

Stainless Steel P-Pins



Developed for a wide range of applications, DME Stainless Steel pins should be used whenever a tool is likely to be exposed to humid warm environments, where the processing of corrosive plastics is planned and, in any clean room environments such as medical and packaging where a stainless steel tool is required.

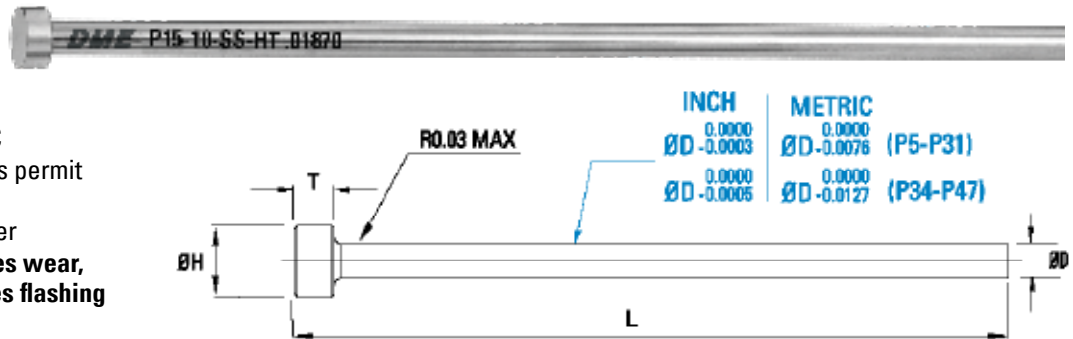
Materials like PVC, PC and other corrosive resins are prone to outgas and can attack the metal surface of the tool. By using stainless steel mold bases and components erosion can be avoided reducing possible contamination and extending the lifetime of the tool. The DME Stainless Steel P-Pin is made from a high performance grade of 440C stainless steel, known for its high quality and, is the same steel used in long lasting ball bearings. To further improve wear resistance and lubricity for maximum lifetime performance the DME Stainless Steel pins are all nitride coated to the highest standard.



Made for the Medical and Packaging Industries.

Features & Benefits

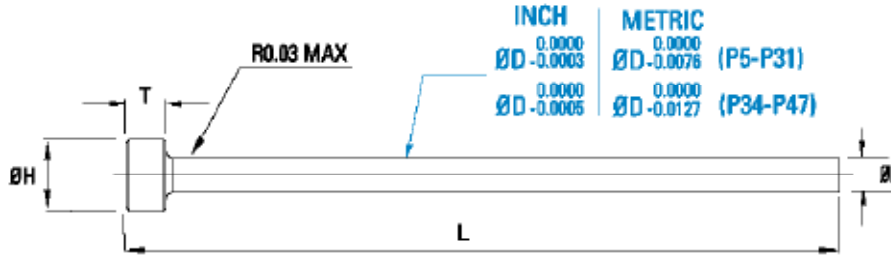
- 440C Stainless Steel
- Core hardness 52-55 HRC
- Surface hardness 68-72 HRC
- Annealed and finished heads permit **easy machining**
- Centerless ground D diameter
- Silver Nitride finish **minimizes wear, prolongs pin life and reduces flashing**



INCH

NOM. DIA.	ØD DIAMETER		ØD TOLERANCE		ØH HEAD DIA		K HEAD THICKNESS		L - OVERALL LENGTH (+.038/- .000) INCH / (+9.65/- .00) MM				
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL 0.000/-0.010	METRIC 0.00/0.25	IMPERIAL 0.000/-0.002	METRIC 0.00/0.25	6.00 INCH / 152.4 MM	10.00 INCH / 254 MM	14.00 INCH / 355.6 MM	18.00 INCH / 457.2 MM	
3/32	0.0933	2.370	0.0000 -0.0003	0.0000 -0.0076	0.250	6.350	0.125	3.175		P7-10SSHT			
1/8	0.1245	3.162			0.250	6.350				P9-10SSHT	P9-14SSHT		
5/32	0.1557	3.955			0.281	7.137	0.156	3.962		P11-10SSHT	P11-14SSHT		
3/16	0.1870	4.750			0.375	9.525				P13-10SSHT	P13-14SSHT		
7/32	0.2183	5.545			0.406	10.312	0.187	4.750		P15-10SSHT	P15-14SSHT		
1/4	0.2495	6.337			0.437	11.100				P17-10SSHT	P17-14SSHT		
9/32	0.2807	7.130			0.437	11.100	0.250	6.350		P19-10SSHT	P19-14SSHT		
5/16	0.3120	7.925			0.500	12.700				P21-10SSHT	P21-14SSHT		
11/32	0.3433	8.720			0.562	14.275				P23-10SSHT	P23-14SSHT		
3/8	0.3745	9.512			0.625	15.875				P25-10SSHT	P25-14SSHT	P25-18SSHT	
13/32	0.4057	10.305			0.687	17.450					P27-14SSHT	P27-18SSHT	
7/16	0.4370	11.100			0.687	17.450					P29-14SSHT	P29-18SSHT	
15/32	0.4683	11.895			0.750	19.050					P31-14SSHT	P31-18SSHT	
1/2	0.4995	12.687			0.750	19.050					P33-14SSHT	P33-18SSHT	
9/16	0.5620	14.275	0.0000 -0.0005	0.0000 -0.0127	0.812	20.625					P35-14SSHT	P35-18SSHT	
5/8	0.6545	16.624			0.875	22.225					P37-14SSHT	P37-18SSHT	
3/4	0.7495	19.037			1.000	25.400			P41-14SSHT	P41-18SSHT			

