

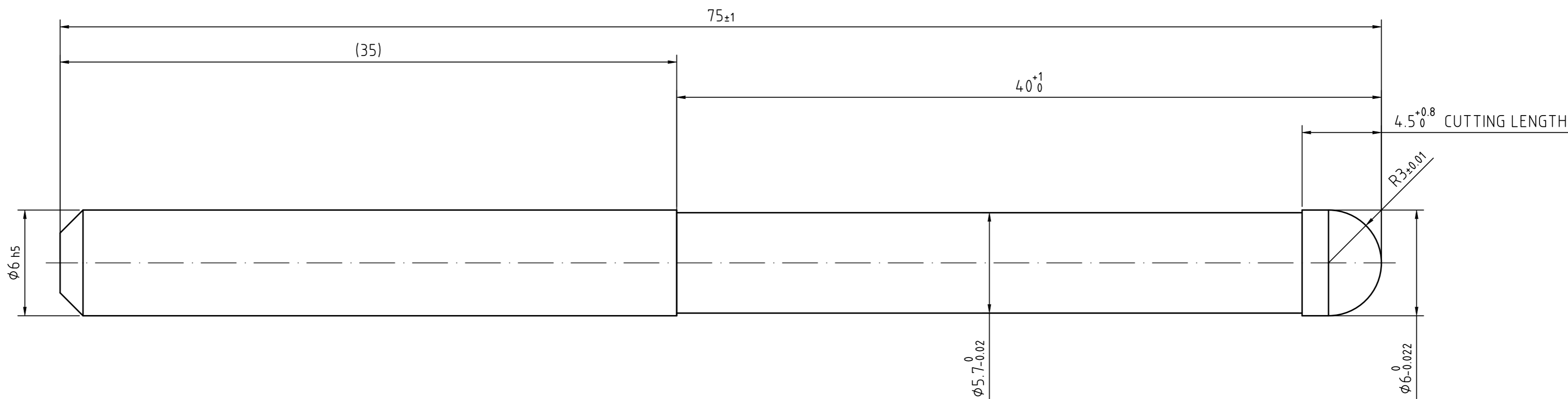


| INDEX | CHANGES | DATE | NAME |
|-------|---------|------|------|
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |
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|       |         |      |      |


| NON TOLERANCED DIMENSIONS        |         |         |         |         |
|----------------------------------|---------|---------|---------|---------|
| 0.5                              | > 3     | > 6     | > 30    | > 120   |
| ... 3                            | ... 6   | ... 30  | ... 120 | ... 400 |
| ± 0.1                            | ± 0.1   | ± 0.2   | ± 0.3   | ± 0.5   |
| ± 0.2                            | ± 0.5   | ± 1     | ± 1     | ± 1     |
| RADII, CHAMFERS                  |         |         |         |         |
| ± 0.2                            | ± 0.5   | ± 1     | ± 1     | ± 1     |
| ANGLES, DIM. OF THE SHORTER SIDE |         |         |         |         |
| bis 10                           | > 10    | > 50    | > 120   | > 400   |
| ... 50                           | ... 120 | ... 400 |         |         |
| ± 1°                             | ± 30'   | ± 20'   | ± 10'   | ± 5'    |

 OPTIMILL-3D-BN-GRAPHITE, Z=3  
 HC116



| REGRINDING INFO            |                       |
|----------------------------|-----------------------|
| TIP                        | <input type="radio"/> |
| OUTER DIAMETER             | <input type="radio"/> |
| FLUTE                      | <input type="radio"/> |
| ADDING OF WORKING LENGTH   | <input type="radio"/> |
| ADDING OF WORKING DIAMETER | <input type="radio"/> |
| DECOATING                  | <input type="radio"/> |

YES  OPTIONAL  NO

|   |   |                             |   |                                    |               |
|---|---|-----------------------------|---|------------------------------------|---------------|
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| <small>GENERAL TOLERANCE ISO 2768-mH<br/>         SIZE ISO 14405-1</small>  | <small>DIMENSIONS NOT SHOWN<br/>         ARE MAPAL STANDARDS</small>      | DATE                        | APPROVED  | MATERIAL NUMBER<br><b>31152876</b> | ORIGIN<br>ALD |
|    | <b>MAPAL</b><br>Präzisionswerkzeuge<br>Dr. Kress KG                       | SCALE<br>5:1                | TECHNICAL SPECIFICATION<br>MBN111-060-0300-4000X075-HC116 | SHEET<br>1/1                       |               |