

# **SARA**

## **abrasives**



**Catalog 2023**

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**[WWW.SARA.SI](http://WWW.SARA.SI)**

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# The Company

A dynamic, vibrant and innovative company Sara Ltd. originated in specialist industrial automation engineering in 1990.



Manufacturing not only a wide range of classic grinding commodities we also produce unique original designs tailored to our customer's needs using the best raw materials available.

Adaptive and responsive to our clients demands we can provide specific solutions to all your grinding and polishing needs.

Our custom-made products are made using state of the art technology guaranteeing the very best quality.

The entire range of goods are thoroughly tested to meet the EN 13743 European safety standard. Respectful of the environment our manufacturing involves the minimum of wasted material and an absolute maximum of recycling.

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# EU Delivery and sales conditions

## Dispatching

### **QD** (Quick Delivery)

Your order is dispatched from our stock within 36 hours by the fastest available delivery service\*

.  
\*Only products marked with the yellow QD logo are available for this service.

Applies to orders received and confirmed prior to 10 am.

Subject to demand and/or stock limitations Sara may not be able to guarantee all dispatches (In these exceptional circumstances the client will be immediately informed of the maximum delivery times for these products)

To facilitate rapid delivery time all QD order confirmations will sent by e-mail.

### **CO** (Custom Orders)

Your products are dispatched from our warehouse within 5 working weeks following the confirmation of your order. The client will be immediately notified of the shortest possible delivery times subject to our manufacturing schedules and stock availability.

### **MO** (Mixed Orders)

Your combined QD/CO order will be processed subject to the conditions specified above\*

.  
\*Unless otherwise specified as subject to CO delivery conditions by the customer.

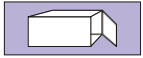
**Minimum order charge:** € 150 (ex VAT)

**Parity:** always EXW

**Returns:** acceptance subject to prior confirmation by Sara

**WE DO NOT EXCEPT FLAP DISCS THAT ARE NOT USED AS RECOMMENDET OR FALSE ORDERS (mistakes in orders of grits and sizes. All orders after confirmation are final)**

# List of symbols and abbreviations



packaging unit (number of pieces in the box)



max. operating speed not to be exceeded



optimum performance speed

Mineral

Abbreviations used for the Abrasive minerals in this catalogue are described in the following table:

Abreviation	Abrasive mineral description
A	Corundum (aluminum oxide)
Z	Zirconium aluminum
S	Silicon carbide
K	Ceramics

Item#

Order code, where xxx means grit size (040, 060, ..., 120)

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# FL - FLAP DISCS

## FL - Flap Discs

### Description:

Flaps of abrasive cloth are overlapped and glued to a circular backing. Predominately used with Angle Grinders we produce a large variety with the following characteristics:

- Abrasive Grain: Zirconium, Aluminum oxide, Ceramic
- Abrasive support material: Cloth
- Backing: Fiberglass
- Shape: Flat (T27), Conical (T29)



### Main features and benefits:

- Cooler grinding
- Easy to handle
  - Flexible
- Less Noise
- Larger grinding surface
  - Longer life
- Shallow surface cuts (material is removed evenly)
  - Less costs for blending and finishing

### Applications:

- Metal Processing:
  - Removing welding seams and spots
  - Removing scale, rust and oxidation
  - Smoothing sharp edges and corners
- Wood Forming
  - Quick and easy shaping





## FLF - Fiberglass backed

### Description:

Flaps are glued to conical or flat fiberglass backing.

Main features and benefits:

- light weight
- flexible
- no damage to the surface in case of accidental contact

## FLFA - Aluminum oxide








### Description:

Flaps are made of Aluminum oxide X-weight cloth

### Applications:

- grinding/deburring alloyed and unalloyed steel, aluminum, structural steel, plastic, wood, paint, varnish
- low and medium operating pressure



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	40,60,80,120	 T29 conical	20 Pcs	13.300	FLFA1Cxxx
Ø 125 x 22	40,60,80,120	 T29 conical	20 Pcs	12.250	FLFA2Cxxx
Ø 180 x 22	40,60,80,120	 T29 conical	20 Pcs	8.500	FLFA4Cxxx
Ø 115 x 22	40,60,80,120	 T27 flat	20 Pcs	13.300	FLFA1Fxxx
Ø 125 x 22	40,60,80,120	 T27 flat	20 Pcs	12.250	FLFA2Fxxx
Ø 180 x 22	40,60,80,120	 T27 flat	20 Pcs	8.500	FLFA4Fxxx

