

CPB AND PPB TYPES



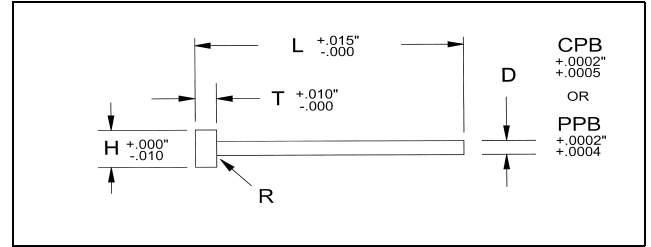
Royal

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 BODY DIA.	H HEAD DIA.	T HEAD THICK	L OVERALL LENGTHS				NET PRICE EACH PER QUANTITY (US \$)			
				50 +	25-49	10-24	1-9				
CPB-12	1/8	1/4	1/8	2"	2-1/2"			6.69	7.43	8.45	9.68
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"		7.49	8.25	9.41	10.74
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"		8.59	9.56	10.83	12.40
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"	8.59	9.56	10.83	12.40
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"	16.30	18.12	20.58	23.55
CPB-87	7/8	1"	1/4		2-1/2"	3"	3-1/2"	27.25	30.17	34.29	39.30
CPB-100	1"	1-1/8"	1/4		2-1/2"	3"	3-1/2"				

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

Catalog Number	D BODY DIA.	H HEAD DIA.	T HEAD THICK	L OVERALL LENGTHS				NET PRICE EACH PER QUANTITY (US \$)			
				50 +	25-49	10-24	1-9				
PPB-12	1/8	1/4	1/8	2"	2-1/2"			7.49	8.25	9.41	10.74
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"		8.36	9.16	10.48	12.02
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"		9.69	10.63	12.69	13.91
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"	9.69	10.63	12.69	13.91
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"	13.08	14.96	16.39	18.92
PPB-87	7/8	1"	3/16		2-1/2"	3"	3-1/2"	18.18	20.18	22.98	26.28
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 BODY DIA.	H HEAD DIA.	T HEAD THICK.	L OVERALL LENGTHS				COMPONENT SET	PRICE PER QUOTE * UPON AVAILABILITY
				50 +	25-49	10-24	1-9		
EB-12	1/8	1/4	1/8	2"	2-1/2"			CS-2A	
EB-15	5/32	9/32	1/8	2"	2-1/2"			CS-3	
EB-18	3/16	5/16	1/8	2"	2-1/2"			CS-3	
EB-25	1/4	3/8	3/16	2"	2-1/2"			CS-3	
EB-31	5/16	7/16	3/16	2"	2-1/2"	3"		CS-4	
EB-37	3/8	1/2	3/16	2"	2-1/2"	3"		CS-6	
EB-43	7/16	9/16	3/16	2"	2-1/2"	3"	3-1/2"	CS-6	
EB-50	1/2	5/8	3/16	2"	2-1/2"	3"	3-1/2"	CS-6	

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