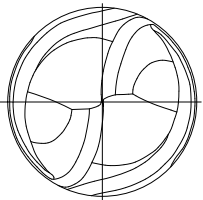


OPTIMILL-3D-BN
HP820

M 50:1



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

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 ± 1°	> 10 ...50 ± 30'	> 50 ...120 ± 20'	> 120 ...400 ± 10'	> 400 ± 5'	

MAPAL © FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG		TITLE OPTIMILL-3D-BN, SHANKFORM HA, SC, COATED			FORMAT A2
 MAPAL Präzisionswerkzeuge Dr. Kress KG		DATE OF ISSUE 2021-11-22	CREATED MF	DOCUMENT 607410233-000-02-ED1	
		DATE	APPROVED	MATERIAL NUMBER 31153279	
GENERAL TOLERANCE ISO 2768-mH SIZE ISO 14405-1		DIMENSIONS NOT SHOWN ARE MAPAL STANDARDS		SCALE 5:1	TECHNICAL SPECIFICATION MBN101-005-0025-0200X050-HP820
					SHEET 1/1