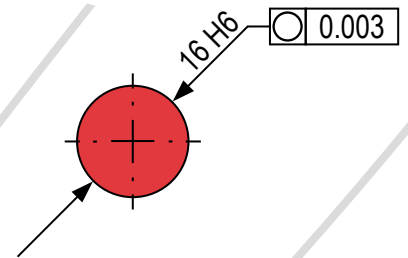




<디지털>

디지털 정삭 보링헤드



DigiTec
made in Switzerland



DigiTec <디지텍>



적정한 가격의 디지털 정삭 보링 시스템 !

The digital fine boring system at a fair price!

Le système tête micrométrique digital à un prix sensationnel!



모든 URMA 정삭 보링헤드 D0.3~
2400mm 를 위한 디지털 - 기술

- * 콘트롤 유닛 한개로 모든 디지텍에 사용
- * 고장 없고, 손실 최소화
- * 배터리와 표시창은 포켓용 콘트롤 유닛에 내장됨
- * 탁월한 가격 - 성능의 조화
- * 보링헤드 - 신 버전으로 개선 가능함

Digital-Technology for the entire Urma fine boring
head family from Ø 0.3 up to 2400 mm

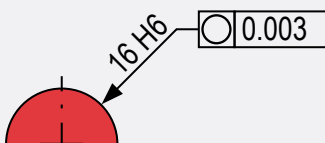
- only one control unit for the entire DigiTec family
- no maintenance and minimal risk of failure, battery and display are located in the handheld control unit.
- excellent price-performance ratio
- upgrade possible on the fine boring heads - version 2011

Technologie digitale pour toute la famille des
têtes micrométriques du Ø 0.3 à 2400 mm

- un seul dispositif d'affichage pour toute la famille DigiTec
- aucun entretien, sans grand risque de défaillance, source de courant dans le dispositif d'affichage.
- rapport prix/qualité sans concurrence
- peut être installé sur les têtes micrométriques de la nouvelle génération depuis 2011



made in Swi⁺zerland



디지털 정삭 보링헤드용 디스 플레이 유니트

Anzeigegerät für digitale Feinbohrköpfe

Display unit for digital fine boring heads

Appareil indicateur pour des têtes micrométriques

리모트 콘트롤

Anzeigegerät

Remote control

Appareil indicateur

Bestell-Nr. Order No. No de cde	L (inch)	B (inch)	H (inch)	kg
92 00 25-D	120 (4.72")	80 (3.15")	25 (0.98")	0.185*

* inkl. Batterie | including battery | y compris batterie

* 배터리 포함



부속품

Ersatzteile / Spare parts / Pièces de rechange



9V E-Block
792 00 25 12

정삭 보링헤드

(2 $\mu\text{m}/\phi$ 아나로그 - 표준형 ; 1 $\mu\text{m}/\phi$ 디지털)

Feinbohrkopf

(2 $\mu\text{m}/\phi$ analog; 1 $\mu\text{m}/\phi$ digital)

Fine boring head

(2 $\mu\text{m}/\phi$ analog; 1 $\mu\text{m}/\phi$ digital)

Tête micrométrique

(2 $\mu\text{m}/\phi$ analogue; 1 $\mu\text{m}/\phi$ digitale)



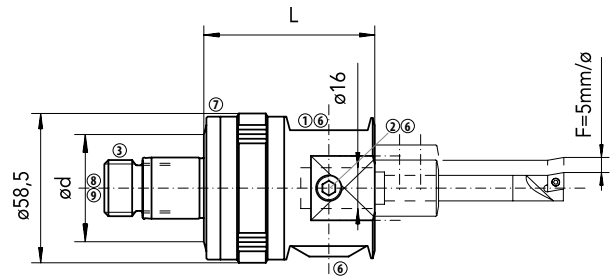
밸런스 정삭 보링헤드 : 알파 - 모듈

Feinbohrkopf auswuchtbar

Fine boring head, balanceable

Tête micrométrique, équilibrable

Alpha	Bestell-Nr. Order No. No de cde	L	d	kg	SW	MCM	MCC
42	05 42 30-D	67	42	1,3	50	42	Z16



