



## D-M-E Edge Mold Bases

THE LOWEST-PRICED  
MOLD BASE ON THE MARKET  
IS IN STOCK IN  
70 DIFFERENT SIZES



D-M-E Edge Mold Bases



# Providing a Competitive Advantage

## THE NEW EDGE MOLD BASE GIVES YOUR CUSTOMERS A COMPETITIVE ADVANTAGE

What is the "Edge" concept? It's an A-Series Mold Base with seven features in D-M-E #3 steel with a 30-40% price advantage. And with every Edge Mold Base, you get seven decades of reliable D-M-E quality-assured manufacturing capabilities that includes the absolute best service, price and delivery that will have your customers coming back for more.

D-M-E has supported moldmakers, processors and designers around the globe since it innovated the standard mold base in 1942. Today, we offer the industry's broadest range of market-leading products. In a recent Moldmaking Industry Survey, moldmakers said they needed an edge to better compete. That's why our full featured, ready-to-ship mold base is called the Edge. Essentially, moldmakers named it for us! The Edge gives you the competitive and profitability advantages that D-M-E customers demand.

As you continue to positively impact your operations through process efficiencies, technology enhancements, and automation improvements, the D-M-E Edge Mold Base is with you every step of the way by providing the value, speed and exceptional quality that customers have long expected from the industry's standard-setter in mold technologies. Even our competitors look to us as standard-setters; so much so, that today, competitors still promote their products by comparing them to ours.

Get the Edge Mold Base and you'll have another ingredient for the formula for a successful, growing business, and a partnership with the global mold technologies leader.

## FREQUENTLY ASKED QUESTIONS ABOUT D-M-E

### Where is the Edge Mold Base manufactured?

The D-M-E Edge Mold Base is manufactured by D-M-E's sister company located in Brazil. D-M-E has had an extensive manufacturing and distributing presence in Brazil for over 20 years. The Edge Mold Base is manufactured using the same stringent quality-assured processes and standards that have been adhered to during the manufacture of D-M-E U.S.-made mold bases for many decades. This manufacturing consistency and repeatability on every continent ensures D-M-E customers that every mold base has the quality steel and construction that makes D-M-E mold bases the highest valued mold bases throughout the world.

### I make my own mold bases; can the D-M-E Edge Mold Base make me more competitive?

Yes! With our low U.S. prices, the Edge Mold Base is more than competitive when compared against in-house manufactured bases. In today's marketplace, most moldmakers don't have the luxury of having tool makers and/or apprentices make mold bases. Factoring direct labor costs alone, the D-M-E Edge Mold Base is priced so low that even the most efficient shop will save money by purchasing instead of making.

### Does D-M-E offer special machining services?

Yes! D-M-E has the most comprehensive worldwide product offering for in-house machining services! Whether you need simple pocket roughing, 3D contour roughing of core and cavity blocks, or a completely finished mold base that meets your exact specifications and tolerances, D-M-E is the industry leader for complete, comprehensive special machining both locally and globally. No one in our industry offers a wider range of special machining services, and no one in our industry has the decades of machining experience and steel supplier relationships that provide our competitive advantage.

**Industry-leading D-M-E Manufacturing, Tolerances and Distribution!  
Get the competitive and profitability advantage with the D-M-E Edge!**

## Advantages and Features

### EDGE MOLD BASE ADVANTAGES

70 different mold base assemblies ready for quick delivery

The lowest-priced mold base on the market

Most sizes available for same-day shipment

Seven popular mold base features

Reliable D-M-E quality-assured services, including manufacturing, inspection and distribution

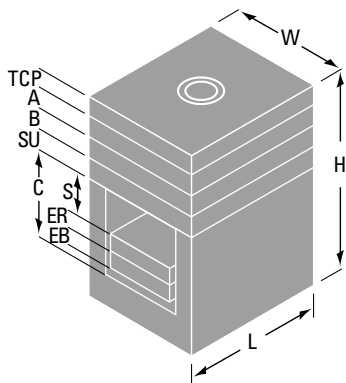


### EDGE MOLD BASE FEATURES

- A-Plate, B-Plate and Support plates supplied with D-M-E #3 steel
- Pry slots installed on both sides of "B" plate
- Lift holes installed
- Return pins installed 0.125 inboard to allow for spring pockets
- Leader pin vents machined in the housing under the bushing location
- Guided ejection installed
- Three-piece ejector housing
- Center hole machining included

**NOTE:** See Standard & Optional Mold Base Features section for specifications regarding Edge Mold Base features.

# Product Selection Tables



### Variables

Below is a list of the variables for the Edge series mold bases and their definitions