\* xxx = grit size

# FL - FLAP DISCS

## FLFZ - Zirconium

### Description:

Flaps are made of Zirconium X-weight cloth

### Applications:








- grinding/deburring on Stainless steel, alloyed and unalloyed steel, aluminum, nonferrous metals and alloys, structural steel, cast iron, titanium
- medium/high operating pressure, medium corner grinding

## FLFZS - Single flap

### Description:

Flaps are arranged in equal distances



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	36,40,60,80,120	 T29 conical	20 Pcs	13.300	FLFZS1Cxxx
Ø 125 x 22	36,40,60,80,120	 T29 conical	20 Pcs	12.250	FLFZS2Cxxx
Ø 180 x 22	36,40,60,80,120	 T29 conical	20 Pcs	8.500	FLFZS4Cxxx
Ø 115 x 22	36,40,60,80,120	 T27 flat	20 Pcs	13.300	FLFZS1Fxxx
Ø 125 x 22	36,40,60,80,120	 T27 flat	20 Pcs	12.250	FLFZS2Fxxx
Ø 180 x 22	36,40,60,80,120	 T27 flat	20 Pcs	8.500	FLFZS4Fxxx

\* xxx = grit size








# FL - FLAP DISCS

## FLFZSB - Bigger

### Description:

Flap discs for heavy duty jobs



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	40,60,80,120	 T29 conical	15 Pcs	13.300	FLFZSB1Cxxx
Ø 125 x 22	40,60,80,120	 T29 conical	15 Pcs	12.250	FLFZSB2Cxxx
Ø 115 x 22	40,60,80,120	 T27 flat	15 Pcs	13.300	FLFZSB1Fxxx
Ø 125 x 22	40,60,80,120	 T27 flat	15 Pcs	12.250	FLFZSB2Fxxx








\* xxx = grit size

## FLFZD - Double flap

### Description:

Flaps are arranged in pairs



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	40,60,80,120	 T29 conical	20 Pcs	13.300	FLFZD1Cxxx
Ø 125 x 22	40,60,80,120	 T29 conical	20 Pcs	12.250	FLFZD2Cxxx
Ø 180 x 22	40,60,80,120	 T29 conical	20 Pcs	8.500	FLFZD4Cxxx
Ø 115 x 22	40,60,80,120	 T27 flat	20 Pcs	13.300	FLFZD1Fxxx
Ø 125 x 22	40,60,80,120	 T27 flat	20 Pcs	12.250	FLFZD2Fxxx
Ø 180 x 22	40,60,80,120	 T27 flat	20 Pcs	8.500	FLFZD4Fxxx

# FL - FLAP DISCS

## FLFH - Ceramics








### Description:

Flaps are made of Ceramics Heavy Duty X-weight cloth with a filler

### Applications:

- grinding/deburring particularly irregular edges, sharp corners and electrode welded seams on Stainless steel, alloyed and unalloyed steel, structural steel, cast iron, titanium
- high operating pressure



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	40,60,80	 T29 conical	20 Pcs	13.300	FLFH1Cxxx
Ø 125 x 22	40,60,80	 T29 conical	20 Pcs	12.250	FLFH2Cxxx
Ø 180 x 22	40,60,80	 T29 conical	20 Pcs	8.500	FLFH4Cxxx
Ø 115 x 22	40,60,80	 T27 flat	20 Pcs	13.300	FLFH1Fxxx
Ø 125 x 22	40,60,80	 T27 flat	20 Pcs	12.250	FLFH2Fxxx
Ø 180 x 22	40,60,80	 T27 flat	20 Pcs	8.500	FLFH4Fxxx

## FLFAH - Filled Al. oxide








### Description:

Flaps are made of Aluminum oxide X-weight cloth with a filler

### Applications:

- grinding/deburring electrode welding seams on Stainless steel, alloyed and unalloyed steel, structural steel, cast iron, aluminum
- high operating pressure



Dimension [mm]	Grit	Shape		max	Item#*
Ø 115 x 22	36,40,60,80,120	 T29 conical	20 Pcs	13.300	FLFAH1Cxxx
Ø 125 x 22	36,40,60,80,120	 T29 conical	20 Pcs	12.250	FLFAH2Cxxx
Ø 180 x 22	36,40,60,80,120	 T29 conical	20 Pcs	8.500	FLFAH4Cxxx
Ø 115 x 22	36,40,60,80,120	 T27 flat	20 Pcs	13.300	FLFAH1Fxxx
Ø 125 x 22	36,40,60,80,120	 T27 flat	20 Pcs	12.250	FLFAH2Fxxx
Ø 180 x 22	36,40,60,80,120	 T27 flat	20 Pcs	8.500	FLFAH4Fxxx

\* xxx = grit size