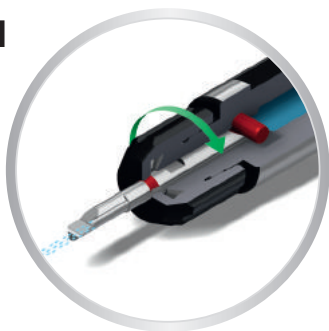
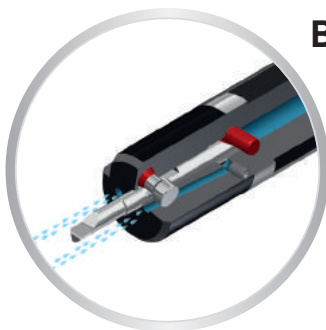


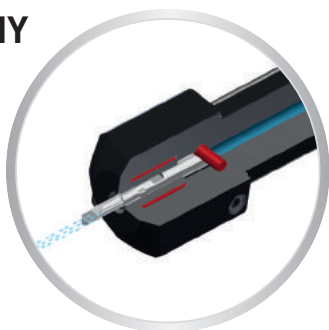
BH



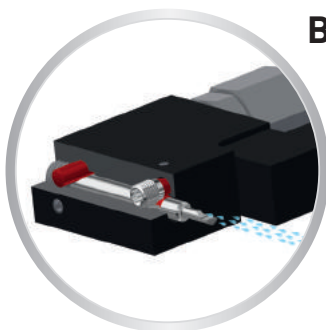
BHS



BHY



BHK

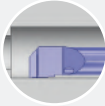


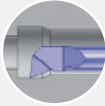
Index

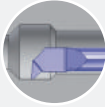
Système de désignation Bezeichnungssystem Designation system	Info	> 10.02
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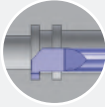
Nuances & paramètres de coupe Sorten & Schnittwerte Grades & machining data		> 10.08
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Porte-outils Halter Holders	BH / BHS / BHY / BHK	> 10.10
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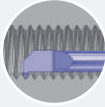
Alésage Ausbohren Boring	BA / BAX	 > 10.20
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Alésage-copiage Ausbohren-kopieren Boring chambering	BCX	 > 10.24
--	------------	--

Copiage Kopieren Chambering	C45 / C45X	 > 10.26
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Gorge Einstechen Grooving	GX	 > 10.30
---------------------------------	-----------	--

Fonçage-tournage Einstechen und drehen Grooving and turning	GTX	 > 10.32
---	------------	--

Filetage Gewindedrehen Threading	TP60° / TP55° / TM	 > 10.34
--	---------------------------	--

Gorge frontale Axiales Stechen Axial grooving	FEG / FIG	  > 10.40
---	------------------	--

Ébauches / Jauges d'alignement / Adaptations machines / Accessoires Rohlinge / Richtplatten / Maschinenanpassungen / Zubehöre Blanks / Adjusting tools / Machines adapters / Accessories		> 10.42
--	--	---------



H



HS



HY

B H 4 - D 20 - 100

Ligne produit d'alésage
Innendreihen Produktlinie
Boring product line

Porte-outils
Halter
Holders

Ø alésage
Bohrung Ø
Bore Ø

Queue cylindrique
Zylindrischer Schaft
Cylindrical shank

Ø/∅ queue
Schaft Ø/∅
Shank Ø/∅

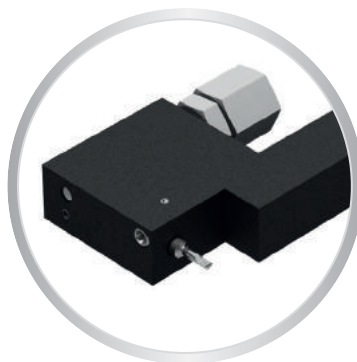
Longueur
Länge
Length

Système de désignation des porte-outils

Halter Bezeichnungssystem

Holders designation system

BHK



HK

B	HK	4	N	-	20	-	32R
---	----	---	---	---	----	---	-----

Barres d'alésages compatibles (longueur L3)
Kompatible Bohrstangen (Länge L3)
Compatible boring bars (length L3)

