


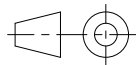


INDEX	CHANGES	DATE	NAME

NON TOLERANCED DIMENSIONS					
0.5 ...3	> 3 ...6	> 6 ...30	> 30 ..120	> 120 ..400	> 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	> 50 ...120	> 120 ...400	> 400	
± 1°	± 30'	± 20'	± 10'	± 5'	

 OPTIMILL-3D-CR-HARDENED,Z=4
 HP808

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

MAPAL © FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG		TITLE OPTIMILL-3D-CR-HARDENED, SHANKFORM HA, SC, COATED				FORMAT A2
<div>MAPAL Präzisionswerkzeuge Dr. Kress KG</div> <p>ALL RIGHTS FOR THE INVENTIONS, KNOW-HOW, TECHNICAL SOLUTIONS AND DESIGNS SHOWN ON THE DRAWING ARE ENTITLED TO MAPAL ONLY. AS FAR AS MAPAL DID NOT REGISTER PROPERTY RIGHTS HEREUPON YET, MAPAL FORMALLY RESERVES THE RIGHT FOR THE REGISTRATION OF PROPERTY RIGHTS. THE DRAWING AS WELL AS THE MATTERS SHOWN ARE STRICTLY CONFIDENTIAL. REPRODUCTIONS MAY ONLY BE MADE FOR THE PURPOSE AGREED UPON. NEITHER THIS DRAWING NOR COPIES THEREOF MAY BE MADE ACCESSIBLE TO THIRD PARTIES. WITH THE DELIVERY OF THIS DRAWING NO RIGHT TO USE IT FOR ANY PURPOSE IS GRANTED. VIOLATIONS AGAINST THE OBLIGATION TO SECRECY AND USE RESTRICTIONS WILL BE PROSECUTED.</p>		DATE OF ISSUE 2021-11-25	CREATED MF	DOCUMENT 607409585-000-01-ED1	INDEX 00	
		DATE	APPROVED	MATERIAL NUMBER 31154764	ORIGIN AAD	
GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1 ①		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS		SCALE 2:1	TECHNICAL SPECIFICATION MCR109-080-0100-5000X100-HP808	SHEET 1/1