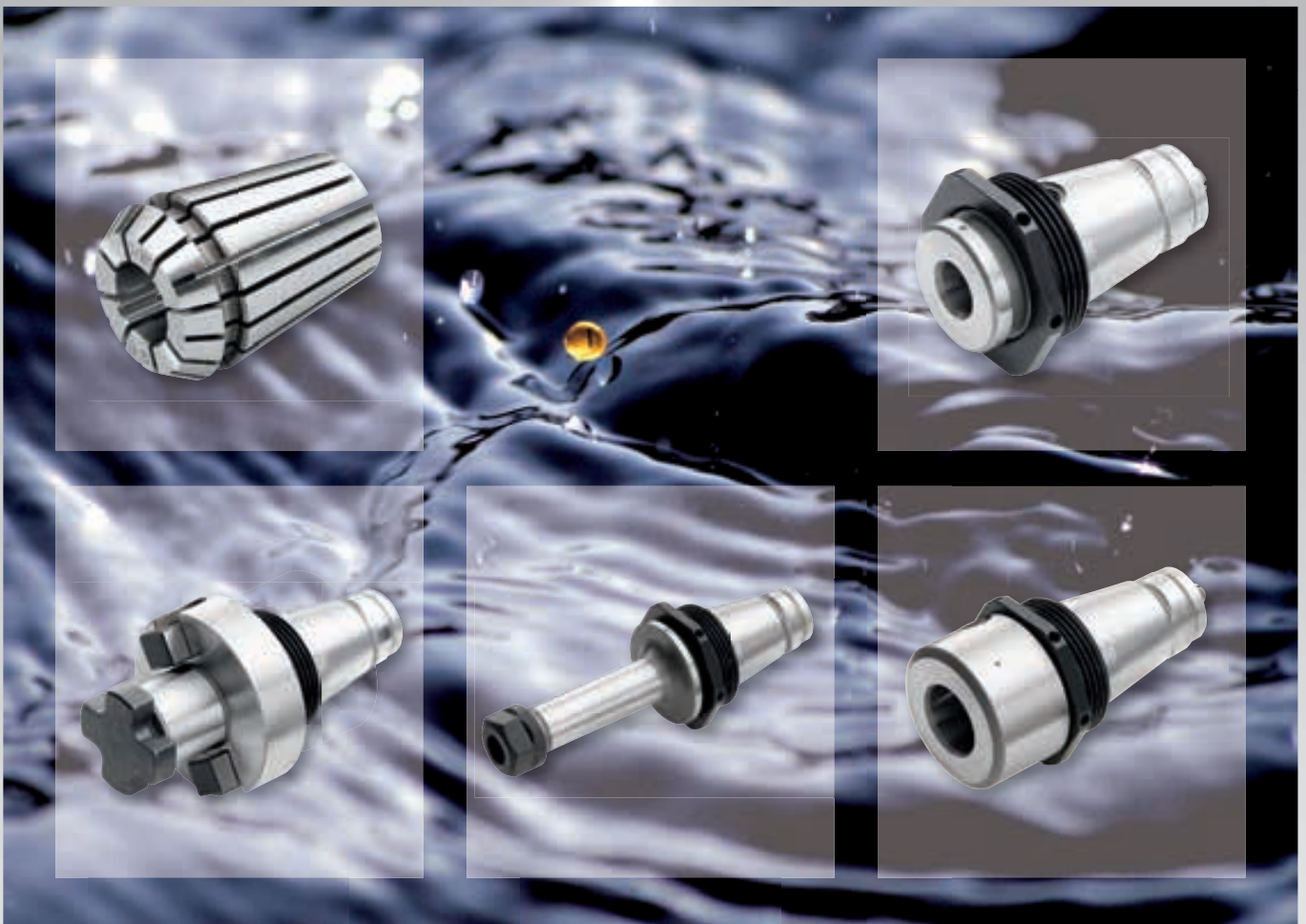


u-tec[®] UT

Our change system,
that makes EVERYTHING possible





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www.heimatec.com

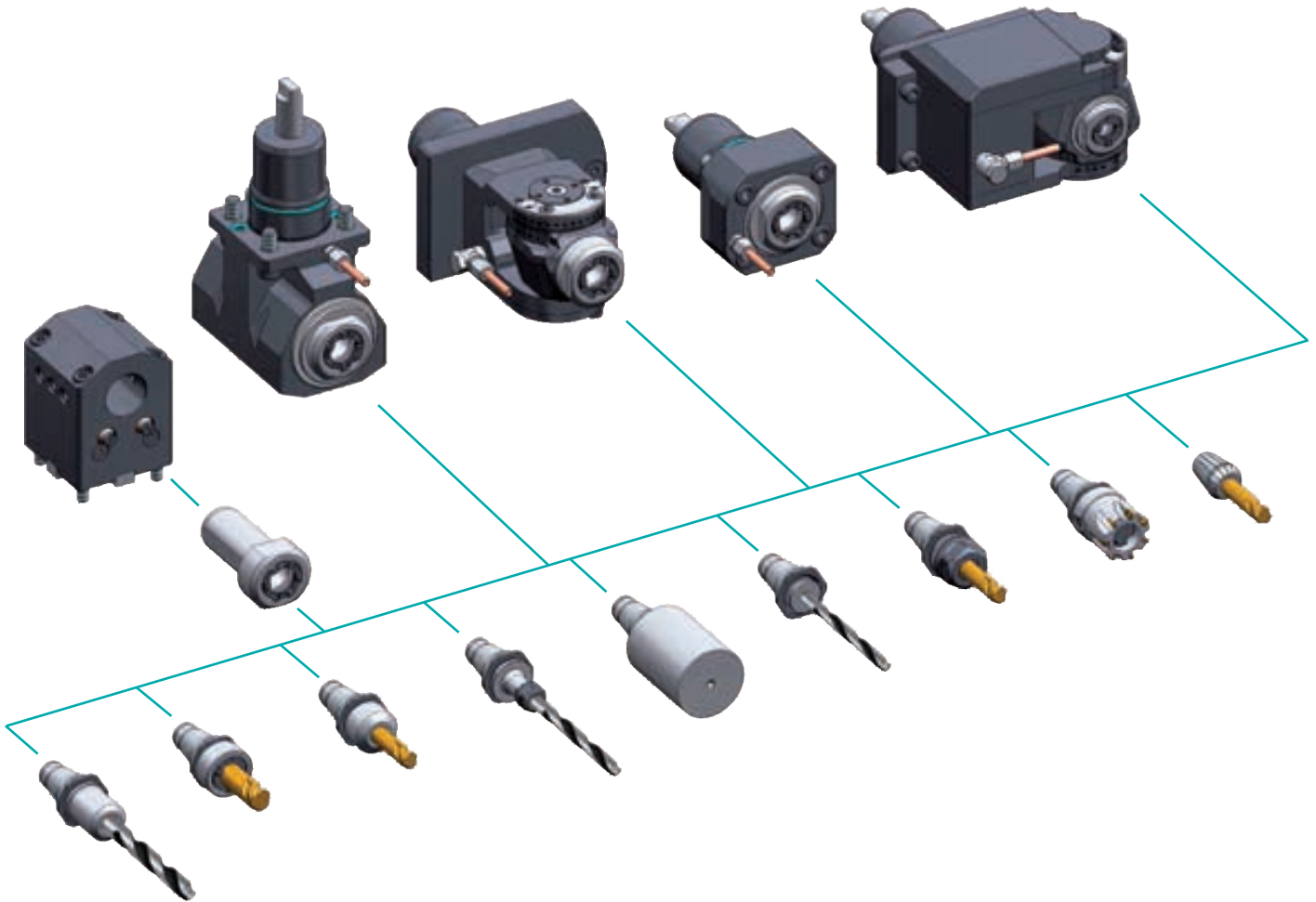
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type	page
u-tec info / mounting device UT / description of symbol	2
u-tec UT 16 A	5
u-tec UT 20 A	9
u-tec UT 25 A	13
u-tec UT 32 A	17
u-tec UT 40 A	21
u-tec accessory sheet	25

