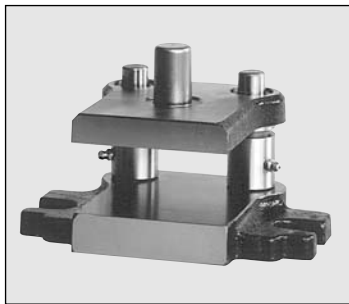


Accurate Manufacturing Company

PRECISION DIE SETS



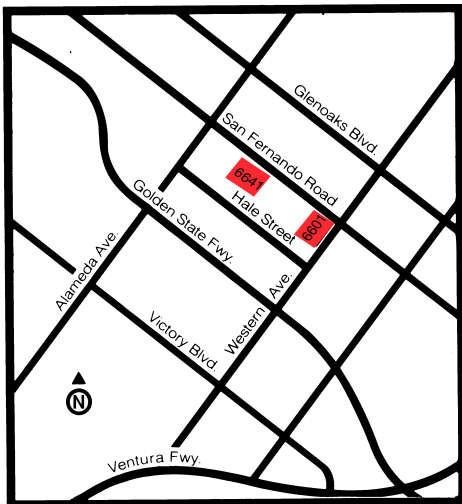
Established 1945

6641 San Fernando Road
Glendale, California 91201
(818) 240-4840 Fax (818) 240-0966
(888) 925-4840
e-mail: sales@acc-mfg.com
website: www.acc-mfg.com

ACCURATE

MANUFACTURING COMPANY

Established in 1945, Accurate Manufacturing provides the industry with high quality die sets, mold bases, fabrication and accessories. Featuring state of the art CNC equipment, Accurate has made special machining and close tolerances routine. Located in southern California, Accurate ships daily to all areas of the United States, Canada and Mexico.



6641 San Fernando Road • Glendale, CA 91201
(818) 240-4840 • Fax (818) 240-0966
(888) 925-4840
e-mail: sales@acc-mfg.com
website: www.acc-mfg.com

CONDITIONS OF SALE

QUOTATIONS: All quotations are subject to revision if not placed as an order within 30 days of quotation.

ORDERS AND CONFIRMATIONS: Orders by telephone are accepted as a courtesy. The accuracy of the order is the responsibility of the customer. Confirming orders should be marked confirmation. Confirmation orders received and not marked as such may be treated as original orders and duplicated. In such cases, Accurate will not be responsible for any expense or inconvenience incurred.

RETURNED GOODS AND CANCELLATIONS: Standard die sets that are returned for credit will be subject to an inspection and a re-stocking charge. All matters pertaining to the return of purchased goods should be directed to our main office at 6641 San Fernando Road, Glendale, CA 91201. Special die sets may not be returned for credit. Cancellation of orders are subject to billing based on the disposition of the order at the time of cancellation.






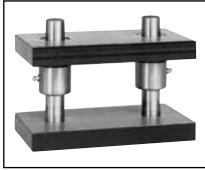





DELIVERIES: All shipments are F.O.B. Glendale. Shipments are made freight collect unless other arrangements are agreed upon prior to delivery. Accurate reserves the right to route all shipments.

CLAIMS: All Accurate products are carefully inspected prior to shipment, but despite our best efforts errors do occasionally occur. In this event, we will replace all our materials that were not up to standard only if it can be determined that they were sub-standard at the time of delivery.

A C C U R A T E

M A N U F A C T U R I N G C O M P A N Y

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Bench and Kick Press Die Sets

When ordering, please specify:

- Catalog number and quantity of each item.
- Length of guide pins ('L' Dimension). Measure from bottom of die shoe, to top of pin.

- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, or XLS). Bronze plated bushings are wring fit. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



Bushing

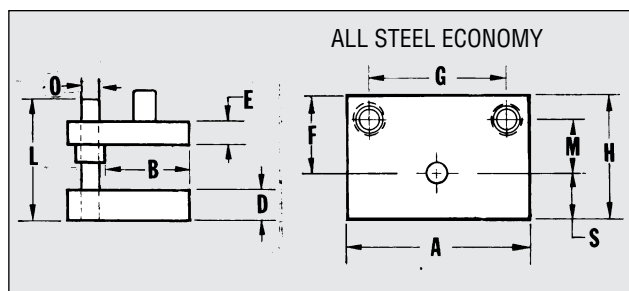
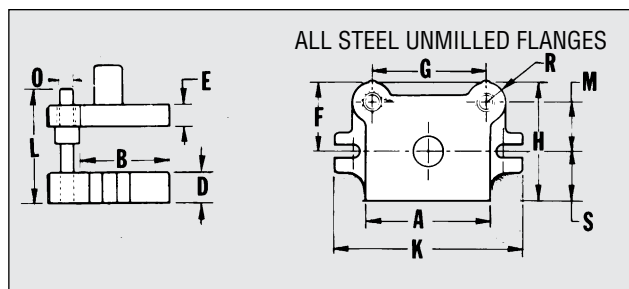
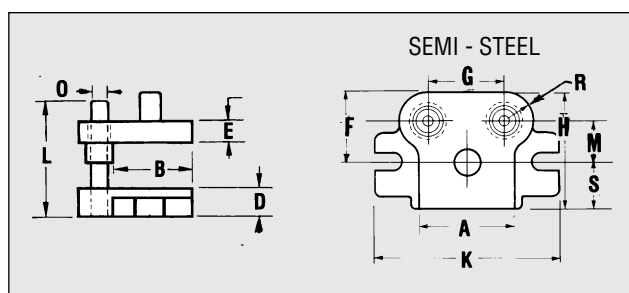
- Diameter of punch shank if different than standard (i.e. 3/4, 1, 1 1/4, 1 1/2, 1 5/8, 2). State 'NO SHANK' if no shank is required.



Shank

- How shipment should be made.

Die sets with non standard shank sizes are not returnable for credit.



A C C U R A T E

M A N U F A C T U R I N G C O M P A N Y

Die Space		Thickness		Catalog No.	Size	General Dimensions										Wgt.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E		Shank	C*	F	G	H	K	M	O	R	S	Approx.	
SEMI-STEEL																
3	3	3/4	5/8	AC33	3/4	3	1 7/8	3 1/4	4 3/8	6	1	3/4	7/8	2 1/2	11	
3	3	3/4	5/8	AC33-1	1										11	
4	2	1	3/4	AC42-1	1	-	2 3/4	3 1/4	3 7/16	7	1 7/8	3/4	7/8	1 1/16	10	
4	3	1	3/4	AC43-1	1	3 3/8	2 3/4	3 1/4	4 7/8	7 7/8	1 7/8	3/4	7/8	2 1/8	16	
4	3	1	3/4	AC43-2	1 9/16										17	
6	4	1	1	AC64-1	1	4 1/2	2 7/8	5 1/2	5 5/8	8	2	3/4	7/8	2 3/4	25	
6	4	1	1	AC64-2	1 9/16										26	
ALL STEEL UNMILLED FLANGES																
4	3	3/4	3/4	0403K1	1	3 3/8	2 3/4	3 1/4	4 7/8	7 7/8	1 7/8	3/4	7/8	2 1/8	15	
4	3	3/4	3/4	0403K19	1 9/16										16	
4	3	1	3/4	0403K2	1										16	
4	3	1	3/4	0403K29	1 9/16										17	
6	4	1	3/4	0604K1	1	4 1/2	2 7/8	5 1/2	5 5/8	8	2	3/4	7/8	2 3/4	24	
6	4	1	3/4	0604K19	1 9/16										25	
6	4	1	1	0604K2	1										25	
6	4	1	1	0604K29	1 9/16										26	
ALL STEEL ECONOMY																
6	4 1/2	1	3/4	AS64	1	4 1/2	3	3 1/4	6		2 1/8	3/4		3	23	
8	4 1/2	1	3/4	AS84	1	5	3	5 1/2	6		2 1/8	3/4		3	30	

* Die space available for round dies.

Precision Standard Die Sets

- AC** – All cast punch holder and die shoe.
Shank is integrally cast.
Availability of cast sets are subject to stock on hand.
- CS** – Cast punch holder, milled steel die shoe.
Shank is integrally cast.
Availability of cast punch holder is subject to stock on hand.
- M** – All steel punch holder and die shoe.
Milled flanges.
Shank is screwed and epoxied.
- U** – All steel punch holder and die shoe.
Flanges are flush with die shoe.
Shank is screwed and epoxied.

EXAMPLE: An all steel die set with milled flanges and a 6½" by 6" die space, 1½" die shoe and 1¼" punch holder is: 0606M1.

When placing an order please specify:

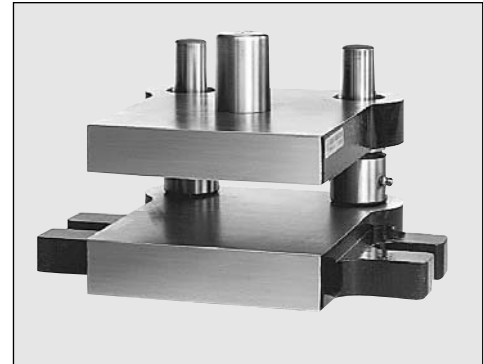
- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other. See page 27 for an explanation of the bushing codes). Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.
- Diameter of punch shank (i.e. ¾, 1, 1¼, 1½, 1⅞, 2, 2½ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.



