

# Technical data sheet

8933 siagrind



Status:	Ok
Approval:	06.08.2021

<b>Classification</b>	
Public series	
Product type:	Bonded abrasives
Main industries:	General Fabrication
Further industries:	Trucks Rail Marine Bus Wind Power Windows and Doors Containers Casting and Forging Turbines Knives, cutlery Tools Shipbuilding Machinery, equipment Stamped and Shaped Parts Tubes and Profiles


<b>Product profile</b>	
Grit type:	Aluminium oxide
Grit range (total):	FEPA F / ISO 8486
Backing:	
Coating:	
Bonding:	Resin over resinGlass fibre
Special coating:	
Equipment:	


<b>Properties</b>		<b>Technology</b>
Removal rate:	9 - very high	- X-LOCK
Lifetime:	9 - very long	
Finishing:		
Flexibility:	1 - very rigid	
Contact pressure:	7 - strong	

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Aggressive cut</li><li>- High performance for stock removal</li><li>- Long lifetime</li><li>- Comfortable to use with little contact pressure</li></ul>

<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"> <li>- Welded seam preparation</li> <li>- Removal of fillet welds</li> <li>- Removing solid material</li> <li>- Deburring</li> </ul>

<b>Material</b>							
General Fabrication:	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Steel</td> <td><input checked="" type="radio"/> steel</td> </tr> <tr> <td>Steel</td> <td><input type="radio"/> Unalloyed / low-alloy steel</td> </tr> <tr> <td>Steel</td> <td><input type="radio"/> Ferrous metal</td> </tr> </table>	Steel	<input checked="" type="radio"/> steel	Steel	<input type="radio"/> Unalloyed / low-alloy steel	Steel	<input type="radio"/> Ferrous metal
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<b>Conversion forms</b>	Upper conversion	Lower conversion
	Discs	- Grinding discs

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
Cut:		

<b>Details</b>	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Follow the general EN safety recommendations</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> <li>- Use hearing protection</li> </ul>

<b>Communication</b>	
Claim:	Highly efficient, hard grinding discs for iron and steel
Copy:	The hard grinding discs of the special 8933 siagrind series excel in a variety of metal applications and make for robust and efficient tools thanks to features such as high removal rates at low surface pressure and long life.



<b>Communication</b>			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 4703
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application