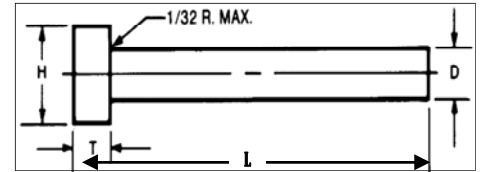
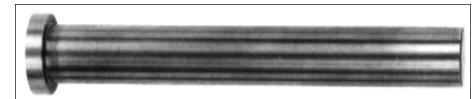


**TEVAC RETURN PINS
NITRIDED**

Tevac's Return Pins are made to the same exacting standards as Tevac's Ejector Pins. The body of the pins are nitrided to a hardness of 65-80 Rc and polished to a surface finish of 4-5 micron.



D=1/2"

Part No.	L
RP-050-1	3-9/16
RP-050-2	4-1/16
RP-050-3	4-9/16
RP-050-4	5-1/16
RP-050-5	5-9/16
RP-050-6	6-1/16
RP-050-7	6-9/16

D=5/8"

Part No.	L
RP-062-1	4-1/16
RP-062-2	4-9/16
RP-062-3	5-1/16
RP-062-4	5-9/16
RP-062-5	6-1/16
RP-062-6	6-9/16
RP-062-7	7-1/16
RP-062-8	7-9/16
RP-062-9	8-1/16

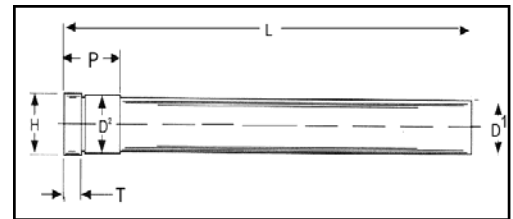
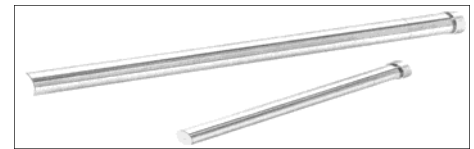
D=3/4"

Part No.	L
RP-075-1	4-15/16
RP-075-2	5-7/16
RP-075-3	5-15/16
RP-075-4	6-7/16
RP-075-5	6-15/16
RP-075-6	7-7/16
RP-075-7	7-15/16
RP-075-8	8-7/16
RP-075-9	8-15/16
RP-075-10	9-7/16

TOLERANCES	
PIN DIAMETER (D)	+0.000 -0.001
HEAD DIAMETER (H)	
1/2" PINS=3/4"	+0.000
5/8" PINS=7/8"	-0.010
3/4" PINS=1"	
HEAD THICKNESS (T)	+0.000 (1/4) -0.002
LENGTH (L)	+0.013 +0.008

TEVAC'S Angle Pins are manufactured from H-13 steel. Heat treated, ground, nitrided and polished, with a surface finish of 4-5 micron. The body of the pins has a surface hardness of 65-80 RC and a core hardness of 35-40 RC.

TEVAC ANGLE PINS



Part No.	Dia.	L	P
AP-37-L06	3/8	6"	.875
AP-37-L10	3/8	10"	1.375
AP-50-L06	1/2	6"	.875
AP-50-L10	1/2	10"	1.375
AP-62-L06	5/8	6"	.875
AP-62-L10	5/8	10"	1.375
AP-75-L10	3/4	10"	1.375

TOLERANCES	
PIN DIAMETER (D ¹)	+0.0000 -0.0005
PRESS FIT PIN DIAMETER (D ²)	+0.0005 -0.0000
HEAD DIAMETER (H)	+0.000 -0.010
HEAD THICKNESS (T)	+0.000 -0.005
LENGTH (L)	+0.012 -0.00
PRESS FIT LENGTH (P)	+0.00 -0.06

Nom. Diameter	D ¹	D ²	H	T
3/8	.374	.376	.49	.25
1/2	.499	.501	.61	.25
5/8	.624	.626	.74	.25
3/4	.749	.751	.86	.25

- Tevac's Air Ejectors are designed to assist in breaking the vacuum created during ejection of deep molded parts.
- At the moment that separation is to be assisted, air is directed to the Ejector, forcing it to open and thus helping to release the part.
- Ideal for ejection of parts such as garbage can, flower pots, buckets and other deep molded items.
- The valve and body are made of hardened stainless steel 40-44 Rc.
- Oversize units are available.
- 60-85 PSI Recommended.

TEVAC AIR EJECTORS



Stainless Steel Spring
Stainless Steel Roll Pin

PART NUMBER	NOM. DIA.	B ±.005	C ±.010	D1 +.0003	J	L +.002
AE-025	1/4"	.215	.06	.2504	3/16"	.375
AE-037	3/8"	.325	.07	.3754	9/32"	.375
AE-050	1/2"	.437	.10	.5005	3/8"	.500
AE-062	5/8"	.562	.13	.6255	7/16"	.625
AE-075	3/4"	.656	.15	.7505	9/16"	.750
AE-100	1"	.875	.20	1.0006	3/4"	1.000
AE-150	1-1/2"	1.312	.30	1.5006	1"	1.500

