Inquiry Form Walter Xpress Drilling Tools

Company | Customer No.

Contact person

Address

Country

Phone | Fax

E-Mail

To:
Walter Sales company

Quantity: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 10 ☐ 20

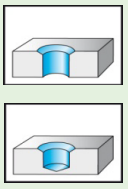
Data – Workpiece:

Workpiece material:

Drilling depth:

max. Drilling Depth $5 \times D_{C_1}$

Hole Type:



- All length- and diameter measures in mm.
- If it is possible, add drawing of unmachined and machined part.
- After the testing your inquiry on technical feasibility, you get immediately an answer.

Type and Dimension – Tool:

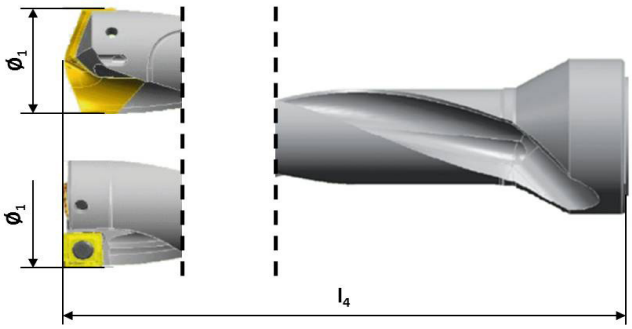
$Ø_1$ =

l_4 =

Limit: $l_4 \leq 300$ mm

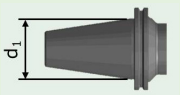
Point Drill ○
$Ø_{1,\,min}$ = 12,00 mm
$Ø_{1,\,max}$ = 37,99 mm

Insert Drill ○
$Ø_{1,\,min}$ = 16,50 mm
$Ø_{1,\,max}$ = 59,00 mm



Tool adaption:

SK DIN 69871

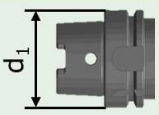


Type:
○ DIN69871
○ JIS (MAS-BT)
○ ANSI/CAT only in range 40-50

Size d_1:
○ 30 ○ 45
○ 40 ○ 50

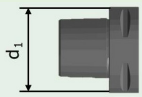
Version:
○ A / D ○ AD / B
○ B

HSK DIN 69893, Form A



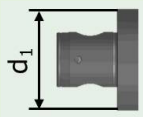
Size d_1:
○ 40 ○ 80
○ 50 ○ 100
○ 63

CAPTO



Size d_1:
○ C3 ○ C6
○ C4 ○ C8
○ C5

AC



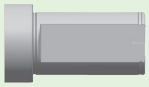
Size d_1:
○ 32 ○ 63
○ 40 ○ 80
○ 50

cylindrical shank DIN 1835

Size d_1:
○ 16 ○ 25 ○ 40
○ 20 ○ 32 ○ 50

Version:
○ B
○ E only in range 16-32

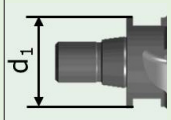
cylindrical shank ISO 9766



Size d_1:
○ 20 ○ 40
○ 25 ○ 50
○ 32

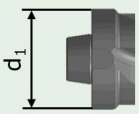
clamping surface ○ yes ○ no

ScrewFit



Size d_1:
○ T14 ○ T28
○ T18 ○ T36
○ T22 ○ T45

NCT



Size d_1:
○ 25 ○ 50
○ 32 ○ 63
○ 40 ○ 80

Additional notes:

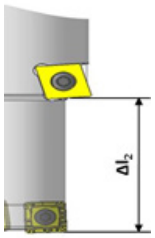
Shipment of the tool within 3 weeks from Germany. Additional information about Walter Xpress you will find at **www.walter-tools.com**

All green highlighted fields are mandatory fields to design the special tool. The other input fields are optional.

Doc. GEP-QF00-06/03.06.2013/Rev. 10

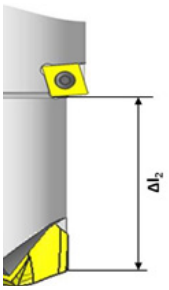
- Number of Teeth (z_{min}=1; z_{max}=2) of Boring Steps will be adapted to task.

- Design limits of Drill Step of Insert Drills with Boring Step.



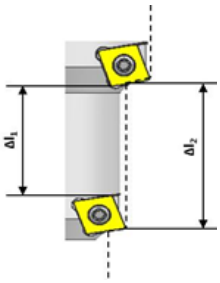
Size of Insert	Range of Diameter		Δl_2 (min)
	$Ø_{1, min}$	$Ø_{1, max}$	
2R	16,5	20,5	16,3
3R	20,5	24,5	17,5
4R	24,5	29,5	18,7
5R	29,5	35,5	20,6
6R	35,5	42,5	22,7
7R	42,5	50,5	25,2
8R	50,5	59,5	27,6

- Design limits of Drill Step of Point Drills with Boring Step.