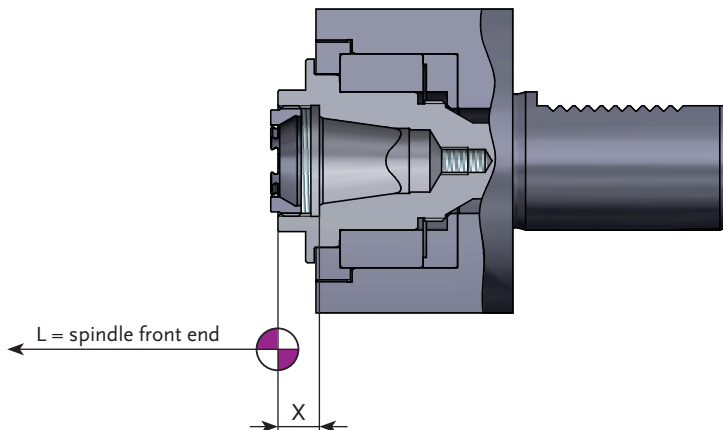
▶ application types



▶ definition of zero

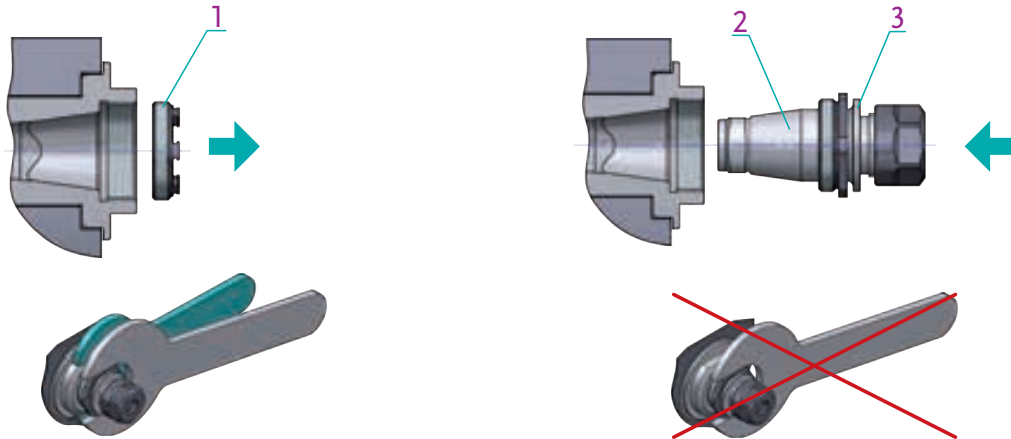
ER 16		ER 20		ER 25		ER 32		ER 40	
X	10	X	11	X	12	X	14	X	16

ER...A



► assembly u-tec

Remove collet nut (1) and store. The u-tec adapter (2) is clamped with a special collet nut (3). Clamp collet nut (3) properly by using a wrench to hold the tool spindle.



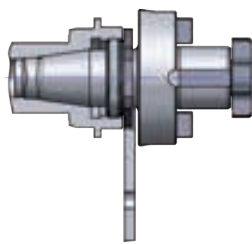
► disassembly u-tec

There are two different disassembling methods.

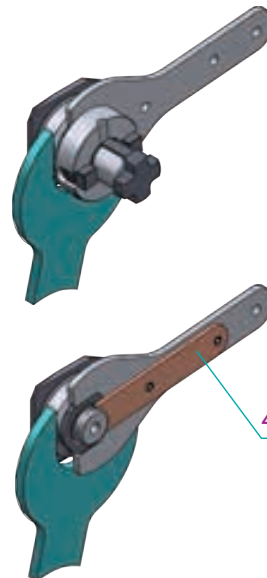
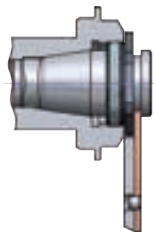
I: **adapter with impression flange**
Remove collet nut.

II: **adapter without impression flange**
Use special wrench (4).
Remove collet nut together with adapter.

I:



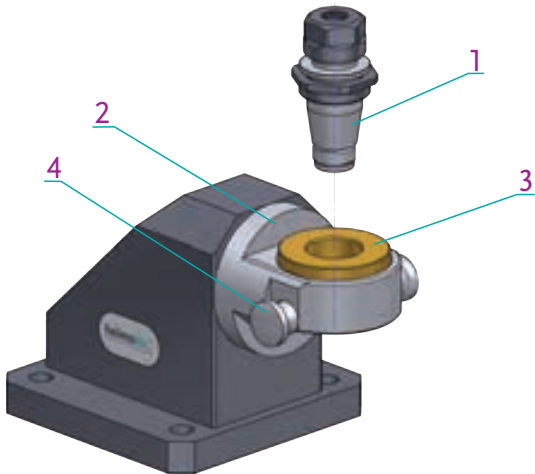
II:



recommended clamping torque for UT clamping nut

UT 16	UT 20	UT 25	UT 32	UT 40
40 Nm	55 Nm	60 Nm	80 Nm	100 Nm

Warning ! The maximum clamping torque should not extend more than 15% of the recommended clamp torque.

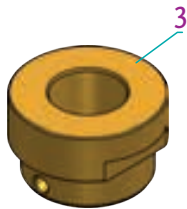


► mounting device

mounting device UT 8 710 95 001

For mounting cutters in various adaptors (1). Please place mounting device safely, in vice or mount on bench. The attachment (2) can be adjusted in 30° steps. The holding fixture (3) is held by locator pin (4). (left and right side operation)






More holding fixtures (3) available as options for adaptors (1) in various sizes and types.