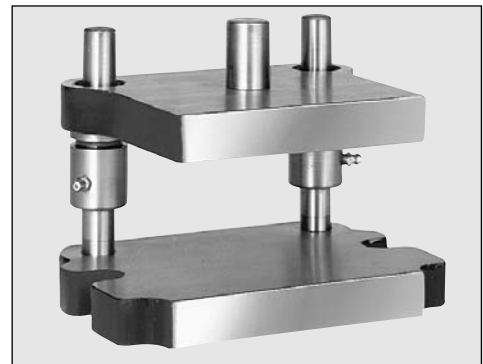
Bushing



Shank



AC, CS, M (Milled)



U (Unmilled)

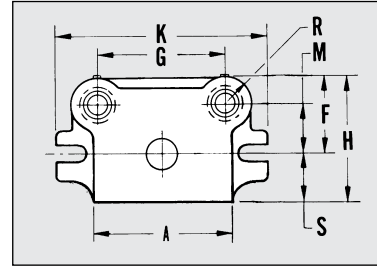
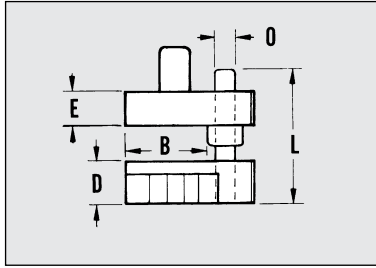


**Economy Die Sets see pg's 14-21
Designer Series see pg's 25-25**

UNLIMITED THICKNESSES:

Steel punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

ACCURATE MANUFACTURING CO.



Catalog Numbers - All Steel				Die Space		Thickness		General Dimensions									Wgt.
All Cast	Cast PH Steel DS	All Steel Milled Flanges	All Steel Unmilled Flanges	Left to Right A	Front to Back B	Die Holder D	Punch Holder E	C*	F	G	H	K	M	O	R	S	Approx
0303AC1	0303CS1	0303M1	0303U1	3	3	1	1	3	3 1/4	3 1/4	5 1/16	6 3/4	1 7/8	3/4	1 7/16	1 13/16	15
		0303M4	0303U4			1 1/4	1										17
0304AC1	0304CS1	0304M1	0304U1	3	4	1 1/4	1	3 15/16	3 1/4	6 5/16	7	2 7/16	7/8	1 9/16	2 3/8	20	
		0304M4	0304U4			1 1/2	1									24	
0403AC1	0403CS1	0403M1	0403U1	4	3	1 1/4	1	3 1/4	3 7/16	3 1/4	5 5/16	8	1 5/16	7/8	1 9/16	1 7/8	20
		0403M4	0403U4			1 1/2	1										24
0404AC1	0404CS1	0404M1	0404U1	4	4	1 3/8	1 1/4	4	3 15/16	3 1/4	6 5/16	7 3/4	2 7/16	7/8	1 9/16	2 3/8	27
		0404M4	0404U4			1 3/4	1 1/4										29
0405AC1	0405CS1	0405M1	0405U1	4	5	1 3/8	1 1/4	4 7/16	4	7 5/16	8	2 15/16	7/8	1 9/16	2 7/8	30	
		0405M4	0405U4			1 3/4	1 1/4									35	
0406AC1	0406CS1	0406M1	0406U1	4	6	1 1/2	1 1/4	5	5 1/8	8 7/16	8 7/8	3 7/16	1	1 5/8	3 7/16	41	
		0406M4	0406U4			2	1 1/4									50	
0504AC1	0504CS1	0504M1	0504U1	5	4	1 3/8	1 1/4	4 1/2	3 15/16	4	6 5/16	8 3/4	2 7/16	7/8	1 9/16	2 3/8	30
		0504M4	0504U4			1 3/4	1 1/4										35
0505AC1	0505CS1	0505M1	0505U1	5	5	1 1/2	1 1/4	5	4 7/16	4	7 5/16	8 3/4	2 15/16	7/8	1 9/16	2 7/8	38
0505AC2	0505CS2	0505M2	0505U2			1 1/2	1 3/4										43
		0505M4	0505U4			2	1 1/4										46
		0505M5	0505U5			2	1 3/4										53
0508AC1	0508CS1	0508M1	0508U1	5	8	1 1/2	1 1/4	6	6 1/2	10 7/16	9 5/8	4 7/16	1	1 5/8	4 7/16	59	
0603AC1	0603CS1	0603M1	0603U1	6 1/2	3	1 1/2	1 3/4	3 1/2	5 1/8	5 7/16	10 1/4	1 15/16	1	1 5/8	1 15/16	35	
		0603M2	0603U2			2	1 1/4									38	
		0603M4	0603U4			2	1 3/4									39	
		0603M5	0603U5			1 1/2	1 1/4									43	
0604AC1	0604CS1	0604M1	0604U1	6 1/2	4	1 1/2	1 3/4	5	4	5 1/8	6 7/16	11 1/4	2 7/16	1	1 5/8	2 7/16	41
		0604M2	0604U2			1 3/4	1 1/4										44
		0604M4	0604U4			1 3/4	1 3/4										45
		0604M5	0604U5			1 1/2	1 1/4										49
0606AC1	0606CS1	0606M1	0606U1	6 1/2	6	1 1/2	1 3/4	6 1/2	5	5 1/8	8 7/16	11 1/4	3 7/16	1	1 5/8	3 7/16	53
		0606M2	0606U2			2	1 1/4										60
		0606M4	0606U4			2	1 3/4										61
		0606M5	0606U5			1 1/2	1 1/4										68
0609AC1	0609CS1	0609M1	0609U1	6 1/2	9	1 1/2	1 3/8	6 1/2	7 3/4	11 7/16	11 1/4	4 15/16	1	1 5/8	4 15/16	88	
0705AC1	0705CS1	0705M1	0705U1	7 1/2	5	1 1/2	1 1/4	5 3/4	4 1/2	6 1/2	7 7/16	12 1/4	2 15/16	1	1 5/8	2 15/16	59
		0705M2	0705U2			1 1/2	1 3/4										64
		0705M4	0705U4			2	1 1/4										65
		0705M5	0705U5			2	1 3/4										70
0707AC1	0707CS1	0707M1	0707U1	7 1/2	7	1 1/2	1 1/4	7 1/2	5 1/2	6 1/2	9 7/16	12 1/4	3 15/16	1	1 5/8	3 15/16	61
		0707M2	0707U2			1 1/2	1 3/4										70
		0707M4	0707U4			2	1 1/4										75
		0707M5	0707U5			2	1 3/4										84
0707AC1	0707CS1	0707M1	0707U1	7 1/2	10	1 5/8	1 3/8	7 3/16	9 1/8	12 11/16	12 1/4	5 1/2	1 3/4	1 5/8	5 1/2	106	

See facing page for example.
 * Diameter of space available for round dies.

Precision Standard Die Sets

- AC** – All cast punch holder and die shoe.
Shank is integrally cast.
Availability of cast sets are subject to stock on hand.
- CS** – Cast punch holder, milled steel die shoe.
Shank is integrally cast.
Availability of cast punch holder is subject to stock on hand.
- M** – All steel punch holder and die shoe.
Milled flanges.
Shank is screwed and epoxied.
- U** – All steel punch holder and die shoe.
Flanges are flush with die shoe.
Shank is screwed and epoxied.

EXAMPLE: An all steel die set with milled flanges and a 10" by 7" die space, 1 $\frac{5}{8}$ " die shoe and 1 $\frac{3}{8}$ " punch holder is: 1007M1.

When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other. See page 27 for an explanation of the bushing codes). Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



Bushing



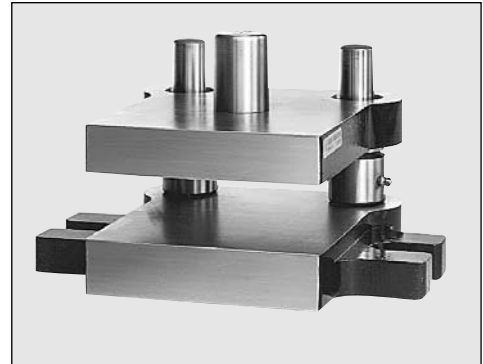
Shank

- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{9}{16}$, 2, 2 $\frac{1}{2}$ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.

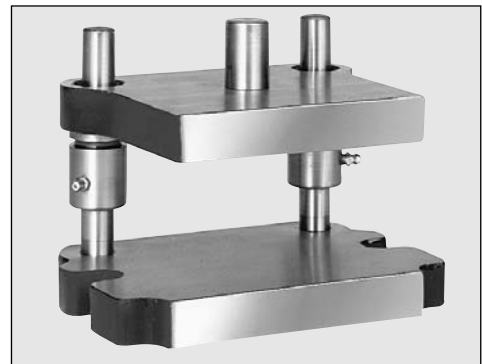
- How shipment should be made.

UNLIMITED THICKNESSES:

Steel punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.



AC, CS, M (Milled)

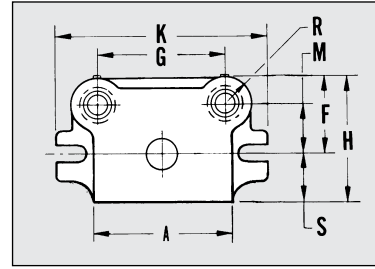
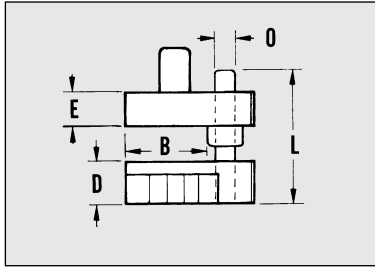


U (Unmilled)



Economy Die Sets see pg's 14-21
Designer Series see pg's 25-25

ACCURATE MANUFACTURING CO.



