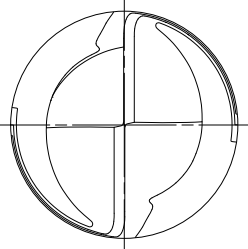


| INDEX | CHANGES | DATE | NAME |
|-------|---------|------|------|
|       |         |      |      |
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| NON TOLERANCED DIMENSIONS        |       |       |        |        |         |
|----------------------------------|-------|-------|--------|--------|---------|
| 0.5                              | > 3   | > 6   | > 30   | > 120  | > 400   |
| ...3                             | ...6  | ...30 | ...120 | ...400 | ...1000 |
| ± 0.1                            | ± 0.1 | ± 0.2 | ± 0.3  | ± 0.5  | ± 0.8   |
| RADII, CHAMFERS                  |       |       |        |        |         |
| ± 0.2                            | ± 0.5 | ± 1   | ± 1    | ± 1    | ± 1     |
| ANGLES, DIM. OF THE SHORTER SIDE |       |       |        |        |         |
| bis 10                           | > 10  | > 50  | > 120  | > 400  |         |
| ± 1°                             | ± 30' | ± 20' | ± 10'  | ± 5'   |         |

OPTIMILL-3D-CR-HARDENED  
HP808



MN-30.46-260

| REGRINDING INFO            |   |
|----------------------------|---|
| TIP                        | ● |
| OUTER DIAMETER             | ○ |
| FLUTE                      | ○ |
| ADDING OF WORKING LENGTH   | ● |
| ADDING OF WORKING DIAMETER | ○ |
| DECOATING                  | ○ |

● YES ○ NO

|  |  |  |               |                                  |   |
|--|--|--|---------------|----------------------------------|---|
| MAPAL ©<br>FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG |  | TITLE<br>OPTIMILL-3D-CR-HARDENED, SHANKFORM HA, SC, COATED |               |                                  | FORMAT<br>A2  |
| <br>MAPAL<br>Präzisionswerkzeuge<br>Dr. Kress KG         |  | DATE OF ISSUE<br>2021-11-17                                | CREATED<br>MF | DOCUMENT<br>607409604-000-01-ED1 |   |
|  |  | DATE   | APPROVED      | MATERIAL NUMBER<br>31154661      |   |
| GENERAL TOLERANCE ISO 2768-mH<br>SIZE ISO 14405-1        |  | DIMENSIONS NOT SHOWN<br>ARE MAPAL STANDARDS                |               | SCALE<br>5:1                     | TECHNICAL SPECIFICATION<br>MCR107-060-0050-2000X060-HP808 |
|  |  |  |               |                                  | SHEET<br>1/1  |