

ROWIMA Sp. z o. o.

Product Catalogue

Surface treatment finishing media





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Mass Finishing

We offer products with different abrasive grades from A (very abrasive deburring shapes) to J (very fine polishing shapes).

Abrasion classes (explanation):

High abrasive
properties



High polishing
properties

Grinding








Depending on the material to be processed, we offer:

Ceramic Media

| TYPE | APPLICATION | OVERVIEW |
|---|---|----------|
| NTJ <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: A, B | <ul style="list-style-type: none">• Abrasion grade A:<ul style="list-style-type: none">○ For stainless steel• Abrasion grade B:<ul style="list-style-type: none">○ For tool steels | |
| BALLS <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: A, B | <ul style="list-style-type: none">• Abrasion grade A:<ul style="list-style-type: none">○ For stainless steel• Abrasion grade B:<ul style="list-style-type: none">○ For tool steels | |
| CYLINDERS <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: A, B | <ul style="list-style-type: none">• Abrasion grade A:<ul style="list-style-type: none">○ For stainless steel• Abrasion grade B:<ul style="list-style-type: none">○ For tool steels | |



Plastic Media

| | TYPE | APPLICATION | OVERVIEW |
|------|--|---|---|
| PEA | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: B• Improved durability | <ul style="list-style-type: none">• For tool steels• For coarse aluminium finishing |  |
| PE | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: B | <ul style="list-style-type: none">• For tool steels• For coarse aluminium finishing |  |
| TZE | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: C | <ul style="list-style-type: none">• For tool steels |  |
| ZE | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: D | <ul style="list-style-type: none">• For aluminium finishing• For Zamak finishing |  |
| TZPS | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: E | <ul style="list-style-type: none">• For aluminium finishing |  |
| TZ | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: F | <ul style="list-style-type: none">• For aluminium finishing• For Zamak finishing• For gold and silver |  |
| SZ | <ul style="list-style-type: none">• Available in various sizes• Available abrasion grades: G | <ul style="list-style-type: none">• For gold and silver |  |





Polishing

Depending on the material being polished, we offer:

Plastic media

| TYPE | APPLICATION | OVERVIEW |
|--|---|---|
| ZPW <ul style="list-style-type: none">Available in various sizesAvailable abrasion grades: H | <ul style="list-style-type: none">For gold and silverFor aluminium finishing |  |

Porcelain media

| TYPE | APPLICATION | OVERVIEW |
|--|---|---|
| BALLS <ul style="list-style-type: none">Available in various sizesAvailable abrasion grades: J | <ul style="list-style-type: none">For tool steelsFor aluminium finishingFor Zamak finishingFor Brass |  |
| CYLINDERS <ul style="list-style-type: none">Available in various sizesAvailable abrasion grades: J | <ul style="list-style-type: none">For tool steelsFor aluminium finishingFor Zamak finishingFor Brass |  |



Compounds

| TYPE | APPLICATION | OVERVIEW |
|------------|---|---|
| RO-ALU-1 | <ul style="list-style-type: none">• For stainless steel• For aluminium finishing |  |
| RO-ALU-2 | <ul style="list-style-type: none">• For aluminium finishing (high gloss) |  |
| RO-ZNAL-B | <ul style="list-style-type: none">• For Zamak finishing• For Aluminium |  |
| RO-ZNAL-BP | <ul style="list-style-type: none">• For tool steels• For aluminium finishing• For Zamak finishing• For Brass• For gold and silver |  |
| RO-MET-A1 | <ul style="list-style-type: none">• For Brass• For Copper |  |
| RO-MET-AG | <ul style="list-style-type: none">• For silver• For gold |  |



RO-STAL-W

- For tool steels



RO-STAL-A

- Protection against corrosion



RO-STAL-WR

- For stainless steel



RO-STAL-WD

- For tool steels
(additional corrosion protection)



Pastes

Some extremely demanding materials force us to add pastes into the process. We add these to the media running in the machine.

ROW Paste:

Application:

- Acceleration of ZAMAK finishing
- Improving the surface quality of workpieces.

ROK Paste:

Application:

- Acceleration of steel and stainless steel finishing

For other materials, we have the possibility to prepare a paste individually tailored to the customer's needs and process requirements.



Other materials to support surface treatment

Diamond pastes

We also offer, manufactured by us, diamond pastes in a full range of grit sizes.



| Type of paste | Grit size |
|---------------|-----------|
| Fine | 0/0,25 |
| | 0/1 |
| | 1/2 |
| | 2/3 |
| | 2/4 |
| | 3/6 |
| Medium | 5/10 |
| | 6/12 |
| | 8/15 |
| | 14/20 |
| Coarse | 20/28 |
| | 20/40 |
| | 40/60 |

It is possible to create a customised paste (grit size as well as concentration).



Diamond slurries

We also produce aqueous diamond slurries. Our products perform well even in such demanding applications as the preparation of metallographic scrap.



Type of paste

Grit size

| | |
|--------|--------|
| Fine | 0/0,25 |
| | 0/1 |
| | 1/2 |
| | 2/3 |
| | 2/4 |
| | 3/6 |
| Medium | 5/10 |
| | 6/12 |
| | 8/15 |
| Coarse | 14/20 |
| | 20/28 |
| | 20/40 |
| | 40/60 |

It is possible to create a customised slurry (grit size as well as concentration).



Other type of polishing pastes

In addition to pastes with diamond grain, we offer pastes containing grains of other materials (alumina, silicon carbide and others).



| Type of paste | Grit size | Application |
|---------------|-----------|-------------|
| OS 220 | Coarse | Grinding |
| OS 400 | Medium | Polishing |
| OS 600 | Fine | Polishing |

It is possible to create a customised paste according to customer requirements.

Cleaners Compounds

All of the compounds we produce can be used with ultrasonic cleaners. They are ideal for processes where very thorough degreasing of the surface is required before further processes (e.g. anodising, TIG welding).