Catalog Numbers - All Steel				Die Space		Thickness		General Dimensions								Wgt.	
All Cast	Cast PH Steel DS	All Steel Milled Flanges	All Steel Unmilled Flanges	Left to Right A	Front to Back B	Die Holder D	Punch Holder E	C*	F	G	H	K	M	O	R	S	Approx
0804AC1	0804CS1	0804M1	0804U1	8 1/2	4	1 1/2	1 1/4	3 7/8	4	6 5/16	6 7/16	2 7/16	2 7/16	1 3/8	1 5/8	2 7/16	57
		0804M2	0804U2			1 1/2	1 3/4										65
		0804M4	0804U4			2	1 1/4										66
		0804M5	0804U5			2	1 3/4										72
0806AC1	0806CS1	0806M1	0806U1	8 1/2	6	1 1/2	1 1/4	7	5	7 3/4	8 7/16	13 1/4	3 7/16	1	1 5/8	3 7/16	68
		0806M2	0806U2			1 1/2	1 3/4										75
		0806M4	0806U4			2 1/4	1 1/4										80
		0806M5	0806U5			2 1/4	1 3/4										90
0808AC1	0808CS1	0808M1	0808U1	8 1/2	8	1 1/2	1 1/4	8 1/2	6	7 3/4	10 7/16	13 1/4	4 7/16	1	1 5/8	4 7/16	80
		0808M2	0808U2			1 1/2	1 3/4										91
		0808M4	0808U4			2	1 1/4										87
		0808M5	0808U5			2	1 3/4										98
0811AC1	0811CS1	0811M1	0811U1	8 1/2	11	1 3/4	1 1/2		7 11/16	10 1/4	13 11/16	13 1/4	6	1 1/4	1 3/4	6	145
1003AC1	1003CS1	1003M1	1003U1	10	3 1/4	1 1/2	1 1/4		3 5/8	7 3/4	5 11/16	14 7/8	2 1/16	1	1 5/8	2 1/16	53
		1003M2	1003U2			1 1/2	1 3/4										58
		1003M4	1003U4			2	1 1/4										60
		1003M5	1003U5			2	1 3/4										65
1005AC1	1005CS1	1005M1	1005U1	10	5	1 1/2	1 3/8		4 11/16	9 1/8	7 11/16	14 7/8	3	1 1/4	1 3/4	3	67
		1005M2	1005U2			1 1/2	1 3/4										77
		1005M4	1005U4			2	1 3/8										80
		1005M5	1005U5			2	1 3/4										90
		1007M1	1007U1	10	7	1 5/8	1 3/8		5 11/16	9 1/8	9 11/16	14 3/4	4	1 1/4	1 3/4	4	91
		1007M1	1007U1			1 5/8	1 3/4										98
		1007M4	1007U4			2 1/4	1 3/8										105
		1007M5	1007U5			2 1/4	1 3/4										112
		1010M1	1010U1	10	10	1 5/8	1 3/8	10	7 3/16	10 1/4	12 11/16	14 7/8	5 1/2	1 1/4	1 3/4	5 1/2	125
		1010M2	1010U2			1 5/8	1 3/4										140
		1010M4	1010U4			2 1/4	1 3/8										145
		1010M5	1010U5			2 1/4	1 3/4										160
		1012M1	1012U1	10	12	1 3/4	1 1/2		8 3/16	10 1/4	14 11/16	14 7/8	6 1/2	1 1/4	1 3/4	6 1/2	170
		1014M1	1014U1	10	14	1 7/8	1 5/8		9 9/16	14	17 1/8	14 7/8	7 9/16	1 1/2	2 1/16	7 9/16	223
		1107M1	1107U1	11 1/4	7	1 3/4	1 1/2	8	5 11/16	10 1/4	9 11/16	16 1/8	4	1 1/4	1 3/4	4	115
		1107M2	1107U2			1 3/4	1 3/4										131
		1107M4	1107U4			2 1/2	1 1/2										138
		1107M5	1107U5			2 1/2	1 3/4										151
		1109M1	1109U1	11 1/4	9	1 3/4	1 1/2	10	6 11/16	10 1/4	11 11/16	16 1/8	5	1 1/4	1 3/4	5	133
		1109M2	1109U2			1 3/4	1 3/4										146
		1109M4	1109U4			2 1/2	1 1/2										164
		1109M5	1109U5			2 1/2	1 3/4										180

See facing page for example.
 * Diameter of space available for round dies.

Precision Standard Die Sets

- AC** – All cast punch holder and die shoe.
Shank is integrally cast.
Availability of cast sets are subject to stock on hand.
- CS** – Cast punch holder, milled steel die shoe.
Shank is integrally cast.
Availability of cast punch holder is subject to stock on hand.
- M** – All steel punch holder and die shoe.
Milled flanges.
Shank is screwed and epoxied.
- U** – All steel punch holder and die shoe.
Flanges are flush with die shoe.
Shank is screwed and epoxied.

EXAMPLE: An all steel die set with milled flanges and a 15" by 5" die space, 1½" die shoe and 1½" punch holder is: 1505M1.

When placing an order please specify:

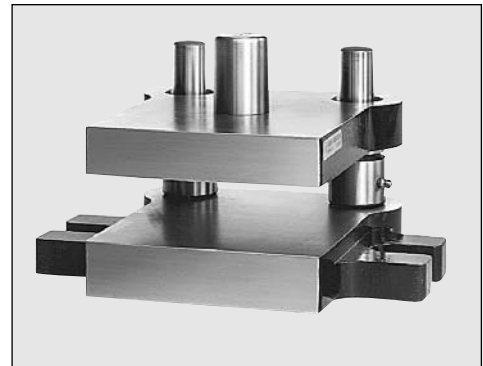
- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other. See page 27 for an explanation of the bushing codes). Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.
- Diameter of punch shank (i.e. ¾, 1, 1¼, 1½, 1⅞, 2, 2½ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.



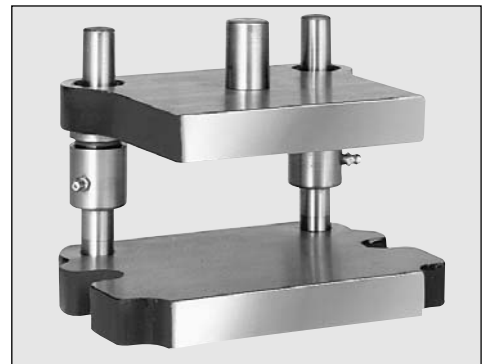
Bushing



Shank



AC, CS, M (Milled)



U (Unmilled)

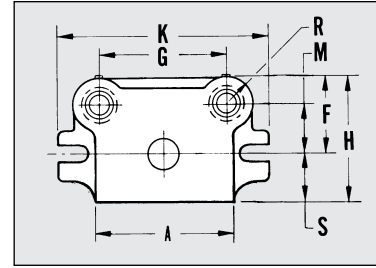
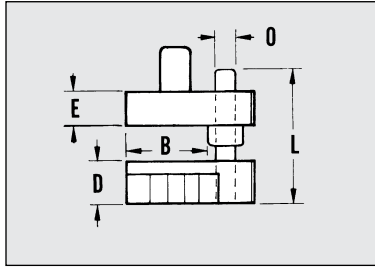


Economy Die Sets see pg's 14-21
Designer Series see pg's 25-25

UNLIMITED THICKNESSES:

Steel punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

ACCURATE MANUFACTURING CO.



Catalog Numbers		Die Space		Thickness		General Dimensions										Wgt.
All Steel Milled Flanges	All Steel Unmilled Flanges	Left to Right A	Front to Back B	Die Holder D	Punch Holder E	C*	F	G	H	K	M	O	R	S	Approx	
1204M1	1204U1	12	4	1 1/2	1 1/2		4 3/16	10 1/4	6 11/16	17 3/8	2 1/2	1 1/4	1 3/4	2 1/2	70	
1204M2	1204U2			1 1/2	2										78	
1204M4	1204U4			2	1 1/2										80	
1204M5	1204U5			2	2										87	
1206M1	1206U1			1 1/2	1 1/2										102	
1206M2	1206U2	1 1/2	2	114												
1206M4	1206U4	12 1/2	6	2	1 1/2	5 3/16	10 1/4	8 11/16	17 1/4	3 1/2	1 1/4	1 3/4	3 1/2	116		
1206M5	1206U5			2	2									128		
1210M1	1210U1			1 3/4	1 5/8									10 3/4	7 9/16	14
1210M2	1210U2	1 3/4	2 1/4	215												
1210M4	1210U4	2 1/2	1 5/8	216												
1210M5	1210U5	2 1/2	2 1/4	246												
1212M1	1212U1	1 3/4	1 3/4	12 1/2	8 9/16	14	15 1/8	17 1/4	6 9/16	1 1/2	2 1/16	6 9/16	212			
1212M2	1212U2	1 3/4	2 1/4										232			
1212M4	1212U4	2 1/2	1 3/4										246			
1212M5	1212U5	2 1/2	2 1/4										268			
1216M1	1216U1	8 1/2	11										2	1 3/4	10 9/16	10 1/4
1410M1	1410U1	14	10	1 3/4	1 5/8	11 1/4	7 9/16	14	13 1/8	19 1/2	5 9/16	1 1/2	2 1/16	5 9/16	212	
1410M4	1410U4			2 3/4	1 5/8										260	
1414M1	1414U1			1 3/4	1 5/8										14	9 9/16
1414M4	1414U4	2 1/2	1 5/8	284												
1505M1	1505U1	15	5	1 1/2	1 1/2		5 1/16	14	8 1/8	19 7/8	3 1/16	1 1/2	2 1/16	3 1/16	96	
1505M2	1505U2			1 1/2	2										107	
1505M4	1505U4			2	1 1/2										110	
1505M5	1505U5			2	2										120	
1507M1	1507U1			1 1/2	1 1/2										15	7
1507M2	1507U2	1 1/2	2	150												
1507M4	1507U4	2	1 1/2	153												
1507M5	1507U5	2	2	168												
1509M1	1509U1	1 1/2	1 1/2	15	9		7 1/16	14	12 1/8	19 7/8	5 1/16	1 1/2	2 1/16	5 1/16		
1509M2	1509U2	1 1/2	2												206	
1509M4	1509U4	2	1 1/2												208	
1509M5	1509U5	2	2												230	
1805M1	1805U1	1 1/2	1 1/2												18	5
1805M2	1805U2	1 1/2	2	130												
1805M4	1805U4	2	1 1/2	134												
1805M5	1805U5	2	2	146												
1808M1	1808U1	1 1/2	1 1/2	18	8		6 9/16	16 3/4	11 1/8	23 3/4	4 9/16	1 1/2	2 1/16	4 9/16		
1808M2	1808U2	1 1/2	2												192	
1808M4	1808U4	2	1 1/2												196	
1808M5	1808U5	2	2												214	

See facing page for example.
 * Diameter of space available for round dies.