► interchangeable bushings (3) available:

- UT 16 - 8 732 54 005
- UT 20 - 8 732 54 006
- UT 25 - 8 732 55 004
- UT 32 - 8 732 56 004
- UT 40 - 8 732 57 003

► description of symbol

symbols	accessory sheet
 ZB 655 ...*	set of wrenches
 ZB ER ...*	collets ER-DIN 6499
 ZB ET ...*	tapping collets ET-DIN 6499
 ZB GB ...*	tapping collets GB
 ZB 741 ...*	seal disks

symbols	accessory sheet
 ZB 620 ...*	milling arbor spacers
 ZB HT ...*	easy-quick
 ZB UT ...*	u-tec
 ZB 776 ...*	collet chuck
 ZB 73 ...*	reducing sleeves

► further versions on request

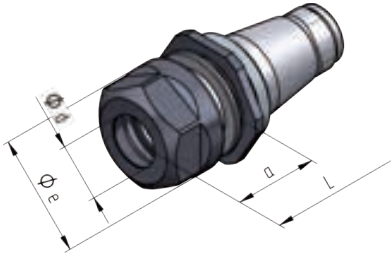
* not included in delivery

u-tec[®]



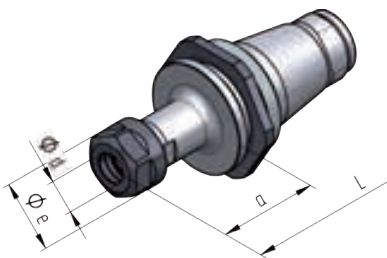
UT 16

▶ interface: UT 16 A



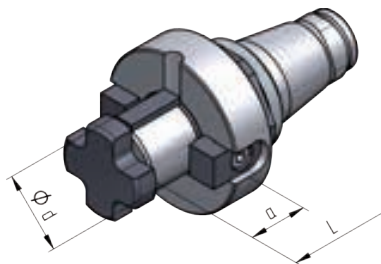
▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 43 005	0,5 - 7,0	19,0	14,1	21,5
ER 16	8 779 44 012	0,5 - 10,0	28,0	22,5	30,0



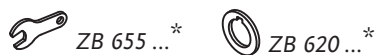
▶ collet chuck long

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 43 014	0,5 - 7,0	19,0	22,5	30,0
ER 11	8 779 43 015	0,5 - 7,0	19,0	52,5	60,0



▶ arbor

clamping system	ref.-no.	ø d [mm]	a [mm]	L [mm]
arbor 13	8 779 43 022	13,0	21,0	34,0
universal arbor 16	8 779 44 017	16,0	17,0	34,0
universal arbor ½"	8 779 43 020	½"	14,3	29,5



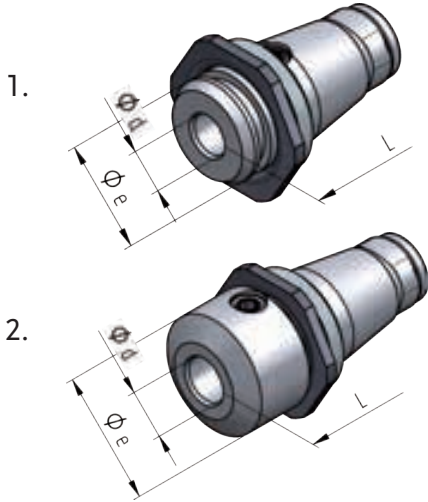
symbolic drawing

▶ further versions on request

* not included in delivery


ZB UT16 4 000

▶ interface: UT 16 A

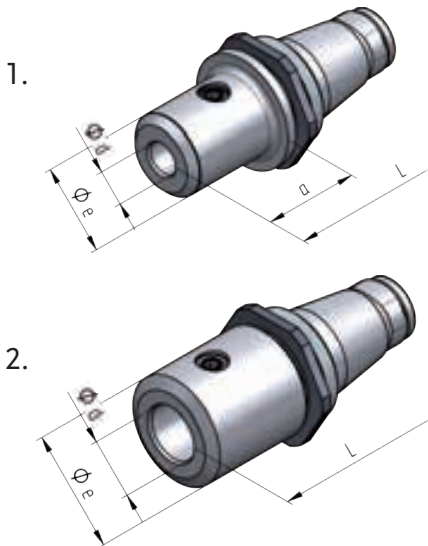


▶ Weldon

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	L [mm]	figure
Weldon 6	8 779 42 011	6,0	16,0	11,0	1
Weldon 8	8 779 43 016	8,0	24,0	22,5	2
Weldon 10	8 779 44 013	10,0	26,0	22,5	2
Weldon ¼"	8 779 42 013	¼"	16,0	11,0	1
Weldon ⅜"	8 779 43 018	⅜"	26,0	22,5	2

 ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request



▶ Weldon long

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	a [mm]	L [mm]	figure
Weldon 6	8 779 42 012	6,0	16,0	25,0	33,0	1
Weldon 8	8 779 43 017	8,0	24,0	-	33,0	2
Weldon 10	8 779 44 014	10,0	26,0	-	33,0	2
Weldon ¼"	8 779 42 014	¼"	16,0	25,0	33,0	1
Weldon ⅜"	8 779 43 019	⅜"	26,0	-	33,0	2

 ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request



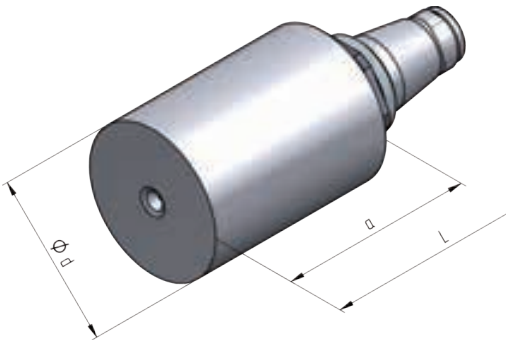
symbolic drawing

▶ further versions on request

* not included in delivery


ZB UT16 4 000

▶ interface: UT 16 A



▶ blank

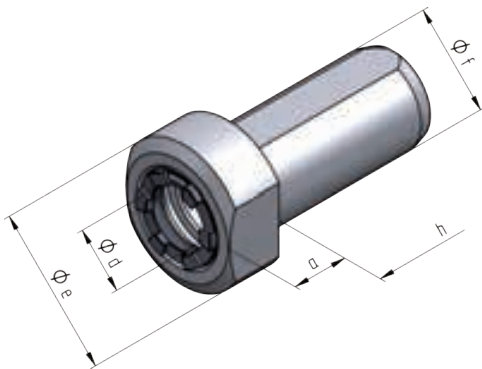
ref.-no.	$\varnothing d$ [mm]	a [mm]	L [mm]
8 779 49 002	41,0	62,9	100,0

 ZB 655 ...*

● material: 25 CrMo 4


hardening temperature: 840-870°C ; coolant: Polymer ; tempering: 1 hour 200°C ;
partial hardening if necessary: induction-hardening is possible
max. hardness which can be attained with this material ~ HV 470

u-tec UT 16



▶ collet chuck

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	$\varnothing f$ [mm]	a [mm]	h [mm]
ER 16 AX	8 776 14 004	0,5 - 10,0	38,0	20,0	20,0	65,0
ER 16 AX	8 776 24 005	0,5 - 10,0	38,0	25,0	13,0	65,0
ER 16 AX	8 776 24 007	0,5 - 10,0	38,0	3/4"	22,0	65,0

