.5	10		3	•		•	✓	✓	✓	•	✓	•	✓	•	•	
		2.7				•		•	•	•	•	•	•	•	•	•		
		3			3.5	•		•	✓	✓	✓	•	✓	•	✓	•	•	
		3.2				•		•	•	•	•	•	•	•	•	•		
	6	3.5	12	5	4	0.5	•	•	•	•	•	•	•	•	•	•		
		3.7					•	•	•	•	•	•	•	•	•	•		
		4			4.5		•	•	✓	✓	✓	•	✓	•	✓	•	•	
	8	4.2	14		5		•	•	•	•	•	•	•	•	•	•	•	
		5					•	•	✓	✓	✓	•	✓	•	•	•		
		5.2			5.5		•	•	•	•	•	•	•	•	•	•		
	10	6	16		6.5		•	•	✓	✓	✓	•	✓	•	✓	•	•	
		6.2					•	•	•	•	•	•	•	•	•	•	•	
	12	8	20	7	8.5	0.8	•	•	•	•	•	•	•	•	•	•	•	
		8.2					•	•	•	•	•	•	•	•	•	•	•	
	14	10	22		10.5		•	•	•	•	•	•	•	•	•	•	•	
		12			12.5		•	•	•	•	•	•	•	•	•	•		

✓ - Ex-stock • - Against Order

Sleeves can be made upto 1500 mm long

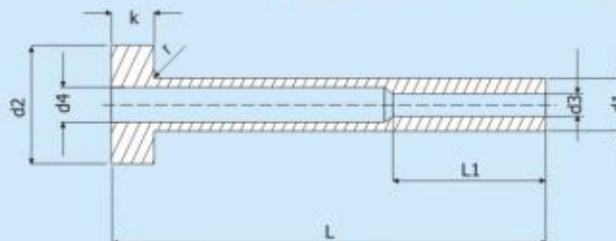
Any other diameter and length available as per customers requirement (Ref. drawings Page # 16)

Ordering Example: Code - d1*d3*L - Quantity

VSTH - 3*1.5*125 - 10 pieces

Raw Material:
Hot Die Steel
(H-11 / H-13)
Hardness:
Surface Nitrided
to 60-62 HRC
Core: 45-50 HRC

Ejector Sleeves DIN - 16756



(Recommended for high temperature moulds and die casting dies)

Code	d1 g6	d3 h5	d2 -0.2	k -0.05	d4 -0.1	L1	r	L +1											
								60	75	100	125	150	175	200	225	250	275	300	
VSHS	3	1.5	6	3	1.8	25	0.3	•	•	✓	✓	✓	•	✓	•	✓	•	•	
		1.6			2			•	•	•	•	•	•	•	•	•	•		
	4	2	8		2.4	35		•	•	✓	✓	✓	•	✓	•	✓	•	•	
		2.2			2.5			•	•	•	•	•	•	•	•	•	•		
	5	2.5	10		3	•		•	✓	✓	✓	•	✓	•	✓	•	•	•	
		2.7				•		•	•	•	•	•	•	•	•	•	•		
		3			3.5	•		•	✓	✓	✓	•	✓	•	✓	•	•	•	
		3.2				•		•	•	•	•	•	•	•	•	•	•		
	6	3.5	12	5	4	0.5	•	•	•	•	•	•	•	•	•	•	•		
		3.7					•	•	•	•	•	•	•	•	•	•	•		
		4			4.5		•	•	✓	✓	✓	•	✓	•	✓	•	•		
	8	4.2	14		5		•	•	•	•	•	•	•	•	•	•	•	•	
		5					•	•	✓	✓	✓	•	✓	•	✓	•	•		
		5.2			5.5		•	•	•	•	•	•	•	•	•	•	•		
	10	6	16		6.5		•	•	✓	✓	✓	•	✓	•	✓	•	•	•	
		6.2					•	•	•	•	•	•	•	•	•	•	•		
	12	8	20	7	8.5	50	0.8	•	•	•	•	•	•	•	•	•	•	•	
		8.2						•	•	•	•	•	•	•	•	•	•	•	
	14	10	22		10.5			•	•	•	•	•	•	•	•	•	•	•	•
		12			12.5			•	•	•	•	•	•	•	•	•	•	•	