Precision Standard Die Sets

- AC** – All cast punch holder and die shoe.
Shank is integrally cast.
Availability of cast sets are subject to stock on hand.
- CS** – Cast punch holder, milled steel die shoe.
Shank is integrally cast.
Availability of cast punch holder is subject to stock on hand.
- M** – All steel punch holder and die shoe.
Milled flanges.
Shank is screwed and epoxied.
- U** – All steel punch holder and die shoe.
Flanges are flush with die shoe.
Shank is screwed and epoxied.

EXAMPLE: An all steel die set with milled flanges and a 20" by 8" die space, 1 $\frac{3}{4}$ " die shoe and 1 $\frac{1}{2}$ " punch holder is: 2008M1.

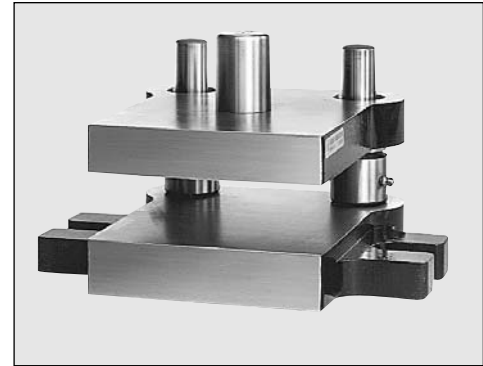
When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other. See page 27 for an explanation of the bushing codes). Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.
- Diameter of punch shank (i.e. $\frac{3}{4}$ ", 1, 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{9}{16}$ ", 2, 2 $\frac{1}{2}$ " or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.

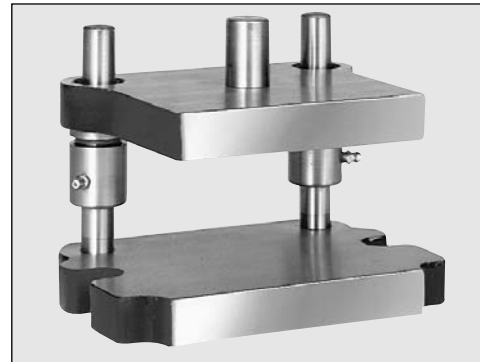


UNLIMITED THICKNESSES:

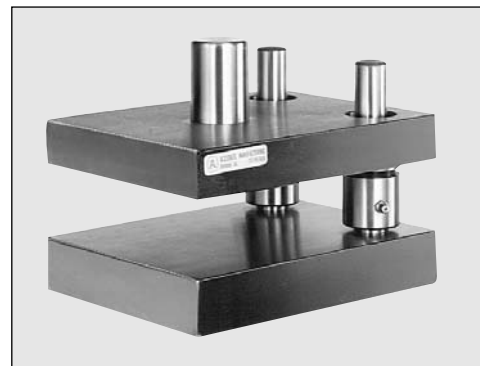
Steel punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.



AC, CS, M (Milled)

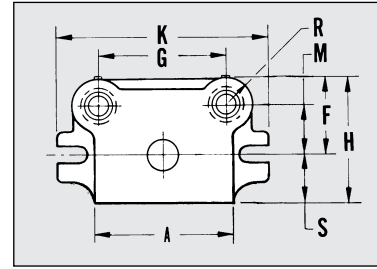
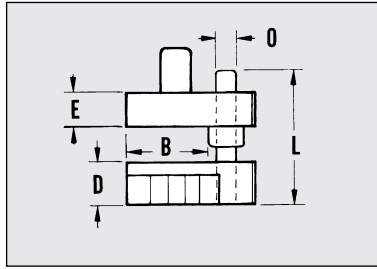


U (Unmilled)



Economy Die Sets see pg's 14-21
Designer Series see pg's 25-25

A C C U R A T E M A N U F A C T U R I N G C O .



Catalog Numbers		Die Space		Thickness		General Dimensions									Wgt.
All Steel Milled Flanges	All Steel Unmilled Flanges	Left to Right A	Front to Back B	Die Holder D	Punch Holder E	C*	F	G	H	K	M	O	R	S	Approx
1810M1	1810U1	18	10	1 1/2	1 1/2		7 9/16	16 3/4	13 1/8	22 3/4	5 9/16	1 1/2	2 1/16	5 9/16	237
1810M4	1810U4			2	1 1/2										264
1812M1	1812U1	18	12	2	1 3/4		8 9/16	16 3/4	15 1/8	22 3/4	6 9/16	1 1/2	2 1/16	6 9/16	295
1812M4	1812U4			2 1/2	1 3/4										322
1814M1	1814U1	18	14	2	1 3/4	15	9 9/16	16 3/4	17 1/8	22 3/4	7 9/16	1 1/2	2 1/16	7 9/16	353
1814M4	1814U4			2 1/2	1 3/4										390
1816M1	1816U1	18	16	2	1 3/4	17	10 9/16	16 3/4	19 1/8	22 3/4	8 9/16	1 1/2	2 1/16	8 9/16	388
1816M4	1816U4			2 1/2	1 3/4										418
2005M1	2005U1	20	5	1 3/4	1 1/2		5 1/16	16 3/4	8 1/8	24 7/8	3 1/16	1 1/2	2 1/16	3 1/16	168
2005M2	2005U2			1 3/4	2										183
2005M4	2005U4			2 1/2	1 1/2										188
2005M5	2005U5			2 1/2	2										204
2008M1	2008U1			20	8										1 3/4
2008M2	2008U2	1 3/4	2			260									
2008M4	2008U4	2 1/4	1 1/2			266									
2008M5	2008U5	2 1/4	2			283									
2012M1	2012U1	20	12			1 3/4	1 1/2		8 9/16	16 3/4	15 1/8	24 7/8	6 9/16	1 1/2	2 1/16
2012M4	2012U4			2 1/4	1 1/2	343									
2014M1	2014U1	20	14	2	1 1/2		9 9/16	16 3/4	17 1/8	24 7/8	7 9/16	1 1/2	2 1/16	7 9/16	360
2014M4	2014U4			2 1/2	1 1/2										400
2206M1	2206U1	22 1/2	6	1 3/4	1 3/4		5 9/16	16 3/4	9 1/8	27 3/8	3 9/16	1 1/2	2 1/16	3 9/16	206
2206M2	2206U2			1 3/4	2										242
2206M4	2206U4			2 1/2	1 3/4										235
2206M5	2206U5			2 1/2	2										268
2209M1	2209U1			22 1/2	9										1 3/4
2209M2	2209U2	1 3/4	2			318									
2209M4	2209U4	2 1/4	1 1/2			318									
2209M5	2209U5	2 1/4	2			345									
2212M1	2212U1	22 1/2	12			2	1 1/2		8 9/16	16 3/4	15 1/8	27 3/8	6 9/16	1 1/2	2 1/16
2212M4	2212U4			2 1/2	1 1/2	393									
2216M1	2216U1	22 1/2	16	2	1 1/2		10 9/16	16 3/4	19 1/8	27 3/8	8 9/16	1 1/2	2 1/16	8 9/16	456
2216M4	2216U4			2 1/2	1 1/2										510
2507M1	2507U1	25	7	1 3/4	1 1/2		6 1/16	19 1/2	10 1/8	29 7/8	4 1/16	1 1/2	2 1/16	4 1/16	253
2507M4	2507U4			2 1/4	1 1/2										275
2511M1	2511U1	25	11	1 3/4	1 1/2		8 1/16	19 1/2	14 1/8	29 7/8	6 1/16	1 1/2	2 1/16	6 1/16	362
2511M4	2511U4			2 1/4	1 1/2										398
2514M1	2514U1	25	14	1 3/4	1 1/2		9 9/16	19 1/2	17 1/8	29 7/8	7 9/16	1 1/2	2 1/16	7 9/16	437
2514M4	2514U4			2 1/4	1 1/2										489

See facing page for example.
 * Diameter of space available for round dies.

Economy Die Sets

When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other See page 27 for an explanation of the bushing codes).
Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



Bushing



Shank

- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{9}{16}$, 2, $2\frac{1}{2}$ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.

UNLIMITED THICKNESSES:

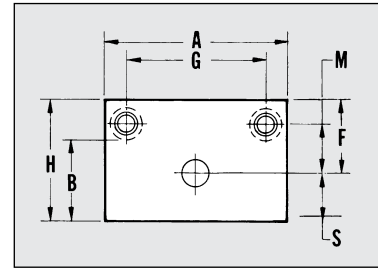
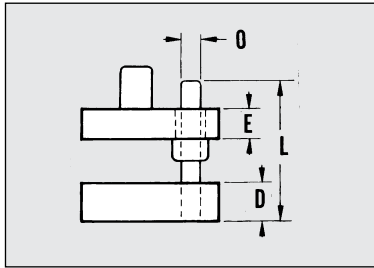
Punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

CLAMPING HOLES:

If clamping holes are desired, four $\frac{3}{16}$ " diameter holes will be drilled in the sides of the die shoe $\frac{7}{8}$ " up from its base and along the center lines of the shank position.



ACCURATE MANUFACTURING CO.