 ZB 655 ...*

 ZB ER ...*

 ZB ET ...*

 ZB GB ...*

 ZB 741 ...*



▶ locking nut

ref.-no.
8 745 99 000

 ZB 655 ...*



symbolic drawing

▶ further versions on request

* not included in delivery

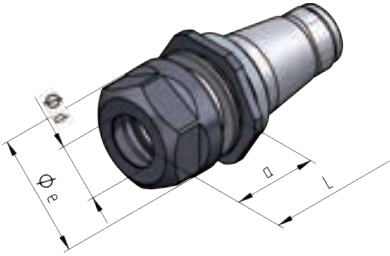
ZB UT16 4 000

u-tec[®]



UT 20

▶ interface: UT 20 A

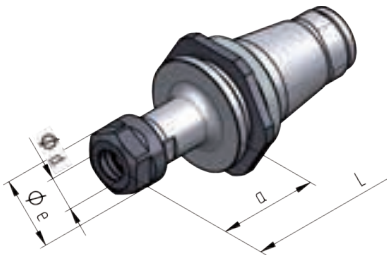


▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 43 006	0,5 - 7,0	19,0	14,1	22,5
ER 16	8 779 44 001	0,5 - 10,0	28,0	22,5	31,0
ER 20	8 779 44 002	0,5 - 13,0	34,0	24,0	32,5



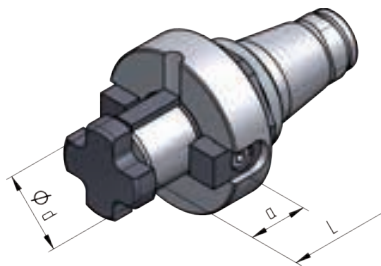
▶ collet chuck long



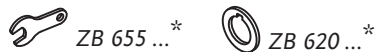
clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 43 007	0,5 - 7,0	19,0	21,5	30,0
ER 11	8 779 43 008	0,5 - 7,0	19,0	51,5	60,0



▶ arbor



clamping system	ref.-no.	ø d [mm]	a [mm]	L [mm]
arbor 13	8 779 43 023	13,0	21,0	34,5
universal arbor 16	8 779 44 011	16,0	17,0	34,5
universal arbor 22	8 779 45 001	22,0	19,0	38,5
universal arbor ½"	8 779 43 013	½"	14,3	30,0



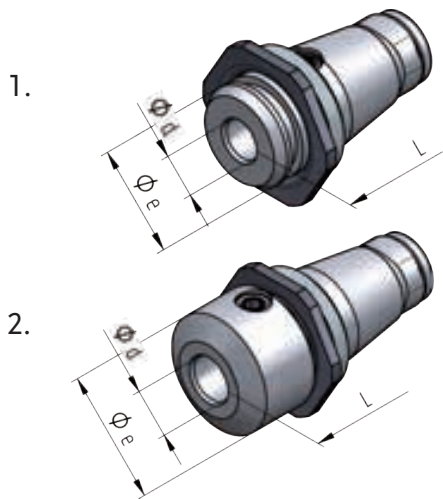
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT20 4 000

▶ interface: UT 20 A

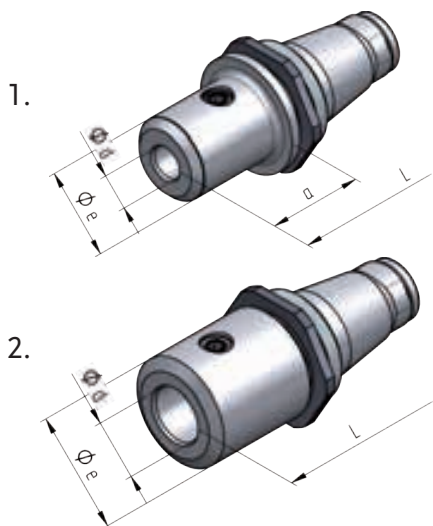


▶ Weldon

clamping system	ref.-no.	ϕd [mm]	ϕe [mm]	L [mm]	figure
Weldon 6	8 779 42 007	6,0	20,0	10,0	1
Weldon 8	8 779 43 009	8,0	20,0	10,0	1
Weldon 10	8 779 44 003	10,0	27,0	23,5	2
Weldon 12	8 779 44 005	12,0	27,0	26,0	2
Weldon ¼"	8 779 42 009	¼"	20,0	10,0	1
Weldon ⅜"	8 779 43 011	⅜"	27,0	23,5	2
Weldon ½"	8 779 44 008	½"	27,0	26,0	2

ZB 655 ...*

▶ further dimension from $\phi d=3$ mm on request



▶ Weldon long

clamping system	ref.-no.	ϕd [mm]	ϕe [mm]	a [mm]	L [mm]	figure
Weldon 6	8 779 42 008	6,0	16,0	24,0	33,0	1
Weldon 8	8 779 43 010	8,0	24,0	24,0	33,0	1
Weldon 10	8 779 44 004	10,0	27,0	-	33,0	2
Weldon 12	8 779 44 006	12,0	27,0	-	33,0	2
Weldon ¼"	8 779 42 010	¼"	16,0	24,0	33,0	1
Weldon ⅜"	8 779 43 012	⅜"	27,0	-	33,0	2
Weldon ½"	8 779 44 009	½"	27,0	-	33,0	2

ZB 655 ...*

▶ further dimension from $\phi d=3$ mm on request



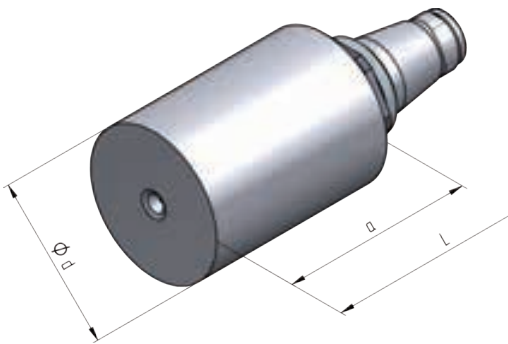
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT20 4 000

▶ interface: UT 20 A



▶ blank

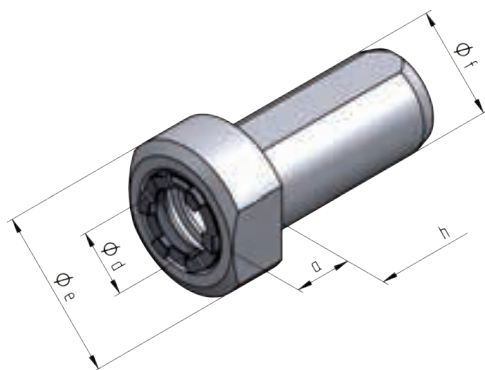
ref.-no.	ø d [mm]	a [mm]	L [mm]
8 779 49 003	51,0	59,5	105,0

ZB 655 ...*

● material: 25 CrMo 4

hardening temperature: 840-870°C ; coolant: Polymer ; tempering: 1 hour 200°C ;
partial hardening if necessary: induction-hardening is possible,
max. hardness which can be attained with this material ~ HV 470

u-tec UT 20



▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	ø f [mm]	a [mm]	h [mm]
ER 20 AX	8 776 24 006	0,5 - 13,0	42,0	25,0	17,0	65,0
ER 20 AX	8 776 34 004	0,5 - 13,0	42,0	32,0	14,0	65,0
ER 20 AX	8 776 24 008	0,5 - 13,0	42,0	1"	17,0	65,0

