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**New Products For Technology Innovations.**  
**Zapp Tooling Alloys, Inc. Introduces:**

Same day shipment on most orders!

**ZDM Blanks**

**Technological Innovations from Zapp Tooling Alloys**

Zapp's ZDM Blanks offer the convenience of a precision ground, pre-hardened PM block ready for the EDM process. Eliminate the wait for costly grinding and heat treating. Zapp has high performance Z-Series PM Blanks ready to EDM. Quality PM Steels and Quality Heat Treatment.

**Tolerances**

Std Width 5.000"  $+.010"/.040"$   
 Std Length 7.500"  $+.010"/.040"$   
 Std Thickn. See Below  $+.010"/.020"$

**Hardness**

Z-Wear PM Rc 58/60 Excellent Toughness  
 Z-M4 PM Rc 60/62 Best Combined Wear & Toughness  
 Z-A11 PM Rc 60/62 Excellent Wear Resistance

**Z-M4 PM**

**Z-A11 PM**

**Z-Wear PM**

0.500"
0.750"
1.000"
1.250"
1.500"
1.750"
2.000"
2.500"
3.000"
3.500"
4.000"

0.500"
0.750"
1.000"
1.250"
1.500"
1.750"
2.000"
2.500"
3.000"
3.500"
4.000"

0.500"
0.750"
1.000"
1.250"
1.500"
2.000"
2.540"
3.040"
3.500"
4.000"

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 Summerville, SC 29483

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