

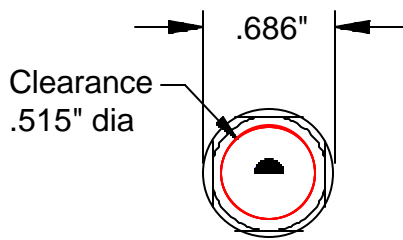
meaden

Special Shaped Punches & Dies

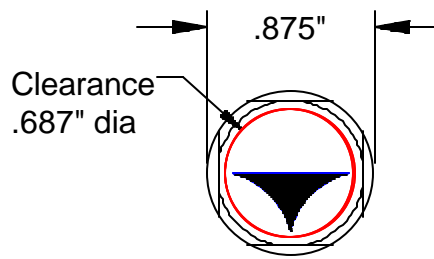
Information
English Version



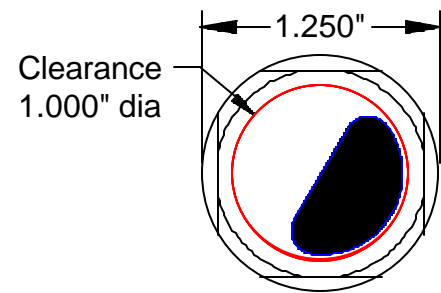
210 West 83rd Street
Burr Ridge, Illinois 60521
Telephone: 630/655-0888
FAX: 630/655-3012
Internet www.meadenprinting.com



Standard
File Hole Die



Oversize Die



Double Oversize Die

Information Needed to Order

What press ? _____

Can a standard file hole punch and die be used ? _____

What lockdown is used ? _____

(How is the punch or die held in the ring?)

What shape will be used ? _____

(See following sample shapes)

What direction will the shape run ? _____

What is the circumference of the ring ? _____

(Is this a special pattern or repeat ?)

What material is being cut ? _____

Are the punches and dies crowned ? _____

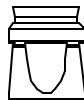
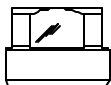
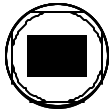
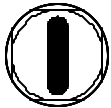
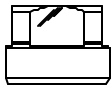
(Does the top of the punch and die need to be curved ?)

**Note ! Oversize Punches and
Dies require special rings**

SPECIAL SHAPES

Special Shapes for Special Jobs for the standard file hole station

Call for Price and Delivery



Triangles

Oblongs

Rectangles

Squares

1/2 Moons

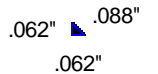
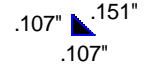
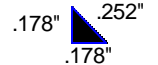
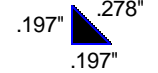
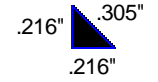
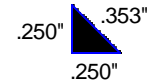
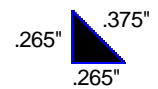
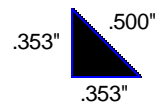
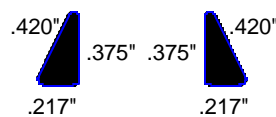
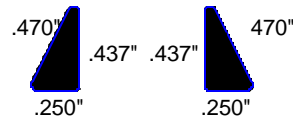
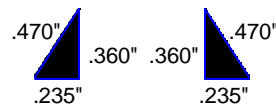
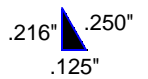
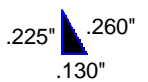
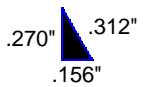
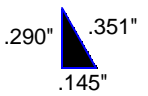
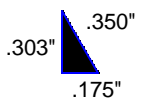
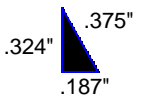
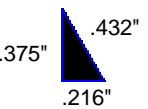
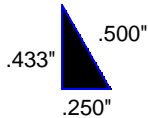
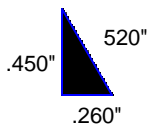
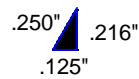
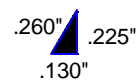
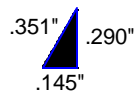
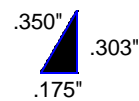
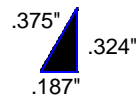
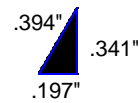
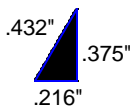
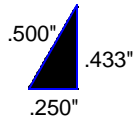
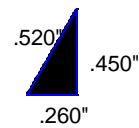
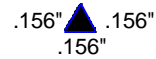
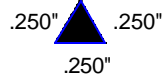
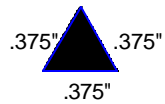
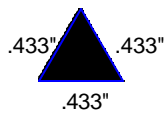
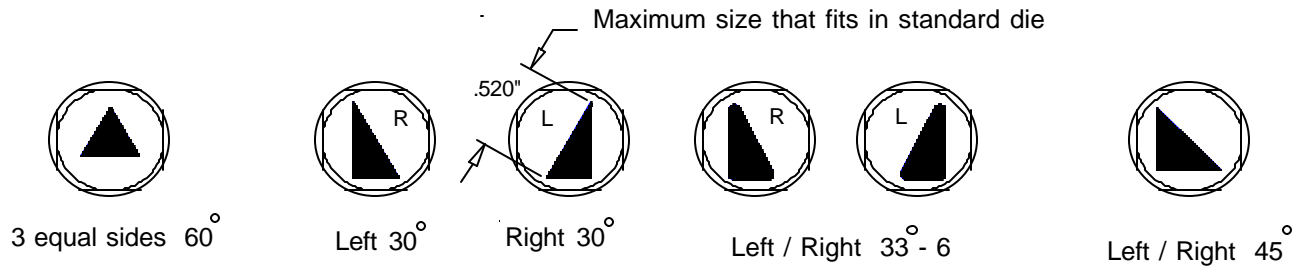
Corner Cuts

