

# Pin and Sleeve Comparison Chart

While most of the information below is detailed on the individual pages to follow, it is provided here as a quick comparative reference.

DESCRIPTION	PAGE	DIAMETER	MATERIAL	HARDNESS	BODY CONDITION	HEAD CONDITION
EX Ejector Pins EX2 (1/32) through EX8 (7/64)	4	+0.000 -0.001	H13	Surface 65-74 HRc Core 35-43 HRc	Nitrided Minimum .001 deep	Annealed
EX Ejector Pins EX9 (1/8) through EX32 (31/64) lengths – 6" through 18"	3	-0.0003 -0.0006	H13	Surface 65-74 HRc Core 35-43 HRc	Nitrided Minimum .001 deep	Annealed
EX Ejector Pins EX9 (1/8) through EX32 (31/64) lengths – 25" through 36"	3	-0.0003 -0.0008	H13	Surface 65-74 HRc Core 35-43 HRc	Nitrided Minimum .001 deep	Annealed
EX Ejector Pins EX33 (1/2) through EX47 (1")	3	-0.0003 -0.0008	H13	Surface 65-74 HRc Core 35-40 HRc	Nitrided Minimum .001 deep	Annealed
THX Ejector Pins THX03 (3/64) through THX08 (7/64)	5	+0.000 -0.001	H13	Surface 65-74 HRc Core 50-55 HRc	Nitrided Minimum .001 deep	Annealed
THX Ejector Pins THX09 (1/8) through THX32 (31/64) lengths – 6" through 18"	5	-0.0003 -0.0006	H13	Surface 65-74 HRc Core 50-55 HRc	Nitrided Minimum .001 deep	Annealed
THX Ejector Pins THX33 (1/2) through THX47 (1")	5	-0.0003 -0.0008	H13	Surface 65-74 HRc Core 50-55 HRc	Nitrided Minimum .001 deep	Annealed
CT Close Tolerance Ejector Pins CT5 (1/16) through CT11 (5/32)	6	-0.0005 -0.0008	H13	Core 50-55 HRc		Annealed
S Ejector Sleeves	7	+0.000 O.D. -0.001 +0.0005 I.D. -0.0000	H13	O.D. 65-74 HRc I.D. 30-35 HRc	Nitrided O.D. Minimum .001 deep	Annealed
SND Nitrided I.D. Ejector Sleeves	8	+0.000 O.D. -0.001 +0.0005 I.D. -0.0000	H13	O.D. 65-74 HRc I.D. 65-74 HRc	Nitrided O.D. & I.D. Minimum .001 deep	Annealed
C Core Pins	9	+0.001 -0.000	H13	30-35 HRC	Through Hardened	3" length – Hard 6"-14" lengths – Annealed
CX High Hardness Core Pins	10	+0.001 -0.000	H13	50-55 HRc	Through Hardened	3" length – Hard 6"-14" lengths – Annealed
PCL Performance High Conductivity Core Pins	11, 12	+0.001 -0.000	Moldstar 150® (C18000)	95-98B (20-25 HRc)	not applicable	not applicable
Return Pins	13	+0.000 -0.001	H13	Surface 65-74 HRc Core 30-35 HRc	Nitrided Minimum .001 deep	not applicable
Sprue Puller Pins	14	+0.000 -0.001	H13	Surface 65-74 HRc Core 35-43 HRc	Nitrided Minimum .001 deep	Annealed