

# Endless grinding belts



**LUGA ABRASIV**®

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# ENDLESS GRINDING BELTS

## Type LB

### FOR THE BELT-GRINDING FILES

Used for processing of moulded members and shaped pieces and constructions made of different types of steel and non-ferrous metals.

Grinding coated abrasives on cloth base  
AC 721X  
ZC 721X



Belt width, mm	Belt length, mm	Characteristic
from 6 to 40	from 303 to 610	A24 - A320 ZK24 - ZK120

### FOR THE BELT-GRINDING MACHINES

Used for processing of flat surfaces of the details and constructions made of different types of steel, non-ferrous metals and wood.

Grinding coated abrasives on cloth base  
AC 721X  
AC 411X  
KK 19XW



Belt width, mm	Belt length, mm
from 60 do 110	from 400 to 950

### NARROW GRINDING ENDLESS BELTS

Used for processing of details made of metal, wood, plastic, leather and other materials.

Grinding coated abrasives on cloth base  
AC 721X  
AC 611J



Belt width, mm	Belt length, mm	Characteristic
to 350	to 9000	A24 - A320

Used for draft processing and intermediate grinding of details made of different types of steel, non-ferrous metals.

Grinding coated abrasives on cloth base  
ZC 721X



Belt width, mm	Belt length, mm	Characteristic
to 350	to 4000	ZK24 - ZK120

### WIDE GRINDING ENDLESS BELTS

Used for processing of details made of wood, metals, plastic, lacquer and painted surfaces, putty.

Grinding coated abrasives on cloth base  
AC 721X



Belt width, mm	Belt length, mm	Characteristic
to 1600	to 2700	A24 - A320

Used for processing of details made of chipboard, hardboard, medium density fibreboard and wood.

Grinding coated abrasives on combined base  
CK 725D



Belt width, mm	Belt length, mm	Characteristic
to 1400	to 4000	C40 - C120

The plant receives the orders for manufacture of belts with dimensions and characteristics, not indicated in the given table.

# RECOMMENDATIONS ON SAFE USE OF ENDLESS BELTS

- 48 hours before placing of belts on the machine they are taken out of original packing and hung on the core with minimum diameter 50 mm. If the diameter of the core is less than 50 mm, it can lead to cleavages and splits on the grinding belt.
- Before start of work examine the belts if they were not damaged during transportation or because of careless storage.
- Grinding belts of width more than 50 mm use only on grinders intended specially for them and satisfying to all safety requirements.
- Before installation of the belt on the grinder or on the machine find an arrow on the inner side of the belt an arrow. During the work direction of grinding belt's movement must coincide with the arrow.
- Before start of work check up working efficiency of your equipment, operability of supporting elements: contact wheels, persistent cross-heads, presence of safety covers. **Never take off the safety cover while working on the grinder or on the machine!**
- Put on the belt on the contact wheels without tension.
- Start grinding only when the belt is strained and the grinder or machine reaches top speed at no-load running. At rotation the belt should move without beatings and axial movements.
- At working the grinding belt should be loaded regularly from the center.

## CHARACTERISTICS OF GRINDING COATED ABRASIVES

JSC "LUGA ABRASIVE PLANT" produces wide range of abrasive tools on flexible base, using grinding coated abrasives of well-known European producers: "VSM" (Germany), "NORTON" (France), "MIRKA" (Finland), "UNION-VIS" (Poland), "ABRASIV-IND" (Italy).

Type of grinding coated abrasives	Trademark of material / grit	Processed materials
<b>base - cloth</b>		
AC 721X	A / P24-P320	Steel, non-ferrous metals, cast iron, wood, leather, plastics
ZC 721X	ZK / P20-P320	Steel, castings, non-ferrous metals, cast iron, wood, leather, plastics
CK 725D	C / P40-P120 antistatic	MDF*, wood chipboard, hardboard, particle boards, veneer, wood
AC 611J	A / P240-P500	Profile details from metals, wood, plastics
KK 19XW	A / 100-4	Alloys with low hardness, wood, plastics
<b>base - paper</b>		
Lux E	A / P24-P320	Pine wood and leaf wood, veneer, hardboard
Aqua waterproof	C / P100-P1000	Paints, fillings, primers, lacquers, plastics

\*MDF - Medium Density Fibreboard

## ABRASIVE MATERIAL

A - aluminium oxide  
ZK - zirconium oxide  
C - silicon carbide

## ABRASIVE GRIT TABLE FEPA

P24, P30, P36, P40, P50, P60, P80, P100, P120, P150, P180, P220, P240, P280, P320, P360, P400, P500, P600, P800, P1000

## SAMPLE OF DESIGNATION AT THE ORDER

**LB 60x1250 A80 AC721X**

LB - endless grinding belt with butt seam  
60 - belt width, mm  
1250 - belt length, mm  
A - trademark of grinding material  
80 - grit P80  
AC721X - trademark of grinding coated abrasives

ENDLESS GRINDING BELTS