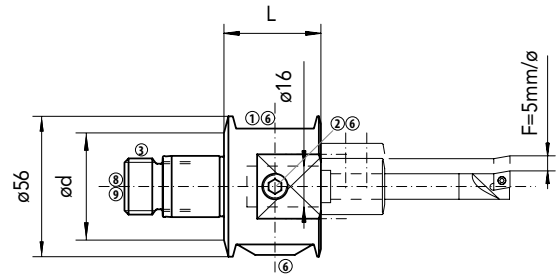
정삭 보링헤드 (밸런스 안됨) : 알파 - 모듈

Feinbohrkopf nicht auswuchtbar

Non balanceable fine boring head

Tête micrométrique, non équilibrable

Alpha	Bestell-Nr. Order No. No de cde	L	d	kg	SW	MCM	MCC
42	05 42 40-D	38	42	0,7	50	42	Z16



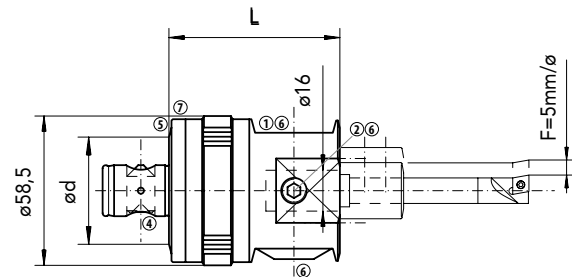
밸런스 정삭 보링헤드 : 베타 - 모듈

Feinbohrkopf auswuchtbar

Fine boring head, balanceable

Tête micrométrique, équilibrable

Beta	Bestell-Nr. Order No. No de cde	L	d	kg	MCM	MCC
40	B05 40 30 067-D	67	42	1,3	B40	Z16



부속품

Ersatzteile / Spare parts / Pièces de rechange

Alpha	Beta	①	②	③	④	⑤	⑥	⑦	⑧	⑨
	40	Z00 05 01	Z00 23 01		Z00 40 21	Z00 40 23	G00 02 06	G00 02 03		
42		Z00 05 01	Z00 23 01	Z00 22 42			G00 02 06	G00 02 03	G00 02 04	G00 02 07

정삭 보링헤드
(10 µm/ø 아나로그 - 표준형 ; 1 µm/ø 디지털)



Feinbohrköpfe (10 µm/ø analog; 1 µm/ø digital)

Fine boring heads

(10 µm/ø analog; 1 µm/ø digital)

Têtes micrométriques

(10 µm/ø analogue; 1 µm/ø digitale)



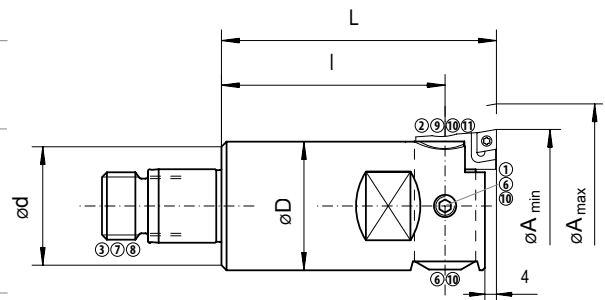
알파 - 모듈

Alpha-Modul

Alpha module

Module alpha

Alpha	Bestell-Nr. Order No. No de cde	A _{min} - A _{max}	L	D	d	kg	SW	MCM	MCC
24,5	25 24 30-D	29 - 39	50	26	24,5	0,2	22	24,5	2002
32	25 32 30-D	38 - 51	65	32	32	0,4	27	32	2004
42	25 42 30-D	50 - 67	90	42	42	1	36	42	2004
55	25 55 30-D	66 - 88	115	55	55	2,2	46	55	2006
72	25 72 30-D	87 - 116	75	72	72	2,5	55	72	2006
94	25 94 30-D	115 - 153	95	94	94	5,2	55	94	2006