ZB 655 ...*

ZB ER ...*

ZB ET ...*

ZB GB ...*

ZB 741 ...*



▶ locking nut

ref.-no.
8 745 99 001

ZB 655 ...*



symbolic drawing

▶ further versions on request

* not included in delivery

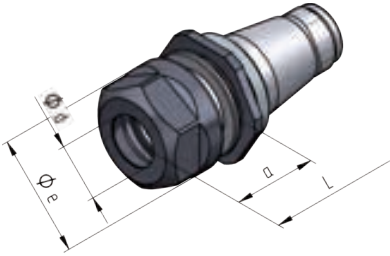
ZB UT20 4 000

u-tec[®]



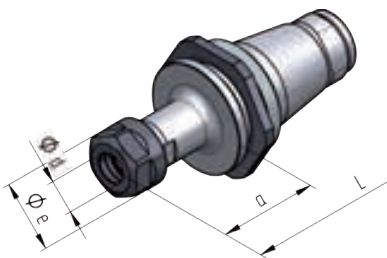
UT 25

▶ interface: UT 25 A



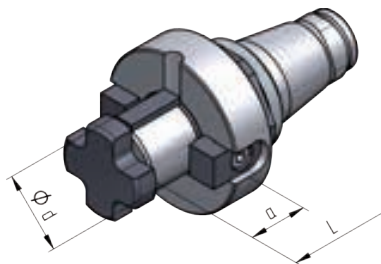
▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 16	8 779 54 013	0,5 - 10,0	28,0	22,5	31,0
ER 20	8 779 54 018	0,5 - 13,0	34,0	24,0	32,5
ER 25	8 779 55 005	0,5 - 16,0	42,0	25,0	34,5



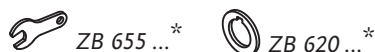
▶ collet chuck long

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 53 014	0,5 - 7,0	19,0	31,0	40,0
ER 11	8 779 53 015	0,5 - 7,0	19,0	61,0	70,0



▶ arbor

clamping system	ref.-no.	ø d [mm]	a [mm]	L [mm]
arbor 13	8 779 53 010	13,0	21,0	34,5
universal arbor 16	8 779 54 020	16,0	17,0	34,5
universal arbor 22	8 779 55 001	22,0	19,0	38,5
universal arbor 27	8 779 56 001	27,0	21,0	42,5
universal arbor ½"	8 779 53 022	½"	14,3	30,0
universal arbor ¾"	8 779 54 041	¾"	17,45	36,0



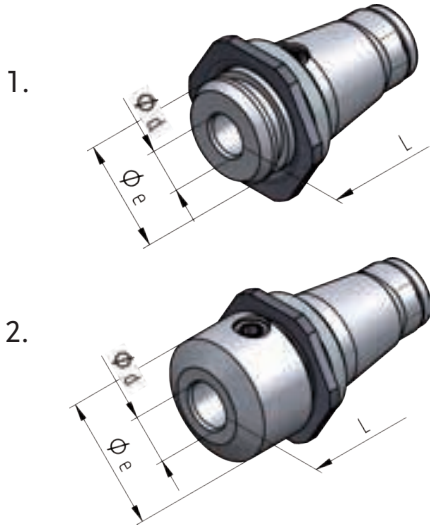
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT25 5 000

▶ interface: UT 25 A



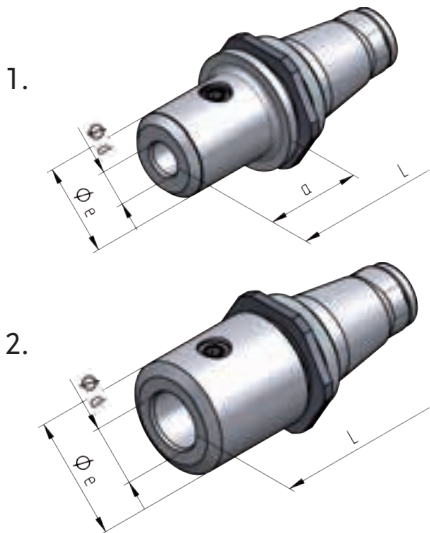
▶ Weldon

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	L [mm]	figure
Weldon 6	8 779 52 008	6,0	25,0	9,0	1
Weldon 8	8 779 53 016	8,0	25,0	9,0	1
Weldon 10	8 779 54 025	10,0	25,0	11,0	1
Weldon 12	8 779 54 022	12,0	32,0	26,0	2
Weldon 14	8 779 54 024	14,0	32,0	26,0	2
Weldon 16	8 779 55 003	16,0	32,0	26,0	2
Weldon ¼"	8 779 52 012	¼"	25,0	9,0	1
Weldon ⅜"	8 779 53 018	⅜"	25,0	11,0	1
Weldon ½"	8 779 54 037	½"	32,0	26,0	2
Weldon ⅝"	8 779 54 039	⅝"	32,0	26,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request

▶ Weldon long



clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	a [mm]	L [mm]	figure
Weldon 6	8 779 52 010	6,0	16,0	31,0	40,0	1
Weldon 8	8 779 53 020	8,0	24,0	31,0	40,0	1
Weldon 10	8 779 54 027	10,0	26,0	31,0	40,0	1
Weldon 12	8 779 54 029	12,0	28,0	31,0	40,0	1
Weldon 14	8 779 54 031	14,0	30,0	31,0	40,0	1
Weldon 16	8 779 55 007	16,0	32,0	-	40,0	2
Weldon ¼"	8 779 52 014	¼"	16,0	31,0	40,0	1
Weldon ⅜"	8 779 53 024	⅜"	26,0	31,0	40,0	1
Weldon ½"	8 779 54 033	½"	28,0	31,0	40,0	1
Weldon ⅝"	8 779 54 035	⅝"	32,0	-	40,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request



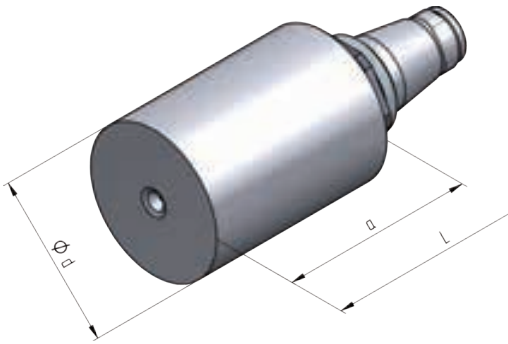
symbolic drawing

▶ further versions on request

* not included in delivery


ZB UT25 5 000

▶ interface: UT 25 A



▶ blank

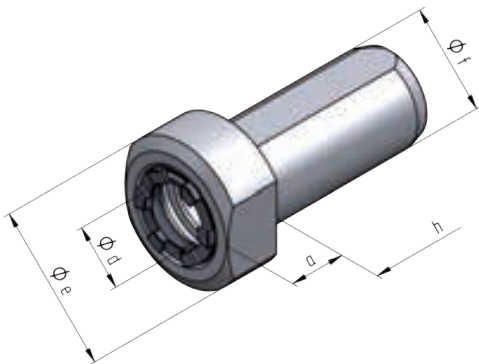
ref.-no.	ø d [mm]	a [mm]	L [mm]
8 779 59 003	52,0	70,0	120,0

