

SALIOS WHEELS

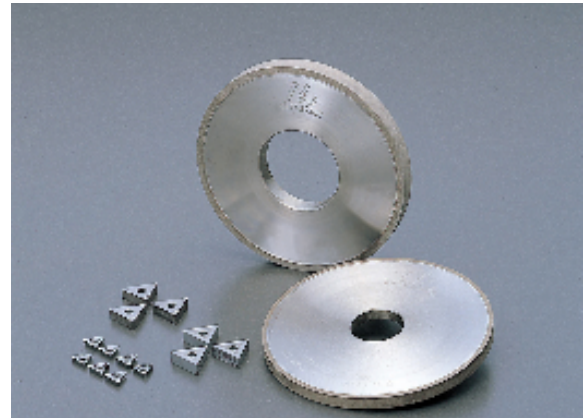
Grinding Wheels for Cermet

Salios is a new kind of diamond wheel made especially for cermet applications, based on Uplas bond; a composite of special ceramics bond and metal bond.

Characteristics of Salios Wheels

The conventional wheel soon loads, consequently spoils its sharpness and results in burn marks and cracks in cermet grinding. This problem increases the need for dressing and significantly decrease the wheel life and efficient grinding.

The Salios wheels, which use new Uplas bond, are resistant to loading and dull sharpness, which radically decreases the need for dressing, stabilizes the surface quality and significantly improves the efficiency.



Range of Bonds

Bond Code	Grain Size
UB75M	#400~2000

* Other grain sizes are possible in a case

● Example Applications

● Chip breakers grinding

Horizontal spindle surface grinder- Tool grinder (Makino)

Wet (water solution) Stock removal: 3 mm

Wheel speed: 18 m/sec Work speed: 12 mm/min Depth of cut: 3 mm/pass

Wheel: SD 600 J UB75M 1A1BR 100D x 10T x 38.1H x 3X

	Salios	Conv. Resin #325
Dressing intervals	10 pieces	3 pieces
Profile holding	Good	-
Sharpness	Excellent	Obvious wheel loading

* Purpose of dressing: To restore the wheel to its original shape and remove loading.