

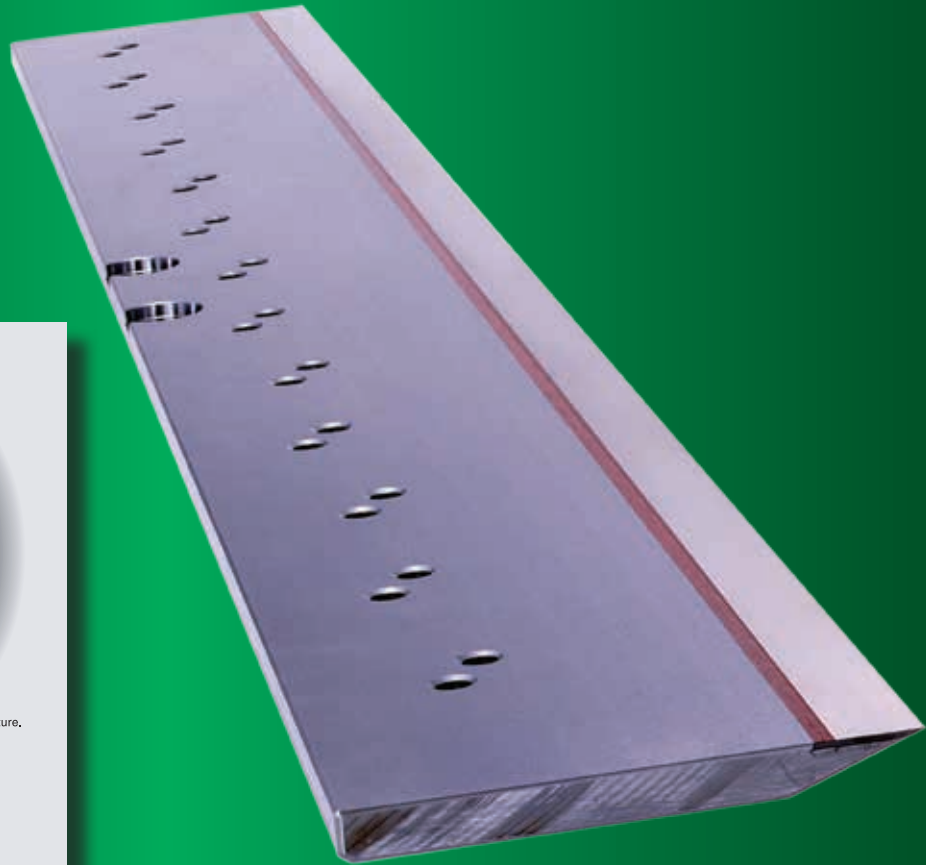


**International
Knife & Saw**

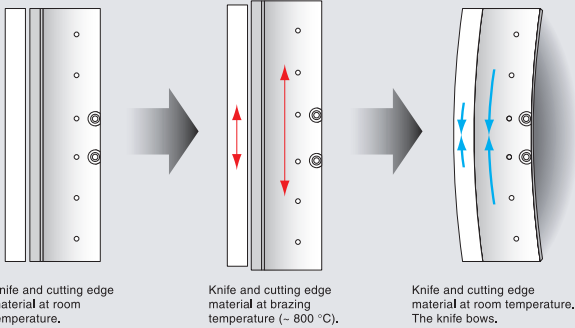
proudly offers

VITECH-TC

KANEFU S A



The Problem



The Solution – Vital Technology - VITECH

What is VITECH? VITECH stands for innovative and outstanding paper cutting knives and related knife manufacturing technology.

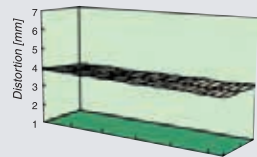
Therefore VITECH-TC paper cutting knives are sharper, straighter and outlast other Tungsten Carbide knives many times.

In the case of VITECH-TC, the Tungsten Carbide cutting edge is not brazed but at low temperature bonded to a steel substrate, which eliminates internal stress.



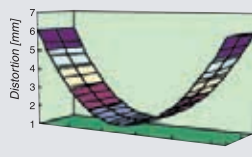
Bowing

VITECH-TC



Bowing of a VITECH-TC cutting knife for a Polar 115 machine.
Knife size: 1390 x 160 x13,75
The measured maximum distortion is 0.23 mm.

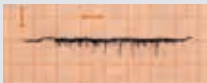
Conventional Inlaid Knife



Bowing of a conventional carbide inlaid paper cutting knife for a Polar 115 machine.
Knife size: 1390 x 160 x13,75
The measured maximum distortion is 4.65 mm.

Cutting Edge Roughness

VITECH-TC



The measured cutting edge roughness after 20 cuts in Ivory Carton #36 with a thickness of 3,0 mm is Ra max = 14 µm.

Conventional Inlaid Knife



The measured cutting edge roughness after 20 cuts in Ivory Carton #36 with a thickness of 3,0 mm is Ra max = 50 µm.

IKS VITECH Distributors

The following list of distributors will have access to this premium product:

Graphic Arts Service and Supply
616-698-9300

Grand Rapids, MI Detroit, MI
and Erlanger, KY

Jorson & Carlson Company
847-437-7550

Elk Grove Village, IL Greenville, WI
Nashville, TN, Des Moines, IA
Baxter, MN and Griffin, GA

Kastle Grinding
816-525-3611

Lee's Summit, MO

LA Grinding/ Arizona Grinding
818-846-9134

Burbank, CA and Phoenix, AZ

Tri State Grinding
609-890-4989

Robbinsville, NJ

www.iksinc.com