

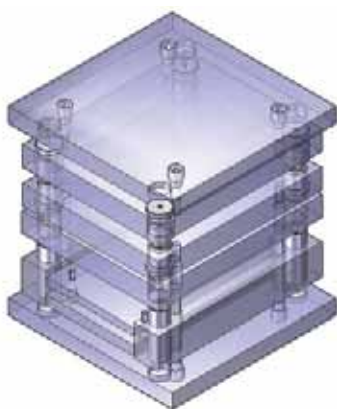
D-M-E Euro-Series Mold Bases

**Completely interchangeable
plates that support regional
standards worldwide**



OVERHANG
CLAMP PLATES

Features



Global solutions to regional standards

To meet the emerging need to support regional standards around the world, D-M-E introduces a new family of Euro standard mold bases, available worldwide. D-M-E Euro-Series mold bases offer many inherent benefits, but more importantly enable molders worldwide to employ Euro standard mold bases and components. And, since all D-M-E Euro-Series mold bases and components are in-stock, most are shipped the same day.

Precision fit

The common bore alignment design philosophy of the Euro-Series guarantees a perfect fit every time. Centering features ensure precise alignment of mating plates. All plates have clean chamfer, an extremely fine bore finish, and excellent surface finishes.

Modular

With its modular, flexible configuration and common bore alignment, Euro-Series plates are completely interchangeable. A single cavity plate can be used as either the A or B plate. The same clamp plate can be the Top Clamp Plate or Bottom Clamp Plate. The same Riser Plate can be used on either side of the housing.

Offset pin/bushing

The Euro-Series offset pin/bushing design means the offset hole is not out of position. Offset is achieved by the use of a differently-sized pin and bushing, combined with three uniformly sized pins.

Other key features

Euro-Series offers a wealth of other key features, including:

- Choice of flush or overhanging clamp plates
- Flexibility to use either a North American or European locating ring as there is no counterbore
- Wide range of European standard components available off-the-shelf
- Centering bushing aligns riser and offers easy threaded removal
- All plates clearly marked with steel type, plate code, and dimensions for easy identification

