



WHEN ORDERING SPECIFY:

1. Series FP-37BB. This series of die sets is furnished in precision only.
2. Dimensions A and B.
3. Thickness of die holder J and punch holder K. (J and K thickness should be at least equal to guide post diameter O. For sleeve bushings, J thickness should be at least 1/4" larger than O.)
4. Diameter of guide post O if other than listed. (If larger or smaller guide post than listed is ordered, C and F dimensions will vary accordingly.)
5. Type of bushing, demountable or straight sleeve.
6. Demountable bushing clamp arrangement — state A, B or C
7. Maximum and minimum shutheight by specifying T from bottom surface of die holder to top surface of punch holder.
8. Stroke or ram movement of press.

9. Operating condition (Type I — Pre-loaded, Type II — Relieving, Type III — Disengaging.)

10. Specify size of shank, if ordered. These sets are regularly furnished without shanks. Inserted or welded steel shanks are available at additional cost.

11. Specify clamping or lifting holes. Holes can be furnished to your specifications at additional cost.

12. Specify how shipment should be made.

Reverse Sets — Sets with B greater than A can be furnished if required for special feeding.

Special Machining — Sets can be provided with any special machining required. Send print.

Torch-Cut Holes — Holes of any shape may be torch-cut to your needs. Send template or print.

These die sets may not be returned for credit.

NOM. GUIDE POST DIA.	C	SLEEVE BUSHING		SHOULDER BUSHING	
		F	W	F	W
1	1 3/4	2 1/16	7/16	2 7/8	7/16
1 1/4	1 7/8	2 1/16	7/16	3 1/16	7/16
1 1/2	2 1/8	3 3/8	1/2	3 3/8	1 1/16
1 3/4	2 1/4	3 3/8	1/2	3 13/16	1 1/16
2	2 1/2	4 1/8	5/8	4 3/8	1 3/16
2 1/2	2 7/8	4 3/4	5/8	5	1 3/16
3	3 1/4	5 3/8	5/8	5 5/8	7/8

X = B Minus 2F Y = A Minus 2F

THICKNESS OF PLATE IN STOCK							
1	1 1/8	1 1/16	1 1/16	1 1/8	1 1/8	2 1/8	2 1/8
2 1/8	2 1/8	3 1/8	3 1/8	4 1/8	4 1/8	5 1/8	6 1/8

UNLIMITED SIZES

Sizes are not limited to any dimensions. Suggested minimum dimensions are shown below.

1 1/2	1 3/4					2						2 1/2	K	
1 3/4	2					2 1/4						2 3/4	J	
1 1/2	1 3/4					2						2 1/2	O	
30	32	34	36	40	45	50	55	60	65	70	80	90	100	A/B
68														8
85	91	96	102	113	128	142	156	170	184	198	227			10
102	109	116	122	136	153	170	187	204	221	238	272	306	340	12
119	127	135	143	159	179	198	218	238	258	278	317	357	397	14
136	145	154	163	181	204	227	249	272	295	317	363	408	453	16
153	163	173	184	204	230	255	281	306	332	357	408	459	510	18
170	181	193	204	227	255	283	312	340	368	397	453	510	567	20
187	199	212	224	249	281	312	343	374	405	436	499	561	623	22
204	218	231	245	272	306	340	374	408	442	476	544	612	680	24
221	236	250	265	295	331	368	405	442	479	516	589	663	737	26
238	254	270	286	317	357	397	436	476	516	555	635	714	793	28
255	272	289	306	340	383	425	467	510	552	595	680	765	850	30
	290	308	326	363	408	453	499	544	589	635	725	816	907	32
		327	347	385	433	482	530	578	626	674	771	867	963	34
			367	408	459	510	561	612	663	714	816	918	1020	36
				453	510	567	623	680	737	793	907	1020	1133	40
					574	637	701	765	829	892	1020	1147	1275	45
						708	779	850	921	992	1133	1275	1417	50
							857	935	1013	1091	1247	1402	1558	55
								1020	1103	1190	1360	1530	1700	60