

CPB AND PPB TYPES



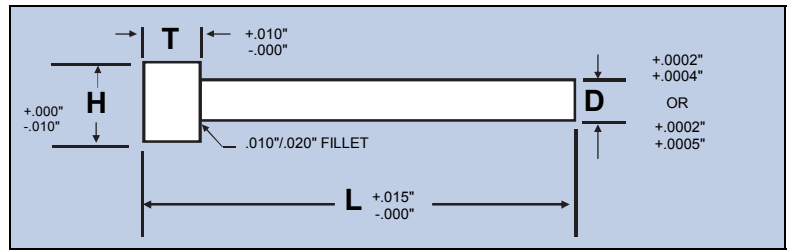
Royal

PUNCH BLANKS

M-2 HIGH SPEED STEEL, 60-63 RC
 HEADS DRAWN, 45-55 RC
 PRECISION FORM-GROUND
 FRACTIONAL BLANKS FROM 1/8 THROUGH 1"

2", 2-1/2", 3" and 3-1/2" Lengths

HOW TO ORDER: EXAMPLES				
Qty.	Cat. No.	Dia.	X	Length
12	CPB-25	1/4	X	2-1/2
6	PPB-75	3/4	X	3



CPB (COMMERCIAL TOLERANCES) D: +.0002" +.0005"

Catalog Number	D	H	T	L				NET PRICE EACH PER QUANTITY (US \$)				ML MODIFY LENGTH ADD TO BASE PRICE	
	BODY DIA.	HEAD DIA.	HEAD THICK	OVERALL LENGTHS				50 +	25-49	10-24	1-9		
CPB-12	1/8	1/4	1/8	2"	2-1/2"			5.66	6.01	6.34	6.67	\$0.32 EACH OR \$28.00 MIN	
CPB-15	5/32	9/32	1/8	2"	2-1/2"								
CPB-18	3/16	5/16	1/8	2"	2-1/2"								
CPB-25	1/4	3/8	1/8	2"	2-1/2"	3"		6.34	6.67	7.08	7.41		\$0.37 EACH OR \$30.00 MIN
CPB-31	5/16	7/16	1/8	2"	2-1/2"	3"							
CPB-37	3/8	1/2	3/16	2"	2-1/2"	3"		7.27	7.73	8.14	8.55		
CPB-43	7/16	9/16	3/16	2"	2-1/2"	3"	3-1/2"						
CPB-50	1/2	5/8	3/16	2"	2-1/2"	3"	3-1/2"	7.27	7.73	8.14	8.55	PER QUOTE	
CPB-62	5/8	3/4	1/4	2"	2-1/2"	3"	3-1/2"						
CPB-75	3/4	7/8	1/4		2-1/2"	3"	3-1/2"	13.81	14.65	15.48	16.24		
CPB-87	7/8	1"	1/4		2-1/2"	3"	3-1/2"	23.09	24.41	25.81	27.12		
CPB-100	1"	1-1/8"	1/4		2-1/2"	3"	3-1/2"						

PPB (PRECISION TOLERANCES) D: +.0002" +.0004"

Catalog Number	D	H	T	L				NET PRICE EACH PER QUANTITY (US \$)				ML MODIFY LENGTH ADD TO BASE PRICE	
	BODY DIA.	HEAD DIA.	HEAD THICK	OVERALL LENGTHS				50 +	25-49	10-24	1-9		
PPB-12	1/8	1/4	1/8	2"	2-1/2"			6.34	6.67	7.08	7.41	\$0.32 EACH OR \$28.00 MIN	
PPB-15	5/32	9/32	1/8	2"	2-1/2"								
PPB-18	3/16	5/16	1/8	2"	2-1/2"								
PPB-25	1/4	3/8	3/16	2"	2-1/2"	3"		7.08	7.41	7.88	8.28		\$0.37 EACH OR \$30.00 MIN
PPB-31	5/16	7/16	3/16	2"	2-1/2"	3"							
PPB-37	3/8	1/2	3/16	2"	2-1/2"	3"		8.21	8.60	9.55	9.60		
PPB-43	7/16	9/16	3/16	2"	2-1/2"	3"	3-1/2"						
PPB-50	1/2	5/8	3/16	2"	2-1/2"	3"	3-1/2"	8.21	8.60	9.55	9.60	PER QUOTE	
PPB-62	5/8	3/4	3/16		2-1/2"	3"	3-1/2"						
PPB-75	3/4	7/8	3/16		2-1/2"	3"	3-1/2"	11.08	11.71	12.33	13.04		
PPB-87	7/8	1"	3/16		2-1/2"	3"	3-1/2"	25.81	27.34	28.79	30.33		
PPB-100	1"	1-1/8"	3/16		2-1/2"	3"	3-1/2"						

EB SLUG EJECTOR PUNCHES (WITH PPB DIMENSIONS)

CATALOG NUMBER	D	H	T	L				PRICE PER QUOTE
	BODY DIA.	HEAD DIA.	HEAD THICK.	OVERALL LENGTHS				
EB-12	1/8	1/4	1/8	2"	2-1/2"			PRICE PER QUOTE
EB-15	5/32	9/32	1/8	2"	2-1/2"			
EB-18	3/16	5/16	1/8	2"	2-1/2"			
EB-25	1/4	3/8	3/16	2"	2-1/2"			
EB-31	5/16	7/16	3/16	2"	2-1/2"	3"		
EB-37	3/8	1/2	3/16	2"	2-1/2"	3"		
EB-43	7/16	9/16	3/16	2"	2-1/2"	3"	3-1/2"	
EB-50	1/2	5/8	3/16	2"	2-1/2"	3"	3-1/2"	

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