 ZB 655 ...*

● material: 25 CrMo 4


hardening temperature: 840-870°C ; coolant: Polymer ; tempering: 1 hour 200°C ;
partial hardening if necessary: induction-hardening is possible,
max. hardness which can be attained with this material ~ HV 470

u-tec UT 25



▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	ø f [mm]	a [mm]	h [mm]
ER 25 AX	8 776 25 009	0,5 - 16,0	48,0	25,0	35,0	65,0
ER 25 AX	8 776 35 003	0,5 - 16,0	48,0	32,0	20,0	65,0
ER 25 AX	8 776 45 002	0,5 - 16,0	48,0	40,0	15,0	65,0
ER 25 AX	8 776 25 010	0,5 - 16,0	48,0	1"	35,0	65,0
ER 25 AX	8 776 25 011	0,5 - 16,0	48,0	1¼"	20,0	65,0

 ZB 655 ...*

 ZB ER ...*

 ZB ET ...*


 ZB GB ...*

 ZB 741 ...*



▶ locking nut

ref.-no.
8 745 99 002

 ZB 655 ...*



symbolic drawing

▶ further versions on request

* not included in delivery

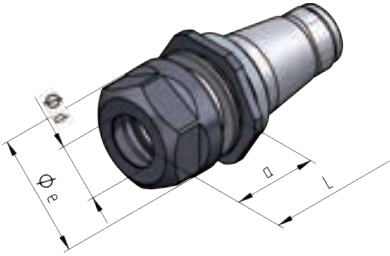
ZB UT25 5 000

u-tec[®]



UT32

▶ interface: UT 32 A

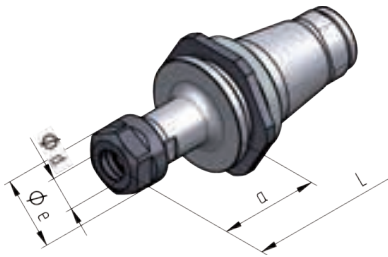


▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 16	8 779 64 039	0,5 - 10,0	28,0	22,5	32,5
ER 20	8 779 64 040	0,5 - 13,0	34,0	24,0	34,0
ER 25	8 779 65 010	0,5 - 16,0	42,0	25,0	35,0
ER 32	8 779 66 001	1,0 - 20,0	50,0	27,5	43,0



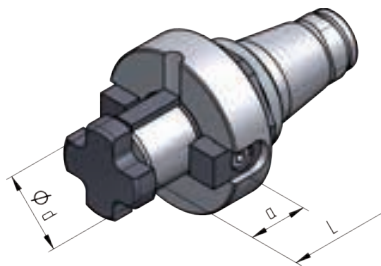
▶ collet chuck long



clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 63 018	0,5 - 7,0	19,0	35,0	45,0
ER 11	8 779 63 019	0,5 - 7,0	19,0	65,0	75,0
ER 16	8 779 64 041	0,5 - 10,0	28,0	35,0	45,0
ER 16	8 779 64 042	0,5 - 10,0	28,0	65,0	75,0



▶ arbor



clamping system	ref.-no.	ø d [mm]	a [mm]	L [mm]
universal arbor 16	8 779 64 049	16,0	17,0	35,5
universal arbor 22	8 779 65 015	22,0	19,0	38,5
universal arbor 27	8 779 66 004	27,0	21,0	43,5
universal arbor ½"	8 779 63 024	½"	14,3	31,0
universal arbor ¾"	8 779 64 054	¾"	17,45	37,0



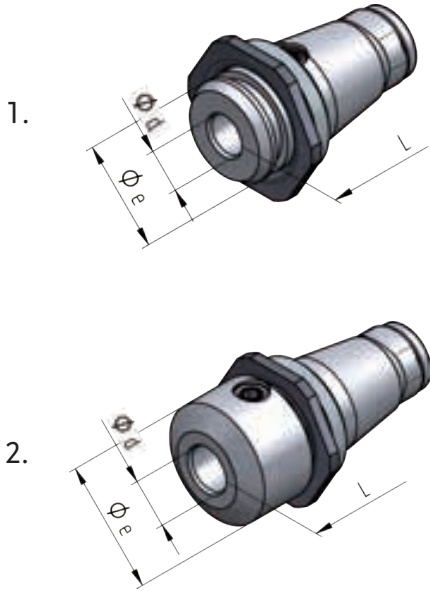
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT32 6 000

▶ interface: UT 32 A



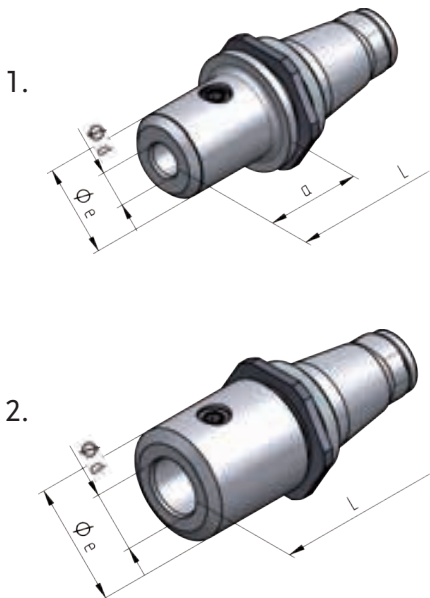
▶ Weldon

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	L [mm]	figure
Weldon 6	8 779 62 017	6,0	32,0	10,5	1
Weldon 8	8 779 63 020	8,0	32,0	11,5	1
Weldon 10	8 779 64 043	10,0	32,0	11,5	1
Weldon 12	8 779 64 044	12,0	32,0	14,0	1
Weldon 14	8 779 64 045	14,0	32,0	14,0	1
Weldon 16	8 779 65 011	16,0	32,0	14,0	1
Weldon 18	8 779 65 012	18,0	39,0	28,0	2
Weldon 20	8 779 66 002	20,0	39,0	28,0	2
Weldon ¼"	8 779 62 019	¼"	32,0	10,5	1
Weldon ⅜"	8 779 63 022	⅜"	32,0	11,5	1
Weldon ½"	8 779 64 050	½"	32,0	14,0	1
Weldon ⅝"	8 779 64 051	⅝"	32,0	14,0	1
Weldon ¾"	8 779 65 016	¾"	39,0	28,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request

▶ Weldon long



clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	a [mm]	L [mm]	figure
Weldon 6	8 779 62 018	6,0	16,0	30,0	40,0	1
Weldon 8	8 779 63 021	8,0	24,0	30,0	40,0	1
Weldon 10	8 779 64 046	10,0	26,0	30,0	40,0	1
Weldon 12	8 779 64 047	12,0	28,0	30,0	40,0	1
Weldon 14	8 779 64 048	14,0	30,0	30,0	40,0	1
Weldon 16	8 779 65 013	16,0	32,0	30,0	40,0	1
Weldon 18	8 779 65 014	18,0	34,0	30,0	40,0	1
Weldon 20	8 779 66 003	20,0	39,0	-	40,0	2
Weldon ¼"	8 779 62 020	¼"	16,0	30,0	40,0	1
Weldon ⅜"	8 779 63 023	⅜"	26,0	30,0	40,0	1
Weldon ½"	8 779 64 052	½"	28,0	30,0	40,0	1
Weldon ⅝"	8 779 64 053	⅝"	32,0	30,0	40,0	1
Weldon ¾"	8 779 65 017	¾"	39,0	-	40,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request



