

Anchor[®] *Since 1946*

Partner for ultimate success

Sol Gel Abrasive Grain **CX Series** Low temperature bond



ENVIRONMENTAL DESIGN
SOL GEL ABRASIVE
BETTER LIFE TIME
AND HIGH EFFICIENCY
Life time **3X** Efficiency **3X**
壽命 **3X** 切削力 **3X**
Compare with WA

■ CX Wheel (Sol Gel Abrasive Grain)

Anchor CX Series wheel applies unique sol gel method abrasive grain with microcrystalline structure which is harder and stronger than traditional fused abrasive. The high self-sharpening ability of Anchor CX Wheel stems from the high purity grit structure of abrasive. Different from the traditional fused abrasive which might absorbing impurities and result in bad self-sharpening, CX wheel shows high density and strength to keep sharp edge and enhance cutting ability.

■ Application (Harder than HRC50°)

Suit for harder material and higher infeed rate

- Bearing Steel SUJ2
- SKD11、SKT1-6
- SKH2-10、SKH52-57
- ASP23、ASP30、ASP60



Abrasive Type

The cutting ability of abrasive is related to its hardness and toughness. The toughness is about the crack resistance and compressive strength which could be measured by Vickers hardness test.

Abrasive	Hardness (Gpa)	Toughness (MPa m. 5)
CBN	43	5.7
CX	22	4.0
Fused Cobalt Alumina	16	3.6
Silicon Carbide (C/GC)	24	2.5
Fused Alumina (WA/38A)	18	2.2

Feature & Benefit

- Long life time** : The test data shows that CX grinding wheel is **3 times** better than WA grinding wheel in life time.
- Energy saving** : CX grinding wheel is more durable and less prone to blunts while grinding. It constantly creates new sharp edges by the dropping out of microcrystalline ceramic grits °
- High efficiency** : High efficiency on harder material and higher infeed rate grinding process. Longer dressing interval.
- Low grinding heat** : The high self-sharpening of CX grinding wheel results in good heat dissipation to avoid burning.

COMPANY INFORMATION

CARBO TZUJAN INDUSTRIAL CO., LTD.

- For details, please contact the following agency.

Anchor[®]

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- While using grinding wheels, it is essential that you observe correct procedures and work safely to protect yourself.