

PT AND PTD TRUE-HARD™ SERIES



Royal

TIGHTEST TOLERANCE IN THE INDUSTRY (.0003")

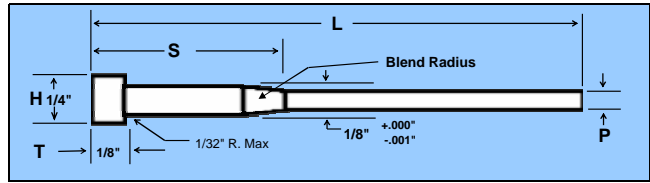
M-2 EJECTOR/CORE PINS

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

SHOULDER STYLE

STANDARD FRACTIONAL AND .0001" INCREMENT DIAMETERS

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.



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

HOW TO ORDER : EXAMPLES			
Qty.	Cat. No.	Length	P (If PTD)
12	PT-5-3	L-8	
36	PTD-7-2	L-6	P= .0925

PT TYPE STANDARD FRACTIONAL DIAMETERS 12 PINS PER PACKAGE					PTD TYPE NON-STANDARD DECIMAL DIAMETERS .0001" INCREMENTS											ML MODIFY LENGTH ADD TO BASE PRICE				
P NOM. PIN DIA.	ACTUAL PIN DIA.	S SHL. LGTH.	CAT. NO.	L-6" STD. DIA.	L-8" STD. DIA.	P DIA. RANGE	S SHL. LGTH	CAT. NO.	L-6"					L-8"						
									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"	1/2	PT-2-1/2	9.10	Q	UNDER .0312"	1/2	PTD-2-1/2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
		2"	PT-2-2	8.37	8.98		2"	PTD-2-2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
		3"	PT-2-3	Q	8.98		3"	PTD-2-3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
		4"	PT-2-4	Q	7.65		4"	PTD-2-4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
3/64	.0464" .0461"	1/2	PT-3-1/2	5.76	Q	.0313" THRU .0469"	1/2	PTD-3-1/2	7.98	9.63	12.38	14.58	17.88	Q	Q	Q	Q	Q	Q	
		2"	PT-3-2	5.64	7.28		2"	PTD-3-2	7.87	9.52	12.27	14.47	17.77	11.00	12.65	15.40	17.60	20.90		
		3"	PT-3-3	Q	7.28		3"	PTD-3-3	Q	Q	Q	Q	Q	11.00	12.65	15.40	17.60	20.90		
		4"	PT-3-4	Q	6.55		4"	PTD-3-4	Q	Q	Q	Q	Q	10.34	11.99	14.74	16.94	20.24		
1/16	.0620" .0617"	1/2	PT-5-1/2	4.97	9.22	.0470" THRU .0625"	1/2	PTD-5-1/2	7.26	8.91	11.66	13.86	17.16	12.76	14.41	17.16	22.66	33.66		
		2"	PT-5-2	4.79	6.55		2"	PTD-5-2	7.10	8.75	11.50	13.70	17.00	10.34	11.99	14.74	16.94	20.24		
		3"	PT-5-3	Q	6.55		3"	PTD-5-3	Q	Q	Q	Q	Q	10.34	11.99	14.74	16.94	20.24		
		4"	PT-5-4	Q	5.94		4"	PTD-5-4	Q	Q	Q	Q	Q	9.79	11.44	14.19	16.39	19.69		
5/64	.0776" .0773"	1/2	PT-6-1/2	4.97	9.22	.0626" THRU .0781"	1/2	PTD-6-1/2	7.26	8.91	11.66	13.86	17.16	12.76	14.41	17.16	22.66	33.66		
		2"	PT-6-2	4.79	6.55		2"	PTD-6-2	7.10	8.75	11.50	13.70	17.00	10.34	11.99	14.74	16.94	20.24		
		3"	PT-6-3	Q	6.55		3"	PTD-6-3	Q	Q	Q	Q	Q	10.34	11.99	14.74	16.94	20.24		
		4"	PT-6-4	Q	5.94		4"	PTD-6-4	Q	Q	Q	Q	Q	9.79	11.44	14.19	16.39	19.69		
3/32	.0933" .0930"	1/2	PT-7-1/2	4.61	7.28	.0782" THRU .0938"	1/2	PTD-7-1/2	6.93	8.58	11.33	13.53	16.83	11.00	12.65	15.40	20.90	31.90		
		2"	PT-7-2	4.42	5.70		2"	PTD-7-2	6.77	8.42	11.17	13.37	16.67	9.57	11.22	13.97	16.17	19.47		
		3"	PT-7-3	Q	5.70		3"	PTD-7-3	Q	Q	Q	Q	Q	9.57	11.22	13.97	16.17	19.47		
		4"	PT-7-4	Q	5.46		4"	PTD-7-4	Q	Q	Q	Q	Q	9.35	11.00	13.75	15.95	19.25		
7/64	.1089" .1086"	1/2	PT-8-1/2	4.61	7.28	.0939" THRU .1094"	1/2	PTD-8-1/2	6.93	8.58	11.33	13.53	16.83	11.00	12.65	15.40	20.90	31.90		
		2"	PT-8-2	4.42	5.70		2"	PTD-8-2	6.77	8.42	11.17	13.37	16.67	9.57	11.22	13.97	16.17	19.47		
		3"	PT-8-3	Q	5.70		3"	PTD-8-3	Q	Q	Q	Q	Q	9.57	11.22	13.97	16.17	19.47		
		4"	PT-8-4	Q	5.46		4"	PTD-8-4	Q	Q	Q	Q	Q	9.35	11.00	13.75	15.95	19.25		
Q = Price Per Quotation							.1095" THRU .1245"	1/2	PTD-9-1/2	5.23	6.88	9.63	11.83	15.13	8.69	10.34	13.09	18.59	29.59	
								2"	PTD-9-2	5.06	6.77	9.46	11.66	14.96	8.53	10.18	12.93	15.13	18.43	
								3"	PTD-9-3	Q	Q	Q	Q	Q	8.53	10.18	12.93	15.13	18.43	
								4"	PTD-9-4	Q	Q	Q	Q	Q	8.31	9.96	12.71	14.91	18.21	

CUSTOM MODIFICATIONS PRICE AND DELIVERY PER QUOTATION	The following are some of the modifications which can be made to this product. Please refer to page 1 for more information on ordering this product with these modifications or use the worksheet templates provided on pages 25-28.						
	ML* CL	MT CT	MH	CS	CSD	SR	COATINGS
							TIN Dicronite

* ML Modification is priced in price table above