

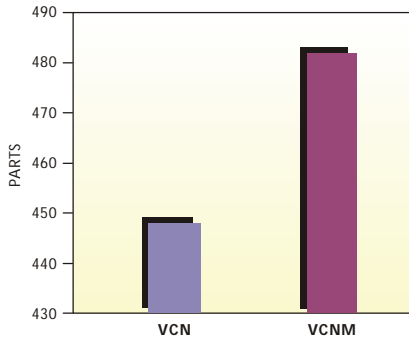
VCNM Bond for Centreless Application

Case Study -8

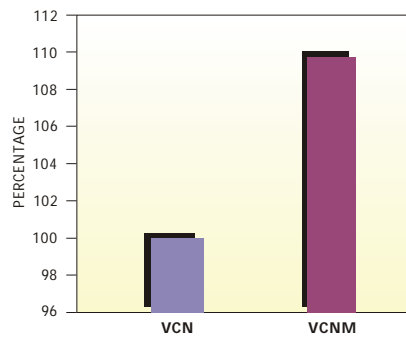
GRINDING RESULTS

CASE - 1

PARTS/DRESSING

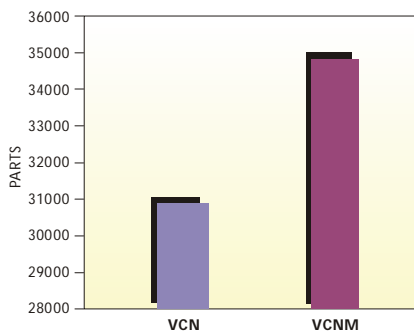


IMPROVEMENT IN PARTS/DRESS

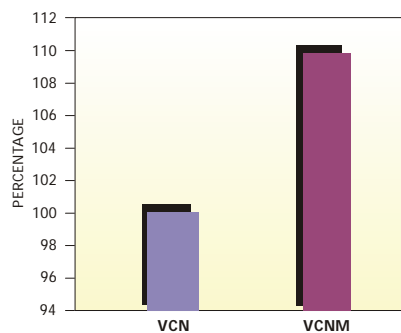


CASE - 2

PARTS/DRESSING



IMPROVEMENT IN PARTS/DRESS



MACHINE TOOL FACTORS

Case 1

- Make : Riat Centreless grinder
- Power : 5 hp
- Speed : 33 m/s

Case 2

- Make : Jyothi Centreless grinder
- Power : 7.5 hp
- Speed : 33 m/s

OPERATIONAL FACTORS

- Stock: Case 1 : 300 μ on dia
- Case 2 : 200 μ on dia

WORK MATERIAL FACTORS

Case1

- Component : UJ cross

Case 2

- Shock absorber tubes

ABRASIVE PRODUCT

- Old : A60 VCN
- New : A60 VCNM

CONCLUSION:

VCNM bond has performed better than VCN in terms of improvement in dressing frequency by 8% and 10% respectively in 2 different cases

NORTON

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SAINT-GOBAIN
ABRASIVES