- W = Width
- L = Length
- TCP = Top clamp plate thickness
- A = A plate thickness
- B = B plate thickness
- SU = Support plate thickness
- C = Height of the riser
- S = Maximum stroke of the ejector bar
- H = Mold base height
- EB = Ejector bar thickness
- ER = Ejector retainer thickness
- P = Housing riser thickness
- RPx = Return pin location on the X axis (3 places)
- RPy = Return pin location on the Y axis (4 places)
- RPos = Return pin offset on the X axis (1 place)
- RPg = Return pin diameter
- LPg = Leader pin diameter

### 7.875 x 7.875

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA0808-07-07	7.875	7.875	0.875	0.875	2.500	0.813	7.375	111
EDA0808-13-13	7.875	7.875	1.375	1.375	2.500	0.813	8.375	129
EDA0808-17-17	7.875	7.875	1.875	1.875	2.500	0.813	9.375	147
EDA0808-23-23	7.875	7.875	2.375	2.375	3.000	1.313	10.875	167

All Items	W	7.875	EB	1.000	P	1.250	TCP	0.875	RPx	3.313	RPg	0.500
	L	7.875	ER	0.500	SU	1.375	RPos	3.188	RPy	1.500	LPg	0.750

### 7.875 x 11.875

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA0812-07-07	7.875	11.875	0.875	0.875	2.500	0.813	7.375	174
EDA0812-13-13	7.875	11.875	1.375	1.375	3.000	1.313	8.875	205
EDA0812-17-17	7.875	11.875	1.875	1.875	3.500	1.813	10.375	235
EDA0812-23-23	7.875	11.875	2.375	2.375	3.500	1.813	11.375	262

All Items	W	7.875	EB	1.000	P	1.250	TCP	0.875	RPx	5.313	RPg	0.500
	L	11.875	ER	0.500	SU	1.375	RPos	5.188	RPy	1.500	LPg	0.750

### 9.875 x 8.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1008-07-07	9.875	8.000	0.875	0.875	2.500	0.813	7.375	158
EDA1008-13-13	9.875	8.000	1.375	1.375	2.500	0.813	8.875	181
EDA1008-17-17	9.875	8.000	1.875	1.875	3.500	1.813	10.875	209

All Items	W	9.875	EB	1.000	P	1.438	TCP	0.875	RPx	3.250	RPg	0.625
	L	8.000	ER	0.500	SU	1.875	RPos	3.125	RPy	2.250	LPg	0.750

### 9.875 x 11.875

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1012-07-07	9.875	11.875	0.875	0.875	2.500	0.813	7.875	235
EDA1012-13-13	9.875	11.875	1.375	1.375	3.000	1.313	9.375	273
EDA1012-17-17	9.875	11.875	1.875	1.875	3.500	1.813	10.875	311
EDA1012-23-23	9.875	11.875	2.375	2.375	3.500	1.813	11.875	344

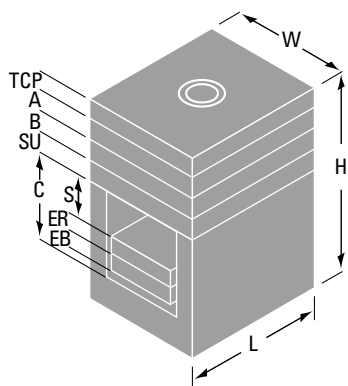
All Items	W	9.875	EB	1.000	P	1.438	TCP	0.875	RPx	5.188	RPg	0.625
	L	11.875	ER	0.500	SU	1.875	RPos	5.063	RPy	2.250	LPg	0.875

### 9.875 x 16.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1016-07-07	9.875	16.000	0.875	0.875	2.500	0.813	7.875	316
EDA1016-13-13	9.875	16.000	1.375	1.375	3.000	1.313	9.375	367
EDA1016-17-17	9.875	16.000	1.875	1.875	3.500	1.813	10.875	418
EDA1016-23-23	9.875	16.000	2.375	2.375	3.500	1.813	11.875	463

All Items	W	9.875	EB	1.000	P	1.438	TCP	0.875	RPx	7.250	RPg	0.625
	L	16.000	ER	0.500	SU	1.875	RPos	7.125	RPy	2.250	LPg	0.875

# Product Selection Tables



Below is a list of the variables for the Edge series mold bases and their definitions

