# Solutions Matched to Gear Grinding

## Electroplated Diamond Dresser

**UP Dresser Premium**



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|---|---|---|
| Challenges | Would like to improve gear tooth flank accuracy? | Would like to reduce tool costs? |
| Solutions | Reduce Changes in Dresser Tooth Flank Waviness | Extend Dresser Life by More than 2× |

### CORE TECHNOLOGY

**Technical features**

Improved Base Profile Accuracy / High-Hardness Electroplated Bond / Optimized Lapping Allowance

**Effects in grinding**

Reduced Dresser Tooth Flank Waviness / Improved Diamond Retention / Balance of Profile Retention and Cutting Ability

**Performance data**

### UP Dresser Series Lineup

**UP Dresser Premium**

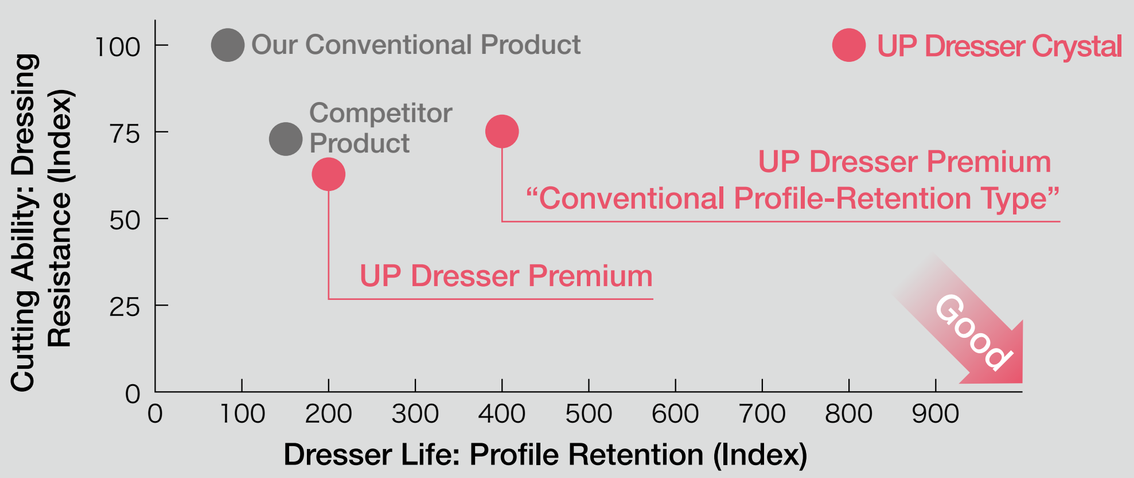
A standard specification combining high profile accuracy with excellent cutting ability for a wide range of gear grinding applications.

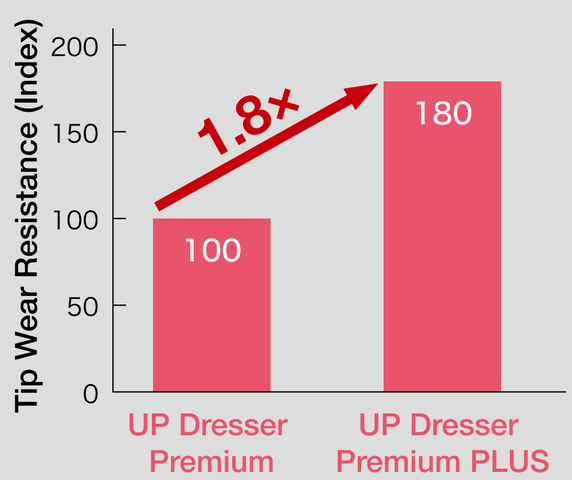
**UP Dresser Crystal**

A long-life specification using high-strength synthetic diamond. It reduces diamond wear and uneven wear, contributing to improved profile retention.

**UP Dresser Premium PLUS**

A tip-reinforced specification available for both Premium and Crystal. It suppresses tip wear and contributes to longer dresser life.




JTEKT GRINDING TOOLS CORPORATION