

NEW SK855X Ceramic Coated Abrasive Fact Sheet



Backing	<ul style="list-style-type: none"> • Heavy X-Weight Polyester
Bonding	<ul style="list-style-type: none"> • Resin over resin with grinding additives (Top Size)
Grain/Coating	<ul style="list-style-type: none"> • Ceramic Alumina
Grit Range	<ul style="list-style-type: none"> • 24 – 120
Manufactured Width	<ul style="list-style-type: none"> • 58"
Abrasive Types (forms)	<ul style="list-style-type: none"> • Narrow and Wide Belts
Raw Material	<ul style="list-style-type: none"> • Stainless Steel, Titanium and Titanium Alloys and Superalloys
Sanding/Grinding Operation	<ul style="list-style-type: none"> • Backstand, Powerpack Grinders and Swing Frame
Advantages	<ul style="list-style-type: none"> • High cut rate, moderate to high pressure applications • Cool Cut



SK855X TEST REPORTS:



Application: Off-hand Gate Grinding

Machine Type: Hammond Backstand

Workpiece: Stainless Steel Housing for Aerospace components

Products:

VSM's SK855X 36 grit, 1" x 132"

Norton's R980 Blaze 36 grit, 1" x 132"

Test Results:

VSM's SK855X removed 36, 1" gates off of stainless steel housings. Norton's Blaze only removed 24 gates.

Application: Off-hand Gate Grinding

Machine Type: Backstand

Workpiece: Large 40 lb Stainless Steel Casting

Products:

VSM's SK855X 36 grit, 3" x 132"

3M's 977F, 36 grit, 3" x 132"

Test Results:

VSM's SK855X removed the gates off of two stainless steel castings, while the 3M product only removed the gates off of one casting. The operators felt that the VSM SK855X cut cooler than the 3M 977F.

Application: Power Pack Gate Grinding

Machine Type: Custom Built Power Pack Grinder

Workpiece: Stainless Steel Investment Castings

Products:

VSM's SK855X 36 grit, 6" x 132"

Norton's R980 Blaze 36 grit, 6" x 132"

3M's 987FI Ice 36 grit, 6" x 132"

3M's 977F 36g grit, 6" x 132"

Test Results:

VSM's SK855X -- 340 parts

Norton's R980 -- 83 parts

3M's 987FI -- 146 parts

3M's 977F -- 88 parts