- W = Width
- L = Length
- TCP = Top clamp plate thickness
- A = A plate thickness
- B = B plate thickness
- SU = Support plate thickness
- C = Height of the riser
- S = Maximum stroke of the ejector bar
- H = Mold base height
- EB = Ejector bar thickness
- ER = Ejector retainer thickness
- P = Housing riser thickness
- RPx = Return pin location on the X axis (3 places)
- RPy = Return pin location on the Y axis (4 places)
- RPos = Return pin offset on the X axis (1 place)
- RPg = Return pin diameter
- LPg = Leader pin diameter

## 9.875 x 20.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)				
EDA1020-13-13	9.875	20.000	1.375	1.375	3.000	1.313	9.375	459				
EDA1020-17-17	9.875	20.000	1.875	1.875	3.500	1.813	10.875	523				
EDA1020-23-23	9.875	20.000	2.375	2.375	3.500	1.813	11.875	579				
All Items	W 9.875	EB 1.000	P 1.438	TCP 0.875	RPx 9.250	RPg 0.625	L 20.000	ER 0.500	SU 1.875	RPos 9.125	RPy 2.250	LPg 0.875

## 10.875 x 12.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)				
EDA1112-13-13	10.875	12.000	1.375	1.375	3.000	1.313	9.375	305				
EDA1112-17-17	10.875	12.000	1.875	1.875	3.500	1.813	10.875	347				
EDA1112-23-23	10.875	12.000	2.375	2.375	3.500	1.813	11.875	384				
All Items	W 10.875	EB 1.000	P 1.688	TCP 0.875	RPx 5.250	RPg 0.625	L 12.000	ER 0.500	SU 1.875	RPos 5.125	RPy 2.813	LPg 0.875

## 10.875 x 14.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)				
EDA1114-13-13	10.875	14.000	1.375	1.375	3.000	1.313	9.375	355				
EDA1114-17-17	10.875	14.000	1.875	1.875	3.500	1.813	10.875	405				
EDA1114-23-23	10.875	14.000	2.375	2.375	3.500	1.813	11.875	448				
All Items	W 10.875	EB 1.000	P 1.688	TCP 0.875	RPx 6.250	RPg 0.625	L 14.000	ER 0.500	SU 1.875	RPos 6.125	RPy 2.813	LPg 0.875

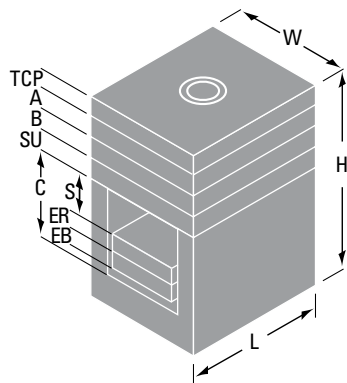
## 10.875 x 18.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)				
EDA1118-13-13	10.875	18.000	1.375	1.375	3.000	1.313	9.375	457				
EDA1118-17-17	10.875	18.000	1.875	1.875	3.500	1.813	10.875	521				
EDA1118-23-23	10.875	18.000	2.375	2.375	3.500	1.813	11.875	576				
All Items	W 10.875	EB 1.000	P 1.688	TCP 0.875	RPx 8.250	RPg 0.625	L 18.000	ER 0.500	SU 1.875	RPos 8.125	RPy 2.813	LPg 0.875

## 11.875 x 12.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)				
EDA1212-13-13	11.875	12.000	1.375	1.375	3.000	1.188	9.375	335				
EDA1212-17-17	11.875	12.000	1.875	1.875	3.000	1.188	10.375	375				
EDA1212-23-23	11.875	12.000	2.375	2.375	3.500	1.688	11.875	422				
EDA1212-27-27	11.875	12.000	2.875	2.875	4.000	2.188	13.375	468				
All Items	W 11.875	EB 1.125	P 1.688	TCP 0.875	RPx 5.125	RPg 0.750	L 12.000	ER 0.500	SU 1.875	RPos 5.000	RPy 3.188	LPg 1.000

# Product Selection Tables



### Variables

Below is a list of the variables for the Edge series mold bases and their definitions

- W = Width
- L = Length
- TCP = Top clamp plate thickness
- A = A plate thickness
- B = B plate thickness
- SU = Support plate thickness
- C = Height of the riser
- S = Maximum stroke of the ejector bar
- H = Mold base height
- EB = Ejector bar thickness
- ER = Ejector retainer thickness
- P = Housing riser thickness
- RPx = Return pin location on the X axis (3 places)
- RPy = Return pin location on the Y axis (4 places)
- RPos = Return pin offset on the X axis (1 place)
- RPg = Return pin diameter
- LPg = Leader pin diameter