Accounting Shapes

Miscellaneous Others

SPECIAL SHAPES

TRIANGLES

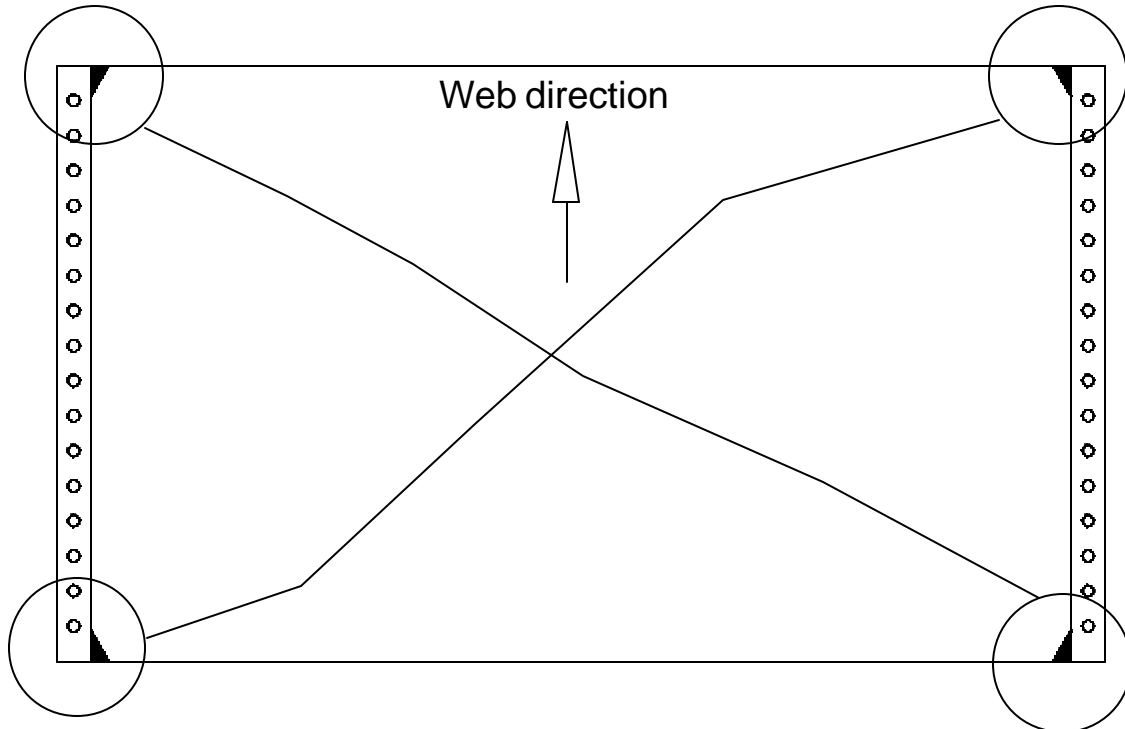


SPECIAL SHAPES

Which triangle to order ?

