



BEVEL HEADED PUNCHES

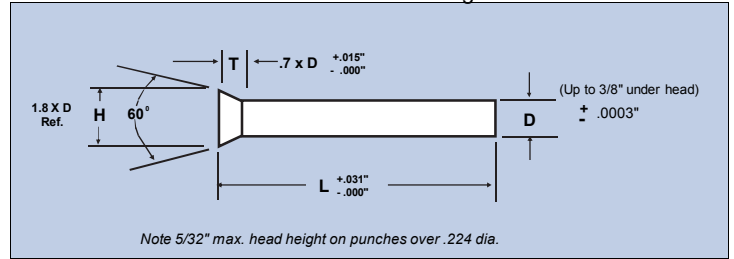
MATERIAL:

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"	1.29	1.51	1.83	2.14	2.57
	6"	1.64	1.87	2.19	2.56	3.01
3/32, 7/64	4"	1.28	1.48	1.77	2.06	2.44
	6"	1.63	1.82	2.14	2.45	2.87
1/8	4"	1.12	1.30	1.56	1.80	2.14
	6"	1.32	1.48	1.75	2.01	2.33
9/64, 5/32	4"	1.14	1.32	1.58	1.82	2.15
	6"	1.34	1.52	1.77	2.03	2.36
11/64, 3/16	4"	1.21	1.35	1.61	1.88	2.21
	6"	1.37	1.56	1.80	2.06	2.38
13/64, 7/32	4"	1.65	1.82	2.08	2.33	2.67
	6"	2.03	2.19	2.45	2.69	3.03
15/64, 1/4	4"	1.76	1.91	2.16	2.44	2.76
	6"	2.14	2.32	2.57	2.81	3.16
17/64, 9/32	4"	2.76	2.93	3.18	3.44	3.78
	6"	3.13	3.30	3.55	3.80	4.15
19/64, 5/16	4"	2.84	3.01	3.26	3.51	3.85
	6"	3.22	3.38	3.64	3.91	4.23
21/64, 11/32	4"	3.12	3.28	3.54	3.79	4.14
	6"	3.49	3.66	3.92	4.16	4.50
23/64, 3/8	4"	3.35	3.50	3.77	4.01	4.35
	6"	3.71	3.90	4.14	4.39	4.73

DECIMAL DIAMETERS					ML MODIFY LENGTH ADD TO BASE PRICE	
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"	2.75	3.37	4.89	8.79	\$0.25 EACH OR \$25.00 MIN.	
	Q	Q	Q	Q		
.079"-.109"	2.65	3.18	4.57	8.02		
	3.05	3.95	5.72	9.25		
.110"-.124"	2.33	2.80	4.02	7.07		
	2.49	3.20	4.65	7.55		
.126"-.156"	2.40	2.89	4.08	7.14		\$0.32 EACH OR \$28.00 MIN.
	2.56	3.30	4.73	7.62		
.157"-.187"	2.49	2.97	4.17	7.38		
	2.65	3.71	6.10	8.98		
.188"-.218"	2.80	3.30	4.48	7.70		
	3.12	4.17	6.58	9.47		
.219"-.249"	2.97	3.44	4.65	7.86		
	3.20	4.26	6.66	9.53		
.251"-.281"	4.20	4.75	6.10	9.75	\$0.37 EACH OR \$30.00 MIN.	
	4.82	5.86	8.25	11.14		
.282"-.312"	4.28	4.83	6.20	9.84		
	4.99	6.01	8.42	11.31		
.313"-.343"	4.57	5.11	6.47	10.12		
	5.21	6.27	8.66	11.55		
.344"-.374"	4.75	5.30	6.66	10.31		
	5.38	6.42	8.82	11.72		

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%

* ML Modification is priced in the price table above

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