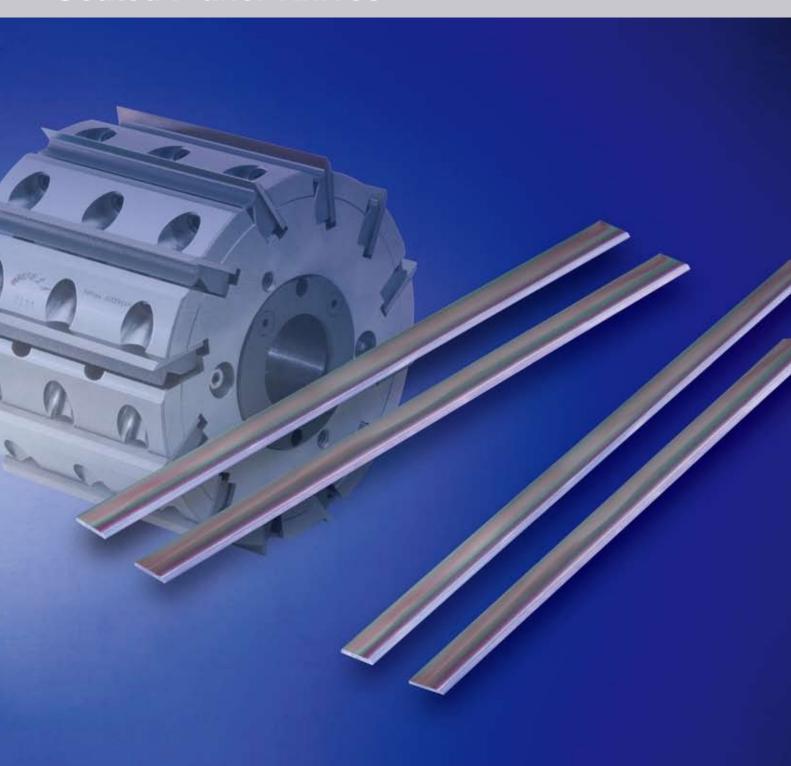
# ST-1 Revo



## Now even longer cutting Life! Coated Planer Knives



### Kanefusa - A New Dimension of Performance





# ST-1 Revo

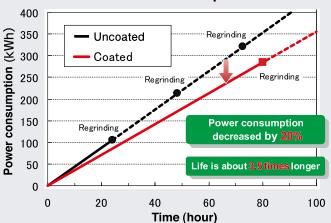
## Even longer sharp edge thanks to Newer coating

PAT EP2279837

KANEFUSA is the pioneer and worldwide leader in the development of advanced cutting edge materials for the woodworking industry. The intensive research and development effort has added a new dimension, ST-1 Revo, to our already very much praised "Advanced Material Technology".

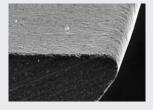
### ■Comparison between uncoated knife and "ST-1" Knife

#### **■ Less Power Consumption**



\*Planer knife: Uncoated and "ST-1" planer knives were tested at Japanese glue lumber company, cutting Spruce and Red wood.

- The "ST-1" cutting edge stays sharp with only trace
- While regular knives tear-out the grain, "ST-1" knife provides a smooth finish throughout the entire



An uncoated High Speed Steel cutting edge is already round after cutting only 1000 m of Spruce.



The Advanced Material Technology "ST-1" cutting edge is still sharp

#### ■Comparison between uncoated and "ST-1 Revo" Knife

#### 30 25 Edge Wear (µm) 20 15 10 ST-1 Revo 5 Uncoated 0 0 1000 3000 4000 5000

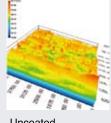
Cutting meters (m)

**■ Longer Cutting Life** 

#### Better surface finish

The surface which was measured by "Laser Surface Profile Measuring Apparatus" evidently explains the differences in cut quality between uncoated and the "ST-1 Revo" cutting edges.

A better cut surface eliminates or reduces subsequent finishing processes and leads to a higher product quality.



ST-1 Revo (coating)

\*Cut surface after cutting Spruce 2.500m



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