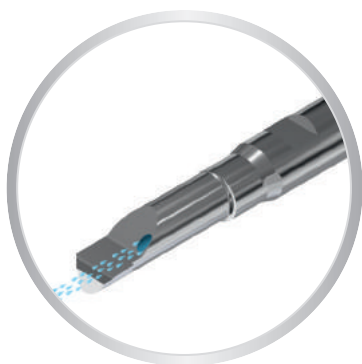
∅ queue
Schaft ∅
Shank ∅

Géométrie du porte-outil
Haltergeometrie
Tool holder geometry

∅ alésage
Bohrung ∅
Bore ∅

Porte-outils
Halter
Holders

Ligne produit d'alésage
Innendrehen Produktlinie
Boring product line



B

F

B

B

4

R

-

25

-

75

-

BAX

-

R05

-

ZN

Longueur utile
Effective Nutzlänge
Length

Ø minimum
Minimal Ø
Minimum Ø

Exécution R/L
Ausführung R/L
Execution R/L

Ø queue
Schaft Ø
Shank Ø

B = arrosage intégré
B = integrierter Kühlmittelzufuhr
B = integrated coolant supply

F = sans arrosage
F = ohne Kühlung
F = without coolant

Ligne produit d'alésage
Innendrehen Produktlinie
Boring product line

Géométries de coupe
Schneidgeometrien
Cutting geometries

Indication complémentaire
Zusätzliche Angabe
Additional indication

R = rayon / Radius / radius

Nuance
Sorte
Grade

Porte-outils avec écrou de serrage

Halter mit Spannmutter

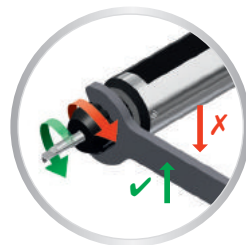
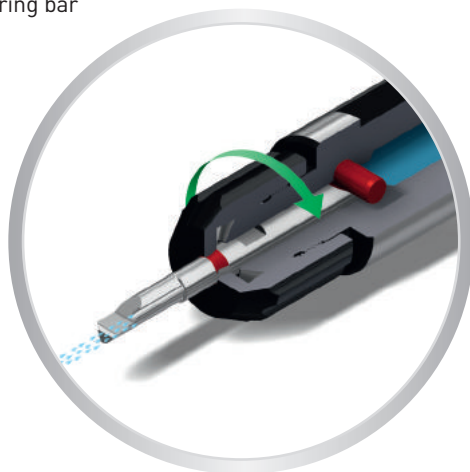
Tool holders with clamping nut

BH-D

Arrosage par la barre d'alésage

Kühlung durch die Bohrstange

Cooling through the boring bar



Porte-outils avec arrosage multiple

Halter mit mehrfaches Kühlungssystem

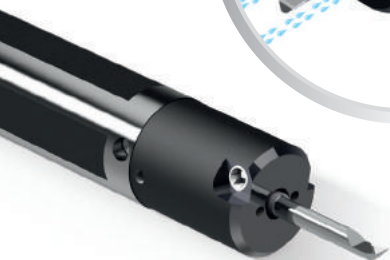
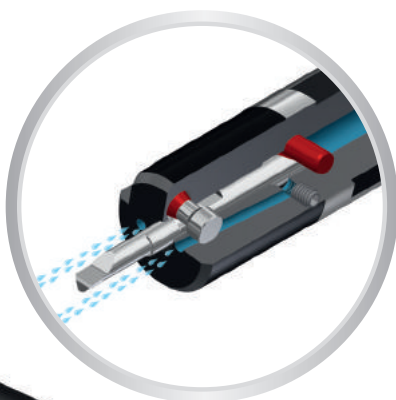
Tool holders with multiple coolant system

BHS-D

Système de serrage à vis transversale

Querverschraubungsspannsystem

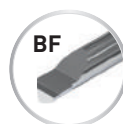
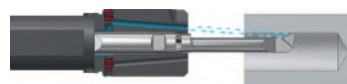
Clamping system with transverse screw



Arrosage sur l'arête de coupe

Kühlung auf der Schneidkante

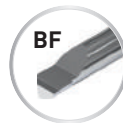
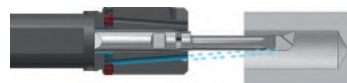
Cooling on the cutting edge



