



NEW REGISTON SUPER GREEN SIGMA CATALOG with product examples



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NEW REGISTON PRODUCT BROCHURE

SUPER GREEN SIGMA



Features and Applications

- Moderate flexibility brings less noise and vibration, also reduce operator's fatigue even long time using.
- This wheel is applicable to steel, stainless steel and aluminum, there is no need to change the grinding wheels depending on the work piece..
- This is the new type of grinding wheel which combines grinding ability & durability of conventional depressed center wheel and easy using.
- Ideal for weld bead removal and deburring of steel, stainless steel.



Specifications

Diameter (mm)	Thickness (mm)	Bore (mm)	Grain	Grit	Hardness	Packing Outer Box (pcs × inner box)	Maximum operation speed
100	5	16	—	36	—	200pcs (25pcs × 8boxes)	72m/s (4,300m/min)
125	5	22	—	36	—	50pcs (25pcs × 2boxes)	72m/s (4,300m/min)

Package



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2-1-1 AYUMINO IZUMI-CITY OSAKA 594-1157 JAPAN

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1. Removing weld bead from parts for handrail (rough grinding)



our recommendations

※This photo is for illustrative purposes.

The wheels with grinding force and flexibility are suitable for rough grinding of weld bead on the parts for stair and handrail.

*Recommendations

- "SUPER GREEN SIGMA" for higher grinding force and durability, 5mm thickness
- "SUPER GREEN" 3mm thickness, for better flexibility

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

2. Grinding of overlapped bead



our recommendations

※This photo is for illustrative purposes

The wheels with grinding force and flexibility are suitable for grinding of overlapped bead on the steel frame.

*Recommendations

- "SUPER GREEN SIGMA" minimizes noise and vibration with 5mm thickness
- "SUPER GREEN" 3mm thickness, for better flexibility

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

3. Removing weld bead from parts for stair and handrail



※This photo is for illustrative purposes.



※This photo is for illustrative purposes.

our recommendations

The wheels with grinding force and flexibility are suitable for removing weld bead from the parts for stair and handrail.

*Recommendations

- "SUPER GREEN SIGMA" for higher grinding force, minimizes noise and vibration
- "SUPER GREEN" has flexibility and grinding force, delivers excellent finish

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

4. Deburring and rough grinding of finishing hardware (rough grinding)



※These photos are for illustrative purposes.



our recommendations

The wheels with grinding force and appropriate flexibility are suitable for deburring and rough grinding of finishing hardware.

*Recommendations

- "SUPER GREEN SIGMA" for higher grinding force and durability, 5mm thickness
- "SUPER GREEN" has 3mm thickness and various grit delivers excellent finish.

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

5. Deburring of copper alloy casting after stripping a mold



※This photo is for illustrative purposes.

**our
recommendations**

※This photo is for illustrative purposes.

For deburring the finish of nonferrous metal castings, we recommend Super Green Σ (Sigma), which has excellent grinding power and low noise and vibration. We also Super Green, which is flexible, has little clogging, and has abrasive power.

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

6. Removing CO2 weld bead from general steel in plate work manufacturing industry.



**our
recommendations**

Grinding force and durability are required for removing CO2 weld bead from general steel.
*Recommendation
-"SUPER GREEN SIGMA" minimizes noise and vibration with 5mm thickness

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

7. Deburring of steel frames



our recommendations

High grinding force and durability are required for deburring of steel frame.

*Recommendations

- "SUPER GREEN SIGMA" though its durability is lower than above two, creates less noise and vibration with 5mm thickness

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

8. Removing bead from light gauge steels after welding



our recommendations

※This photo is for illustrative purposes

Grinding force is required for removing bead from light gauge steels after welding.

*Recommendation

- "SUPER GREEN SIGMA" has excellent grinding force, minimizes noise and vibration with 5mm thickness

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

9. Deburring and surface grinding of copper alloy casting



our recommendations

For deburring non-ferrous metal castings such as copper alloys we recommend Super Green Σ (Sigma) which has low noise and vibration. We also Super Green, which has little clogging, and has abrasive power.

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

10. Removing weld bead from exterior body of bus and truck



our recommendations

Grinding force and durability are required for removing weld bead from general steel or high tensile steel in manufacture work of truck and bus.

