

Hardened Throughout™ Pins



PCS Company Hardened Throughout™ Ejector Pins **The Industry standard for over 45 years**

PCS Company has manufactured well over 15 million trademarked Hardened Throughout™ Ejector Pins. All PCS Hardened Throughout™ Ejector Pins are manufactured in Fraser, MI. in the only ejector pin manufacturing plant in the United States.

Utilizing a proprietary heat treat process developed specifically to reduce chipping, PCS Hardened Throughout™ Ejector Pins make form and contour work easier, while preventing flash and resin waste. Made to exacting tolerances, when you need a high quality, long lasting ejector pin with superior wear resistance, nothing beats a PCS Hardened Throughout™ Ejector Pin. If you don't see the laser etched PCS logo it is not a Hardened Throughout™ Ejector Pin.

Features:

- Surface hardness is 62-65 Rc
- Core hardness is 50-52 Rc
- Precision ground to 4-10 micro-inch finish
- Manufactured from premium hotwork steel
- Proprietary heat treat process

Benefits:

- Reduces "dishing" effect
- Superior wear resistance
- Off the shelf availability

We offer Hardened Throughout™:

- Ejector Pins
- Ejector Pins with Armorclad Coating
- D-Headed Pins
- D-Headed Pins with Armorclad Coating
- Step Pins
- Step Pins with Armorclad Coating

Made in the U.S.A.

Pin Tolerance Chart

Part#	Nominal Pin Dia.	Std. Pin Size	.005 OS Pin Size	Pin Tolerance	Head Dia.	Head Dia. Tolerance	Head Thickness	Head Thickness Tolerance
P3	1/32	.0307	.0357	+.0000/-.0003	1/8	+.000/-0.010	1/8	+.000/-0.002
P4	3/64	.0464	.0514	+.0000/-.0003	5/32	+.000/-0.010	1/8	+.000/-0.002
P5	1/16	.0620	.0670	+.0000/-.0003	3/16	+.000/-0.010	1/8	+.000/-0.002
P6	5/64	.0776	.0826	+.0000/-.0003	13/64	+.000/-0.010	1/8	+.000/-0.002
P7	3/32	.0933	.0983	+.0000/-.0003	7/32	+.000/-0.010	1/8	+.000/-0.002
P8	7/64	.1089	.1139	+.0000/-.0003	15/64	+.000/-0.010	1/8	+.000/-0.002
P9	1/8	.1245	.1295	+.0000/-.0003	1/4	+.000/-0.010	1/8	+.000/-0.002
P10	9/64	.1401	.1451	+.0000/-.0003	1/4	+.000/-0.010	1/8	+.000/-0.002
P11	5/32	.1557	.1607	+.0000/-.0003	9/32	+.000/-0.010	5/32	+.000/-0.002
P12	11/64	.1714	.1764	+.0000/-.0003	11/32	+.000/-0.010	3/16	+.000/-0.002
P13	3/16	.1870	.1920	+.0000/-.0003	3/8	+.000/-0.010	3/16	+.000/-0.002
P14	13/64	.2026	.2076	+.0000/-.0003	3/8	+.000/-0.010	3/16	+.000/-0.002
P15	7/32	.2183	.2233	+.0000/-.0003	13/32	+.000/-0.010	3/16	+.000/-0.002
P16	15/64	.2339	.2389	+.0000/-.0003	13/32	+.000/-0.010	3/16	+.000/-0.002
P17	1/4	.2495	.2545	+.0000/-.0003	7/16	+.000/-0.010	3/16	+.000/-0.002
P18	17/64	.2651	.2701	+.0000/-.0003	7/16	+.000/-0.010	1/4	+.000/-0.002
P19	9/32	.2807	.2857	+.0000/-.0003	7/16	+.000/-0.010	1/4	+.000/-0.002
P20	19/64	.2964	.3014	+.0000/-.0003	1/2	+.000/-0.010	1/4	+.000/-0.002
P21	5/16	.3120	.3170	+.0000/-.0003	1/2	+.000/-0.010	1/4	+.000/-0.002
P22	21/64	.3276	.3326	+.0000/-.0003	9/16	+.000/-0.010	1/4	+.000/-0.002
P23	11/32	.3433	.3483	+.0000/-.0003	9/16	+.000/-0.010	1/4	+.000/-0.002
P24	23/64	.3589	.3639	+.0000/-.0003	5/8	+.000/-0.010	1/4	+.000/-0.002
P25	3/8	.3745	.3795	+.0000/-.0003	5/8	+.000/-0.010	1/4	+.000/-0.002
P26	25/64	.3901	.3951	+.0000/-.0003	37/64	+.000/-0.010	1/4	+.000/-0.002
P27	13/32	.4057	.4107	+.0000/-.0003	11/16	+.000/-0.010	1/4	+.000/-0.002
P28	27/64	.4214	.4260	+.0000/-.0003	11/16	+.000/-0.010	1/4	+.000/-0.002
P29	7/16	.4370	.4420	+.0000/-.0003	11/16	+.000/-0.010	1/4	+.000/-0.002
P30	29/64	.4526	.4576	+.0000/-.0003	45/64	+.000/-0.010	1/4	+.000/-0.002
P31	15/32	.4683	.4733	+.0000/-.0003	3/4	+.000/-0.010	1/4	+.000/-0.002
P32	31/64	.4839	.4889	+.0000/-.0003	3/4	+.000/-0.010	1/4	+.000/-0.002
P33	1/2	.4995	.5045	+.0000/-.0003	3/4	+.000/-0.010	1/4	+.000/-0.002
P34	17/32	.5307	.5357	+.0000/-.0005	25/32	+.000/-0.010	1/4	+.000/-0.002
P35	9/16	.5620	.5670	+.0000/-.0005	13/16	+.000/-0.010	1/4	+.000/-0.002
P37	5/8	.6245	.6295	+.0000/-.0005	7/8	+.000/-0.010	1/4	+.000/-0.002
P39	11/16	.6870	.6920	+.0000/-.0005	15/16	+.000/-0.010	1/4	+.000/-0.002
P41	3/4	.7495	.7545	+.0000/-.0005	1	+.000/-0.010	1/4	+.000/-0.002
P45	7/8	.8745	.8795	+.0000/-.0005	1-1/8	+.000/-0.010	1/4	+.000/-0.002
P47	1	.9995	1.0045	+.0000/-.0005	1-1/4	+.000/-0.010	1/4	+.000/-0.002