Arrosage favorisant l'évacuation des copeaux

Spanabfuhr fördernde Kühlung

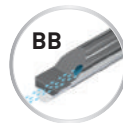
Cooling for better chip outflow



Arrosage par le centre de l'outil

Zentrale Kühlmittelzufuhr

Cooling through the center of the tool



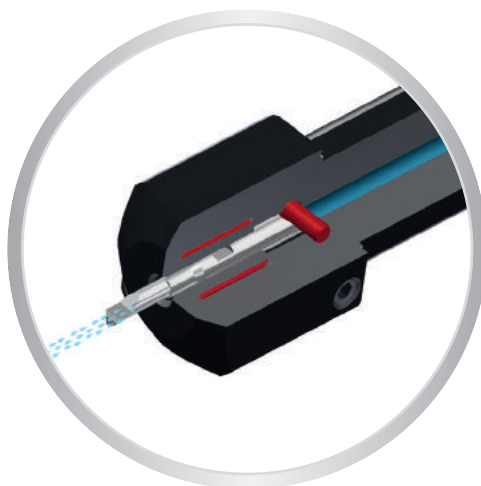
Porte-outils à serrage hydraulique
Halter mit Hydro-Dehnspann-System
Tool holders with hydraulic clamping system

BHY



Excellente absorption des vibrations!
 Ausgezeichnete Schwingungsdämpfung!
 Excellent vibration absorbtion!

Arrosage par la barre d'alésage
 Kühlung durch die Bohrstange
 Cooling through the boring bar

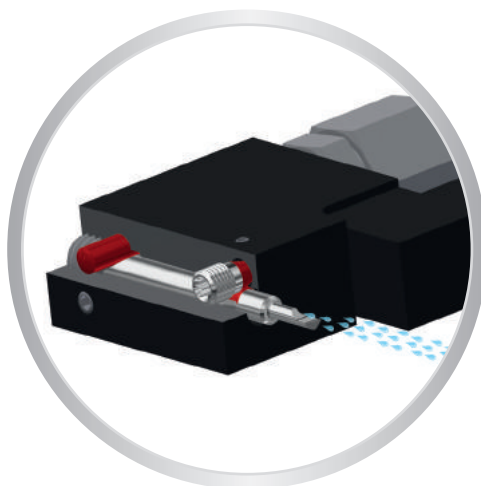
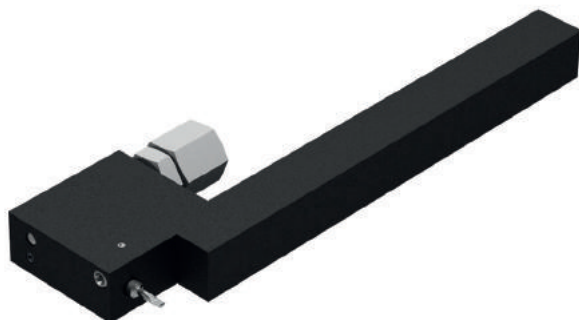


Porte-outils coudés
Gekröpfte Halter
Cranked tool holders

BHK

Système de serrage à vis transversale
 Querverschraubungssystem
 Clamping system with transverse screw

