PT AND PTD *TRUE-HARD*™ SERIES

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)

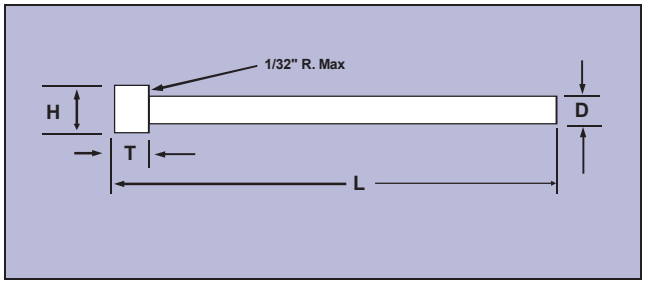
Royal **TRUE-HARD** ™Ejector/Core Pins are made from superior quality, wear resistant M-2 high speed steel, through hardened and double tempered to 60-63 RC in our specially developed vacuum heat treating equipment which is computer regulated to produce maximum toughness and durability. The diameters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

Royal

TIGHTEST TOLERANCE IN THE INDUSTRY (.0003")

STRAIGHT STYLE

STANDARD FRACTIONAL AND .0001" INCREMENT DIAMETERS



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

ML MODIFY LENGTH ADD TO BASE PRICE

D -.0005" -.0008"		H	T	CAT. NO.	L-6"	L-8"	D +.0000" -.0003"	H	T	CAT. NO.	L-6"					L-8"					ML
											NET PRICE EACH PER QUANTITY (US $)					NET PRICE EACH PER QUANTITY (US $)					
NOM. PIN DIA.	ACTUAL PIN DIA.	HD. DIA.	HD. TK.		STD. DIA.	STD. DIA.	DIAMETER RANGE	HD. DIA.	HD. THK.		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	8.63	Q	UNDER .0312"	1/4	1/8	PTD-2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	$0.95 EACH OR $50.00 MIN.
3/64"	.0464" .0461"			PT-3	5.47	Q	.0313" - .0469"			PTD-3	7.49	8.99	12.98	15.18	18.48	Q	Q	Q	Q	Q	
1/16"	.0620" .0617"			PT-5	4.72	8.75	.0470"- .0625"			PTD-5	6.89	8.39	12.27	14.47	17.77	11.99	13.49	18.04	23.54	34.54	
5/64"	.0776" .0773"			PT-6	4.72	8.75	.0626"- .0781"			PTD-6	6.89	8.39	12.27	14.47	17.77	11.99	13.49	18.04	23.54	34.54	
3/32"	.0933" .0930"			PT-7	4.37	6.91	.0782"- .0938"			PTD-7	6.49	7.99	11.88	14.08	17.38	10.29	11.79	16.17	21.67	32.67	
7/64"	.1089" .1086"			PT-8	4.37	6.91	.0939"- .1094"			PTD-8	6.49	7.99	11.88	14.08	17.38	10.29	11.79	16.17	21.67	32.67	
1/8"	.1245" .1242"			PT-9	2.96	4.65	.1095"- .1250"			PTD-9	4.94	6.44	10.12	12.32	15.62	8.09	9.59	13.75	19.25	30.25	
9/64"	.1401" .1398"			PT-10	3.06	4.93	.1251"- .1406"			PTD-10	4.94	6.44	10.18	12.38	15.68	8.14	9.64	13.81	19.31	30.31	
5/32"	.1558" .1555"	9/32	5/32	PT-11	3.06	5.75	.1407"- .1562"	9/32	5/32	PTD-11	4.94	6.44	10.18	12.38	15.68	8.14	9.64	13.81	19.31	30.31	
11/64"	.1714" .1711"	11/32	3/16	PT-12	4.02	5.75	.1563"- .1719"	11/32	3/16	PTD-12	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	
3/16"	.1870" .1867"	3/8	3/16	PT-13	4.02	5.75	.1720"- .1875"	3/8	3/16	PTD-13	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	
13/64"	.2026" .2023"	3/8	3/16	PT-14	4.02	5.75	.1876"- .2031"	3/8	3/16	PTD-14	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	
7/32"	.2183" .2180"	13/32	3/16	PT-15	4.02	5.75	.2032"- .2187"	13/32	3/16	PTD-15	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	
15/64"	.2339" .2336"	13/32	3/16	PT-16	4.02	5.75	.2188"- .2343"	13/32	3/16	PTD-16	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	
1/4"	.2495" .2492"	7/16	3/16	PT-17	4.02	5.75	.2344"- .2500"	7/16	3/16	PTD-17	6.24	7.74	11.55	13.75	17.05	9.24	10.74	15.02	20.52	31.52	

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 more complete list of modifications that are available for any of the ROYAL Family of Pins and Punches**