

INDEX	CHANGES	DATE	NAME

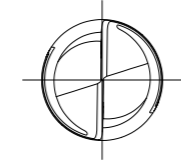
NON TOLERANCED DIMENSIONS					
0.5 ...3	> 3 ...6	> 6 ...30	> 30 ..120	> 120 ..400	> 400 ..1000
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8
RADII, CHAMFERS					
± 0.2	± 0.5	± 1	± 1	± 1	± 1
ANGLES, DIM. OF THE SHORTER SIDE					
bis 10	> 10 ...50	> 50 ...120	> 120 ...400	> 400	
± 1°	± 30'	± 20'	± 10'	± 5'	



OPTIMILL-3D-CR,Z=2





HP803



MN-30.46-90

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

● YES ◐ OPTIONAL ○ NO

MAPAL © FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG		TITLE OPTIMILL-3D-CR, SHANKFORM HA, SC, COATED			FORMAT A2
 <b>MAPAL</b> Präzisionswerkzeuge Dr. Kress KG		DATE OF ISSUE 2021-11-23	CREATED MF	DOCUMENT 607410906-000-01-ED1	INDEX 00
		DATE	APPROVED	MATERIAL NUMBER 31153983	ORIGIN AAD
GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1 ①		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS		SCALE 2:1	SHEET 1/1