Die Space		Thickness		Catalog No.	C*	General Dimensions						Wgt. Approx.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E			F	G	H	M	O	S	
5	4	1 ³ / ₈	1 ¹ / ₄	0504E1	4 ¹ / ₄	3 ¹ / ₄	3 ¹ / ₄	5 ⁹ / ₁₆	2 ³ / ₈	3 ³ / ₄	2 ⁵ / ₁₆	30
		1 ³ / ₄	1 ¹ / ₄	0504E4								35
5	5	1 ¹ / ₂	1 ¹ / ₄	0505E1	5	3 ³ / ₄	3 ¹ / ₄	6 ⁹ / ₁₆	2 ⁷ / ₈	3 ³ / ₄	2 ¹³ / ₁₆	38
		1 ¹ / ₂	1 ³ / ₄	0505E2								43
		2	1 ¹ / ₄	0505E4								46
		2	1 ³ / ₄	0505E5								53
		1 ¹ / ₂	1 ¹ / ₄	0508E1								59
6 ¹ / ₂	3	1 ¹ / ₂	1 ¹ / ₄	0603E1	3 ⁷ / ₁₆	4	5 ⁵ / ₁₆	1 ¹⁵ / ₁₆	7 ⁷ / ₈	1 ⁷ / ₈	35	
		1 ¹ / ₂	1 ³ / ₄	0603E2							38	
		2	1 ¹ / ₄	0603E4							39	
		2	1 ³ / ₄	0603E5							43	
6 ¹ / ₂	4	1 ¹ / ₂	1 ¹ / ₄	0604E1	3 ¹⁵ / ₁₆	4	6 ⁵ / ₁₆	2 ⁷ / ₁₆	7 ⁷ / ₈	2 ³ / ₈	41	
		1 ¹ / ₂	1 ³ / ₄	0604E2							44	
		1 ³ / ₄	1 ¹ / ₄	0604E4							45	
		1 ³ / ₄	1 ³ / ₄	0604E5							49	
6 ¹ / ₂	6	1 ¹ / ₂	1 ¹ / ₄	0606E1	6 ¹ / ₂	3 ¹⁵ / ₁₆	4	8 ⁵ / ₁₆	3 ⁷ / ₁₆	7 ⁷ / ₈	3 ³ / ₈	53
		1 ¹ / ₂	1 ³ / ₄	0606E2								60
		2	1 ¹ / ₄	0606E4								60
		2	1 ³ / ₄	0606E5								67
6 ¹ / ₂	9	1 ¹ / ₂	1 ³ / ₈	0609E1	6 ⁷ / ₁₆	4	11 ⁵ / ₁₆	4 ¹⁵ / ₁₆	7 ⁷ / ₈	4 ⁷ / ₈	88	
7 ¹ / ₂	5	1 ¹ / ₂	1 ¹ / ₄	0705E1	4 ³ / ₈	5 ¹ / ₈	7 ⁵ / ₁₆	2 ¹⁵ / ₁₆	1	2 ¹⁵ / ₁₆	59	
		1 ¹ / ₂	1 ³ / ₄	0705E2							64	
		2	1 ¹ / ₄	0705E4							64	
		2	1 ³ / ₄	0705E5							69	
7 ¹ / ₂	7	1 ¹ / ₂	1 ¹ / ₄	0707E1	7 ¹ / ₂	5 ³ / ₈	5 ¹ / ₈	9 ⁵ / ₁₆	3 ¹⁵ / ₁₆	1	3 ¹⁵ / ₁₆	61
		1 ¹ / ₂	1 ³ / ₄	0707E2								70
		2	1 ¹ / ₄	0707E4								70
		2	1 ³ / ₄	0707E5								80
7 ¹ / ₂	10	1 ⁵ / ₈	1 ³ / ₈	0710E1	6 ⁷ / ₈	5 ¹ / ₈	12 ⁵ / ₁₆	5 ⁷ / ₁₆	1	5 ⁷ / ₁₆	106	
8 ¹ / ₂	4	1 ¹ / ₂	1 ¹ / ₄	0804E1	3 ⁷ / ₈	5 ¹ / ₈	6 ⁵ / ₁₆	2 ⁷ / ₁₆	1	2 ⁷ / ₁₆	57	
		1 ¹ / ₂	1 ³ / ₄	0804E2							65	
		2	1 ¹ / ₄	0804E4							66	
		2	1 ³ / ₄	0804E5							72	
8 ¹ / ₂	6	1 ¹ / ₂	1 ¹ / ₄	0806E1	4 ⁷ / ₈	5 ¹ / ₈	8 ⁵ / ₁₆	3 ⁷ / ₁₆	1	3 ⁷ / ₁₆	68	
		1 ¹ / ₂	1 ³ / ₄	0806E2							75	
		2 ¹ / ₄	1 ¹ / ₄	0806E4							80	
		2 ¹ / ₄	1 ³ / ₄	0806E5							90	

* Diameter of space available for round dies.

Economy Die Sets

When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other See page 27 for an explanation of the bushing codes).
Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



Bushing



Shank

- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{9}{16}$, 2, $2\frac{1}{2}$ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.

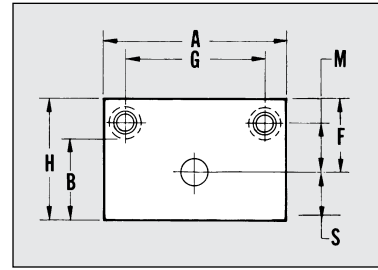
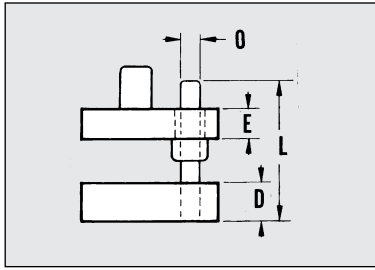
UNLIMITED THICKNESSES:

Punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

CLAMPING HOLES:

If clamping holes are desired, four $\frac{3}{16}$ " diameter holes will be drilled in the sides of the die shoe $\frac{7}{8}$ " up from its base and along the center lines of the shank position.





Die Space		Thickness		Catalog No.	General Dimensions							Wgt. Approx.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E		C*	F	G	H	M	O	S	
8 1/2	8	1 1/2	1 1/4	0808E1	8 1/2	5 7/8	5 1/8	10 5/16	4 7/16	1	4 7/16	80
		1 1/2	1 3/4	0808E2								91
		2	1 1/4	0808E4								87
		2	1 3/4	0808E5								98
8 1/2	11	1 3/4	1 1/2	0811E1		7 3/8	5 1/8	13 5/16	5 15/16	1	5 15/16	145
10	3 1/4	1 1/2	1 1/4	1003E1	3 1/2	6 1/2	5 11/16	2 1/16	1	2 3/16	53	
		1 1/2	1 3/4	1003E2							58	
		2	1 1/4	1003E4							56	
		2	1 3/4	1003E5							63	
10	5	1 1/2	1 3/8	1005E1	4 7/16	6 1/2	7 7/16	3	1 1/4	3	67	
		1 1/2	1 3/4	1005E2							74	
		2	1 3/8	1005E4							77	
		2	1 3/4	1005E5							85	
10	7	1 5/8	1 3/8	1007E1	5 7/16	6 1/2	9 7/16	4	1 1/4	4	86	
		1 5/8	1 3/4	1007E2							96	
		2 1/4	1 3/8	1007E4							103	
		2 1/4	1 3/4	1007E5							113	
10	10	1 5/8	1 3/8	1010E1	10	6 15/16	6 1/2	12 7/16	5 1/2	1 1/4	5 1/2	125
		1 5/8	1 3/4	1010E2								140
		2 1/4	1 3/8	1010E4								145
		2 1/4	1 3/4	1010E5								160
10	12	1 3/4	1 1/2	1012E1		7 15/16	6 1/2	14 7/16	6 1/2	1 1/4	6 1/2	170
10	14	1 7/8	1 5/8	1014E1		8 15/16	6 1/2	16 7/16	7 1/2	1 1/4	7 1/2	223
11 1/4	7	1 3/4	1 1/2	1107E1	5 7/16	7 3/4	9 7/16	4	1 1/4	4	115	
		1 3/4	1 3/4	1107E2							131	
		2 1/2	1 1/2	1107E4							138	
		2 1/2	1 3/4	1107E5							151	
11 1/4	9	1 3/4	1 1/2	1109E1	6 7/16	7 3/4	11 7/16	5	1 1/4	5	133	
		1 3/4	1 3/4	1109E2							146	
		2 1/2	1 1/2	1109E4							164	
		2 1/2	1 3/4	1109E5							180	

* Diameter of space available for round dies.

Economy Die Sets

When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other See page 27 for an explanation of the bushing codes).
Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{9}{16}$, 2, $2\frac{1}{2}$ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.

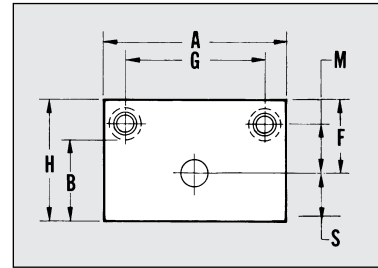
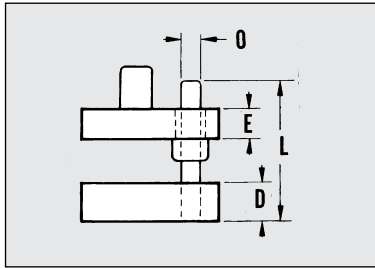
UNLIMITED THICKNESSES:

Punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

CLAMPING HOLES:

If clamping holes are desired, four $\frac{3}{16}$ " diameter holes will be drilled in the sides of the die shoe $\frac{7}{8}$ " up from its base and along the center lines of the shank position.