### 11.875 x 15.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1215-13-13	11.875	15.000	1.375	1.375	3.000	1.188	9.375	419
EDA1215-17-17	11.875	15.000	1.875	1.875	3.000	1.188	10.375	469
EDA1215-23-23	11.875	15.000	2.375	2.375	3.500	1.688	11.875	527
EDA1215-27-27	11.875	15.000	2.875	2.875	4.000	2.188	13.375	584
All Items	W 11.875	EB 1.125	P 1.688	TCP 0.875	RPx 6.625	RPg 0.750		
	L 15.000	ER 0.500	SU 1.875	RPos 6.500	RPy 3.188	LPg 1.000		

### 11.875 x 20.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1220-13-13	11.875	20.000	1.375	1.375	3.000	1.188	9.375	558
EDA1220-17-17	11.875	20.000	1.875	1.875	3.000	1.188	10.375	625
EDA1220-23-23	11.875	20.000	2.375	2.375	3.500	1.688	11.875	702
EDA1220-27-27	11.875	20.000	2.875	2.875	4.000	2.188	13.375	779
All Items	W 11.875	EB 1.125	P 1.688	TCP 0.875	RPx 9.125	RPg 0.750		
	L 20.000	ER 0.500	SU 1.875	RPos 9.000	RPy 3.188	LPg 1.000		

### 13.375 x 15.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1315-13-13	13.375	15.000	1.375	1.375	3.000	1.063	9.875	505
EDA1315-17-17	13.375	15.000	1.875	1.875	3.000	1.063	10.875	562
EDA1315-23-23	13.375	15.000	2.375	2.375	3.500	1.563	12.375	627
EDA1315-27-27	13.375	15.000	2.875	2.875	4.000	2.063	13.875	692
All Items	W 13.375	EB 1.125	P 1.875	TCP 1.375	RPx 6.625	RPg 0.750		
	L 15.000	ER 0.625	SU 1.875	RPos 6.500	RPy 3.813	LPg 1.000		

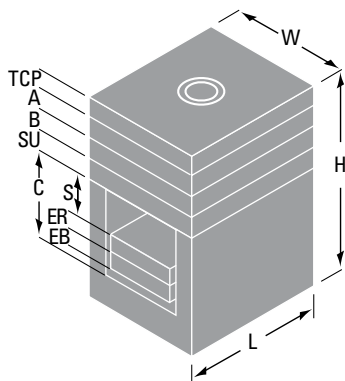
### 13.375 x 18.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1318-13-13	13.375	18.000	1.375	1.375	3.000	1.063	9.875	606
EDA1318-17-17	13.375	18.000	1.875	1.875	3.000	1.063	10.875	675
EDA1318-23-23	13.375	18.000	2.375	2.375	3.500	1.563	12.375	752
EDA1318-27-27	13.375	18.000	2.875	2.875	4.000	2.063	13.875	830
All Items	W 13.375	EB 1.125	P 1.875	TCP 1.375	RPx 8.125	RPg 0.750		
	L 18.000	ER 0.625	SU 1.875	RPos 8.000	RPy 3.813	LPg 1.000		

### 13.375 x 20.750

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1321-17-17	13.375	20.750	1.875	1.875	3.000	1.063	10.875	777
EDA1321-23-23	13.375	20.750	2.375	2.375	3.500	1.563	12.375	867
EDA1321-27-27	13.375	20.750	2.875	2.875	4.000	2.063	13.875	957
All Items	W 13.375	EB 1.125	P 1.875	TCP 1.375	RPx 9.500	RPg 0.750		
	L 20.750	ER 0.625	SU 1.875	RPos 9.375	RPy 3.813	LPg 1.000		

# Product Selection Tables



### Variables

Below is a list of the variables for the Edge series mold bases and their definitions

- W = Width
- L = Length
- TCP = Top clamp plate thickness
- A = A plate thickness
- B = B plate thickness
- SU = Support plate thickness
- C = Height of the riser
- S = Maximum stroke of the ejector bar
- H = Mold base height
- EB = Ejector bar thickness
- ER = Ejector retainer thickness
- P = Housing riser thickness
- RPx = Return pin location on the X axis (3 places)
- RPy = Return pin location on the Y axis (4 places)
- RPos = Return pin offset on the X axis (1 place)
- RPg = Return pin diameter
- LPg = Leader pin diameter

