



# ABRASIVE TOOLS FOR THE FOOD INDUSTRY

To meet customer expectations, we have also created a range of grinding wheels for the food industry. Special grinding wheels are used in the cereal milling industry for dehulling of peas, beans, barley etc. and in the production of vegetable pulp. In terms of abrasive tool performance we have also prepared a number of solutions based on superhard grinding wheels which are used for sharpening of knives for the food industry.

ANDRE grinding wheels are designed to meet the highest quality demands. We focus not only on high efficiency but also on user safety and environmental requirements.

## | GRINDING OPERATIONS WITH ANDRE ABRASIVE TOOLS

### CEREAL HULLING

- Vertical huller "ekonos" type

### PEAS HULLING

- Hulling of peas and beans

### SHARPENING OF INDUSTRIAL SLICERS KNIVES

- Sharpening of slicer blades

### MUSTARD, VEGETABLE AND FRUIT PULP PROCESSING

- Pulp processing in mills



## CEREAL HULLING

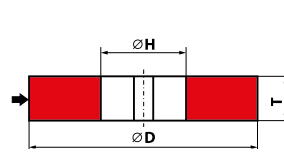
### • VERTICAL HULLER "EKONOS" TYPE

ANDRE offers a range of grinding wheels for the food industry, particularly in the cereal grain processing.

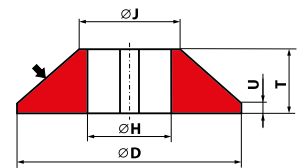
Type 101 and 301 grinding wheels are used in vertical grain hullers of the "EKONOS" type.

Type 101X and 301X grinding wheels have an additional steel sleeve. Grinding wheels are designed to meet the highest demands for quality, performance, safety and environmental protection.

#### | TYPE 101 | TYPE 301



101 - D × T × H

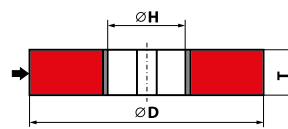


301 - D/J × T/U × H

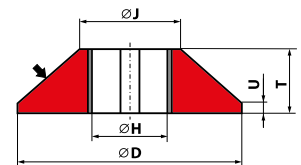
Examples of implemented abrasive tools in industry [*]			
Type	Dimensions [mm]	Technical characteristics	Speed [m/s]
101	250 × 60 × 106	98C123T/U5VTM12	40
101	250 × 60 × 106	98C143T/U5VTM12	40
101	250 × 60 × 106	98C163T/U5VTM12	40
101	250 × 60 × 106	98C203T/U5VTM12	40
101	250 × 60 × 106	98C 24T/U5 VTM12	40
101	250 × 60 × 106	98C 30T/U5 VTM12	40
301	250/130 × 60/13 × 106	98C163T/U5VTM12	40
301	250/130 × 60/13 × 106	98C123T/U5VTM12	40
301	250/130 × 60/13 × 106	98C36T/U5VTM12	40

[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.

#### | TYPE 101X | TYPE 301X



101X - D × T × H - dwg. no



301X - D/J × T/U × H - dwg. no

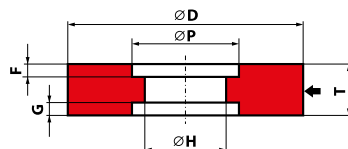
Examples of implemented abrasive tools in industry [*]			
Type	Dimensions [mm]	Technical characteristics	Speed [m/s]
101X	250 × 60 × 106	98C123T/U5VTM12	40
101X	250 × 60 × 106	98C143T/U5VTM12	40
301X	250/130 × 60/13 × 106	98C123T/U5VTM12	40

[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.

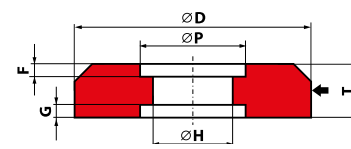
## PEAS HULLING

### • HULLING OF PEAS AND BEANS

| TYPE 7 | TYPE 7X



7 - D × T × H - P...F...G...



7X - D × T × H - P...F...G... - dwg. no

Examples of implemented abrasive tools in industry [*]			
Type	Dimensions [mm]	Technical characteristics	Speed [m/s]
7X	340 × 94,5 × 230 - P294F12G12	98C30P4VTM13	40
7	340 × 94,5 × 230 - P294F12G12	98C30P4VTM13	40
7	340 × 94,5 × 230 - P294F12G12	98C30/36P4VTM13	40

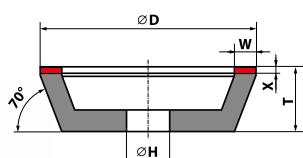
[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.

## SHARPENING OF INDUSTRIAL SLICERS KNIVES

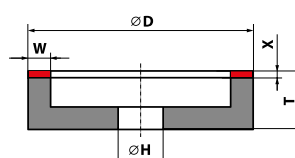
### • SHARPENING OF SLICER BLADES

ANDRE offers a range of grinding wheels for the food industry designed to sharpen the industrial slicers. For this type of operation, ANDRE's superhard - CBN grinding wheels - are ideal. Grinding wheels are designed to meet the highest demands for quality, performance, safety and environmental protection.