*Recommendation

- "SUPER GREEN SIGMA" minimizes noise and vibration with 5mm thickness
- "SUPER GREEN" 3mm thickness

SUPER GREEN SIGMA 100x5x16 #36
Outer diameter: 100mm, 125mm are available depending on the grinder you use.
Grain size: #36 only

Product examples

11. Deburring, surface grinding and bead removal in manufacture and modification work of truck and bus body.



※This photo is for illustrative purposes.

our recommendations

※This photo is for illustrative purposes.

Grinding force is required for deburring, surface grinding and bead removal of general steel or high tensile steel in manufacture work of custom-order truck and bus.

*Recommendation

- "SUPER GREEN SIGMA" 5mm thickness, minimizes noise and vibration

- "SUPER GREEN" 3mm thickness, is suitable for light grinding

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

12. Deburring and surface grinding of in-yard vehicle (e.g. fork lift)



our recommendations

※This photo is for illustrative purposes

Grinding force is required for deburring and surface grinding of fork lift.

*Recommendation

- "SUPER GREEN SIGMA" 5mm thickness, creates less noise and vibration, reduce fatigue

- "SUPER GREEN" 3mm thickness, is suitable for light grinding

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

13. Grinding of overlapped bead in chemical plant construction



our recommendations

※This photo is for illustrative purposes.

High grinding force and flexibility are required for grinding of weld bead in chemical plant construction.

*Recommendations

The following wheels has grinding force and flexibility.

The thicker the wheel, the higher the grinding force.

- "SUPER GREEN SIGMA 36" 5mm thickness

- "SUPER GREEN" 3mm thickness

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

14. Deburring of copper alloy casting after stripping a mold in foundry industry



our recommendations

※This photo is for illustrative purposes.

For deburring of copper alloy casting after stripping a mold and surface grinding, we recommend Super Green Σ (Sigma) which has low noise and vibration.

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

15. Removing weld bead from stair or the area around mast for steel ship



our recommendations

※This photo is for illustrative purposes

Grinding force and durability are required for grinding weld bead.

*Recommendation

- "SUPER GREEN SIGMA" 5mm thickness, minimizes noise and vibration

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

16. Bead removal and deburring of both sides of iron door before bonding



our recommendations

※This photo is for illustrative purposes

Grinding power is required to remove the bead and deburring of both sides of steel iron door before bonding.

*Recommendation

- "SUPER GREEN SIGMA" 5mm thickness, minimizes noise and vibration

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm, 125mm are available depending on the grinder you use.

Grain size: #36 only

17. Removing bead from sheet metal tank after SUS semi automatic welding



our recommendations

※This photo is for illustrative purposes

Grinding force, durability and reducing clogging are required for removing bead after SUS semi automatic welding.

*Recommendation

"SUPER GREEN SIGMA" creates less noise and vibration

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

18. Removing bead from chemical plant and tube reactor after welding in plate work manufacturing industry



our recommendations

※This photo is for illustrative purposes

Grinding force and durability are required for removing bead from general steel or high tensile steel.

*Recommendation

- "SUPER GREEN Z" has the highest grinding force in our company

- "SUPER RED" reduces workload due to low noise and low vibration

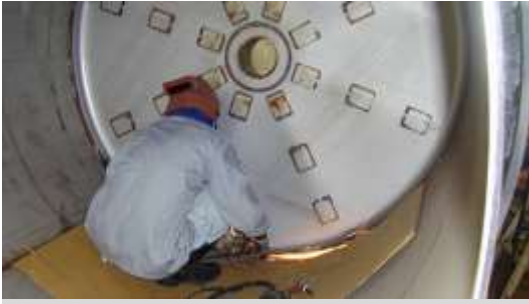
- "SUPER GREEN SIGMA" minimizes noise and vibration with 5mm thickness.

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available depending on the grinder you use.

Grain size: #36 only

19. Removing bead from sheet metal products after semi automatic welding



our recommendations

※This photo is
for illustrative
purposes

Grinding force and durability are required for removing weld bead from general steel or stainless steel for sheet metal products after semi automatic welding.

*Recommendation

"SUPER GREEN SIGMA" minimizes noise and vibration with 5mm thickness

SUPER GREEN SIGMA 100x5x16 #36

Outer diameter: 100mm ,125mm are available
depending on the grinder you use.

Grain size: #36 only



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