

KAFIX[®]

CBN INSERTS



aluminum electrode arms
electrode spray cooling (ECS)
composite roll A
composite roll AHD
cantilever roll AF
roll cooling
roll rings TC
roll rings PM

cbn inserts

KARK

KAFIX[®]

CBN INSERTS

- excellent abrasive wear resistance
- high thermochemical stability during machining
- solid material ensures high degree of mechanical strength
- superior cutting tool material with extreme hardness conditions
- lower machining cost and fewer tool changes
- significant cost savings compared to carbide or ceramic inserts
- state-of-the-art inserts from one of the leading manufacturers

KAFIX CBN INSERTS represent a new generation of advanced technology cutting tool materials, developed for users striving for optimised and cost effective production.

With this product line **KARK** offers a range of solid CBN inserts and respective tool holders that satisfy almost every machining application request.

The **KAFIX CBN INSERTS** have been specifically designed for the needs of your roll shop. The increased thickness compared to many other standard inserts, makes them the optimum tool to machine harder materials, including TC- and PM-material roll rings.

KAFIX CBN INSERTS are available in 3 different diameters. The necessary tool holders are also available from **KARK**, either in a selection of standard sizes or tailor-made applications to match your turning lathe requirements.

Polycrystalline Cubic Boron Nitride (PCBN or CBN) is a material which is sintered at extremely high pressure and high temperature into a wear-resistant material with properties close to those of diamond. Due to the hot hardness, oxidation resistance and fracture toughness of the material, inserts made of CBN have excellent edge strength and long tool life in machining operations on PM and TC materials, as well as on harder iron and steel applications.

We at **KARK** see ourselves as a partner to our customer, rather than a supplier. That's why we not only offer you the tools, but also the CNC-programming service, machining recommendations and in-house training.

KARK has been a service and solution provider for the steel industry for more than 25 years. In the meantime, superior products like the **KAFIX** Composite Rolls and Axial Clamping Systems, **KAFIX COOL** Intense Roll Cooling System and the

KARK EAF Aluminum Electrode Arms have made the name **KARK** a byword for quality and reliability around the world.

More details about our products are available from our representatives or directly from **KARK**.

CBN TOOL HOLDERS

		DIMENSIONS IN MM			
ITEM NO.	FOR CBN INSERT		L	H	W
KARK 2525 150TH 0604	0604		150	25	25
KARK 3225 170TH 0904	0904		170	32	25
KARK 3225 170TH 1204	1204		170	32	25
KARK 5040 300TH 1204	1204		300	50	40

CBN INSERTS

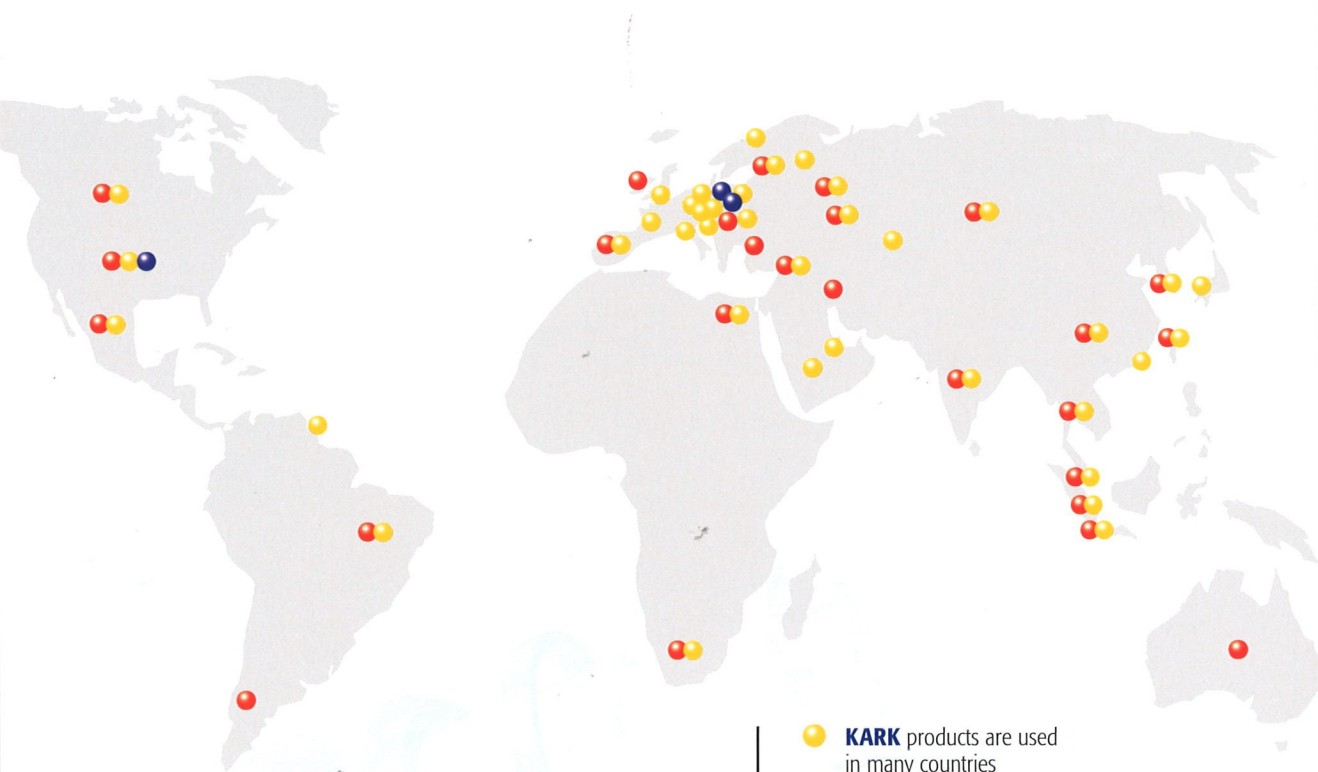
			DIMENSIONS IN MM	
ITEM NO.	MATERIAL	TYPE		
KARK 0604 00 RNMN	CBN	SOLID	6,35±0,05	4,76±0,13
KARK 0904 00 RNMN	CBN	SOLID	9,52±0,05	4,76±0,13
KARK 1204 00 RNMN	CBN	SOLID	12,70±0,08	4,76±0,13

CBN TOOL HOLDER SPARE PARTS

		CONTENTS*						
ITEM NO.	FOR TOOL HOLDER	ANVIL	ANVIL SCREW	CLAMP	PRESSURE PLATE FOR CLAMP	CLAMP SCREW	SPRING	KEY
KARK 0604 00 SPKIT	KARK 2525 150TH 0604	8 PC	8 PC	2 PC	-	-	-	1 PC
KARK 0904 00 SPKIT	KARK 3225 170TH 0904	8 PC	8 PC	2 PC	-	2 PC	2 PC	1 PC
KARK 1204 00 SPKIT	KARK 3225 170TH 1204	8 PC	8 PC	2 PC	-	2 PC	2 PC	1 PC
KARK 1204 00 XXKIT	KARK 5040 300TH 1204	8 PC	8 PC	2 PC	2 PC	-	-	1 PC

* ALL LISTED PARTS ARE ALSO AVAILABLE SEPARATELY.





● **KARK** products are used
in many countries

● **KARK'S** representatives

● **KARK** production facility
or sales office

aluminum electrode arms

electrode spray cooling (ECS)

composite roll A

composite roll AHD

cantilever roll AF

roll cooling

roll rings TC

roll rings PM

cbn inserts

KARK

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