Die Space		Thickness		Catalog No.	General Dimensions							Wgt.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E		C*	F	G	H	M	O	S	Approx.
12 1/2	4	1 1/2	1 1/2	1204E1		4	9 1/8	6 11/16	2 5/16	1 1/4	2 11/16	70
		1 1/2	2	1204E2								78
		2	1 1/2	1204E4								78
		2	2	1204E5								87
12 1/2	6	1 1/2	1 1/2	1206E1		5	9 1/8	8 11/16	3 5/16	1 1/4	3 11/16	102
		1 1/2	2	1206E2								114
		2	1 1/2	1206E4								114
		2	2	1206E5								126
12 1/2	10	1 3/4	1 5/8	1210E1		7	9 1/8	12 11/16	5 5/16	1 1/4	5 11/16	185
		1 3/4	2 1/4	1210E2								215
		2 1/2	1 5/8	1210E4								216
		2 1/2	2 1/4	1210E5								246
12 1/2	12	1 3/4	1 3/4	1212E1	12 1/2	8	9 1/8	14 11/16	6 5/16	1 1/4	6 11/16	212
		1 3/4	2 1/4	1212E2								232
		2 1/2	1 3/4	1212E4								246
		2 1/2	2 1/4	1212E5								268
12 1/2	16	2	1 3/4	1216E1		10	9 1/8	18 11/16	8 5/16	1 1/4	8 11/16	302
14	10	1 3/4	1 5/8	1410E1		7 9/16	10 1/4	13 1/8	5 9/16	1 1/2	5 9/16	212
		2 3/4	1 5/8	1410E4								260
14	14	1 3/4	1 5/8	1414E1	14	9 9/16	10 1/4	17 1/8	7 9/16	1 1/2	7 9/16	248
		2 1/2	1 5/8	1414E4								284
15	5	1 1/2	1 1/2	1505E1		5 1/16	10 1/4	8 1/8	3 1/16	1 1/2	3 1/16	96
		1 1/2	2	1505E2								107
		2	1 1/2	1505E4								107
		2	2	1505E5								118
15	7	1 1/2	1 1/2	1507E1		6 1/16	10 1/4	10 1/8	4 1/16	1 1/2	4 1/16	133
		1 1/2	2	1507E2								150
		2	1 1/2	1507E4								150
		2	2	1507E5								167
15	9	1 1/2	1 1/2	1509E1		7 1/16	10 1/4	12 1/8	5 1/16	1 1/2	5 1/16	183
		1 1/2	2	1509E2								206
		2	1 1/2	1509E4								206
		2	2	1509E5								229
18	5	1 1/2	1 1/2	1805E1		5 1/16	14	8 1/8	3 1/16	1 1/2	3 1/16	118
		1 1/2	2	1805E2								130
		2	1 1/2	1805E4								130
		2	2	1805E5								142
18	8	1 1/2	1 1/2	1808E1		6 9/16	14	11 1/8	4 9/16	1 1/2	4 9/16	174
		1 1/2	2	1808E2								194
		2	1 1/2	1808E4								194
		2	2	1808E5								214

* Diameter of space available for round dies.

Economy Die Sets

When placing an order please specify:

- Catalog number and quantity required.
- Length of guide post (measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other See page 27 for an explanation of the bushing codes).
Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.



Bushing



Shank

- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{9}{16}$, 2, $2\frac{1}{2}$ or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.

UNLIMITED THICKNESSES:

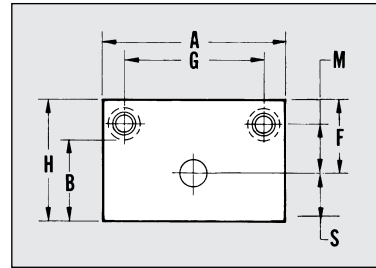
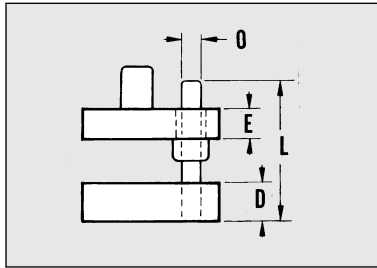
Punch holders and die shoes can be made to any thickness. Please specify 'D' (die shoe) and 'E' (punch holder) dimensions when ordering.

CLAMPING HOLES:

If clamping holes are desired, four $\frac{3}{16}$ " diameter holes will be drilled in the sides of the die shoe $\frac{7}{8}$ " up from its base and along the center lines of the shank position.



ACCURATE MANUFACTURING CO.



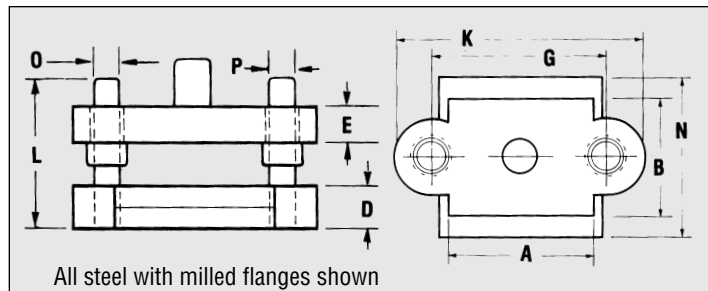
Die Space		Thickness		Catalog No.	General Dimensions							Wgt. Approx.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E		C*	F	G	H	M	O	S	
18	10	1 1/2	1 1/2	1810E1		7 9/16	14	13 1/8	5 9/16	1 1/2	5 9/16	233
		2	1 1/2	1810E4								264
18	12	2	1 3/4	1812E1		8 9/16	14	15 1/8	6 9/16	1 1/2	6 9/16	295
		2 1/2	1 3/4	1812E4								322
18	14	2	1 3/4	1814E1		9 9/16	14	17 1/8	7 9/16	1 1/2	7 9/16	353
		2 1/2	1 3/4	1814E4								390
18	16	2	1 3/4	1816E1		10 9/16	14	19 1/8	8 9/16	1 1/2	8 9/16	388
		2 1/2	1 3/4	1816E4								418
20 3/4	5	1 3/4	1 1/2	2005E1		5 1/16	16 3/4	8 1/8	3 1/16	1 1/2	3 1/16	168
		1 3/4	2	2005E2								183
		2 1/2	1 1/2	2005E4								188
		2 1/2	2	2005E5								204
20 3/4	8	1 3/4	1 1/2	2008E1		6 9/16	16 3/4	11 1/8	4 9/16	1 1/2	4 9/16	242
		1 3/4	2	2008E2								260
		2 1/4	1 1/2	2008E4								266
		2 1/4	2	2008E5								283
20 3/4	12	1 3/4	1 1/2	2012E1		8 9/16	16 3/4	15 1/8	6 9/16	1 1/2	6 9/16	307
		2 1/4	1 1/2	2012E4								343
20 3/4	14	1 3/4	1 1/2	2014E1		9 9/16	16 3/4	17 1/8	7 9/16	1 1/2	7 9/16	360
		2 1/4	1 1/2	2014E4								400
22 1/2	6	1 3/4	1 1/2	2206E1		5 9/16	16 3/4	9 1/8	3 9/16	1 1/2	3 9/16	206
		1 3/4	2	2206E2								242
		2	1 1/2	2206E4								235
		2	2	2206E5								268
22 1/2	9	1 3/4	1 1/2	2209E1		7 1/16	16 3/4	12 1/8	5 1/16	1 1/2	5 1/16	290
		1 3/4	2	2209E2								318
		2 1/4	1 1/2	2209E4								318
		2 1/4	2	2209E5								346
22 1/2	12	1 1/2	1 1/2	2212E1		8 9/16	16 3/4	15 1/8	6 9/16	1 1/2	6 9/16	352
		1 1/2	1 1/2	2212E4								393
22 1/2	16	2	1 1/2	2216E1		10 9/16	16 3/4	19 1/8	8 9/16	1 1/2	8 9/16	456
		2 1/2	1 1/2	2216E4								510
25	7	2	1 1/2	2507E1		6 1/16	19 1/2	10 1/8	4 1/16	1 1/2	4 1/16	253
		2 1/2	1 1/2	2507E4								275
25	11	1 3/4	1 1/2	2511E1		8 1/16	19 1/2	14 1/8	6 1/16	1 1/2	6 1/16	362
		2 1/4	1 1/2	2511E4								398
25	14	1 3/4	1 1/2	2514E1		9 1/16	19 1/2	17 1/8	7 9/16	1 1/2	7 11/16	437
		2 1/4	1 1/2	2514E4								489

* Diameter of space available for round dies.

Precision Center Post Die Sets

ANY SIZE OR THICKNESS:

Precision center post die sets are torch cut at the time of order so variations in sizes and thicknesses are easily accommodated. The table below reflects the sizes of the most commonly ordered die sets. When ordering a set not listed below, please supply the A, B, O, and P dimensions in addition to the normal ordering information. See facing page.



Die Space		Thickness		Catalog No.		General Dimensions					Wgt.
Left to Right A	Front to Back B	Die Holder D	Punch Holder E	All Steel Milled Flanges	All Steel Unmilled Flanges	G	K	N	O	P	Approx.
3	4	1	1	C0304M1	C0304U1	4 1/2	7	5 1/2	3/4	7/8	16
4 3/4	4 1/2	1 3/8	1 1/4	C0404M1	C0404U1	6 1/4	9	6 1/4	7/8	1	35
6	3 1/2	1 1/2	1 1/2	C0603M1	C0603U1	7 1/4	10	5 1/4	1	1 1/4	37
6	4 3/4	1 1/2	1 1/2	C0604M1	C0604U1			6 1/2	1	1 1/4	44
6	7 1/2	1 1/2	1 1/2	C0607M1	C0607U1			9 1/4	1	1 1/4	58
6	10	1 1/2	1 1/2	C0610M1	C0610U1			11 3/4	1	1 1/4	70
7	5 1/2	1 1/2	1 1/2	C0705M1	C0705U1	8 1/4	11 1/2	7 1/4	1	1 1/4	52
7	7 1/2	1 1/2	1 1/2	C0707M1	C0707U1	8 1/4	11 1/2	9 1/4	1 1/4	1 1/2	62
7	10	1 1/2	1 1/2	C0710M1	C0710U1	8 1/4	11 1/2	11 3/4	1 1/4	1 1/2	78
8 1/2	6	1 1/2	1 1/2	C0806M1	C0806U1	9 3/4	13	8	1	1 1/4	70
8 1/2	8	1 1/2	1 1/2	C0808M1	C0808U1	9 3/4	13	10	1	1 1/4	85
10 1/2	6	1 1/2	1 1/2	C1006M1	C1006U1	12	15 1/4	7 3/4	1	1 1/4	84
10 1/2	8	1 1/2	1 1/2	C1008M1	C1008U1	12	15 1/4	9 3/4	1 1/4	1 1/2	98
10 1/2	10 1/2	1 1/2	1 1/2	C1010M1	C1010U1	12	15 1/4	12 1/4	1 1/4	1 1/2	120
12	9	1 1/2	1 1/2	C1209M1	C1209U1	14	18	12	1 1/4	1 1/2	150
12	12	2	1 3/4	C1212M1	C1212U1	14	18	16	1 1/4	1 1/2	205
14	10	2	1 3/4	C1410M1	C1410U1	16	20	14	1 1/4	1 1/2	223
14	14	2	1 3/4	C1414M1	C1414U1	16	20	18	1 1/4	1 1/2	265
15	15	2	1 3/4	C1515M1	C1515U1	17	21	19	1 1/4	1 1/2	295
16	12	2	1 3/4	C1612M1	C1612U1	18	22	19	1 1/4	1 1/2	257
16	16	2	1 3/4	C1616M1	C1616U1	18	22 1/2	20	1 1/2	1 3/4	350

