

Grinding Discs





Label Information

Brand

Specification

Dimension

Maximum Revolution and Maximum
Operation Speed InformationSafety and Personal Protective
Equipment Pictograms

Application Area

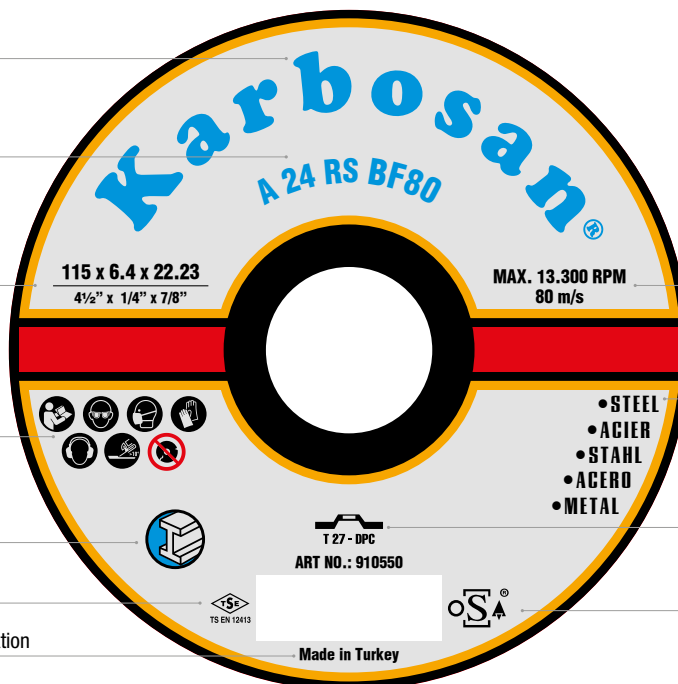
Material Pictogram

Type Pictogram

Standard Compliance Mark

OSA Membership Logo

Article, Barcode, Manufacture Location



Specifications Definition

A

24

RS

BF

80

Abrasive Type

Abrasive Grain Size

Grade Hardness

Bond Type

Peripheral Speed (m/s)

A	Aluminum Oxide
AA	Special Aluminum Oxide
C	Silicon Carbide
ZA	Zirconium

Coarse	8, 10, 12, 14, 16, 20, 24
Medium	30, 36, 46, 54, 60

Medium	L, M, N, O
Hard	P, Q, R, S,
Very Hard	T, U, V, W,

BF	Synthetic Resine (Fiber Reinforced)
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Figure indicating the revolution speed of the product in meter / second.

Material Pictograms and Colors

Karbosan bonded abrasives are classified according to applications types for full performance and safe use. This classification is shown with the pictogram indicating the application material and with text on the label. Also, each material is assigned with a color to represent the application material.



Metal



Stainless Steel (Inox)



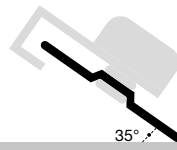
Cast Iron



Aluminium

Type

T42 - Depressed Grinding



Usage Recommendations and Information

- Ensure that the product you will use is not incomplete or damaged.
- Never perform grinding tasks with cut-off discs.
- Always follow the general usage warnings and safety instructions.
- You can watch safe use video tutorials at www.karbosan.com.
- Expiry date of the product is indicated on the bore and period abbreviations after the year marks are listed as **V01-V12** (January-December).
- Never use expired products.



Grinding Discs



Metal Grinding Discs

Abrasive : Aluminum Oxide

Features : Suitable for grinding process of welding burrs and seams, all structural steels, high alloy steels, hardened steels, mild steels, stainless steels and common steel cast materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers long lifespan and advantage of quick cutting.

Version	
Standard	

Plus	
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Application Method

Hand Grinder	
Fixed Cutting Bench (<3 kW)	
Fixed Cutting Bench (≥3 kW)	
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	

Application Area

Welding Burrs	
Weld Seam	
All Structural	
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Gray Cast Iron (Pig)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Sand Finished Surfaces	
Aluminium	
Copper, Brass, Bronze	
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	
Steel Rail Profiles 54 kg/m	
Steel Rail Profiles 49 kg/m	

Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
	A 24 RS BF80	100x 6.4 x 16	910540	80	10	80
		115x 6.4 x 22.23	910550		10	80
		125x 6.4 x 22.23	910560		10	80
		150x 6.4 x 22.23	911830		10	60
		180x 6.4 x 22.23	910570		10	60
		180x 8.0 x 22.23	910580		10	60
		180x 10 x 22.23	910590		10	40
		230x 6.4 x 22.23	910600		10	40
		230x 8.0 x 22.23	910610		10	40
		230x 10 x 22.23	910620		10	40



Grinding Discs

Version	
Standard	

Plus	
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Application Method

Hand Grinder	
Fixed Cutting Bench (<3 kW)	
Fixed Cutting Bench (≥3 kW)	
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	

Application Area

Welding Burrs	
Weld Seam	
All Structural	
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Gray Cast Iron (Pig)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Sand Finished Surfaces	
Aluminium	
Copper, Brass, Bronze	
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	
Steel Rail Profiles 54 kg/m	
Steel Rail Profiles 49 kg/m	

Stainless Steel (Inox) Grinding Discs

Abrasive : Special Aluminum Oxide

Features : Suitable for grinding process of high alloy steels, hardened steels, stainless steels and common steel cast materials. Featuring special aluminum oxide abrasive grains and a hard structure, the product is ideal for grinding stainless steel materials. The product does not contain iron (Fe) and sulfur (S).



Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
	AA 24 P BF80	100 x 6.4 x 16	912710	80	10	80
		115 x 6.4 x 22.23	910680		10	80
		125 x 6.4 x 22.23	910690		10	80
		180 x 6.4 x 22.23	910700		10	60
		180 x 8.0 x 22.23	910710		10	60
		230 x 6.4 x 22.23	910720		10	40



Grinding Discs



Cast Iron Grinding Discs

- Abrasive** : Silicon Carbide
- Features** : Suitable for grinding process of spherical graphite cast iron, grey cast iron, sand finished surfaces, copper, brass, marble, artificial and natural rocks. Featuring silicon carbide abrasive grains and a hard structure, the product offers long lifespan and advantage of convenient material removal.

Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
 T27	C 24 S BF80	100x 6.4 x 16	911700	80	10	80
		115x 6.4 x 22.23	910730		10	80
		125x 6.4 x 22.23	910740		10	80
		180x 6.4 x 22.23	910750		10	60
		180x 8.0 x 22.23	910760		10	60
		180x 10 x 22.23	911730		10	-
		230x 6.4 x 22.23	910770		10	40
		230x 8.0 x 22.23	911750		10	40



Version	
Standard	
Plus	
Application Method	
Hand Grinder	
Fixed Cutting Bench (<3 kW)	
Fixed Cutting Bench (≥3 kW)	
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	
Application Area	
Welding Burrs	
Weld Seam	
All Structural	
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Gray Cast Iron (Pig)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Sand Finished Surfaces	
Aluminium	
Copper, Brass, Bronze	
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	
Steel Rail Profiles 54 kg/m	
Steel Rail Profiles 49 kg/m	

Grinding Discs

Version	
Standard	

Plus	
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Application Method	
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Hand Grinder	
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Fixed Cutting Bench (<3 kW)	
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Fixed Cutting Bench (≥3 kW)	
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Portable Gas Operated Cutter	
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Fixed Power Rail Cutter	
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Application Area	
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Welding Burrs	
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Weld Seam	
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All Structural	
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Low Alloy Steels	
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High Alloy Steels	
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Hardened Steels (>45 HRC)	
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Mild Steels (<45 HRC)	
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Stainless Steel (Inox)	
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Cast Iron With Spherical Graphite (Nodular)	
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Gray Cast Iron (Pig)	
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Common Steel Cast (Containing Mn and Stainless Properties)	
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Sand Finished Surfaces	
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Aluminium	
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Copper, Brass, Bronze	
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Marble	
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Artificial Rocks	
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Natural Rocks	
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Asphalt	
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Cement Products and Curbstones	
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Steel Rail Profiles 60 kg/m	
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Steel Rail Profiles 54 kg/m	
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Steel Rail Profiles 49 kg/m	
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Aluminium Grinding Discs

- Abrasive** : Aluminum Oxide
- Features** : Suitable for grinding operations on aluminium, copper, brass and bronze materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of convenient material removal without causing clogging.



Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
	A 24 N BF80	115x6.4x22.23	911230	80	10	80
		125x6.4x22.23	911240		10	80
		180x6.4x22.23	911250		10	60
		180x8.0x22.23	911840		10	60
		230x6.4x22.23	911260		10	40