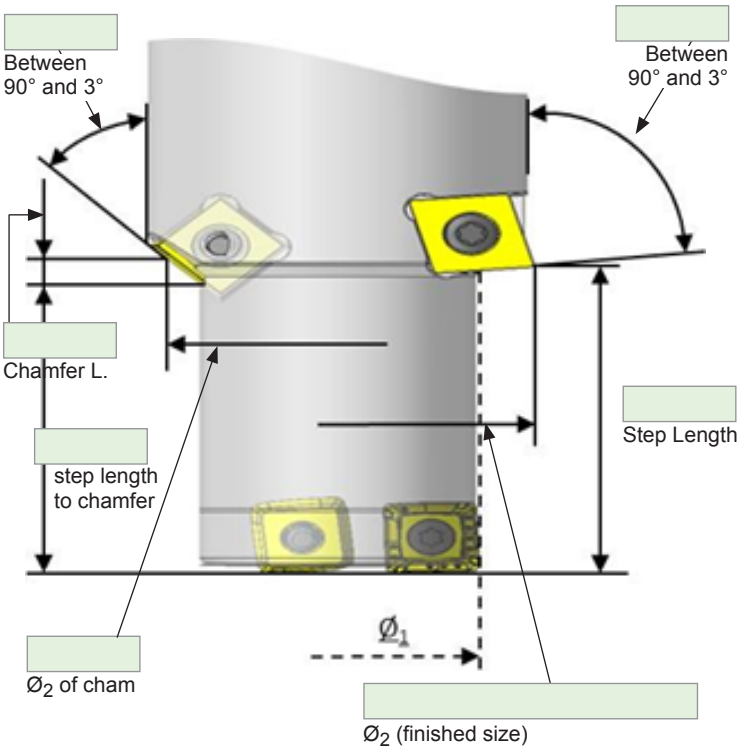


Range of Diameter		Δl_2 (min)
$Ø_{1, min}$	$Ø_{1, max}$	
12	14	14,5
14	16	15,8
16	18	17,6
18	20	19
20	22	20,8
22	24	22,1
24	26	23,4
26	28	24,8
28	30	26,7
30	32	28,5

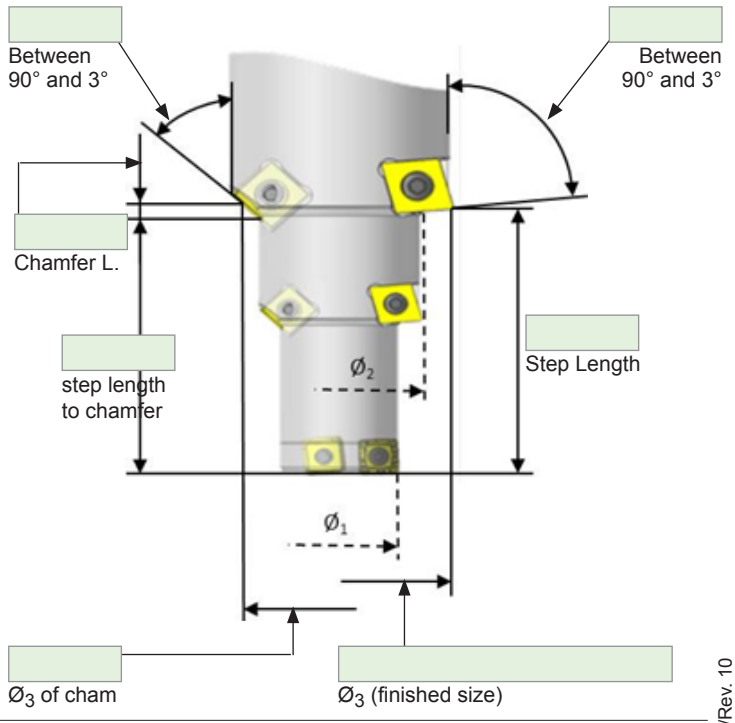
- Design limits of Single Step Length of Boring Step are $\Delta l_1 \geq 5$ mm und $\Delta l_2 \geq 10$ mm.



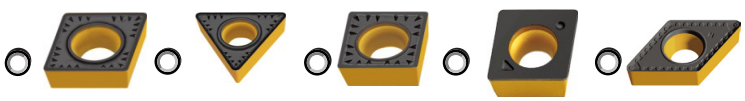
Geometry Step 2 – Tool:



Geometry Step 3 – Tool:



Preferred Insert:



If the tool cannot be processed as Xpress, it will be processed as special tool with longer delivery time.

Additional notes:

Shipment of the tool within 3 weeks from Germany. Additional information about Walter Xpress you will find at **www.walter-tools.com**

All green highlighted fields are mandatory fields to design the special tool. The other input fields are optional.

Doc. GEP-QF00-06/03.06.2013/Rev. 10