Upper Left
Lower Right

Upper Right
Lower Left

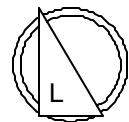
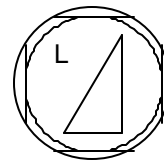
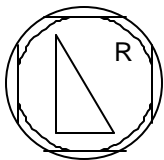


Upper Right
Lower Left

Upper Left
Lower Right

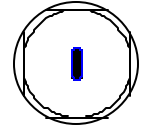
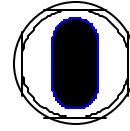
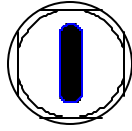
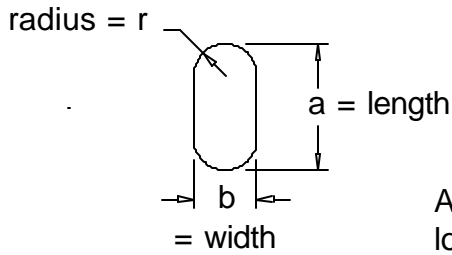
Order RD - XXX and RP - XXX

Order LD - XXX and LP - XXX



SPECIAL SHAPES

OBLONGS



Any combination of a and b is possible as long as both a and b are each less than .520"



$a = .500"$
 $b = .375"$
 $r = .187"$



$a = .500"$
 $b = .330"$
 $r = .165"$



$a = .500"$
 $b = .282"$
 $r = .141"$



$a = .500"$
 $b = .250"$
 $r = .125"$



$a = .500"$
 $b = .218"$
 $r = .109"$



$a = .500"$
 $b = .187"$
 $r = .093"$



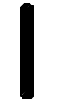
$a = .500"$
 $b = .156"$
 $r = .078"$



$a = .500"$
 $b = .125"$
 $r = .062"$



$a = .500"$
 $b = .236"$
 $r = .118"$



$a = .500"$
 $b = .062"$
 $r = .031"$



$a = .437"$
 $b = .375"$
 $r = .187"$



$a = .437"$
 $b = .250"$
 $r = .125"$



$a = .437"$
 $b = .236"$
 $r = .118"$



$a = .432"$
 $b = .062"$
 $r = .031"$



$a = .415"$
 $b = .218"$
 $r = .109"$



$a = .406"$
 $b = .156"$
 $r = .078"$



$a = .406"$
 $b = .062"$
 $r = .031"$



$a = .394"$
 $b = .236"$
 $r = .118"$



$a = .394"$
 $b = .157"$
 $r = .078"$



$a = .394"$
 $b = .078"$
 $r = .039"$



$a = .375"$
 $b = .312"$
 $r = .156"$



$a = .375"$
 $b = .250"$
 $r = .125"$



$a = .375"$
 $b = .156"$
 $r = .078"$



$a = .375"$
 $b = .125"$
 $r = .062"$



$a = .375"$
 $b = .094"$
 $r = .047"$



$a = .354"$
 $b = .236"$
 $r = .118"$



$a = .354"$
 $b = .218"$
 $r = .109"$



$a = .354"$
 $b = .078"$
 $r = .039"$



$a = .350"$
 $b = .125"$
 $r = .062"$



$a = .343"$
 $b = .094"$
 $r = .094"$



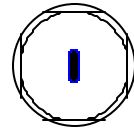
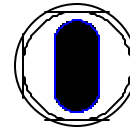
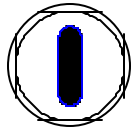
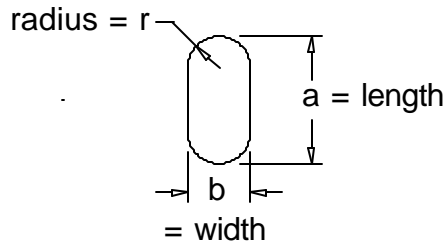
$a = .325"$
 $b = .125"$
 $r = .062"$




$a = .322"$
 $b = .156"$
 $r = .078"$


SPECIAL SHAPES


OBLONGS





Any combination of a and b is possible as long as both a and b are each less than .520"