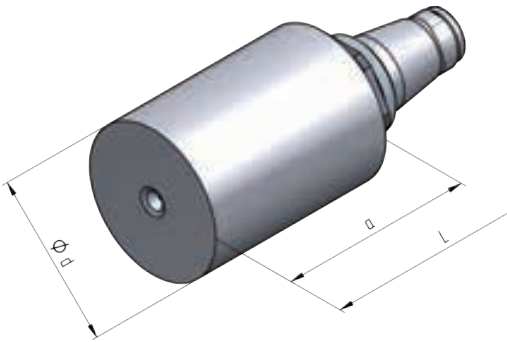
symbolic drawing

▶ further versions on request

* not included in delivery


ZB UT32 6 000

▶ interface: UT 32 A

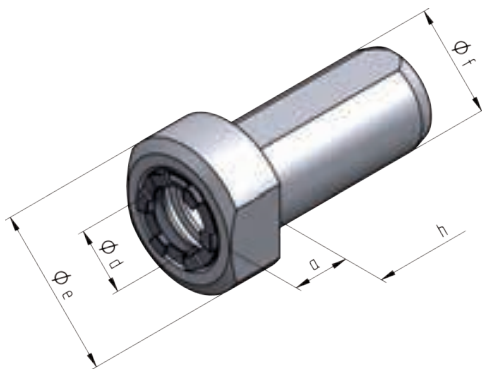


▶ blank

ref.-no.	ø d [mm]	a [mm]	L [mm]
8 779 69 011	52,0	73,5	130,0

 ZB 655 ...*

- material: 25 CrMo 4
hardening temperature: 840-870°C ; coolant: Polymer ; tempering: 1 hour 200°C ;
partial hardening if necessary: induction-hardening is possible,
max. hardness which can be attained with this material ~ HV 470



▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	ø f [mm]	a [mm]	h [mm]
ER 32 AX	8 776 36 004	1,0 - 20,0	58,0	32,0	40,0	65,0
ER 32 AX	8 776 46 003	1,0 - 20,0	58,0	40,0	20,0	65,0
ER 32 AX	8 776 26 003	1,0 - 20,0	58,0	1¼"	46,0	65,0
ER 32 AX	8 776 36 005	1,0 - 20,0	58,0	1½"	20,0	65,0

 ZB 655 ...*  ZB ER ...*  ZB ET ...*  ZB GB ...*
 ZB 741 ...*



▶ locking nut

ref.-no.
8 745 99 003

 ZB 655 ...*



symbolic drawing

▶ further versions on request

* not included in delivery

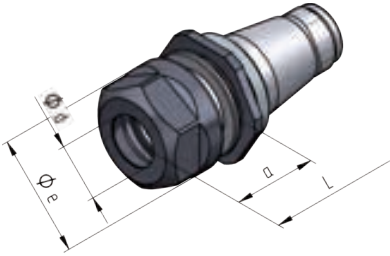
ZB UT32 6 000

u-tec[®]



UT 40

▶ interface: UT 40 A

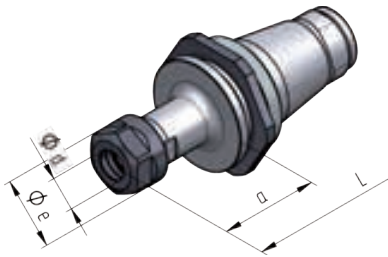


▶ collet chuck

clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 16	8 779 74 027	0,5 - 10,0	28,0	22,5	34,0
ER 20	8 779 74 028	0,5 - 13,0	34,0	24,0	35,5
ER 25	8 779 75 014	0,5 - 16,0	42,0	25,0	36,5
ER 32	8 779 76 008	1,0 - 20,0	50,0	27,5	39,0
ER 40	8 779 77 001	2,0 - 30,0	63,0	30,5	48,0



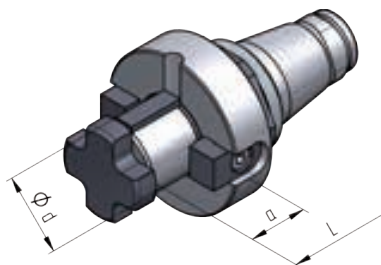
▶ collet chuck long



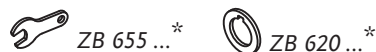
clamping system	ref.-no.	ø d [mm]	ø e [mm]	a [mm]	L [mm]
ER 11	8 779 73 006	0,5 - 7,0	19,0	48,0	60,0
ER 11	8 779 73 007	0,5 - 7,0	19,0	68,0	80,0
ER 16	8 779 74 029	0,5 - 10,0	28,0	48,0	60,0
ER 16	8 779 74 030	0,5 - 10,0	28,0	68,0	80,0
ER 20	8 779 74 031	0,5 - 13,0	34,0	48,0	60,0
ER 20	8 779 74 032	0,5 - 13,0	34,0	68,0	80,0
ER 25	8 779 75 015	0,5 - 16,0	42,0	48,0	60,0
ER 25	8 779 75 016	0,5 - 16,0	42,0	68,0	80,0



▶ arbor



clamping system	ref.-no.	ø d [mm]	a [mm]	L [mm]
universal arbor 16	8 779 74 043	16,0	17,0	36,5
universal arbor 22	8 779 75 023	22,0	19,0	39,5
universal arbor 27	8 779 76 011	27,0	21,0	44,5
universal arbor ½"	8 779 73 012	½"	14,3	32,0
universal arbor ¾"	8 779 74 044	¾"	17,45	38,0



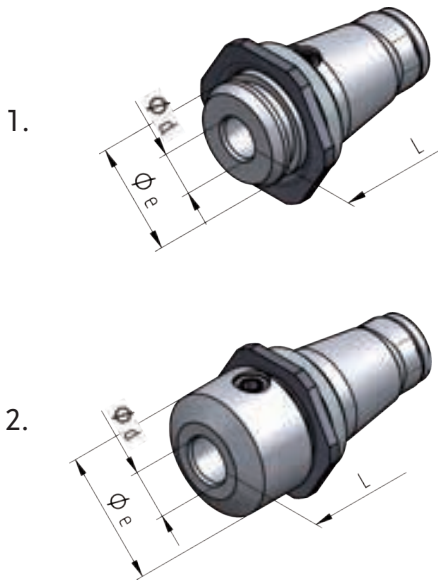
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT40 7 000

