

DATA SHEET 12910.300.03001

## ROTOCALCO® Grinding stones for copper surfaces

Grinding stones designed for ink-attracting copper surfaces have to perform an extremely responsible task. Conventional ceramically bound grinding stones or silicon carbide grinding stones are only fit for this purpose to a limited extend. They are rather suitable for coarse grinding work but do not meet up-to-date demands. By comparison, the proven embedding of our abrasive grains in tough foamed synthetic material makes for the durability of the Rotocalco grinding and polishing stones in addition to an outstanding cutting performance when achieving fine roughness values. Our particular synthetic material has been developed especially for the stones mass in order to assist in the defined continuous removal of worn out abrasive particles. This self-cleaning effect allows the long-lasting use of a stone surface providing ideal grinding properties. Spring-mounted abrasive wheels guarantee an even grinding pattern without chatter marks, score marks or other irregularities. Uncontrolled material abrasion and undesired clogging on the abrading stone surface is avoided, and no post processing is necessary.

### Formats

| Art.Number      | Outer Hole<br>Diameter in<br>mm | Height approx.<br>(mm) | Centre Hole<br>Diameter in<br>mm | Grit size | pcs per<br>package |
|-----------------|---------------------------------|------------------------|----------------------------------|-----------|--------------------|
| 12910.012.55001 | 190                             | 50                     | 50                               | 120       | 14                 |
| 12910.012.55002 | 190                             | 70                     | 50                               | 120       | 10                 |
| 12910.012.55003 | 190                             | 50                     | 100                              | 120       | 14                 |
| 12910.015.33001 | 190                             | 50                     | 50                               | 150       | 14                 |
| 12910.015.33002 | 190                             | 70                     | 50                               | 150       | 10                 |
| 12910.015.33003 | 190                             | 50                     | 100                              | 150       | 14                 |
| 12910.018.44001 | 190                             | 50                     | 50                               | 180       | 14                 |
| 12910.018.44002 | 190                             | 70                     | 50                               | 180       | 10                 |
| 12910.018.44003 | 190                             | 50                     | 100                              | 180       | 14                 |
| 12910.028.00001 | 190                             | 50                     | 50                               | 280       | 14                 |
| 12910.028.00002 | 190                             | 70                     | 50                               | 280       | 10                 |
| 12910.028.00003 | 190                             | 50                     | 100                              | 280       | 14                 |
| 12910.040.04001 | 190                             | 50                     | 50                               | 400       | 14                 |
| 12910.040.04002 | 190                             | 70                     | 50                               | 400       | 10                 |
| 12910.040.04003 | 190                             | 50                     | 100                              | 400       | 14                 |
| 12910.060.06001 | 190                             | 50                     | 50                               | 600       | 14                 |

|                 |     |    |     |      |    |
|-----------------|-----|----|-----|------|----|
| 12910.060.06002 | 190 | 70 | 50  | 600  | 10 |
| 12910.060.06003 | 190 | 50 | 100 | 600  | 14 |
| 12910.080.08001 | 190 | 50 | 50  | 800  | 14 |
| 12910.080.08002 | 190 | 70 | 50  | 800  | 10 |
| 12910.080.08003 | 190 | 50 | 100 | 800  | 14 |
| 12910.100.01001 | 190 | 50 | 50  | 1000 | 14 |
| 12910.100.01002 | 190 | 70 | 50  | 1000 | 10 |
| 12910.100.01003 | 190 | 50 | 100 | 1000 | 14 |
| 12910.150.05001 | 190 | 50 | 50  | 1500 | 14 |
| 12910.150.05002 | 190 | 70 | 50  | 1500 | 10 |
| 12910.150.05003 | 190 | 50 | 100 | 1500 | 14 |
| 12910.200.02001 | 190 | 50 | 50  | 2000 | 14 |
| 12910.200.02002 | 190 | 70 | 50  | 2000 | 10 |
| 12910.200.02003 | 190 | 50 | 100 | 2000 | 14 |
| 12910.250.06201 | 190 | 50 | 50  | 2500 | 14 |
| 12910.250.06203 | 190 | 50 | 100 | 2500 | 14 |
| 12910.300.03001 | 190 | 50 | 50  | 3000 | 14 |
| 12910.300.03002 | 190 | 70 | 50  | 3000 | 10 |
| 12910.300.03003 | 190 | 50 | 100 | 3000 | 14 |
| 12910.500.50001 | 190 | 50 | 50  | 5000 | 14 |
| 12910.500.50003 | 190 | 50 | 100 | 5000 | 14 |

## Technical data

### Compatibility

- Grindstones for chrome surfaces
- Grinding stones for steel surfaces

### Handling

Outside diameter of grinding stone +/- 5 mm

#### Product liability clause

The foregoing information and any consulting provided by us in terms of application engineering shall be given to our best knowledge, but shall not be considered binding information neither with regard to any third party industrial property rights. Any such consulting shall not relieve you from your own review of our current consulting information as to their suitability for the intended procedures and applications. It is the users responsibility to determine the suitability for his/her own use and application and test through the complete production process to ensure the product is fully suitable for the intended use, since conditions of use are beyond our control. The sale of our products shall be subject to our current General Terms and Conditions. We reserve the right to make changes that serve to improve the product.