Features



Globally available regional standard

Precision fit

Interchangeable design

Common bore alignment

Flexible locating ring styles

Fine finishes

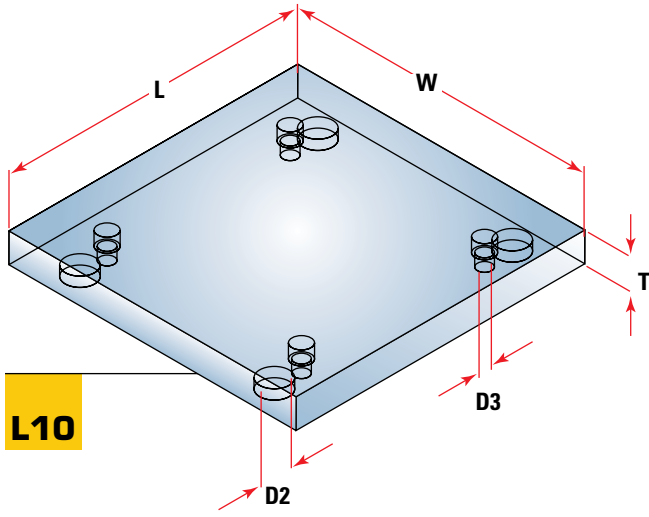
Offset guide pin/bushing

Wide range of Euro-Series components

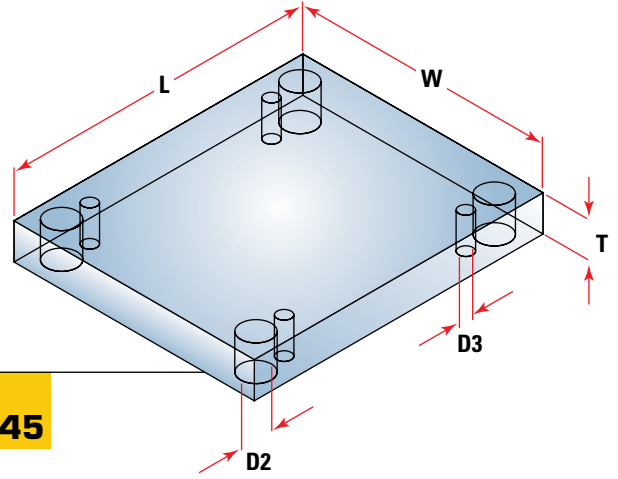
Same day shipment

Choice of steel types

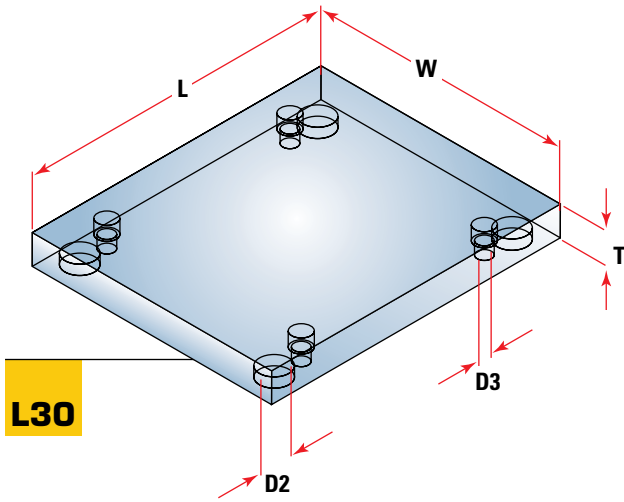
Plate Dimensions



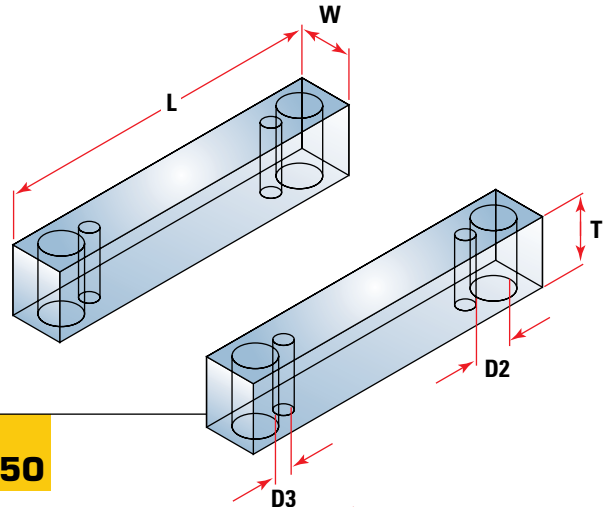
L10



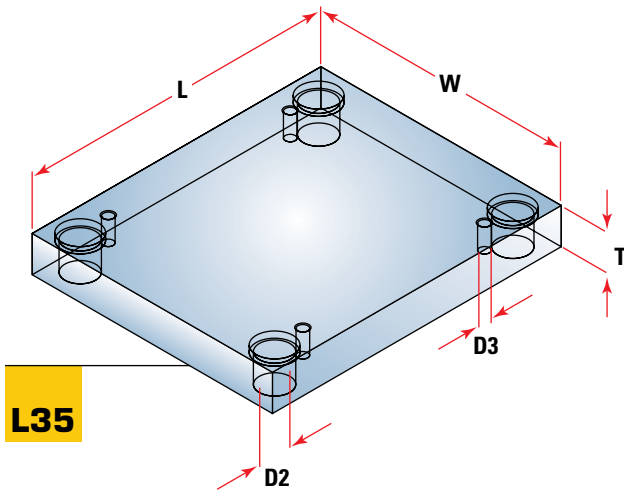
L45



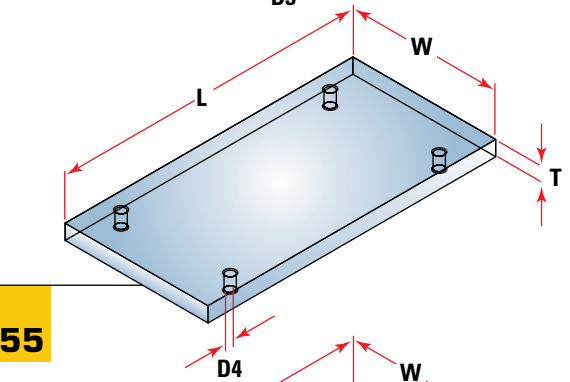
L30



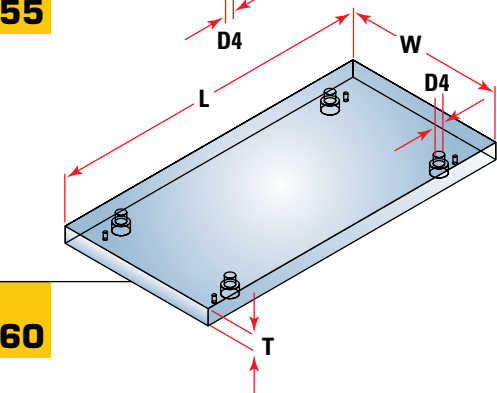
L50



L35



L55

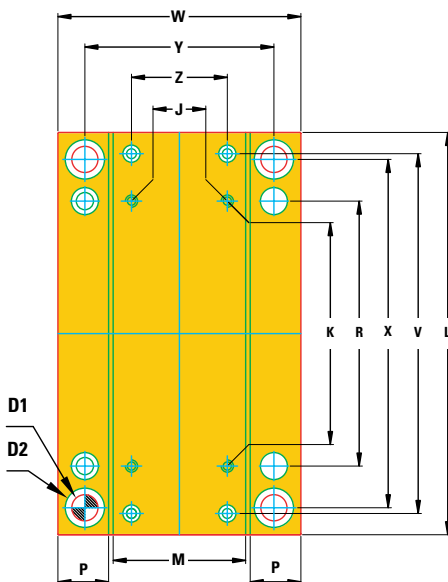
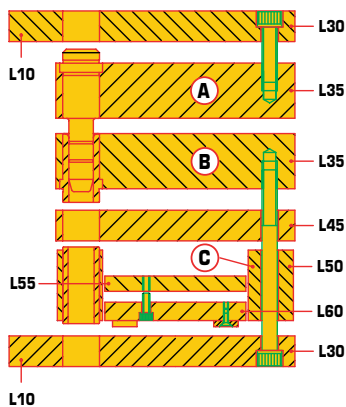


L60

Plate Dimensions

Size code **2020 1925 2030 2525 2530 2535 2540 3030 3035 3040**
 Nominal size **196 x 196 190 x 246 196 x 296 246 x 246 246 x 296 246 x 346 246 x 396 296 x 296 296 x 346 296 x 396**

		2020	1925	2030	2525	2530	2535	2540	3030	3035	3040
W	Width	196	190	196	246	246	246	246	296	296	296
