

Special Reamer Quote Form

HR 500 ACTIVE

Solid carbide step reamers made to measure

Order

Inquiry

Name/customer no. if available New customer

Street no.

Telephone

Date

Contact for questions

Order no.

Zip code

Fax

Signature

Quantity

Minimum order quantity 5 tools

Hole Ø / tol.

or

Reamers

manufact. Ø / tol.

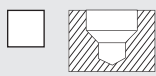
Example


<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
nom.-Ø d ₁	upper/lower limit	step Ø d ₃	upper/lower limit	Example	Example	Example	Example	Example	Example
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Ø 12 F8 Ø 10 H7	Ø 12 +0,02 -0,004	Ø 10 ±0,2	Ø 12 +0,01 -0,004	Ø 10 +0,01 -0,004	

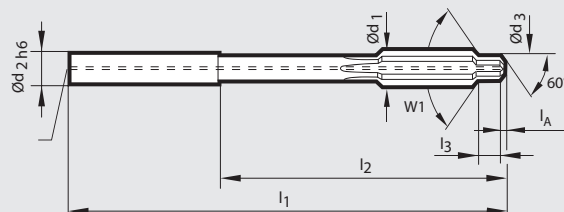
**cyl. step length/
countersink
angle**

Step length $l_{3 \pm 0.1}$

Blind hole

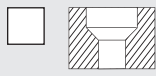
 Hole and countersink

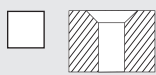


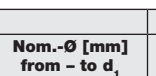


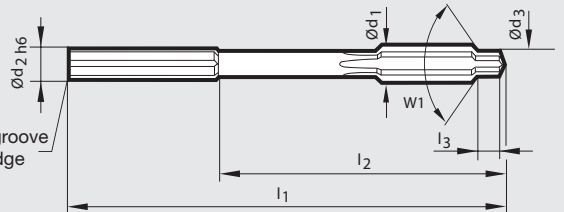
Through hole

- with internal cooling
- without internal cooling

 Stepped hole

 Hole and countersink

 one coolant groove per cutting edge



Dimensions

- long version
- short version

Further dimensions on request

Nom.-Ø [mm] from - to d ₁	smallest poss. step-Ø d ₃	long version		short version		Chamfer length l ₁ (only blind holes)	Shank-Ø h6 DIN 6535 d ₂
		l ₁	Reach l ₂	l ₁	Reach l ₂		
2.950 - 4.1	d1x0.7 (min.Ø2.95)	68	40	-	-	0.4	4
4.101 - 6.1	d1x0.7 (min.Ø2.95)	76	40	-	-	0.4	6
6.101 - 8.1	d1 x 0.8	101	65	76	40	0.4	8
8.101 - 10.1	d1 x 0.8	101	61	76	36	0.4	10
10.101 - 12.1	d1 x 0.8	130	85	80	35	0.5	12
12.101 - 14.1	d1 x 0.8	130	85	90	45	0.5	14
14.101 - 16.1	d1 x 0.8	150	102	90	42	0.5	16
16.101 - 18.1	d1 x 0.8	150	102	100	52	0.5	18
18.101 - 20.1	d1 x 0.8	150	100	100	50	0.5	20

Coating

- TiAlN (optimal for the machining of steel and universal application)
- Zenit (optimal for the machining of titanium)
- nano-Si (optimal for the machining of cast iron)
- Carbo (optimal for the machining of Al)

Material

- steel/hardened steel/special alloys/VA
- Cast iron HR 500 CAST
- Al-wrought-cast alloys