

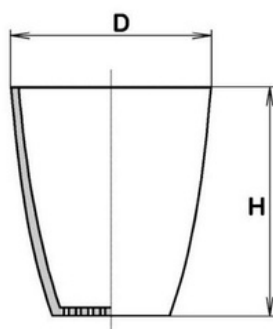


## PRODUCT SPECIFICATIONS SHEET

### Gooch crucibles

Jizerská porcelánka s.r.o. certifies that the specified products meet all specifications and quality criteria for release. The products comply in every respect with the relevant particular specifications, drawings, relevant standards and regulations in force.

| Sign  | JIPO Code       | D (mm) | H (mm) | Capacity (ml) | Size of holes | Internal diameter of the base |
|-------|-----------------|--------|--------|---------------|---------------|-------------------------------|
| 234/1 | 641 321 234 101 | 30     | 36     | 17            | 0,5           | 16                            |
| 234/3 | 641 321 234 301 | 35     | 43     | 25            | 0,5           | 20                            |
| 234/4 | 641 321 234 401 | 39     | 49     | 35            | 0,5           | 21                            |
| 234/5 | 641 321 234 501 | 60     | 71     | 120           | 0,8           | 32                            |



|                       |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intended uses:</b> | Laboratory applications                                                                                                                              |
| <b>Material:</b>      | Porcelain C110                                                                                                                                       |
| <b>Shape:</b>         | Porcelain crucible with ceramic bottom without spout and graduation                                                                                  |
| <b>Compliant to:</b>  | ISO material for the manufacture lies within the group C110 according to ČSN EN 60672 –3<br>Product dimension tolerances are controlled by DIN 40680 |



***JIZERSKÁ PORCELÁNKA, s.r.o.***

*Producer of laboratory and technical porcelainsince1947*



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**Porcelain properties:** Unglazed products can be used at temperatures of up to 1350°C / 2462°F and glazed ones at temperatures of up to 1000°C / 1,832°F ( $\Delta t$  230°C)  
Products have high resistance to acids and bases  
Density 2.4 g/cm<sup>3</sup>  
Bending strength of unglazed products (70MPa)  
Thermal conductivity (W.m<sup>-1</sup>.K<sup>-1</sup>) = 1.3

The compliance of demands is proved by regular tests and followed noticed tests from an independent laboratory:

Test according ČSN EN 60672- 2

Determination of thermal shock resistance  $\Delta t$  230°C

Test in liquid nitrogen

Test resistance to acids and bases

**Disclaimer:** Jizerská porcelánka s.r.o. wants to state that these specifications can only be regarded as general information and will not discharge the user from his obligation to ensure the product is suitable for the intended use. If there's any doubt ask us.