

**EXCLUSIVELINE®****NEW****HR 500 solid carbide high-performance reamers**  
**Standard range and dimensions****HR 500 Alu solid carbide high-performance reamers****Product information**

- right-hand cutting
- extremely unequal flute spacing
- straight-fluted
- straight shank tolerance h6 for hydraulic or shrink fit chucks

The HR 500 Alu solid carbide high-performance reamer makes reaming qualities and tool life on a level between a conventional solid carbide reamer and a PCD reamer possible. Furthermore, feed rates even superior to PCD levels can be achieved (see Guhring-Navigator).

With optimal cutting rates and rigid conditions there is no formation of built-up edges!

Therefore, they enable considerable savings in production costs. In addition, it provides very high reliability.

Tool material/carbide grade

Surface finish

Discount group

**Guhring no.**

Type

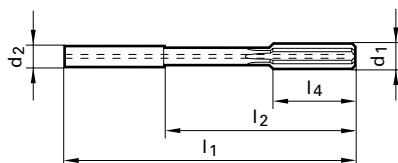
DIN



**Guhring std.**

Tolerance

**hole tolerance zone H7**

Intermediate sizes on request.



Solid carbide	Solid carbide
Carbo	Carbo
166	166
<b>1678</b>	<b>1679</b>
S for blind holes	D for through holes
	

Nom.-Ø d <sub>1</sub>	Shank-Ø d <sub>2</sub> h6	Total length l <sub>1</sub>	Effective length l <sub>2</sub>	Cutting edge length l <sub>4</sub>	No. of flutes	Standard range	
4.00	4.00	68	40	12	4	•	•
5.00	6.00	76	40	12	4	•	•
6.00	6.00	76	40	12	4	•	•
7.00	8.00	101	65	16	6	•	•
8.00	8.00	101	65	16	6	•	•
10.00	10.00	101	61	19	6	•	•
12.00	12.00	130	85	19	6	•	•
14.00	14.00	130	85	22	6	•	•
16.00	16.00	150	102	22	6	•	•
18.00	18.00	150	102	25	6	•	•
20.00	20.00	150	100	25	6	•	•