Moeller Precision Tool is proud to announce our newest ball-lock innovation! The True-Fit™ is the most economical, one-piece constructed, insertable retainer; significantly reducing installation costs over any other product design.

• The strongest and most economical insertable retainer
• The industry’s only true one-piece construction produced from through-hardened, shock-resistant tool steel
• Adaptable booster spring and positive ball-lock retention system - resists shock and eliminates punch retention failure
**METRIC COMPONENTS**

**INSERTABLE PUNCH RETAINERS**

**TRUE-FIT DELIVERY: 1 DAY**

**MRI TRUE-SET STYLE**

**MRJ BACKING PLATE STYLE**

<table>
<thead>
<tr>
<th>METRIC CATALOG TYPE</th>
<th>D</th>
<th>P</th>
<th>W</th>
<th>A</th>
<th>RAD. B</th>
<th>RAD. C</th>
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<tbody>
<tr>
<td>MR_010</td>
<td>10</td>
<td>29.48</td>
<td>15.88</td>
<td>5°</td>
<td>7.94</td>
<td>7.32</td>
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<td>55.09</td>
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<td>30°</td>
<td>24.00</td>
<td>18.52</td>
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**BOOSTER SPRINGS**

True-Fit™ Exclusive: Option booster spring eliminates punch release caused by “ball bounce” associated with heavy gauge, high-strength, and aluminum materials.

**HOLE DIMENSIONS FOR TRUE-FIT INSERTS**

<table>
<thead>
<tr>
<th>PUNCH SHANK Ø</th>
<th>Q</th>
<th>X</th>
<th>B</th>
<th>RAD. G</th>
<th>RAD. H</th>
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**MRI TRUE-SET STYLE**

**MRJ BACKING PLATE STYLE**

www.moellerprecisiontool.com
INCH COMPONENTS

INSERTABLE PUNCH RETAINERS

TRUE-FIT DELIVERY: 1 DAY

IRI TRUE-SET STYLE

IRJ BACKING PLATE STYLE

INCH CATALOG TYPE | D  | P  | W  | A  | RAD. B | RAD. C
---|----|----|----|----|--------|--------
IR_037          | .375 | 1.1608 | .625 | 5° | .3125 | .2861
IR_050          | .500 | 1.4188 | .750 | 5° | .375 | .3445
IR_062          | .625 | 1.5438 | .875 | 10° | .4375 | .3737
IR_075          | .750 | 1.6688 | 1.000 | 10° | .500 | .4362
IR_087          | .875 | 1.7938 | 1.125 | 10° | .5625 | .4987
IR_100          | 1.000 | 1.9188 | 1.250 | 30° | .625 | .3915
IR_125          | 1.250 | 2.1688 | 1.500 | 30° | .750 | .5165

BOOSTER SPRINGS

True-Fit™ Exclusive:
Option booster spring eliminates punch release caused by "ball bounce" associated with heavy gauge, high-strength, and aluminum materials.

PUNCH SIZE .375 HDLB
CATALOG # IAS037B

PUNCH SIZE .500 THRU 1.250 HDLB
CATALOG # IAS050B

HOLE DIMENSIONS FOR TRUE-FIT INSERTS

PUNCH SHANK Ø | Q  | X  | B  | RAD. G | RAD. H
---|----|----|----|--------|--------
.375 | 1.1612 | .6254 | 5° | .3127 | .2883
.500 | 1.4192 | .7504 | 5° | .3752 | .3447
.625 | 1.5442 | .8754 | 10° | .4377 | .3739
.750 | 1.6692 | 1.0004 | 10° | .5002 | .4364
.875 | 1.7942 | 1.1254 | 10° | .5627 | .4989
1.000 | 1.9192 | 1.2504 | 30° | .6252 | .3917
1.250 | 2.1692 | 1.5004 | 30° | .7502 | .5167

IRI TRUE-SET STYLE

IRJ BACKING PLATE STYLE

w w w . m o e l l e r p r e c i s i o n t o o l . c o m