 $a = .316"$
 $b = .198"$
 $r = .099"$


 $a = .315"$
 $b = .098"$
 $r = .049"$


 $a = .312"$
 $b = .250"$
 $r = .125"$


 $a = .312"$
 $b = .187"$
 $r = .093"$


 $a = .312"$
 $b = .156"$
 $r = .078"$


 $a = .312"$
 $b = .125"$
 $r = .062"$


 $a = .312"$
 $b = .062"$
 $r = .031"$


 $a = .312"$
 $b = .046"$
 $r = .023"$


 $a = .281"$
 $b = .156"$
 $r = .078"$


 $a = .276"$
 $b = .118"$
 $r = .059"$


 $a = .276"$
 $b = .094"$
 $r = .047"$


 $a = .273"$
 $b = .093"$
 $r = .046"$


 $a = .265"$
 $b = .080"$
 $r = .040"$


 $a = .250"$
 $b = .188"$
 $r = .094"$


 $a = .250"$
 $b = .156"$
 $r = .078"$


 $a = .250"$
 $b = .125"$
 $r = .062"$


 $a = .250"$
 $b = .093"$
 $r = .046"$


 $a = .250"$
 $b = .062"$
 $r = .031"$


 $a = .236"$
 $b = .156"$
 $r = .078"$


 $a = .236"$
 $b = .078"$
 $r = .039"$


 $a = .218"$
 $b = .156"$
 $r = .078"$


 $a = .218"$
 $b = .110"$
 $r = .055"$


 $a = .218"$
 $b = .062"$
 $r = .031"$


 $a = .187"$
 $b = .093"$
 $r = .046"$


 $a = .216"$
 $b = .118"$
 $r = .059"$

 $a = .200"$
 $b = .120"$
 $r = .060"$

 $a = .193"$
 $b = .093"$
 $r = .046"$

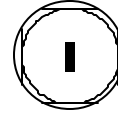
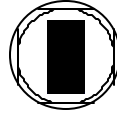
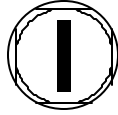
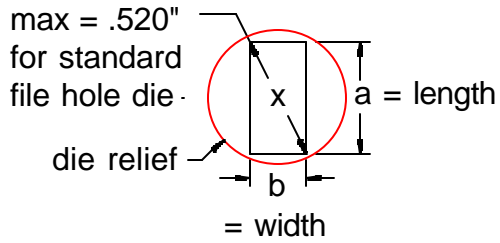
 $a = .322"$
 $b = .156"$
 $r = .078"$

 $a = .118"$
 $b = .078"$
 $r = .039"$



































 $a = .186"$
 $b = .092"$
 $r = .078"$

SPECIAL SHAPES

RECTANGLES



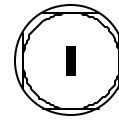
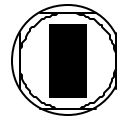
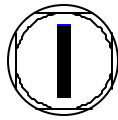
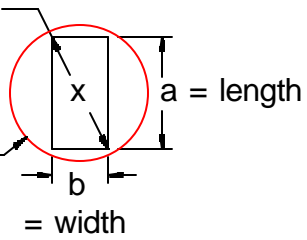
Any combination of a and b is possible as long as the diagonal x is less than .520"

a" x b"	a" x b"	a" x b"
 .406" x .312"	 .312" x .187"	 .375" x .125"
 .437" x .250"	 .236" x .177"	 .312" x .125"
 .312" x .250"	 .300" x .167"	 .265" x .125"
 .315" x .236"	 .394" x .157"	 .250" x 1.25"
 .276" x .216"	 .315" x .157"	 .156" x .125"
 .469" x .200"	 .236" x .157"	 .275" x .118"
 .458" x .200"	 .187" x .156"	 .236" x .118"
 .300" x .200"	 .187" x .140"	 .250" x .110"
 .394" x .197"	 .197" x .138"	 .156" x .109"
 .315" x .197"	 .500" x .125"	 .200" x .100"
 .437" x .187"	 .484" x .125"	 236" x .098"
 .375 x .187"		



































SPECIAL SHAPES

RECTANGLES

max = .520"
for standard
file hole die.



