EXCLUSIVELINE®

HR 500 solid carbide high-performance reamers
Standard range and dimensions

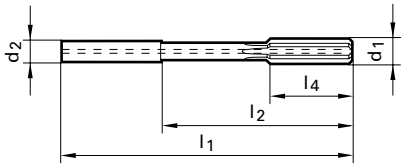
HR 500 solid carbide high-performance reamers

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

The solid carbide HPC reamer HR 500 operates with highest cutting rates (see GuhringNavigator) and produces extremely high-quality holes. Therefore, it often enables considerable savings in production costs. In addition, it provides very high process reliability. The special coolant supply of the HR 500 D ensures an optimal chip evacuation and an optimal cooling.

Tool material/carbide grade		**Solid carbide**	**Solid carbide**
Surface finish		TiAlN	TiAlN
Discount group		166	166
Guhring no.		**1675**	**1676**
Type		S for blind holes	D for through holes
DIN	**Guhring std.**		
Tolerance	**hole tolerance zone H7**		

HR 500 ACTIVE
Intermediate sizes and stepped reamers
see page 16!



Nom.-Ø d_1	Shank-Ø d_2 h6	Total length l_1	Effective length l_2	Cutting edge length l_4	No. of flutes	Standard range	
10.00	10.00	101	61	19	6	●	●
10.01	10.00	101	61	19	6	●	●
10.02	10.00	101	61	19	6	●	●
10.03	10.00	101	61	19	6	●	●
11.00	12.00	130	85	19	6	●	●
11.97	12.00	130	85	19	6	●	●
11.98	12.00	130	85	19	6	●	●
11.99	12.00	130	85	19	6	●	●
12.00	12.00	130	85	19	6	●	●
12.01	12.00	130	85	19	6	●	●
12.02	12.00	130	85	19	6	●	●
12.03	12.00	130	85	19	6	●	●

guhring@guhring-tools.ru
www.guhring-tools.ru