

Choosing the ideal wheel for your application has never been so easy

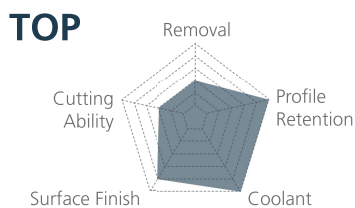
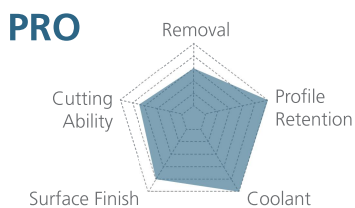
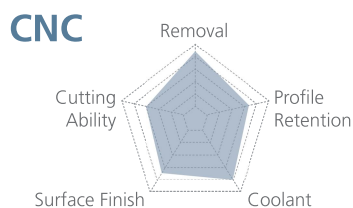
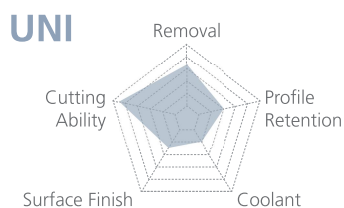
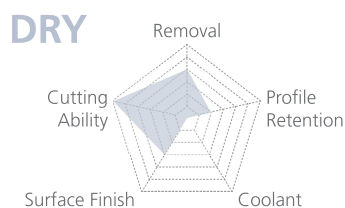
8 bond families for infinite applications.

H A R D N E S S	09	METAL Highest edge retention	Hardest bond system, ideal when excellent profile retention and minimum wear are required, even on abrasive materials.
	08	HYBRID Top performance on CNC machines	CAFRO Hybrid bonds ensure high performances in carbide tools' construction; they have been optimized both for the profile retention of 11V9 and 12V9 wheels that for high-removal, single-pass creep-feed grinding.
	07	POLYMIDE Optimized for microtools	First developed for micro-tools, those bonds have a continuously expanding application range, thanks to their heat resistance characteristics.
	06	SUPERFIN Mirror finish surfaces on CNC	One of CAFRO's success stories: specifically developed for tungsten carbide endmills' and drills' lapping, achieving surface roughness. Ra<0.05µ and Rz<0.4µ.
	05	TOP The highest edge retention among the resin bonds	A new family in the Cafro Bond System for the best heat transfer from the workpiece, in order to allow corner stability and a reduced cutting pressure.
	04	PRO Profile holding and removal	This Cafro Bond System family allows the best compromise between cutting ability and profile holding, together with a silent grinding.
	03	CNC High removal on CNC machines	Optimized for applications on CNC machines where high removal rate coupled with profile retention and low absorption are required.
	02	UNI Universal use on manual machines	A strong free cutting ability allows its use in a wide range of applications: ideal for example for large diameter wheels and centerless grinding.
01	DRY Free-cutting for dry grinding	Developed for dry grinding, thanks to its cold cutting ability it is suggested also for applications with large contact areas.	

CAFRO Bond System

CAFRO BOND SYSTEM is the innovative managing method of CAFRO's resin bonds: 4 bond families dedicated to specific application fields, each divided in a numeric scale – odd numbers for Diamond and even numbers for CBN – which defines quickly, easily and intuitively the optimized solution to your specific grinding operation.

	DIAMOND	OPERATION	CBN
↑ HARDNESS ↓ CUTTING ABILITY	TOP 7 TOP 5	Edge Retention	TOP 8 TOP 6
	TOP 3 TOP 1		TOP 4 TOP 2
	PRO 7 PRO 5	Profiling	PRO 8 PRO 6
	PRO 3 PRO 1		PRO 4 PRO 2
	CNC 7 CNC 5	High removal	CNC 8 CNC 6
	CNC 3 CNC 1	CNC grinding	CNC 4 CNC 2
	UNI 7 UNI 5	Manual grinding	UNI 8 UNI 6
	UNI 3 UNI 1	Flat grinding	UNI 4 UNI 2
	DRY 7 DRY 5	Dry grinding	DRY 8 DRY 6
	DRY 3 DRY 1	Large contact areas	DRY 4 DRY 2



A selection of wheels optimized with Cafro Bond System are available at stock for immediate delivery. Ask the Stocklist to your **Cafro** contact or download it from www.cafro.com