

Castolin Eutectic Services

Our Service Centers provide a local presence, though our expertise spans the globe with international teams that pool resources to solve difficult industrial wear problems in a cost-effective way. No matter the wear challenge, our fully equipped and professionally staffed Eutectic Services workshop can help you!

Industries We Serve



Mining



Cement



Steel



Oil & Gas



Pulp & Paper



Heavy Machinery



Agricultural



Power



CastoDur[®] Diamond Plate



- Full plates, custom liners, made-to-spec wear parts and components
- Engineered overlay grades and thicknesses for maximum wear protection
- Proprietary wear resistant alloys built-to-outperform

Pioneering Industrial Sustainability



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The innovative **Sinus Wave** pattern cuts wear by up to **30%** over traditional plates

CDP® Wear Plates

Durability Meets Efficiency

Castolin Eutectic has been at the forefront of wear management solutions, delivering advanced materials engineered for extreme industrial applications.

Our **CDP Wear Plates and Liners** incorporate **high-performance alloys** and **optimized metallurgical structures** to provide exceptional resistance to abrasion and impact.

Designed to maximize equipment longevity, the CDP wear plates reduce downtime and lower total cost of ownership through **extended service life** and **minimized maintenance requirements**.

Backed by decades of material science expertise, Castolin Eutectic's solutions ensure reliable performance in the most demanding operating conditions.

Enhanced Performance with Advanced Engineering

- **Uniform Toughness:** Constant hardness throughout with a dense, ultra-tough grain structure.
- **Optimized Carbide Performance:** Heat input tailored to maximize wear characteristics and reduce maintenance.
- **Quality Assurance:** Minimized cross-checking and flat welding prevent post-weld issues like delamination.

Custom Solutions for Extreme Conditions

- **Diverse Alloys:** Chromium Carbide, Complex Carbide, and Tungsten Carbide overlays developed to resist combinations of abrasion, impact, erosion and high wear.
- **Complete Protection:** we offer matching alloys in electrode and wire form for joining and capping all seams.
- **Reduced Wear:** Sinus wave patterns cut wear by up to 30% over traditional plates

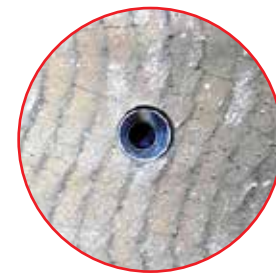


Your Ultimate Wear Protection

CDP is a full line of weld overlay and laser plates and liners engineered to resist abrasion, erosion and impact. Superior performance is achieved through optimized surface hardness and ultra-tough, carbide-rich alloy chemistry, engineered for modern industry needs.

CDP wear plates and liners can increase the lifespan of fixed and mobile equipment, all while reducing the environmental impact and cost of buying new parts. Expect consistent wear performance, simplify your maintenance plans, and achieve higher productivity and safety.

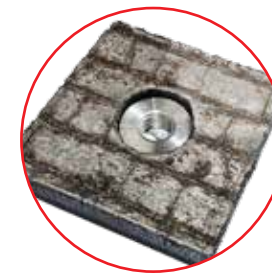
Attachment Methods



Counter Sunk



Welded Studs



Threaded



Beveled Slot

CDP Selection Guide

PLATE	DESCRIPTION	ASTM G65*	HARDNESS (HRC)
CDP 1001	HIGH ABRASION RESISTANCE Premium CrC alloy	19 - 21 mm ³	58 - 63
CDP 4666	SEVERE ABRASION RESISTANCE Ultra-fine Complex Carbides	17 - 19 mm ³	61 - 64
CDP 4688	EXTREME ABRASION RESISTANCE Premium Tungsten Multi-Alloy	13 - 15 mm ³	63 - 67
CDP 4923	HIGH IMPACT RESISTANCE Ultra-tough Multi-Carbides	18 - 20 mm ³	54 - 57
CDP LC-8	LIGHTWEIGHT LASER PLATE Proprietary WC - Ni matrix	10 mm ³	61 - 65

Standard and custom engineered overlay thicknesses are available.

*ASTM G-65 is an industry standard wear test for measuring abrasion based on average material loss.