### 13.375 × 23.500

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1323-17-17	13.375	23.500	1.875	1.875	3.000	1.063	10.875	881
EDA1323-23-23	13.375	23.500	2.375	2.375	3.500	1.563	12.375	982
EDA1323-27-27	13.375	23.500	2.875	2.875	4.000	2.063	13.875	1084
All Items	W 13.375	EB 1.125	P 1.875	TCP 1.375	RPx 10.875	RPg 0.750		
	L 23.500	ER 0.625	SU 1.875	RPos 10.750	RPy 3.813	LPg 1.000		

### 14.875 × 17.875

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1518-17-17	14.875	17.875	1.875	1.875	3.500	1.563	11.875	790
EDA1518-23-23	14.875	17.875	2.375	2.375	3.500	1.563	12.875	865
EDA1518-27-27	14.875	17.875	2.875	2.875	4.000	2.063	14.375	950
All Items	W 14.875	EB 1.125	P 1.875	TCP 1.375	RPx 8.063	RPg 0.750		
	L 17.875	ER 0.625	SU 2.375	RPos 7.938	RPy 3.875	LPg 1.250		

### 14.875 × 23.750

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1524-17-17	14.875	23.750	1.875	1.875	3.500	1.563	11.875	1050
EDA1524-23-23	14.875	23.750	2.375	2.375	3.500	1.563	12.875	1150
EDA1524-27-27	14.875	23.750	2.875	2.875	4.000	2.063	14.375	1262
All Items	W 14.875	EB 1.125	P 1.875	TCP 1.375	RPx 11.000	RPg 0.750		
	L 23.750	ER 0.625	SU 2.375	RPos 10.875	RPy 3.875	LPg 1.250		

### 15.875 × 16.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1616-23-23	15.875	16.000	2.375	2.375	3.500	1.563	12.875	825
EDA1616-27-27	15.875	16.000	2.875	2.875	4.000	2.063	14.375	906
All Items	W 15.875	EB 1.125	P 1.875	TCP 1.375	RPx 7.125	RPg 0.750		
	L 16.000	ER 0.625	SU 2.375	RPos 7.000	RPy 4.375	LPg 1.250		

### 15.875 × 20.000

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1620-23-23	15.875	20.000	2.375	2.375	3.500	1.563	12.875	1031
EDA1620-27-27	15.875	20.000	2.875	2.875	4.000	2.063	14.375	1132
All Items	W 15.875	EB 1.125	P 1.875	TCP 1.375	RPx 9.125	RPg 0.750		
	L 20.000	ER 0.625	SU 2.375	RPos 9.000	RPy 4.375	LPg 1.250		

### 15.875 × 23.500

ITEM NUMBER	W	L	A	B	C	S	H	WEIGHT (LBS)
EDA1623-23-23	15.875	23.500	2.375	2.375	3.500	1.563	12.875	1212
EDA1623-27-27	15.875	23.500	2.875	2.875	4.000	2.063	14.375	1330
All Items	W 15.875	EB 1.125	P 1.875	TCP 1.375	RPx 10.875	RPg 0.750		
	L 23.500	ER 0.625	SU 2.375	RPos 10.750	RPy 4.375	LPg 1.250		

## Get the Edge with D-M-E Mold Components

D-M-E has been an innovator in the development of mold technologies ever since it standardized mold base offerings in the 1940s to enable moldmakers to focus their creativity on value-added core and cavity work. D-M-E continues its innovations by introducing new mold components that complement your Edge mold base, or any D-M-E mold base, for that matter.

Here are just a few of the mold components that will give your D-M-E mold base the edge:

### Pins, sleeves and blades

A comprehensive line of pins, sleeves and blades – in Inch, DIN and JIS standards – all of which undergo rigorous D-M-E quality assurance testing, are available at competitive prices with fast delivery. From straight, shoulder or keyed ejector pins to nitrided ejector sleeves and close-tolerance ejector blades to core pins, return pins and sprue puller pins, D-M-E has the products that match your application needs.

### Sprue bushings and locating rings

A wide range of hardened, ground and polished sprue bushings and more than a dozen locating ring options are available from D-M-E to prepare for maximum production performance.

### Mold interlocks

For precise alignment of mold halves, mold plates or individual cavities or cores, D-M-E has a large selection of mold interlocks that are a perfect fit for all of your applications. From the innovative IN2 interlocks that offer interchangeable inserts to a variety of side, top, round and rectangular interlocks, D-M-E has the products to eliminate your mold alignment concerns.

### Thousands of other mold components to complement your mold base selection

D-M-E has the broadest selection of market-leading mold technologies available around the globe, with many choices within hundreds of product lines. Our proven knowledge and expertise has made D-M-E the preferred supplier to many of the world's leading companies. Check out the D-M-E Mold Components Catalog for the products that match your application needs.