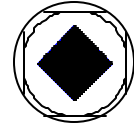
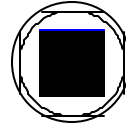
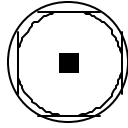
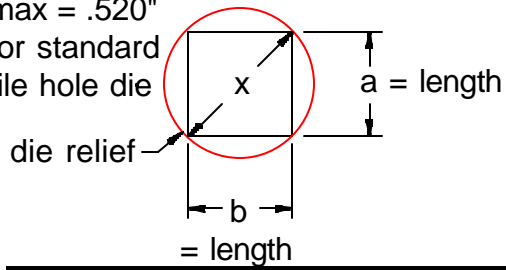
Any combination of a and b is possible as long as the diagonal x is less than .520"

a" x b"	a" x b"	a" x b"
 .205" x .098"	 .375" x .062"	 .312" x .050"
 .375" x .093"	 .312" x .062"	 .375" x .046"
 .312" x .093"	 .250" x .062"	 .281" x .046"
 .250" x .093"	 .218" x .062"	 .234" x .046"
 .240" x .085"	 .125" x .062"	 .218" x .046"
 .200" x .079"	 .375" x .059"	 .197" x .039"
 .472" x .078"	 .315" x .059"	 .187" x .039"
 .354" x .078"	 .275" x .059"	 .157" x .039"
 .315" x .078"	 .236" x .059"	 .500" x .312" with .065" R
 .236" x .078"	 .197" x .059"	 .329" x .200" with .047" R
 .177" x .074"	 .176" x .059"	
 .437" x .062"	 .157" x .059"	

SPECIAL SHAPES

SQUARES

max = .520"
for standard
file hole die



Any combination of a and b is possible as long as the diagonal x is less than .520"

■ .098" x .098"

■ .170" x .170"

■ .315" x .315"

■ .110" x .110"

■ .187" x .187"

■ .118" x .118"

■ .197" x .197"

■ .353" x .353"

■ .125" x .125"

■ .220" x .220"

■ .156" x .156"

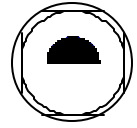
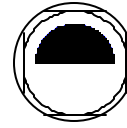
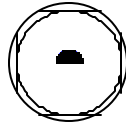
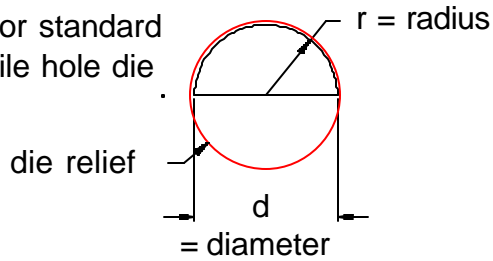
■ .250" x .250"

■ .421" x .421"
with .125" radius

SPECIAL SHAPES

HALF MOONS

max = .520"
for standard
file hole die



Any combination of a and r is possible as long
as a is less than .520"



d = .500"
r = .250"



d = .375"
r = .187"



d = .250"
r = .125"



d = .406"
r = .203"



d = .312"
r = .156"



d = .187"
r = .093"



d = .394"
r = .197"



d = .280"
r = .140"



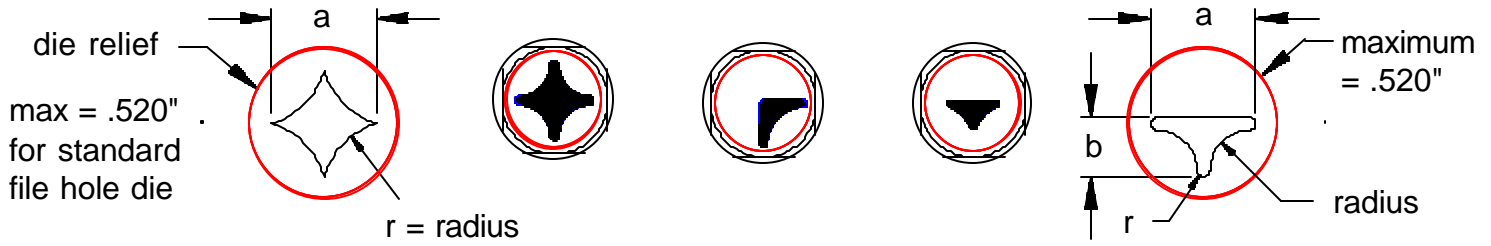
d = .125"
r = .062"