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INCH		METRIC	
$\frac{0.0000}{\text{ØD}-0.0003}$	$\frac{0.0000}{\text{ØD}-0.0076}$	$\frac{0.0000}{\text{ØD}-0.0076}$	(P5-P31)
$\frac{0.0000}{\text{ØD}-0.0005}$	$\frac{0.0000}{\text{ØD}-0.0127}$	$\frac{0.0000}{\text{ØD}-0.0127}$	(P34-P47)

METRIC

NOM. DIA	ØD DIAMETER g6 TOLERANCE		Ø H HEAD DIA		K HEAD THICKNESS		R RADIUS		L - OVERALL LENGTH (+2.0/-0.0) MM / (+0.0787/-0.000) INCH			
	METRIC	INCH	METRIC +0.00/-0.20	INCH +0.000/-0.008	METRIC +0.00/-0.05	INCH +0.000/-0.002	METRIC +0.2/-0.0	INCH +.008/-0.000	200MM / 7.8740 INCH	250MM / 9.8425 INCH	315MM / 12.4016 INCH	400MM / 15.748 INCH
1.50	1.50	0.0591	3	0.118	1.5	0.0591	0.2	0.0079	EJP-015-0200SSHT			
2.00	2.00	0.0787	4	0.1575	2	0.0787	0.2	0.0079	EJP-020-0200SSHT			
2.50	2.50	0.0984	5	0.1969	2	0.0787	0.3	0.0118	EJP-025-0200SSHT			
3.00	3.00	0.1181	6	0.2362	3	0.1181	0.3	0.0118		EJP-030-0250SSHT	EJP-030-0315SSHT	
3.50	3.50	0.1378	7	0.2756	3	0.1181	0.3	0.0118		EJP-035-0250SSHT	EJP-035-0315SSHT	
4.00	4.00	0.1575	8	0.3150	3	0.1181	0.3	0.0118		EJP-040-0250SSHT	EJP-040-0315SSHT	
4.50	4.50	0.1772	8	0.3150	3	0.1181	0.3	0.0118		EJP-045-0250SSHT	EJP-045-0315SSHT	
5.00	5.00	0.1969	10	0.3937	3	0.1181	0.3	0.0118		EJP-050-0250SSHT	EJP-050-0315SSHT	
6.00	6.00	0.2362	12	0.4724	5	0.1969	0.5	0.0197		EJP-060-0250SSHT	EJP-060-0315SSHT	
7.00	7.00	0.2756	12	0.4724	5	0.1969	0.5	0.0197		EJP-070-0250SSHT	EJP-070-0315SSHT	
8.00	8.00	0.3150	14	0.5512	5	0.1969	0.5	0.0197		EJP-080-0250SSHT	EJP-080-0315SSHT	
9.00	9.00	0.3543	14	0.5512	5	0.1969	0.5	0.0197		EJP-090-0250SSHT	EJP-090-0315SSHT	
10.00	10.00	0.3937	16	0.6299	5	0.1969	0.5	0.0197			EJP-100-0315SSHT	EJP-100-0400SSHT
10.50	10.50	0.4134	16	0.6299	5	0.1969	0.5	0.0197			EJP-105-0315SSHT	EJP-105-0400SSHT
11.00	11.00	0.4331	16	0.6299	5	0.1969	0.5	0.0197			EJP-110-0315SSHT	EJP-110-0400SSHT
12.00	12.00	0.4724	18	0.7087	7	0.2756	0.8	0.0315			EJP-120-0315SSHT	EJP-120-0400SSHT
12.50	12.50	0.4921	18	0.7087	7	0.2756	0.8	0.0315			EJP-125-0315SSHT	EJP-125-0400SSHT
14.00	14.00	0.5512	22	0.8661	7	0.2756	0.8	0.0315			EJP-140-0315SSHT	EJP-140-0400SSHT
16.00	16.00	0.6299	22	0.8661	7	0.2756	0.8	0.0315			EJP-160-0315SSHT	EJP-160-0400SSHT
20.00	20.00	0.7874	26	1.0236	8	0.3150	1.0	0.0394			EJP-200-0315SSHT	EJP-200-0400SSHT



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