



BEVEL HEADED PUNCHES

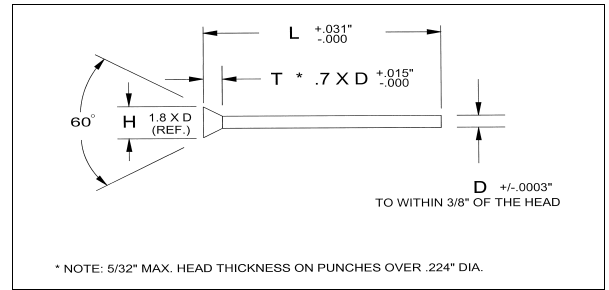
MATERIAL:

TOOL STEEL, (TS)
(OHTS), 58-60 RC, HEADS DRAWN

Used by tool, die, stamping, and mold manufacturers as perforators, punches, knock-out pins, gauge pins, ejectors and core pins.

When closer tolerance and better wear resistance is desired, please refer to Type RQA found on page 2. RQA Perforators/Core Pin Blanks are form-ground to $+.0003"/-0"$ diameter tolerance, and are offered in M-2 HSS in diameter increments from .010" through .375".

Standard 4" and 6" Lengths



HOW TO ORDER: EXAMPLES

Qty.	Type	Dia.	X	Length	Steel
100	BH	5/32	X	6	TS
50	BH	15/64	X	4	TS

FRACTIONAL DIAMETERS

TOOL STEEL ONLY
FOR FRACTIONAL DIAMETERS IN M-2 HSS PLEASE REFER TO RQA TYPE ON PAGE 2

D STANDARD DIAMETERS	L LENGTHS	PRICE PER EACH (US \$)				
		TOOL STEEL				
		100	50-99	25-49	10-24	1-9
1/16, 5/64	4"	1.43	1.67	2.07	2.48	3.11
	6"	1.82	2.07	2.46	2.96	3.63
3/32, 7/64	4"	1.42	1.64	1.99	2.39	2.96
	6"	1.81	2.02	2.41	2.84	3.47
1/8	4"	1.24	1.44	1.75	2.08	2.59
	6"	1.46	1.64	1.97	2.32	2.82
9/64, 5/32	4"	1.26	1.46	1.78	2.11	2.60
	6"	1.48	1.68	1.99	2.35	2.85
11/64, 3/16	4"	1.33	1.49	1.81	2.18	2.67
	6"	1.51	1.72	2.02	2.39	2.88
13/64, 7/32	4"	1.83	2.02	2.34	2.70	3.23
	6"	2.25	2.42	2.76	3.11	3.67
15/64, 1/4	4"	1.95	2.11	2.43	2.83	3.34
	6"	2.36	2.56	2.89	3.25	3.82
17/64, 9/32	4"	3.05	3.23	3.57	3.98	4.57
	6"	3.45	3.64	3.99	4.39	5.01
19/64, 5/16	4"	3.14	3.32	3.67	4.06	4.66
	6"	3.56	3.73	4.10	4.52	5.12
21/64, 11/32	4"	3.44	3.62	3.98	4.38	5.00
	6"	3.85	4.04	4.41	4.81	5.44
23/64, 3/8	4"	3.70	3.86	4.24	4.63	5.26
	6"	4.10	4.31	4.65	5.07	5.72

DECIMAL DIAMETERS

TOOL STEEL ONLY
FOR DECIMAL DIAMETERS IN M-2 HSS PLEASE REFER TO RQA TYPE ON PAGE 2 (10 PC. MINIMUM)

D NON-STANDARD DECIMAL DIA.	PRICE PER EACH (US \$)			
	TOOL STEEL			
	100	50-99	25-49	10-24
.047"-.078"	3.03	3.72	5.50	10.15
	Q	Q	Q	Q
.079"-.109"	2.93	3.51	5.14	9.27
	3.37	4.36	6.43	10.69
.110"-.124"	2.57	3.09	4.53	8.17
	2.75	3.53	5.23	8.72
.126"-.156"	2.65	3.19	4.59	8.25
	2.82	3.64	5.32	8.81
.157"-.187"	2.75	3.28	4.69	8.53
	2.93	4.10	6.86	10.37
.188"-.218"	3.09	3.64	5.04	8.90
	3.44	4.60	7.39	10.95
.219"-.249"	3.28	3.80	5.23	9.09
	3.53	4.70	7.49	11.01
.251"-.281"	4.63	5.24	6.86	11.26
	5.32	6.47	9.28	12.87
.282"-.312"	4.73	5.33	6.97	11.37
	5.50	6.63	9.47	13.07
.313"-.343"	5.04	5.64	7.28	11.69
	5.74	6.92	9.74	13.34
.344"-.374"	5.24	5.85	7.49	11.91
	5.93	7.09	9.92	13.54

QUANTITY DISCOUNTS

Based on one size, one shipment, and one destination

500 Pieces100 pc. Price Less 10%

1,000 Pieces 100 pc. Price Less 15%

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