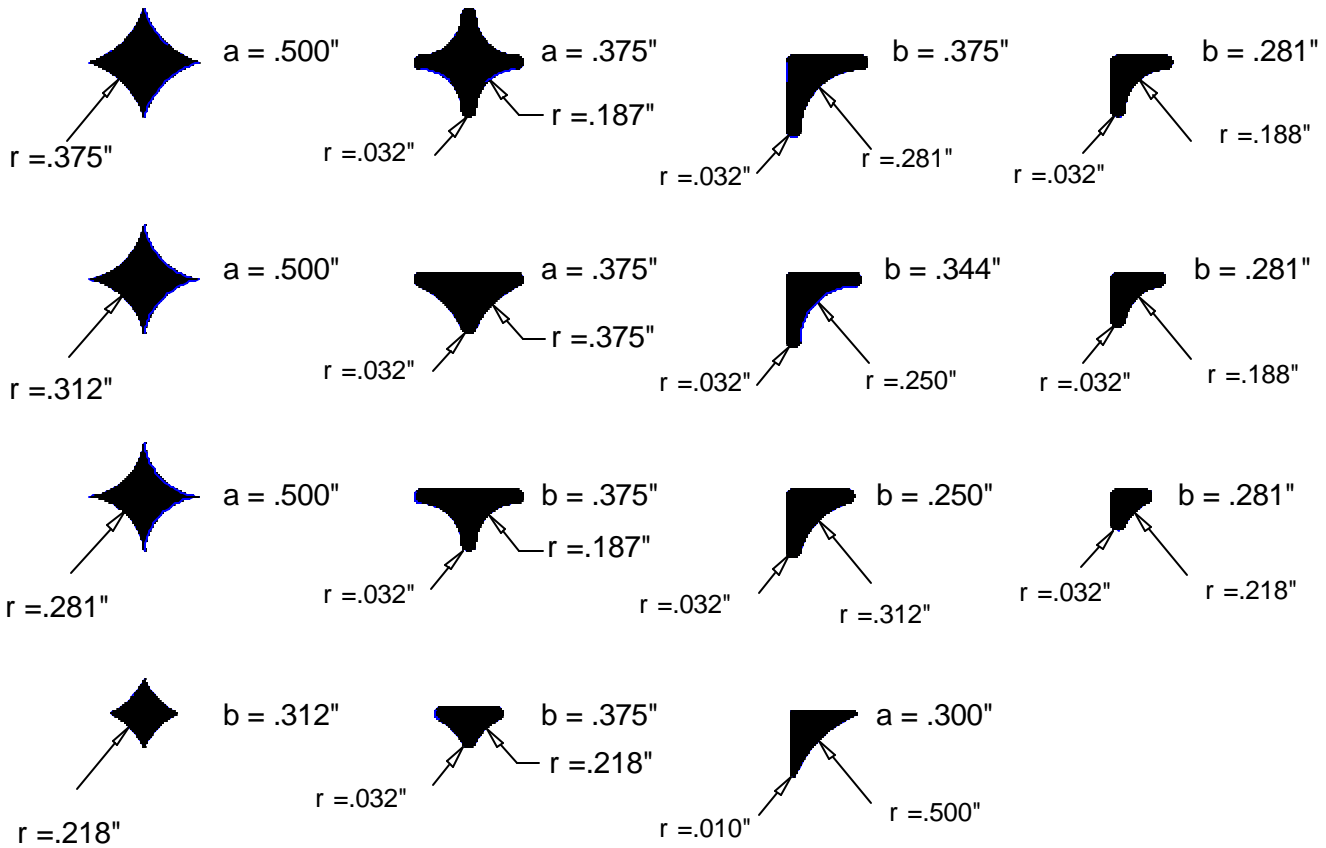
d = .156"
r = .087"

SPECIAL SHAPES

CORNER CUTS



Any combination of a and r is possible as long as a is less than .520" diameter

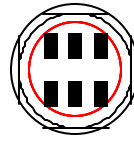
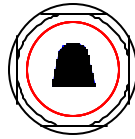
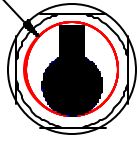