Steel Round Die Sets

When ordering please specify:

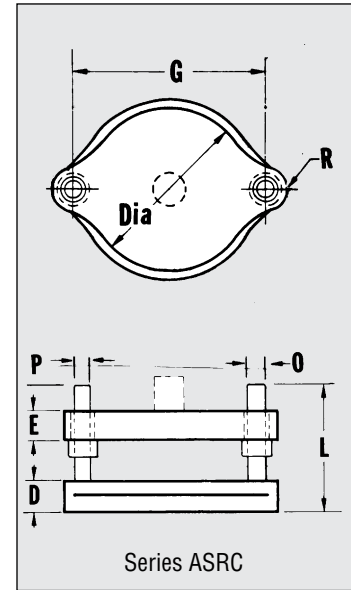
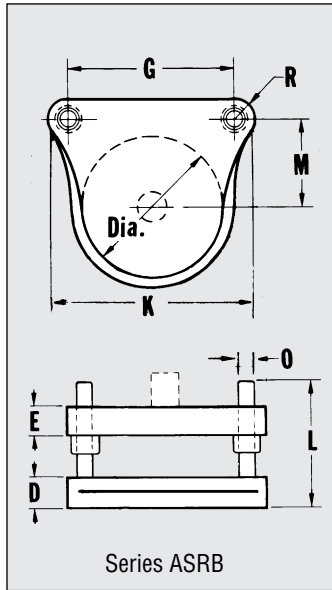
- Catalog number and quantity required.
- Thickness of punch holder ('E' dimension) and die shoe ('D' dimension).
- Length of guide post. (Measure from bottom of die shoe to top of pin).
- Bushing code (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other See page 27 for an explanation of the bushing codes). Bronze plated bushings are wring fit only. Steel shoulder bushings are normally press fit, but upon request, can be wring fit or press fit with clamps and screws.
- Diameter of punch shank (i.e. 3/4, 1, 1 1/4, 1 1/2, 1 5/8, 2, 2 1/2 or 3. See page 27 for specifications). State 'NO SHANK' if no shank is required.
- How shipment should be made.



Bushing



Shank



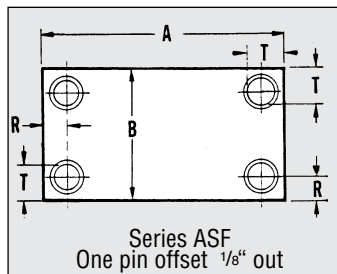
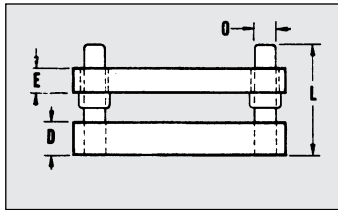
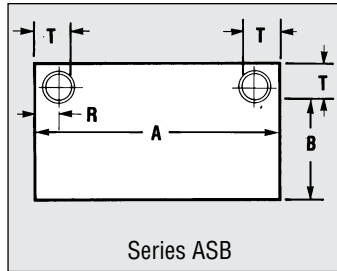
These die sets may not be returned for credit.

Diameter	Thickness		Style ASRB						Style ASRC				
	D	E	M	G	K	O	R	Catalog Number	G	O	P	R	Catalog Number
4	Specify Die Holder Thickness	Specify Punch Holder Thickness	2 1/2	3 1/4	6	3/4	1 1/4	ASRB4	5 1/2	3/4	7/8	1 3/8	ASRC4
6			3 1/4	5 1/8	8 1/8	1	1 1/2	ASRB6	8	7/8	1	1 1/2	ASRC6
8			4	6 1/2	9 1/2	1	1 1/2	ASRB8	10	1	1 1/4	1 3/4	ASRC8
10			4 3/4	7 3/4	10 3/4	1	1 1/2	ASRB10	12	1	1 1/4	1 3/4	ASRC10
12			5 1/2	9 1/8	12 5/8	1 1/4	1 3/4	ASRB12	14	1	1 1/4	1 3/4	ASRC12
14			6	12	15 1/2	1 1/4	1 3/4	ASRB14	16 1/2	1 1/4	1 1/2	2	ASRC14
16			7	14	18	1 1/2	2	ASRB16	18 1/2	1 1/4	1 1/2	2	ASRC16
18			8	17	21	1 1/2	2	ASRB18	21	1 1/2	1 3/4	2 1/4	ASRC18
20			9	20	24 1/2	1 3/4	2 1/4	ASRB20	23	1 1/2	1 3/4	2 1/4	ASRC20
24			11	24	28 1/2	1 3/4	2 1/4	ASRB24	27 1/2	1 3/4	2	2 1/2	ASRC24
28			13	28	33	2	2 1/2	ASRB28	31 1/2	1 3/4	2	2 1/2	ASRC28
30			14	30	35	2	2 1/2	ASRB30	33 1/2	1 3/4	2	2 1/2	ASRC30
32			15	30	36	2 1/2	3	ASRB32	36	2	2 1/2	3	ASRC32
36			17	34	40	2 1/2	3	ASRB36	40	2	2 1/2	3	ASRC36
40			19	38	44	2 1/2	3	ASRB40	44	2	2 1/2	3	ASRC40
44			21	42	49	3	3 1/2	ASRB44	49	2 1/2	3	3 1/2	ASRC44
48	23	46	53	3	3 1/2	ASRB48	53	2 1/2	3	3 1/2	ASRC48		

(818) 240-4840 • FAX (818) 240-0966 • (888) 925-4840

Designers Series All Steel Die Sets

UNLIMITED SIZES



2 POST SERIES - Suggested Minimum Dimensions

A	B	D	E	O	P	T
6-11	6-8	1 1/2	1 1/4	1 1/4	1	2 3/8
	9-11	1 1/2	1 1/2	1 1/2	1 1/4	2 3/4
12-17	6-11	1 1/2	1 1/2	1 1/2	1 1/4	2 3/4
	12-17	1 3/4	1 3/4	1 3/4	1 1/2	3 1/8
18-23	6-11	1 1/2	1 1/2	1 1/2	1 1/4	2 3/4
	12-23	1 3/4	1 3/4	1 3/4	1 1/2	3 1/8
24-29	6-8	1 1/2	1 1/2	1 1/2	1 1/4	2 3/4
	9-17	1 3/4	1 3/4	1 3/4	1 1/2	3 1/8
30-44	18-29	2	2	2	1 3/4	3 1/2
	6-11	1 3/4	1 3/4	1 3/4	1 1/2	3 1/8
45-69	12-17	2	2	2	1 3/4	3 1/2
	18-44	2 1/2	2	2 1/2	2	4 1/4
70-100	6-11	2	2	2	1 3/4	3 1/2
	12-23	2 1/2	2	2 1/2	2	4 1/4
	24-60	3 1/2	3	3	2 1/2	5

4 POST SERIES - Suggested Minimum Dimensions

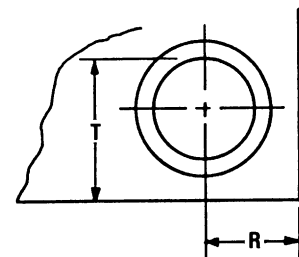
A	B	D	E	O	T
6-11	6-8	1 1/4	1	1	2
	9-11	1 1/2	1		
12-17	6-8	1 1/2	1	1 1/4	2 3/8
	9-17	1 1/2	1 1/4		
18-23	6-11	1 1/2	1 1/2	1 1/2	2 3/4
	12-23	1 3/4	1 1/2		
24-29	6-8	1 1/2	1 3/4	1 3/4	3 1/8
	9-17	1 3/4	1 3/4		
30-44	18-29	2	1 3/4	2	3 1/2
	6-11	1 3/4	2		
45-69	12-23	2	2	2	3 1/2
	24-44	2 1/2	2		
70-100	6-11	2	2	2 1/2	4 1/4
	12-23	2 1/2	2		
	18-29	3	2 1/2	2 1/2	4 1/4
	30-60	3 1/2	3		

To determine the standard distance from the edge of the plate to the inside edge of the pin or T dimension, use this chart.

Pin Diameter	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3
T Dimension	1 5/8	1 13/16	2	2 3/8	2 3/4	3 1/8	3 1/2	4 1/4	5

PIN LOCATION FORMULA:

R dim. = Pin Diam. + 1/2"



Designers Series All Steel Die Sets

UNLIMITED SIZES

When ordering, please specify:

- Series (ASB, ASC, ASD, ASF) and quantity.
- Die space dimensions A and B.
- Thickness dimensions D and E.
- Diameter of guide posts. (O dimension, include P dimension on ASC and ASD sets).
- Overall length of guide posts (L dimension).
- Type of bushing (i.e. AA, AX, SS, LS, AC, LAC, XLS, or other. See page 27 for bushing details). Bronze plate bushings are wring fit. Steel shoulder bushings are press fit unless wring fit or clamps and screws are requested. Ball bearing bushings are quoted upon application.
- Diameter of punch shank (i.e. $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{5}{8}$, 2, $2\frac{1}{2}$, or 3). State 'NO SHANK' if shank is not required. (See page 27 for specifications.)
- Special dimensions as required.
- How shipment should be made.