	L10 width (with overhang)	246	254	246	296	296	296	296	346	346	346
L	Length	196	246	296	246	296	346	396	296	346	396
X	Length of bore centers	152	202	244	200	244	294	340	244	294	340
Y	Width of bore centers	154	148	150	200	200	194	198	250	244	248
K	Length of ER screw centers	132	182	230	180	230	286	330	230	286	330
R	Length of assy screw centers	100	150	186	130	186	224	284	186	224	284
J	Width of ER screw centers	96	90	90	130	130	136	122	180	186	176
V	Length of RP centers	166	216	266	214	264	324	364	266	324	364
Z	Width of RP centers	96	90	90	130	130	136	122	180	186	176
P	L50 riser width	38	38	43	43	43	43	47	43	43	47
ER	L55 ER thick	12	12	12	12	12	17	17	12	17	17
EB	L60 EB thick	17	17	17	17	17	22	22	17	22	22
M	L55, L60, ER, EB width	118	112	108	158	158	158	150	208	208	200
D1	Bush ID	26	26	30	30	30	30	30	30	30	30
D2	Bore ID	31	31	35	35	35	35	35	35	35	35
D3	Assy screws	M10	M10	M12	M12	M12	M12	M12	M12	M12	M12
D4	ER screws	M8	M8	M8	M8	M8	M8	M8	M8	M8	M8