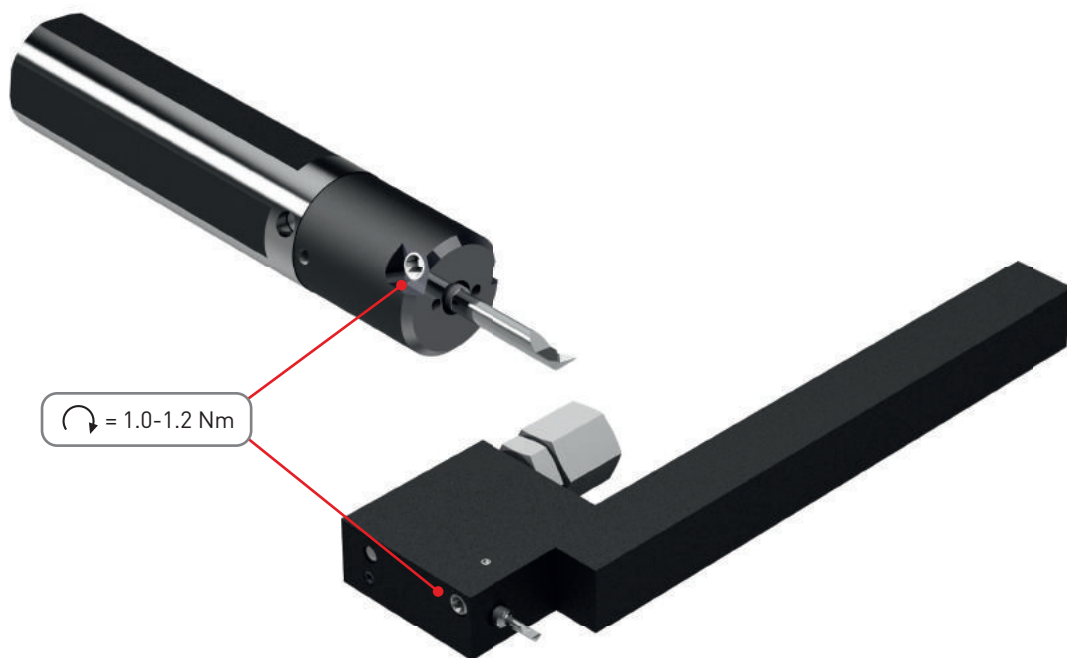
Arrosage par la barre d'alésage
 Kühlung durch die Bohrstange
 Cooling through the boring bar



Accessoires de serrage

Spannzubehöre

Clamping accessories



Nous recommandons le serrage des porte-outils types BHS et BHK avec ce type de tournevis dynamométrique.

Wir empfehlen für das Anziehen der Halter Typ BHS und BHK diese Art von Drehmomentschraubendreher.

For holders type BHS and BHK clamping, we recommend this kind of torque screwdriver.



Art. N°

SET-NM1.2-TX8

Nuances

Sorten

Grades

P

M

N

S

ZTAF

ZN + revêtement PVD
ZN + PVD Beschichtung
ZN + PVD coating

- nuance universelle pour l'usinage des aciers, aciers inoxydables, aciers alliés, alliage de titane
- bonne résistance à la température

- Universalsorte für die Bearbeitung von Stahl, rostfreiem Stahl, Stahllegierung, Titanlegierung
- gute Warmfestigkeit

- universal grade for steel, stainless steel, alloyed steel, titanium alloys
- good heat resistance

P

M

S

ZTAXF

ZN + revêtement PVD
ZN + PVD Beschichtung
ZN + PVD coating

- nuance très résistante à l'usure et à la température, recommandée pour l'usinage des matières suivantes: Inox 304, 316L, 317L, 904, Phynox
- aciers alliés contenant: Chrome Nickel, Vanadium, Molybdène, ...

- sehr verschleissfeste und temperaturbeständige Sorte. Für folgende Materialien empfohlen: Inox 304, 316L, 317L, 904, Phynox
- legierter Stahl enthaltend: Chrom-Nickel, Vanadium, Molybdän, ...

- very wear and high temperature resistant grade. Recommended for following material: Inox 304, 316L, 317L, 904, Phynox
- alloy steel containing: Chrome-nickel, Vanadium, Molybdenum, ...

P

N

S

ZN

non revêtu
unbeschichtet
uncoated

- nuance de base micro-grain tenace
- 1^{er} choix pour l'usinage des métaux non ferreux

- zähe Basis Feinkornsorte
- beste Wahl für die Bearbeitung von Nichteisenmetalle

- tough base micro-grain grade
- first choice for non-ferrous materials

Paramètres de coupe

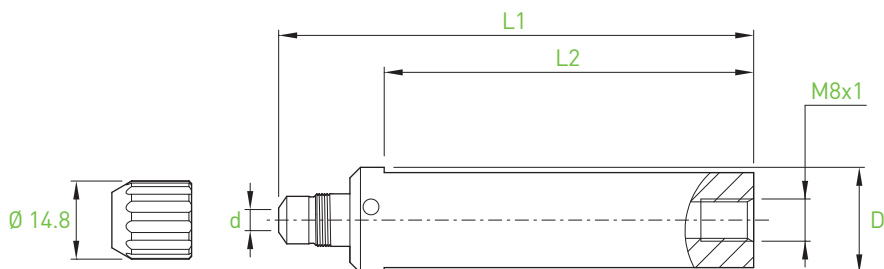
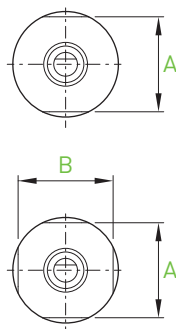
Schnittwerte