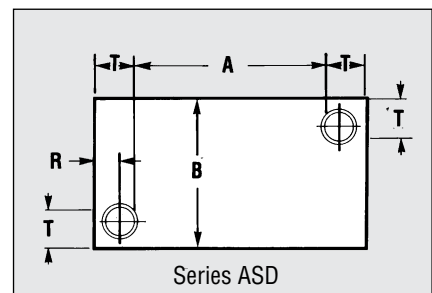
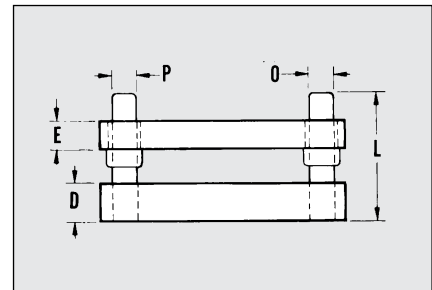
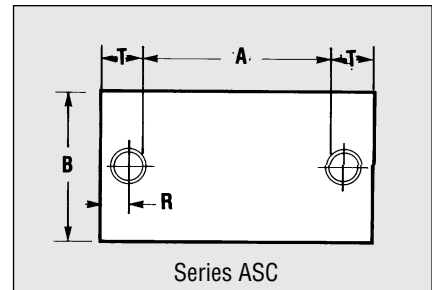
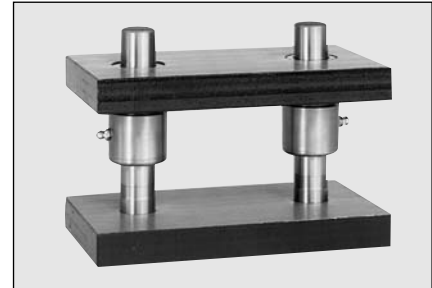
Bushing



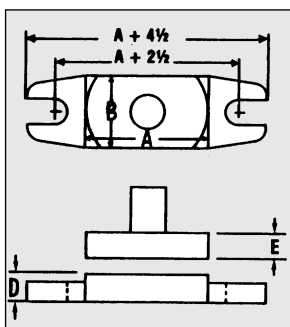
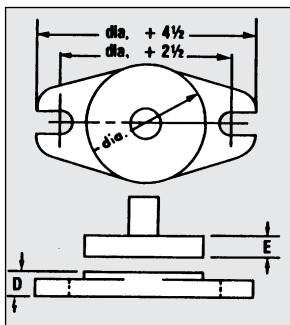
Shank

These die sets may not be returned for credit.

Please supply a print or sketch when hole patterns, CNC machining or special torch cuts are required.



Open Semi-Steel or All Steel Die Sets



Other sizes available upon request.

When ordering, please specify:

- Catalog number and quantity.
- Diameter of shank (i.e. $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{9}{16}$, 2, 2 $\frac{1}{2}$, or 3.) or 'NO SHANK.'
- Cast or Steel: Availability of cast (semi-steel) is subject to stock on hand.
- D and E dimensions if other than shown.
- How shipment should be made.

ROUND

Die Space	Thickness		Catalog No.	
Diameter	D	E	Die Holder	Punch Holder
2	1 $\frac{1}{4}$	1	ACOD002	ACOP002
3	1 $\frac{1}{4}$	1	ACOD003	ACOP003
4	1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD004	ACOP004
5	1 $\frac{1}{2}$	1 $\frac{1}{4}$	ACOD005	ACOP005
6	1 $\frac{1}{2}$	1 $\frac{1}{4}$	ACOD006	ACOP006
7	1 $\frac{1}{2}$	1 $\frac{1}{4}$	ACOD007	ACOP007
8	1 $\frac{1}{2}$	1 $\frac{3}{8}$	ACOD008	ACOP008
9	1 $\frac{3}{4}$	1 $\frac{1}{2}$	ACOD009	ACOP009
10	2	1 $\frac{1}{2}$	ACOD010	ACOP010
11	2	1 $\frac{1}{2}$	ACOD011	ACOP011
12	2	1 $\frac{1}{2}$	ACOD012	ACOP012
13	2	1 $\frac{1}{2}$	ACOD013	ACOP013
14	2	1 $\frac{1}{2}$	ACOD014	ACOP014

SQUARE and RECTANGLE

Die Space		Thickness		Catalog No.	
A	B	D	E	Die Holder	Punch Holder
2 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{8}$	1	ACOD22	ACOP22
	3 $\frac{1}{4}$			ACOD23	ACOP23
	4 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	ACOD24	ACOP24
	5 $\frac{1}{4}$			ACOD25	ACOP25
	6 $\frac{1}{4}$			ACOD26	ACOP26
3 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{8}$	1	ACOD32	ACOP32
	3 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	ACOD33	ACOP33
	4 $\frac{1}{4}$			ACOD34	ACOP34
	5 $\frac{1}{4}$			ACOD35	ACOP35
	6 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD36	ACOP36
	8 $\frac{1}{4}$			ACOD38	ACOP38
	4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	ACOD42
3 $\frac{1}{4}$		ACOD43			ACOP43
4 $\frac{1}{4}$		ACOD44			ACOP44
5 $\frac{1}{4}$		ACOD45			ACOP45
6 $\frac{1}{4}$		1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD46	ACOP46
7 $\frac{1}{4}$				ACOD47	ACOP47
8 $\frac{1}{4}$		1 $\frac{1}{2}$	1 $\frac{1}{4}$	ACOD48	ACOP48
5 $\frac{1}{4}$		2 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	ACOD52
	3 $\frac{1}{4}$	ACOD53			ACOP53
	4 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD54	ACOP54
	5 $\frac{1}{4}$			ACOD55	ACOP55
	7 $\frac{1}{4}$			ACOD57	ACOP57
6 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{8}$	ACOD62	ACOP62
	3 $\frac{1}{4}$			ACOD63	ACOP63
	4 $\frac{1}{4}$		1 $\frac{1}{4}$	ACOD64	ACOP64
	6 $\frac{1}{4}$			ACOD66	ACOP66
	8 $\frac{1}{4}$			ACOD68	ACOP68
7 $\frac{1}{4}$	4 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD74	ACOP74
	5 $\frac{1}{4}$			ACOD75	ACOP75
	7 $\frac{1}{4}$			ACOD77	ACOP77
8 $\frac{1}{4}$	3 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	ACOD83	ACOP83
	4 $\frac{1}{4}$			ACOD84	ACOP84
	6 $\frac{1}{4}$			ACOD86	ACOP86
	8 $\frac{1}{4}$			1 $\frac{1}{2}$	ACOD88

Bushing Codes and Catalog Replacement Numbers

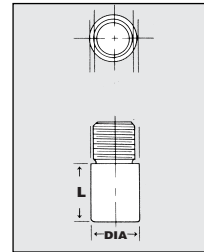


I.D.	AA Straight Standard	AX X-Long Standard	SS Short Shoulder	LS Long Shoulder	AC Bronze Plated Regular	LAC Bronze Plated Long	XLA Bronze Plated X-Long
3/4	61-AA-075-0175		61-SB-075-0081	61-SB-075-0175	62-BP-075-0125	62-BP-075-0200	62-BP-075-0275
7/8	61-AA-078-0175		61-SB-078-0081	61-SB-078-0175	62-BP-087-0125	62-BP-087-0212	62-BP-087-0350
1	61-AA-100-0175	61-AA-100-0300	61-SB-100-0081	61-SB-100-0175	62-BP-100-0125	62-BP-100-0225	62-BP-100-0350
1 1/4	61-AA-125-0200	61-AA-125-0300	61-SB-125-0081	61-SB-125-0200	62-BP-125-0150	62-BP-125-0237	62-BP-125-0350
1 1/2	61-AA-150-0200	61-AA-150-0300	61-SB-150-0081	61-SB-150-0200	62-BP-150-0150	62-BP-150-0275	62-BP-150-0350
1 3/4		61-AA-175-0300		61-SB-175-0200	62-BP-175-0150	62-BP-175-0300	
2		61-AA-200-0300		61-SB-200-0200	62-BP-200-0150	62-BP-200-0300	
2 1/2					62-BP-250-0200	62-BP-250-0350	
3					62-BP-300-0200	62-BP-300-0400	

For other dimensions and information on oversized and undersized bushings refer to the accessories section.

Shank Data								
DIAMETER	3/4	1	1 1/4	1 1/2	1 9/16	2	2 1/2	3
LENGTH	3/4	1 1/2	1 1/2	2 1/8	2 7/8	2 7/8	2 7/8	2 7/8

For further shank information see pg. 2 of Punch Press Accessories



AVAILABLE CLAMPING ARRANGEMENTS

Clamp Arrangement Selection Data			Bushing Diameter
L-R Feed	F-B Feed	Round Dies	
 A	 D	 G	3/4" ID to 1 3/4" ID
 B	 E	 H	2" ID
 C	 F	 I	2 1/2" ID and 3" ID



Accurate Manufacturing Company has built its reputation on quality workmanship delivered on time at reasonable prices. On your next job, call us for:

- **Steel Plate**
- **Grinding**

- **Bar Stock**
- **Fabrication**

- **Machining**
- **Flame Cutting**

Mold Bases

- A Series
- B Series
- Die Cast
- Cavity Retainer
- Unit Dies
- Special Mold Bases

Set-Up Tooling & Accessories

- Grid Plates
- Machine Cubes
- Weldments
- Parallels
- Angle Plates
- Surface Plates

Industrial Supplies

- Allen Wrenches
- Lifting Tongs
- Lubricants
- Pry Bars
- Dresser Arms
- Star Dressers