▶ interface: UT 40 A



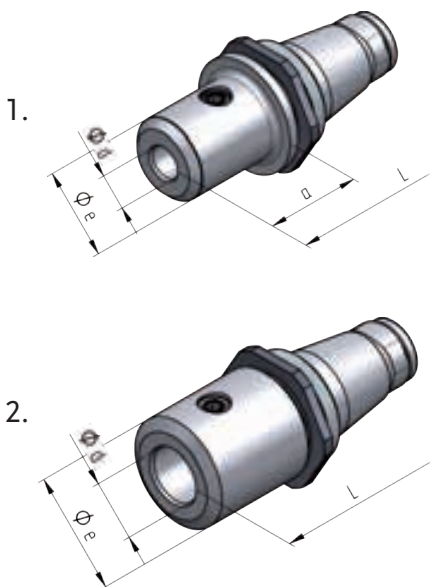
▶ Weldon

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	L [mm]	figure
Weldon 6	8 779 72 008	6,0	40,0	11,5	1
Weldon 8	8 779 73 008	8,0	40,0	11,5	1
Weldon 10	8 779 74 033	10,0	40,0	11,5	1
Weldon 12	8 779 74 034	12,0	40,0	12,5	1
Weldon 14	8 779 74 035	14,0	40,0	12,5	1
Weldon 16	8 779 75 017	16,0	40,0	12,5	1
Weldon 18	8 779 75 018	18,0	40,0	13,5	1
Weldon 20	8 779 76 009	20,0	40,0	13,5	1
Weldon 25	8 779 77 002	25,0	47,0	32,0	2
Weldon ¼"	8 779 72 010	¼"	40,0	11,5	1
Weldon ⅜"	8 779 73 010	⅜"	40,0	11,5	1
Weldon ½"	8 779 74 039	½"	40,0	12,5	1
Weldon ⅝"	8 779 74 040	⅝"	40,0	12,5	1
Weldon ¾"	8 779 75 021	¾"	40,0	13,5	1
Weldon 1"	8 779 77 004	1"	47,0	32,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request

▶ Weldon long



clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	a [mm]	L [mm]	figure
Weldon 6	8 779 72 009	6,0	16,0	28,0	40,0	1
Weldon 8	8 779 73 009	8,0	24,0	28,0	40,0	1
Weldon 10	8 779 74 036	10,0	26,0	28,0	40,0	1
Weldon 12	8 779 74 037	12,0	28,0	28,0	40,0	1
Weldon 14	8 779 74 038	14,0	30,0	28,0	40,0	1
Weldon 16	8 779 75 019	16,0	32,0	28,0	40,0	1
Weldon 18	8 779 75 020	18,0	34,0	28,0	40,0	1
Weldon 20	8 779 76 010	20,0	39,0	28,0	40,0	1
Weldon 25	8 779 77 003	25,0	47,0	-	40,0	2
Weldon ¼"	8 779 72 011	¼"	16,0	28,0	40,0	1
Weldon ⅜"	8 779 73 011	⅜"	26,0	28,0	40,0	1
Weldon ½"	8 779 74 041	½"	28,0	28,0	40,0	1
Weldon ⅝"	8 779 74 042	⅝"	32,0	28,0	40,0	1
Weldon ¾"	8 779 75 022	¾"	39,0	28,0	40,0	1
Weldon 1"	8 779 77 005	1"	47,0	-	40,0	2

ZB 655 ...*

▶ further dimension from $\varnothing d=3$ mm on request



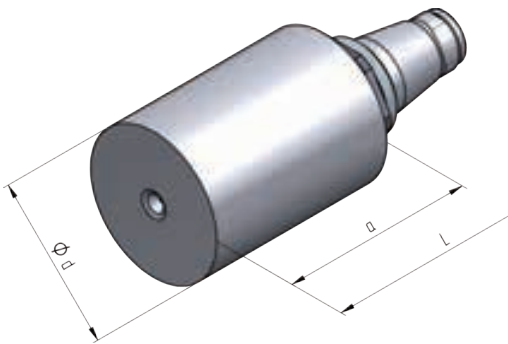
symbolic drawing

▶ further versions on request

* not included in delivery

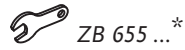
ZB UT40 7 000

interface: UT 40 A



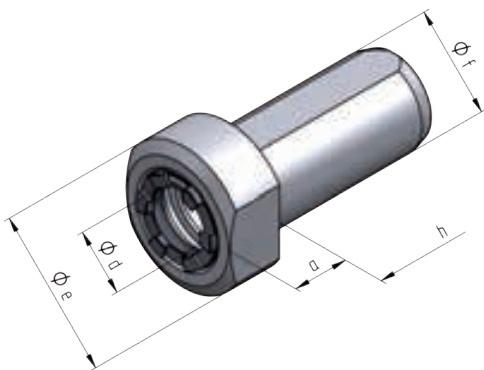
▶ blank

ref.-no.	$\varnothing d$ [mm]	a [mm]	L [mm]
8 779 79 004	52,0	73,5	130,0



● material: 25 CrMo 4

hardening temperature: 840-870°C ; coolant: Polymer ; tempering: 1 hour 200°C ;
partial hardening if necessary: induction-hardening is possible
max. hardness which can be attained with this material ~ HV 470



▶ collet chuck

clamping system	ref.-no.	$\varnothing d$ [mm]	$\varnothing e$ [mm]	$\varnothing f$ [mm]	a [mm]	h [mm]
ER 40 AX	8 776 47 003	2,0 - 30,0	75,0	40,0	45,0	65,0
ER 40 AX	8 776 57 002	2,0 - 30,0	75,0	50,0	23,0	82,5
ER 40 AX	8 776 37 001	2,0 - 30,0	75,0	1½"	55,0	65,0
ER 40 AX	8 776 57 003	2,0 - 30,0	75,0	2"	23,0	82,5



▶ locking nut

ref.-no.
8 745 99 004



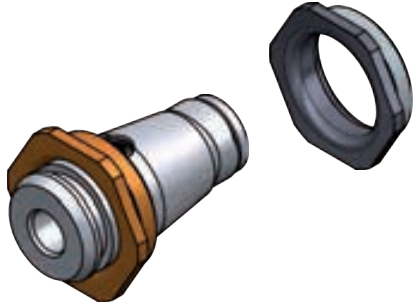
symbolic drawing

▶ further versions on request

* not included in delivery

ZB UT40 7 000

▶ accessories:



▶ clamping nut

ref.-no.	for change system
8 745 99 005	u-tec 16
8 745 99 006	u-tec 20
8 745 99 007	u-tec 25
8 745 99 008	u-tec 32
8 745 99 009	u-tec 40



▶ snap ring

ref.-no.	for change system
8 706 99 000	u-tec 16
8 706 99 001	u-tec 20
8 706 99 002	u-tec 25
8 706 99 003	u-tec 32
8 706 99 004	u-tec 40



▶ wrench

ref.-no.	for change system
8 796 99 000	u-tec 16
8 796 99 001	u-tec 20
8 796 99 002	u-tec 25
8 796 99 003	u-tec 32
8 796 99 004	u-tec 40



▶ stripper plate

ref.-no.		for change system				
		u-tec 16	u-tec 20	u-tec 25	u-tec 32	u-tec 40
8 796 99 005	small	✓	✓			
8 796 99 006	large			✓	✓	✓



symbolic drawing

▶ further versions on request

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