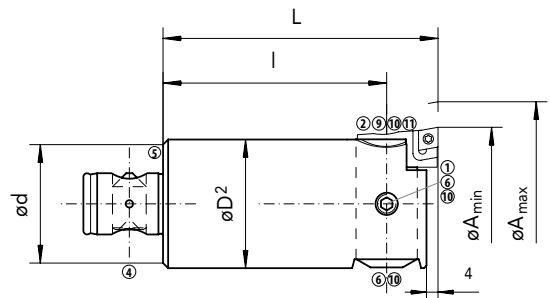
베타 - 모듈

Beta-Modul

Beta module

Module beta

Beta	Bestell-Nr. Order No. No de cde	A _{min} - A _{max}	L	D	d	kg	MCM	MCC
25	B25 25 30 050-D	29 - 39	50	26	25	0,2	B25	2002
32	B25 32 30 065-D	38 - 51	65	32	32	0,4	B32	2004
40	B25 40 30 090-D	50 - 67	90	42	40	1	B40	2004
63	B25 63 30 100-D	66 - 88	100	63	63	2,5	B63	2006
80	B25 80 30 115-D	87 - 116	115	80	80	4,3	B80	2006
100	B25 100 30 145-D	115 - 153	145	100	100	9,2	B100	2006



부속품

Ersatzteile / Spare parts / Pièces de rechange

Alpha	Beta	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
24,5		C00 25 02	C00 25 11	Z00 12 24				G00 02 05	G00 02 02		G00 20 07	
	25	C00 25 02	C00 25 11		Z00 25 21	Z00 25 23					G00 20 07	
32	32	C00 25 03	C00 25 12	Z00 16 32	Z00 32 21	Z00 32 23	G00 02 04	G00 02 06	G00 02 03			G00 20 03
	40	C00 25 04	C00 25 12		Z00 40 21	Z00 40 23	G00 02 04					G00 20 03
42		C00 25 04	C00 25 12	Z00 22 42			G00 02 04	G00 02 07	G00 02 04			G00 20 03
55		C00 25 05	C00 25 13	Z00 27 55			G00 02 06	G00 02 05	G00 02 08	G00 02 05		
	63	C00 25 05	C00 25 13		Z00 63 21	Z00 63 23	G00 02 06			G00 02 05		
72		C00 25 05	C00 25 13	Z00 15 74			G00 02 06	G00 02 10	G00 02 08	G00 02 05		
	80	C00 25 06	C00 25 13		Z00 80 21	Z00 80 23	G00 02 06			G00 02 05		
94		C00 25 05	C00 25 13	Z00 15 96			G00 02 06	G00 02 10	G00 02 08	G00 02 05		
	100	C00 25 07	C00 25 13		Z00 100 21	Z00 100 23	G00 02 06			G00 02 05		

정삭 보링헤드

Feinbohrköpfe

Fine boring heads

Têtes micrométriques



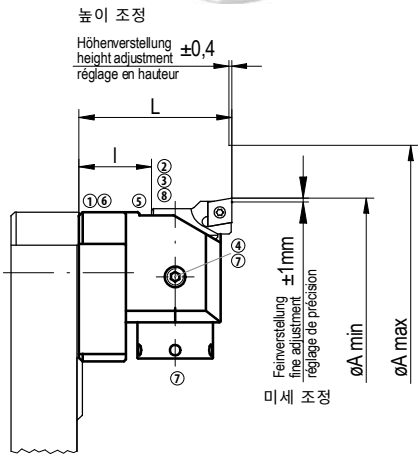
정삭 보링헤드 ø 87 - 297 mm (5 µm/ø 아나로그 - 표준형 ; 1 µm/ø 디지털)

Feinbohrkopf ø 87 - 297 mm(5 µm/ø analog; 1 µm/ø digital)

Fine boring head ø 87 - 297 mm (5 µm/ø analog; 1 µm/ø digital)

Tête micrométrique ø 87 - 297 mm (5 µm/ø analogue, 1 µm/ø digitale)

Bestell-Nr. Order No. No de cde	A _{min} - A _{max}	L	I	kg	MCM	MCC
23 01 30 040-D	87 - 297	40	18	0,4	DK2201	2010