✓ - Ex-stock • - Against Order

Sleeves can be made upto 1500 mm long

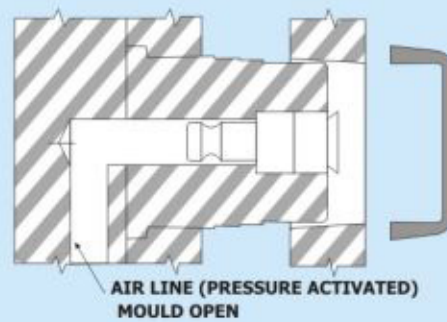
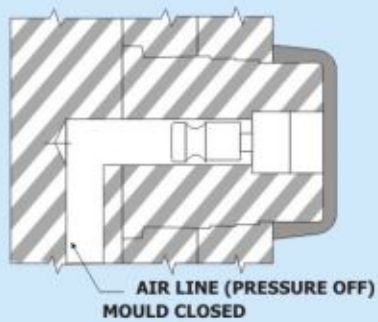
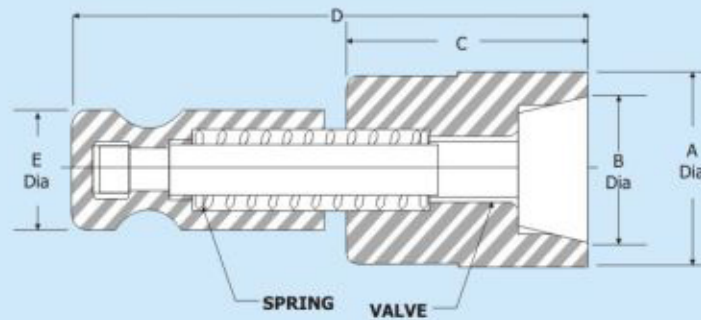
Any other diameter and length available as per customers requirements (Ref. drawings Page # 16)

Ordering Example: Code - d1*d3*L - Quantity

VSHS - 3*1.5*125 - 10 pieces

Raw material:
SUS- 420
Hardness:
47 - 52 HRC

Air Ejector Pin (Type A)



Code	Diameter A	Diameter B (approx)	C Body Length	D Overall Length	Diameter E
VMA AE 01	8	6.6	11	24	6
VMA AE 02	10	7.5	11	24	6
VMA AE 03	12	9.7	18	34	8
VMA AE 04	16	13	20	38	8
VMA AE 05	18	14.9	22	46	12
VMA AE 06	20	16	26	50	12
VMA AE 07	25	20	26	50	12

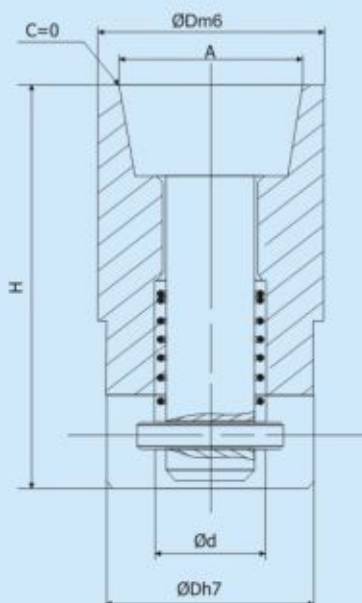
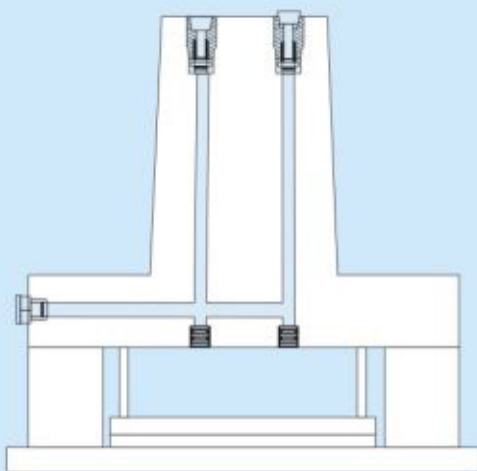
Available Ex-stock

Ordering Example: Code - Quantity
VMA AE 02 - 20 pieces



Air Ejector Pin (Type B)

Raw material:
SUS- 420
Hardness:
47 - 52 HRC



Code	D	H	d	A
VMB AE 01	6	12	4.2	4.5
VMB AE 02	8	15	4.5	6
VMB AE 03	10	20	7.0	7.5
VMB AE 04	12	25	7.7	9.0
VMB AE 05	16	30	10.3	12.0
VMB AE 06	18	35	12.0	14.0
VMB AE 07	20	35	12.9	15.0
VMB AE 08	25	45	14.9	20.0
VMB AE 09	30	45	18.0	25.0