Machining data

Matière Werkstoff Material	VC (m/min)	Ø barre d'alésage Bohrstange Ø boring bar Ø		
		Ø1.0 - Ø2.0 (mm/U)	Ø2.5 - Ø4.0 (mm/U)	Ø4.5 - Ø5.5 (mm/U)
Acier de décolletage Automatenstahl Free-cutting steel (P)	60-100	0.02-0.03	0.02-0.08	0.03-0.10
Acier faiblement allié Leicht legierter Stahl Low alloyed steel (P)	50-80	0.01-0.03	0.02-0.05	0.03-0.06
Acier fortement allié Legierter Stahl High alloyed steel (P)	40-60	0.01-0.02	0.02-0.04	0.02-0.06
Acier inoxydable Rostfreistahl Stainless steel (M)	40-90	0.01-0.03	0.02-0.05	0.03-0.08
Aluminium (N)	60-150	0.01-0.03	0.02-0.06	0.03-0.10
Cuivre, laiton, bronze Kupfer, Messing, Bronze Copper, brass, bronze (N)	60-150	0.01-0.03	0.02-0.05	0.03-0.08
Titane Titan Titanium (S)	30-70	0.01-0.03	0.02-0.05	0.03-0.10



> page 10.05

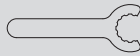


d	Bars	D	L1	L2	A x B	2 flats	4 flats	Art. N°
4	BB4... BF4...	10	75	55	8.8x8.8	■		BH4-D10-75
		12	75	55	11.2x11.2	■		BH4-D12-75
		12.7	75	55	11.2x11.2	■		BH4-D12.7-75
		15.87	75	55	14x14	■		BH4-D15.87-75
		16	75	55	14x14	■		BH4-D16-75
		16	75	55	14x14		■	BH4-D16-75-F4
		19.05	90	70	17x17	■		BH4-D19.05-90
		20	90	70	18x18	■		BH4-D20-90
		20	90	70	18x18		■	BH4-D20-90-F4
		20	160	140	18x18		■	BH4-D20-160-F4
		22	90	70	20x20	■		BH4-D22-90
		22	90	70	20x20		■	BH4-D22-90-F4
		22	130	110	20x20		■	BH4-D22-130-F4
		25	100	80	23x23	■		BH4-D25-100
		25	100	80	23x23		■	BH4-D25-100-F4
		25	170	150	23x23		■	BH4-D25-170-F4
		25.4	100	80	23.4x23.4	■		BH4-D25.4-100
		28	100	80	26x26	■		BH4-D28-100

Pièces de rechange
Ersatzteile
Spare parts

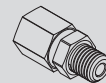


Art. N°



Art. N°

Option



Art. N°

BH4...

BH4-M10

C-BH4-M10

BH4...