Euro-Series Plate Tolerances

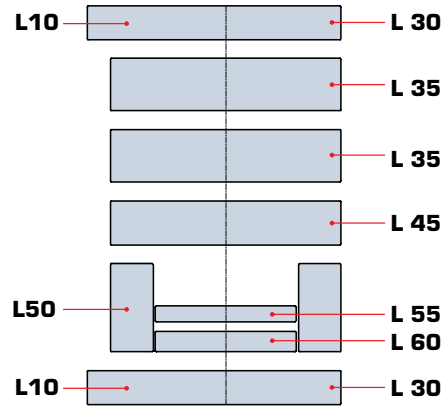
	mm	L10, L55, L60	L50	L30, L45	L35
W, L	up to 100	+/- 0.06	+/- 0.06	+/- 0.03	+/- 0.008
	> 100 - 180	+/- 0.08	+/- 0.08	+/- 0.04	+/- 0.010
	> 180 - 315	+/- 0.10	+/- 0.10	+/- 0.05	+/- 0.012
	> 315 - 500	+/- 0.12	+/- 0.12	+/- 0.05	+/- 0.014
	> 500 - 710	+/- 0.15	+/- 0.15	+/- 0.05	+/- 0.017
	> 710 - 1000	+/- 0.20	+/- 0.20	+/- 0.05	+/- 0.020
T		+0.2 / +0.3	0 / +0.02	+0.2 / +0.3	+0.2 / +0.3
X, Y	up to 100	+/- 0.008	+/- 0.008	+/- 0.008	+/- 0.008
	> 100 - 180	+/- 0.010	+/- 0.010	+/- 0.010	+/- 0.010
	> 180 - 315	+/- 0.012	+/- 0.012	+/- 0.012	+/- 0.012
	> 315 - 500	+/- 0.015	+/- 0.015	+/- 0.015	+/- 0.015
	> 500 - 710	+/- 0.018	+/- 0.018	+/- 0.018	+/- 0.018
	> 710 - 1000	+/- 0.020	+/- 0.020	+/- 0.020	+/- 0.020

Ordering Information

D-M-E Euro-Series Mold Bases are ordered and delivered as individual items. Any item can be ordered at any time and assembled with a new or existing Euro-Series Mold Base. Ordering is as simple as selecting the items you need and calling D-M-E Customer Service.

Steel Type Availability

DIN Type	1730	2738
D-M-E	#1	#3
L10, L30	✓	
L35	✓	✓
L45	✓	
L50, L55, L60	✓	



Euro-Series Mold Base Product Line Item Number Code Logic

L35 01 196 296 027

Plate Code

The letter L followed by two digits

Steel Code

"01" for 1730 Steel (D-M-E #1)
 "17" for 2738 Steel (D-M-E #3)

Plate Width

Three-digit number with a leading zero, if necessary

Plate Length

Three-digit number with a leading zero, if necessary

Plate Thickness

Three-digit number with a leading zero, if necessary

Examples

L3501196296027

L35 cavity plate from 1730 steel (#1) that is 196mm wide by 296mm long and 27mm thick

