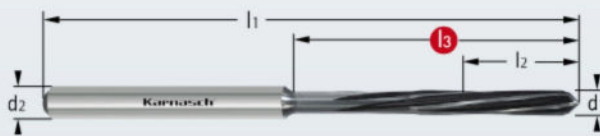


Miniatur- Vollhartmetall- Präzisionsreibahlen HPC. Linksspirale, rechtsschneidend
 Miniature Micro Grain high-speed reamers / HPC. Left hand spiral fluted, right hand cutting



22 1452

HRC < 45	MESSING brass
INOX stainless steel < 900 N/mm ² ferritic	Kupfer copper
INOX stainless steel > 900 N/mm ² martensitic	Gold gold
INOX stainless steel < 900 N/mm ² austenitic	kurz-spanend short chip
GG/G cast iron	lang-spanend long chip
Alu-minium	



Zwischenabmessungen und Sondertoleranzen sind auf Anfrage kurzfristig Lieferbar.

Intermediate sizes and special tolerances are available at short notice on request.

MICRO GRAIN	KARNASCH NORM
SPEZIAL SPECIAL	Form HA
	HPC
	POLIERT POLISHED

Schnittdaten
Cutting data



Art.	d1		l3	d2	l1	l2	Z
22 1452 0090	0,90	+0,003	10	0,90	34	7	4
22 1452 0098	0,98	+0,004	21	4,0	50	6	3
22 1452 0101	1,01	+0,004	21	4,0	50	6	3
22 1452 0102	1,02	+0,004	21	4,0	50	6	3
22 1452 0103	1,03	+0,004	21	4,0	50	6	3
22 1452 0160	1,60 H7		21	4,0	50	12	3
22 1452 0201	2,01	+0,004	21	4,0	50	12	4
22 1452 0248	2,48	+0,004	31	4,0	60	16	4
22 1452 0249	2,49	+0,004	31	4,0	60	16	4
22 1452 0280	2,80 H7		35	4,0	63	16	6
22 1452 0297	2,97	+0,004	35	4,0	63	16	6
22 1452 0298	2,98	+0,004	35	4,0	63	16	6
22 1452 0303	3,03	+0,004	35	4,0	63	16	6

⊗ Sonderpreis / Sale Artikel. Lieferbar solange Vorrat.
 Special price / sale article. While stocks last.

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