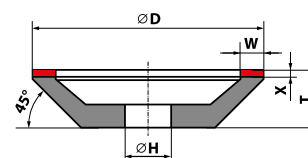
| TYPE 11A2 | TYPE 6A2 | TYPE 12A2-45



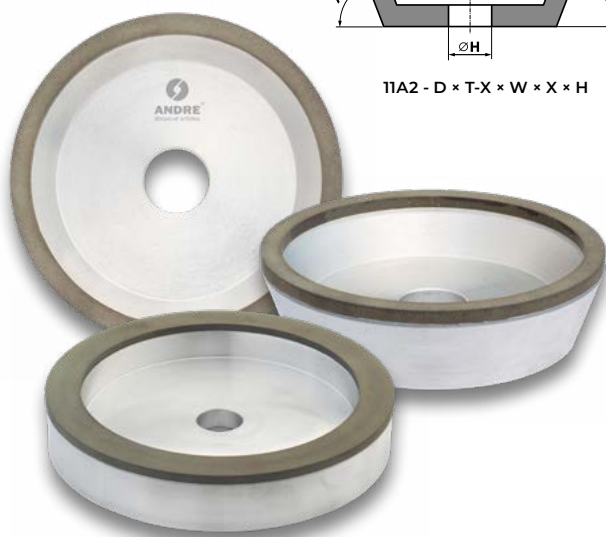
11A2 - D × T-X × W × X × H



6A2 - D × T-X × W × X × H



12A2-45 - D × T-X × W × X × H



Examples of implemented abrasive tools in industry [*]		
Type	Dimensions [mm]	Technical characteristics
11A2	100 × 33 × 6 × 2 × 19	B126V120LBC2
11A2	100 × 23 × 6 × 8 × 20	B126V180LBL2
11A2	125 × 23 × 6 × 4 × 20	B126V180LBL2
11A2	150 × 23 × 6 × 4 × 32	B126V180LBL2
6A2	125 × 23 × 6 × 4 × 32	B126V180LBL2
6A2	150 × 23 × 6 × 4 × 32	B126V180LBL2
12A2-45	125 × 23 × 6 × 4 × 32	B126V180LBL2
12A2-45	150 × 23 × 6 × 4 × 32	B126V180LBL2

[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.

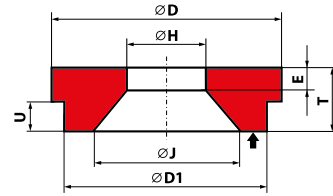


## MUSTARD, VEGETABLE AND FRUIT PULP PROCESSING

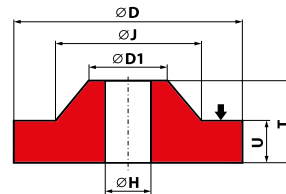
### ● PULP PROCESSING IN MILLS

ANDRE offers a range of grinding wheels that are used in vegetable and fruit processing. TYPE 3801 and 3802 and TYPE 2001 grinding wheels are designed for mustard, vegetable and fruit pulp processing. Grinding wheels are designed to meet the highest demands for quality, performance, safety and environmental protection.

#### | TYPE 3801 | TYPE 3802



3801 - D/J × T/U × H - ... - dwg. no



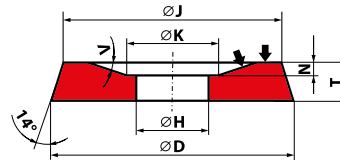
3802 - D/J × T/U × H - ... - V - dwg. no

#### Examples of implemented abrasive tools in industry [\*]

Type	Dimensions [mm]	Technical characteristics	Speed [m/s]
3801	209/148 × 25,4/9,4 × 108	95A60O7VTE10	-
3801	250/173 × 29/15 × 140	95A60O7VTE10	-
3801	260,4/181 × 31,8/15,9 × 166	95A46O5VTE10	-
3801	330/245 × 31/16 × 203	95A46N5VTE10	-
3802	239/170 × 40/22 × 25	95A30M5VTE10	35
3802	203/146 × 38/19 × 19,5	95A46L5VTE10	50
3802	254/146 × 38/19 × 19,5	95A46L5VTE10	50
3802	254/177,8 × 35,1/25,4 × 25,4	95A80M6VTE10	50
3802	320/240 × 40/24 × 19	95A24O5VTE10	50

[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.

#### | TYPE 2001



2001 - D/J × T × H - ... - V - dwg. no

#### Examples of implemented abrasive tools in industry [\*]

Type	Dimensions [mm]	Technical characteristics	Speed [m/s]
2001	263/250 × 26 × 110	95A20Q5VTE10	40
2001	263/250 × 26 × 110	95A36Q5VTE10	40
2001	263/250 × 26 × 110	95A46Q5VTE10	40
2001	263/250 × 26 × 110	95A60Q5VTE10	40

[\*] For the full range of dimensions and available technical characteristics ask the Sales Department.