L4501190246036

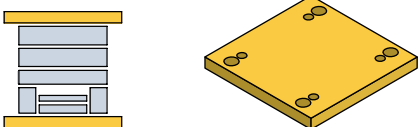
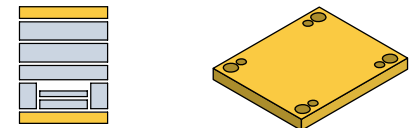
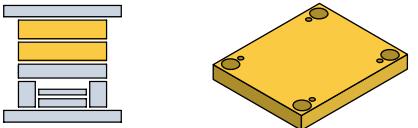
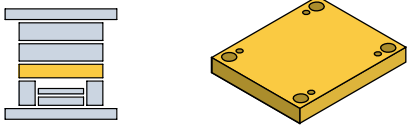
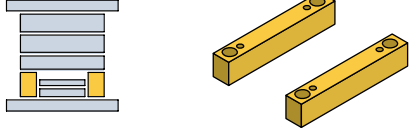
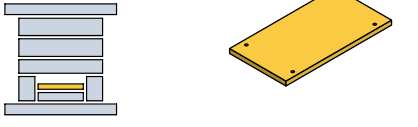
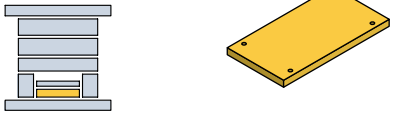
L45 cavity plate from 1730 steel (#1) that is 190mm wide by 246mm long and 36mm thick

L3517246296056

L35 cavity plate from 2738 steel (#3) that is 246mm wide by 296mm long and 56mm thick

Ordering Information

2020 196 x 196	1925 196 x 246	2030 196 x 296	2525 246 x 246	2530 246 x 296	2535 246 x 346	2540 246 x 396	3030 296 x 296	3035 296 x 346	3040 296 x 396
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			2020	1925	2030	2525	2530	2535	2540	3030	3035	3040	
L10		1730 Steel (#1)	27	27	27	27	27	27	27	27	27	27	
		L30		1730 Steel (#1)	NA	NA	27	27	27	27	27	27	27
		L35			1730 Steel (#1)	36	36	36	36	36	36	36	36
	46	46			46	46	46	46	46	46	46	46	
	66	66	66		66	66	66	66	66	66	66	66	
		2738 Steel (#3)	36	36	36	36	36	36	36	36	36	36	
			46	46	46	46	46	46	46	46	46	46	
			66	66	66	66	66	66	66	66	66	66	
L45		1730 Steel (#1)	27	27	36	36	36	36	36	36	36	36	
		L50		1730 Steel (#1)	56	56	56	56	56	56	56	56	56
				76	76	76	76	76	76	76	76	76	76
	96	96		96	96	96	96	96	96	96	96		
L55		1730 Steel (#1)	12	12	12	12	12	17	17	12	17	17	
L60			1730 Steel (#1)	17	17	17	17	17	22	22	17	22	
			17	17	17	17	17	22	22	17	22	22	
	17		17	17	17	17	22	22	17	22	22		

Note: All dimensions provided are in millimeters and reflect plate thickness.

A Full Range of Euro-Series Components

As a global supplier of mold technology solutions, D-M-E is committed to supporting regional standards worldwide. That's why we offer over 4,000 different Euro-Series components to meet the European standards for mold systems. Key offerings include:

- Ejector pins, sleeves, and blades
- Guide pins and bushings
- Centering bushings and dowels
- Set screws, bolts, and washers
- Locating rings
- Sprue bushings
- See the D-M-E Mold Components catalog for our complete selection



Metric Equivalents and Conversions

Equivalents: Inch, fraction, decimal, millimeter

INCHES	MILLIMETERS	INCHES	MILLIMETERS
1	25.4	34	863.6
2	50.8	35	889.0
3	76.2	36	914.4
4	101.6	37	939.8
5	127.0	38	965.2
6	152.4	39	990.6
7	177.8	40	1016.0
8	203.2	41	1041.4
9	228.6	42	1066.8
10	254.0	43	1092.2
11	279.4	44	1117.6
12	304.8	45	1143.0
13	330.2	46	1168.4
14	355.6	47	1193.8
15	381.0	48	1219.2
16	406.4	49	1244.6
17	431.8	50	1270.0
18	457.2	51	1295.4
19	482.6	52	1320.8
20	508.0	53	1346.2
21	533.4	54	1371.6
22	558.8	55	1397.0
23	584.2	56	1422.4
24	609.6	57	1447.8
25	635.0	58	1473.2
26	660.4	59	1498.6
27	685.8	60	1524.0
28	711.2	61	1549.4
29	736.6	62	1574.8
30	762.0	63	1600.2
31	787.4	64	1625.6
32	812.8	65	1651.0
33	838.2	66	1676.4

