

CERABOND X – The Next Generation of Unitised Wheels



CERABOND X Unitised Compact Wheels for universal use

The new **CERABOND X Unitised Compact Wheels** combine Bibielle's proven unitised technology with Tyrolit's innovative **triple-winged ceramic grain BCA-TW**. This premium grain ensures the **highest aggressiveness, cool grinding**, and an **extended lifetime**, while delivering excellent surface quality.

Thanks to the unique structure of the abrasive, users benefit from a consistently high stock removal rate combined with a fine finish. This reduces the need for intermediate grinding steps and significantly increases process efficiency.

The CERABOND X Unitised Wheels are available **with or without a fibre backing** as well as in a **quick-change version**. Available specifications include **6 CA Medium and 9 CA Coarse**, covering a wide range of applications

Main applications:

- + Removing burr
- + Removing welds
- + Polishing and surface preparation
- + Removal of material with good surface quality

Assortment

Shape		TN	Dimension	Specification
	CERABOND X Unitised Compact Wheels	34759685	76 × 6 × 6,4	VL UW 6 CA MEDIUM P
		34759686	76 × 6 × 6,4	VL UW 9 CA COARSE P
		34759709	125 × 6 × 22,2	VL UW 6 CA MEDIUM P
		34759721	152 × 3 × 25,4	VL UW 6 CA MEDIUM P
		34759722	152 × 3 × 25,4	VL UW 9 CA COARSE P
	CERABOND X Quick-Change Unitised Compact Wheels	34759776	51 × 6,4 × R	QDISC VL UW 6 CA MEDIUM P
		34759777	51 × 6,4 × R	QDISC VL UW 9 CA COARSE P
		34759876	76 × 6,4 × R	QDISC VL UW 6 CA MEDIUM P
		34759877	76 × 6,4 × R	QDISC VL UW 9 CA COARSE P
	CERABOND X Unitised Pre-Polish Discs	34759446	115 × 22,2	28 VL UW 6 CA MEDIUM P
		34759729	115 × 22,2	28 VL UW 9 CA COARSE P
		34759732	125 × 22,2	28 VL UW 6 CA MEDIUM P
		34759733	125 × 22,2	28 VL UW 9 CA COARSE P

Further dimensions available on request

Made in Partnership: Tyrolit & Bibielle



Innovation meets tradition for unmatched grinding performance

For more than 40 years, **Tyrolit** has been setting **benchmarks** in ceramic **abrasive grain technology**. With the new **BCA-TW triple-winged grain**, Tyrolit now defines a **new level of performance**.

Bibielle is recognized worldwide for its **high-quality three-dimensional abrasives**. With this new product, **Bibielle combines its manufacturing expertise with Tyrolit's grain innovation**.

The result: the new **CERABOND X Unitised Wheels** – bringing together the key competences of two leaders in abrasive technology

Perfect Synergy

- + Unitised Wheel production: Bibielle – full control of the production chain for maximum quality and safety
- + Grain production: Tyrolit Schwaz, Austria – home of the BCA-TW innovation
- + Joint expertise: Tyrolit's grain know-how meets Bibielle's production excellence – delivering an outstanding high-performance product

About the grain BCA-TW

The new BCA-TW triple-winged grain sets a new benchmark in shaped ceramic abrasives. Its unique design allows more open bonds, ensuring optimized heat dissipation and cooler grinding.

Thanks to a refined manufacturing process and premium raw materials, BCA-TW offers improved grinding properties, outstanding self-sharpening, and long lifetime – even in demanding applications.

Key Benefits:

- + Optimized heat dissipation for cooler grinding
- + Unique self-sharpening effect for consistently high removal rates
- + Excellent fracture behavior ensures long tool life and efficiency
- + Premium raw materials and processes guarantee superior performance