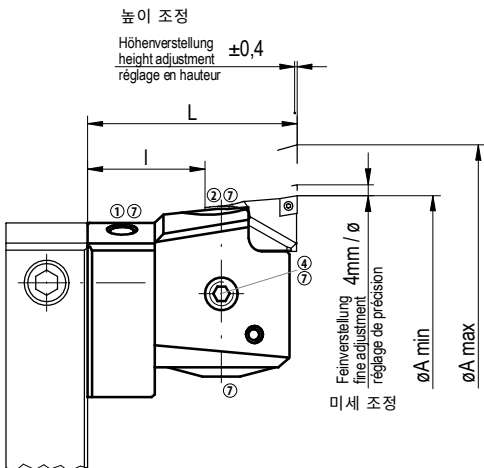
정삭 보링헤드 ø 87 - 297 mm (5 µm/ø 아나로그 - 표준형 ; 1 µm/ø 디지털)

Feinbohrkopf ø 150 - 2400 mm (10 µm/ø analog; 1 µm/ø digital)

Fine boring head ø 150 - 2400 mm (10 µm/ø analog; 1 µm/ø digital)

Tête micrométrique ø 150 - 2400 mm (10 µm/ø analogue, 1 µm/ø digitale)

Bestell-Nr. Order No. No de cde	A _{min} - A _{max}	L	I	kg	MCM	MCC
23 00 30-D	150 - 2400	77	42	2,3	K00	DK2200



부속품

Ersatzteile / Spare parts / Pièces de rechange

A _{min} - A _{max}	①	②	③	④	⑤	⑥	⑦	⑧
87 - 297	C00 02 79	C00 22 11	K00 02 01	C00 07 01	Z00 23 02	G00 02 02	G00 02 03	G00 02 04
150 - 2400	C00 02 17	C00 23 01		Z00 23 01			G00 02 06	

기계 안에서 한층 더 쉽고, 완벽한 미크론(μ) 단위 치수 조정 !

...auch in der Maschine μ -genau verstellen - einfach fehlerfrei!

...adjustable in microns, even in the machine - easy and flawless!

...se règle sur la machine au μ près - très précis!



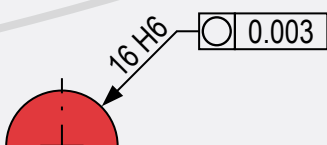
추가 장점 :

weitere Vorteile | further advantages | autres avantages

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> * 움직임의 직접 측정을 통한 고정밀도 * 큰 디지털 표시창으로 세팅 에러 없음 * 나쁜 조명 상태에서도 안전한 조작 (기계, 툴, 작업공간 등) * 쉬운 $\varnothing$/R, mm/inch 전환 * <겸용> 사용 : 또한 보링헤드의 범용 스케일로 작업할 수 있음 | <ul style="list-style-type: none"> · highest precision through direct measuring of the movement · big digital display, equals no setting errors · safe handling, even under bad lighting conditions (machine tool workspace, etc.) · easy to switch metric/Inch or Diameter/Radius · «Hybrid» usage - the boring heads also work conventionally with scale | <ul style="list-style-type: none"> · haute précision grâce à la mesure directe · grand écran digital, évite les erreurs de réglage · manipulation facile également lors de luminosité faible (Intérieur de machines etc.) · changement facile mètre/inch ainsi que diamètre/rayon · mode hybride - fonctionne également avec système analogique par le cadran |
|---|---|--|



made in Swi⁺zerland





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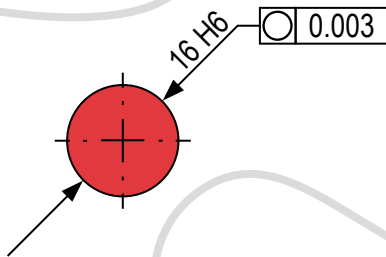
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울산사무소	TEL. 052-257-0661	FAX. 052-257-0689



UrmaCircoTec



UrmaDigiset



Ecoroll



Haas Automation