INCHES		MILLIMETERS	INCHES		MILLIMETERS
1/64	0.015625	0.396875	33/64	0.515625	13.096875
1/32	0.031250	0.793750	17/32	0.531250	13.493750
3/64	0.046875	1.190625	35/64	0.546875	13.890625
1/16	0.062500	1.587500	9/16	0.562500	14.287500
5/64	0.078125	1.984375	37/64	0.578125	14.684375
3/32	0.093750	2.381250	19/32	0.593750	15.081250
7/64	0.109375	2.778125	39/64	0.609375	15.478125
1/8	0.125000	3.175000	5/8	0.625000	15.875000
9/64	0.140625	3.571875	41/64	0.640625	16.271875
5/32	0.156250	3.968750	21/32	0.656250	16.668750
11/64	0.171875	4.365625	43/64	0.671875	17.065625
3/16	0.187500	4.762500	11/16	0.687500	17.462500
13/64	0.203125	5.159375	45/64	0.703125	17.859375
7/32	0.218750	5.556250	23/32	0.718750	18.256250
15/64	0.234375	5.953125	47/64	0.734375	18.653125
1/4	0.250000	6.350000	3/4	0.750000	19.050000
17/64	0.265625	6.746875	49/64	0.765625	19.446875
9/32	0.281250	7.143750	25/32	0.781250	19.843750
19/64	0.296875	7.540625	51/64	0.796875	20.240625
5/16	0.312500	7.937500	13/16	0.812500	20.637500
21/64	0.328125	8.334375	53/64	0.828125	21.034375
11/32	0.343750	8.731250	27/32	0.843750	21.431250
23/64	0.359375	9.128125	55/64	0.859375	21.828125
3/8	0.375000	9.525000	7/8	0.875000	22.225000
25/64	0.390625	9.921875	57/64	0.890625	22.621875
13/32	0.406250	10.318750	29/32	0.906250	23.018750
27/64	0.421875	10.715625	59/64	0.921875	23.415625
7/16	0.437500	11.112500	15/16	0.937500	23.812500
29/64	0.453125	11.509375	61/64	0.953125	24.209375
15/32	0.468750	11.906250	31/32	0.968750	24.606250
31/64	0.484375	12.303125	63/64	0.984375	25.003125
1/2	0.500000	12.700000	1	1.000000	25.400000

Equivalents: Decimal, millimeter

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
0.001	0.0254	0.01	0.254	0.1	2.54
0.002	0.0508	0.02	0.508	0.2	5.08
0.003	0.0762	0.03	0.762	0.3	7.62
0.004	0.1016	0.04	1.016	0.4	10.16
0.005	0.1270	0.05	1.270	0.5	12.70
0.006	0.1524	0.06	1.524	0.6	15.24
0.007	0.1778	0.07	1.778	0.7	17.78
0.008	0.2032	0.08	2.032	0.8	20.32
0.009	0.2286	0.09	2.286	0.9	22.86

Measurement conversions

MULTIPLY BY	FROM	→	TO	MULTIPLY BY
	←	←	←	
0.03937	inch	←	millimeter	25.4
0.0016	inch ²	←	millimeter ²	645.16
0.061	inch ³	←	centimeter ³	16.3871
0.2642	gallon (U.S.)	←	liter	3.7854
0.03527	oz. (avdp.)	←	gram	28.3495
2.2044	pound	←	kilogram	0.4536
62.43	lbs/ft ³	←	g/cm ³	0.0160
0.145	psi	←	kPa	6.8948
14.2247	psi	←	kg/cm ²	0.0703
1.8°C + 32	°F	←	°C	(°F-32)/1.8