



**M-2 EJECTOR/CORE PINS**

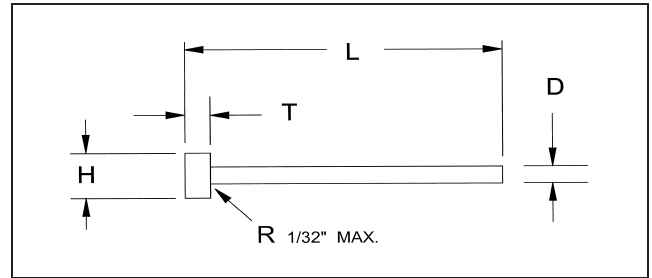
MATERIAL : M-2 HIGH SPEED STEEL  
THROUGH-HARDENED TO 60-63 RC

HEADS DRAWN TO 40-55 RC (PT-11 THROUGH PT-17)

Royal TRUE-HARD™ Ejector/Core Pins are made from superior quality, wear resistant M-2 high speed steel, through hardened and double tempered to 60-63 RC in our specially developed vacuum heat treating equipment which is computer regulated to produce maximum toughness and durability. The diameters are precision ground after hardening to insure the high accuracy and finish.

**STRAIGHT STYLE**

STANDARD FRACTIONAL AND .0001" INCREMENT DIAMETERS



TOLERANCES				
D		H	T	L
PT -.0005"	+.0000"	+.000"	+.000"	+.375"
PTD -.0008"	-.0003"	-.010"	-.002"	-.000"

HOW TO ORDER : EXAMPLES			
Qty.	Cat. No.	Length	D (If PTD)
12	PT-9	L-8	
36	PTD-5	L-6	D= .0595

PT TYPE STANDARD FRACTIONAL DIAMETERS 12 PINS PER PACKAGE										PTD TYPE NON-STANDARD DECIMAL DIAMETERS .0001" INCREMENTS															
D		H	T	CAT. NO.	L-6"	L-8"	D		H	T	CAT. NO.	L-6"					L-8"								
NOM. PIN DIA.	ACTUAL PIN DIA.	HD. DIA.	HD. TK.		STD. DIA.	STD. DIA.	DIAMETER RANGE	HD. DIA.	HD. THK.	NET PRICE EACH PER QUANTITY (US\$)		NET PRICE EACH PER QUANTITY (US\$)	50-99	25-49	10-24	5-9	1-4	50-99	25-49	10-24	5-9	1-4			
1/32"	.0308" .0305"	1/4	1/8	PT-2	9.52	Q	UNDER .0312"	1/4	1/8	PTD-2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q				
3/64"	.0464" .0461"			PT-3	6.04	Q	.0313" - .0469"			PTD-3	8.26	9.91	14.31	16.74	20.38	Q	Q	Q	Q	Q	Q	Q	Q		
1/16"	.0620" .0617"			PT-5	5.21	9.65	.0470"- .0625"			PTD-5	7.60	9.25	13.51	15.96	19.59	13.22	14.88	19.90	25.96	38.08					
5/64"	.0776" .0773"			PT-6	5.21	9.65	.0626"- .0781"			PTD-6	7.60	9.25	13.51	15.96	19.59	13.22	14.88	19.90	25.96	38.08					
3/32"	.0933" .0930"			PT-7	4.82	7.62	.0782"- .0938"			PTD-7	7.16	8.81	13.10	15.53	19.16	11.35	13.00	17.83	23.90	36.03					
7/64"	.1089" .1086"			PT-8	4.82	7.62	.0939"- .1094"			PTD-8	7.16	8.81	13.10	15.53	19.16	11.35	13.00	17.83	23.90	36.03					
1/8"	.1245" .1242"			PT-9	3.27	5.13	.1095"- .1250"			PTD-9	5.45	7.11	11.16	13.59	17.23	8.93	10.57	15.16	21.23	33.36					
9/64"	.1401" .1398"			PT-10	3.38	5.44	.1251"- .1406"			PTD-10	5.45	7.11	11.22	13.65	17.29	8.98	10.64	15.23	21.29	33.42					
5/32"	.1558" .1555"			9/32	5/32	PT-11	3.38			6.34	.1407"- .1562"	9/32	5/32	PTD-11	5.45	7.11	11.22	13.65	17.29	8.98	10.64	15.23	21.29	33.42	
11/64"	.1714" .1711"			11/32	3/16	PT-12	4.44			6.34	.1563"- .1719"	11/32	3/16	PTD-12	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76	
3/16"	.1870" .1867"	3/8	3/16	PT-13	4.44	6.34	.1720"- .1875"	3/8	3/16	PTD-13	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76					
13/64"	.2026" .2023"	3/8	3/16	PT-14	4.44	6.34	.1876"- .2031"	3/8	3/16	PTD-14	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76					
7/32"	.2183" .2180"	13/32	3/16	PT-15	4.44	6.34	.2032"- .2187"	13/32	3/16	PTD-15	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76					
15/64"	.2339" .2336"	13/32	3/16	PT-16	4.44	6.34	.2188"- .2343"	13/32	3/16	PTD-16	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76					
1/4"	.2495" .2492"	7/16	3/16	PT-17	4.44	6.34	.2344"- .2500"	7/16	3/16	PTD-17	6.89	8.54	12.74	15.16	18.81	10.20	11.84	16.57	22.63	34.76					

QUANTITY DISCOUNTS		
ONE SHIPMENT AND ONE DESTINATION		
APPLY TO PT ONLY AND ARE COMBINABLE WITH RHX, RX, RC, RCX, ME AND MPT EJECTOR AND CORE PINS		
300 Pieces (ONE SIZE).... Less 5%	500 Pieces (CUMULATIVE) ... Less 5%	1200 PCS. (CUMULATIVE)... Less 7%

**Q = Price Per Quotation**

Please see PAGE 1 for a complete list of modifications that are available for any of the ROYAL Family of Pins and Punches