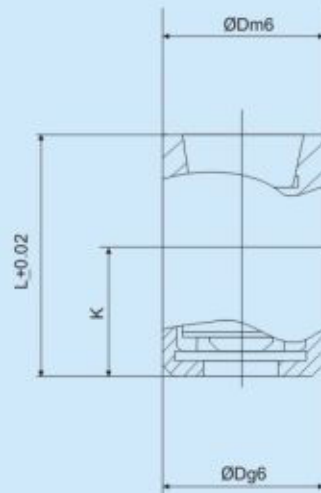
- These air ejector pins are used to eject plastic products without any hole on its wall
- Air pressure is uniformly released from the pin which helps the product to eject easily from the mould
- Use soft metal or polyurethane hammer to fit the pin in the mould

Available Ex-stock

Ordering Example: Code - Quantity
VMB AE 02 - 10 pieces

Raw material:
SUS- 420
Hardness:
47 - 52 HRC

Air Ejector Pin (Type C)



- C- type air ejector pins are made from stainless steel specially for the moulding of thin and small plastic parts
- It can provide the air pressure ranging from 1.5 to 6 bars

Code	ØDm6		ØDg6		L	K
VMC AE 01	5	+0.012	5	-0.004	12	7
VMC AE 02	6	+0.004	6	-0.012		
VMC AE 03	8	+0.015	8	-0.005		
VMC AE 04	10	+0.006	10	-0.014		
VMC AE 05	12	+0.018	12	-0.006	20	12
VMC AE 06	16	+0.007	16	-0.017		
VMC AE 07	20	+0.021	20	-0.007		
		+0.008		-0.020		

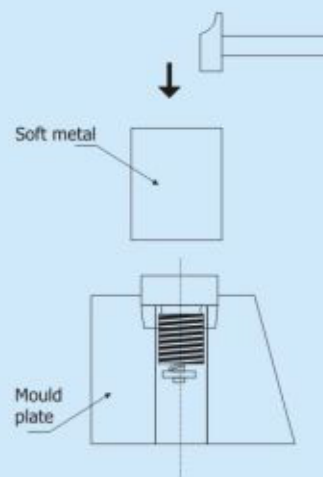
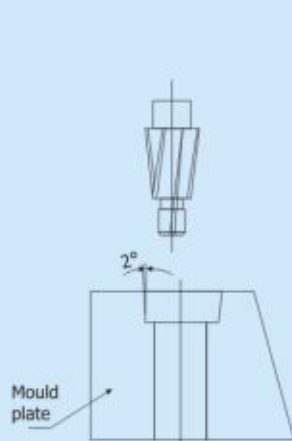
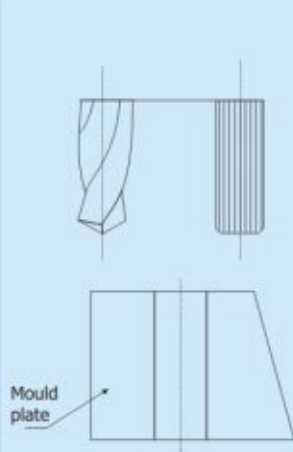
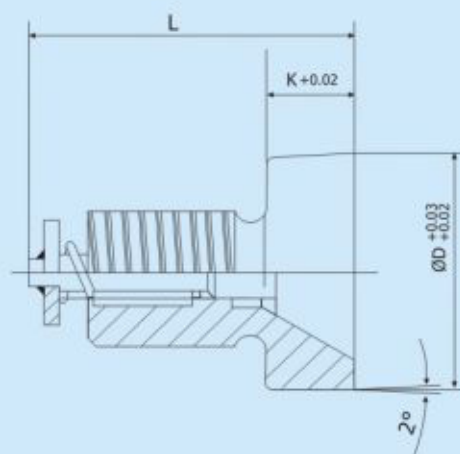
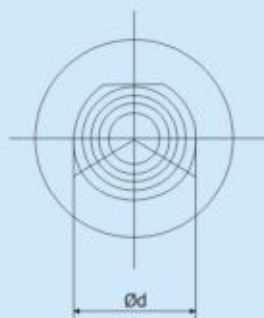
Available Ex-stock

Ordering Example: Code - Quantity
VMC AE 02 - 10 pieces



Air Ejector Pin (Type D)

Raw material:
Beryllium Copper
SUS- 420
Hardness:
47 - 52 HRC



Code	$\text{ØD}^{+0.03}_{+0.02}$	$K^{+0.02}$	L	Ød
VMD AE 01	8	5.0	16	6.0
VMD AE 02	12	5.0	21	8.0
VMD AE 03	16	6.0	22	10.0

Available Against Order

Ordering Example: Code - Quantity
VMD AE 03 - 10 pieces