

# WELDING PARTS, CONTRACT MACHINING, AND RESPONSIVENESS

1-800-558-5213    414-421-8890    FAX 414-421-8896

## YOU'LL ONLY GET ALL THIS FROM COPPER CHROME ZIRCONIUM (CCZ) MIG WELDING LONG-LIFE TIPS

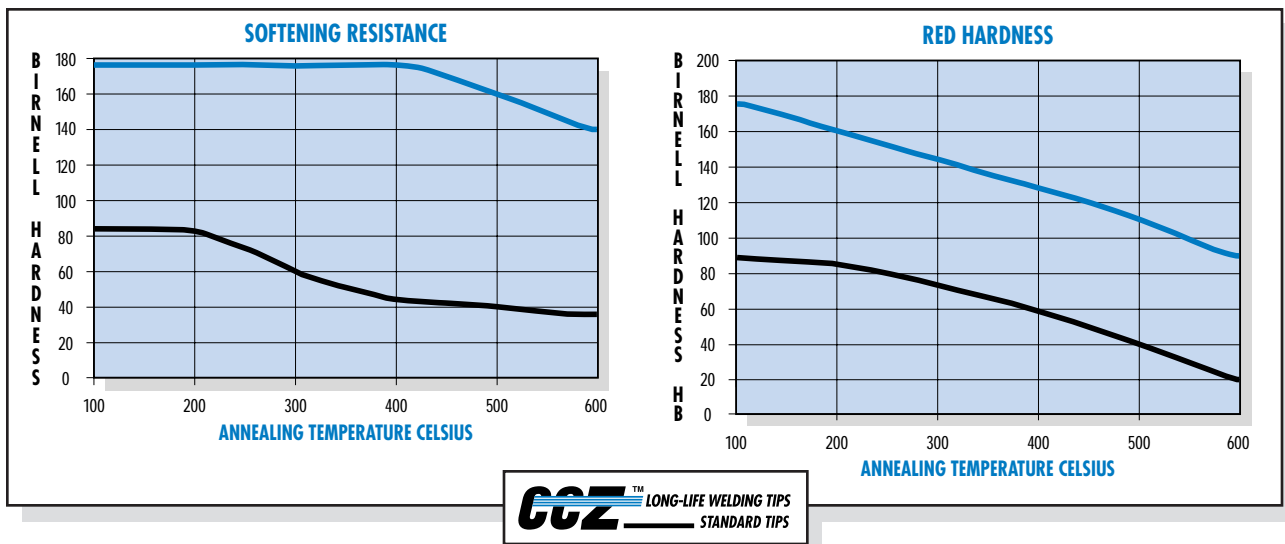
Up to 400% longer life: That's what many Hinz customers are realizing with hard-working, long-lasting Copper Chrome Zirconium Tips. With high chemical and thermal conductivity plus superior strength, they provide increased resistance to softening and increased retention of hardness at higher temperatures.

### CCZ TECHNOLOGICAL VALUES

MATERIAL TYPE	HARDNESS	ELECTRICAL CONDUCTIVITY	THERMAL CONDUCTIVITY	SOFTENING TEMP CENTIGRADE	TENSILE STRENGTH	YIELD STRENGTH
<b>CCZ LONG LIFE TIP</b> COPPER CHROME ZIRCONIUM CU99.1 CR.65 ZR.08	<b>80-92 RHB</b> <b>155-185 HB</b>	<b>76-86 IN IACS</b>	<b>310-335</b>	<b>500°</b>	<b>34-86 ksi</b>	<b>14-77 ksi</b>
<b>122 STANDARD COPPER TIP</b> PHOSPHORUS DEOXIDIZED CU99.9 P .02	<b>35 RHB</b> <b>71 HB</b>	<b>85 IN IACS</b>	<b>360</b>	<b>205°</b>	<b>32-55 ksi</b>	<b>10-50 ksi</b>

Source: Copper Development Association

### HOW DO CCZ LONG-LIFE TIPS COMPARE TO CONVENTIONAL TIPS?



### AND YOU'LL ONLY GET CCZ LONG-LIFE TIPS FROM HOWARD G. HINZ

Here's one of the best tips you could get: **CCZ** Long-Life Tips, exclusively available from Howard G. Hinz. For a few cents more you can reduce robotic line shutdowns and meet production schedules more easily and reliably. Hinz also offers you customized tips and nozzles meeting virtually any specifications. Call Hinz today.



THE HOWARD G. HINZ CO., INC.

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