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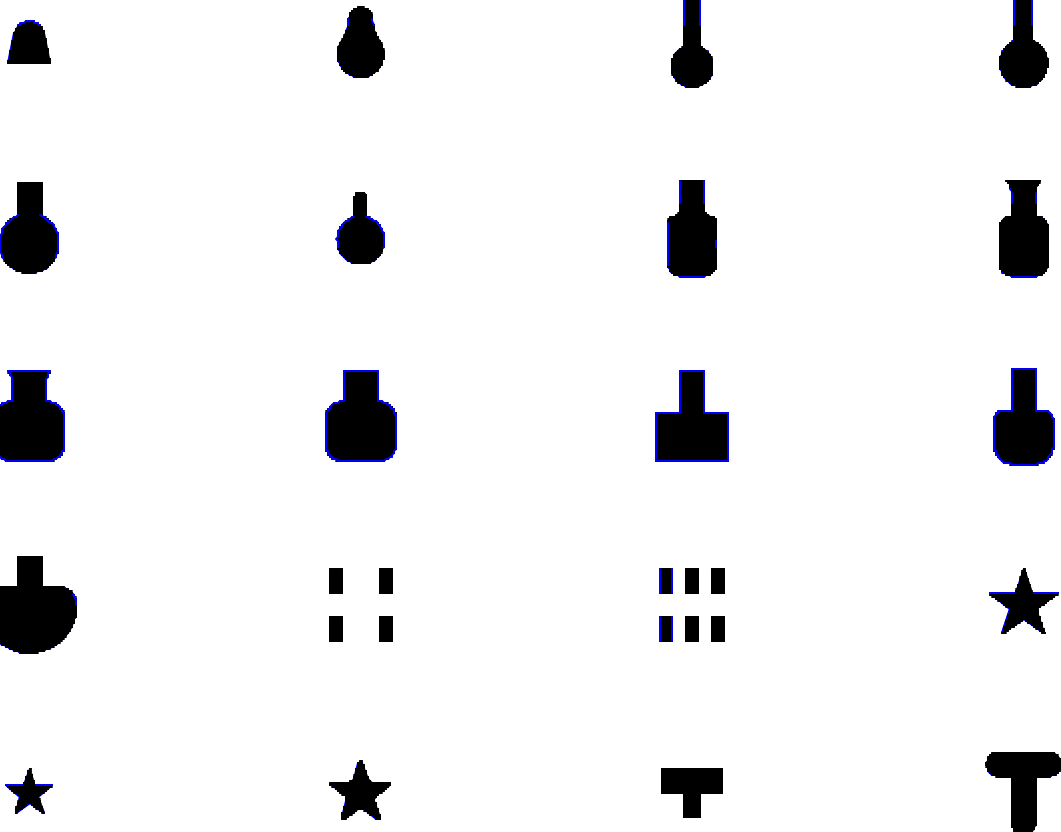
SPECIAL SHAPES

MISCELLANEOUS

die relief
maximum
=.520"



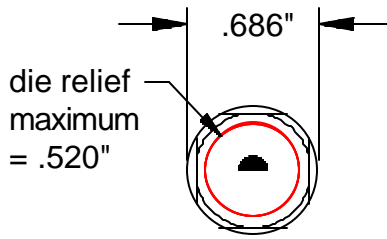
Any shape is possible as long as the
chad can exit the bottom of the die



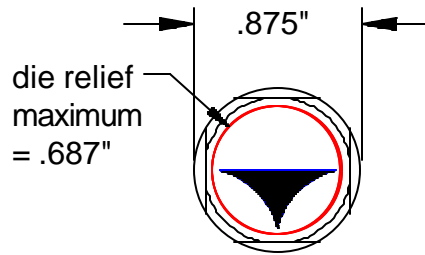
meaden

SPECIAL SHAPES

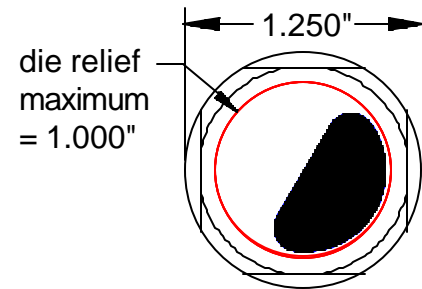
OVERSIZE



Standard
File Hole Die



Oversize Die



Double Oversize Die

Note ! Oversize Punches and Dies
require a special ring