J-M8X1-D6

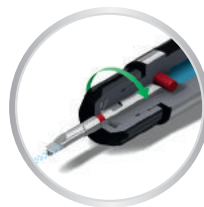
more option
see JET-Line

Porte-outils avec écrou de serrage

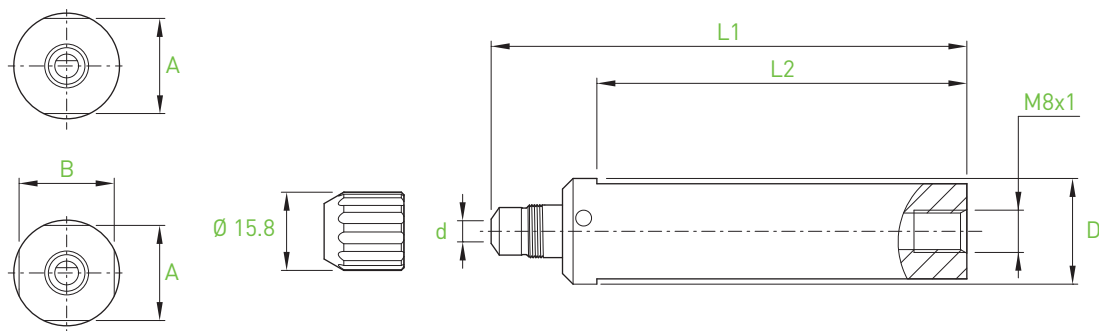
Halter mit Spannmutter

Tool holders with clamping nut

BH6-D



> page 10.05



d	Bars	D	L1	L2	A x B	2 flats	4 flats	Art. N°
6	BB6... BF6...	12	75	55	11.2x11.2	■		BH6-D12-75
		12.7	75	55	11.2x11.2	■		BH6-D12.7-75
		15.87	75	55	14x14	■		BH6-D15.87-75
		16	75	55	14x14	■		BH6-D16-75
		19.05	90	70	17x17	■		BH6-D19.05-90
		20	90	70	18x18	■		BH6-D20-90
		20	90	70	18x18		■	BH6-D20-90-F4
		20	160	140	18x18		■	BH6-D20-160-F4
		22	90	70	20x20	■		BH6-D22-90
		22	90	70	20x20		■	BH6-D22-90-F4
		22	130	110	20x20		■	BH6-D22-130-F4
		25	100	80	23x23	■		BH6-D25-100
		25	100	80	23x23		■	BH6-D25-100-F4
		25	170	150	23x23		■	BH6-D25-170-F4
		25.4	100	80	23.4x23.4	■		BH6-D25.4-100
		28	100	80	26x26	■		BH6-D28-100

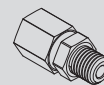
Pièces de rechange
Ersatzteile
Spare parts

Art. N°



Art. N°

Option



Art. N°

BH6...

BH6-M12

C-BH6-M12

BH6...

J-M8X1-D6

more option
see JET-Line

■ = disponible / verfügbar / available

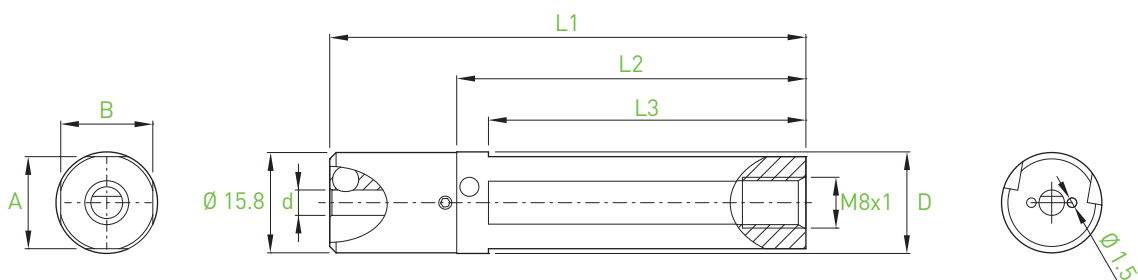
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Porte-outils avec arrosage multiple
 Halter mit mehrfaches Kühlungssystem
 Tool holders with multiple coolant system

BHS4-D

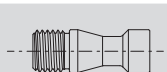


> page 10.05/10.07



d	Bars	D	L1	L2	L3	A x B	Art. N°
4	BB4... BF4...	10	75	55	50	9.2x9.2	BHS4-D10-75-F4
		12	75	55	50	11x11	BHS4-D12-75-F4
		12.7	75	55	50	11.7x11.7	BHS4-D12.7-75-F4
		15.87	75	55	50	14.5x14.5	BHS4-D15.87-75-F4
		16	75	55	50	14.5x14.5	BHS4-D16-75-F4
		16	110	90	85	14.5x14.5	BHS4-D16-110-F4
		19.05	90	70	65	17x17	BHS4-D19.05-90-F4
		20	90	70	65	18x18	BHS4-D20-90-F4
		20	160	140	135	18x18	BHS4-D20-160-F4
		22	90	70	65	20x20	BHS4-D22-90-F4
		22	130	110	105	20x20	BHS4-D22-130-F4
		25	100	80	75	23x23	BHS4-D25-100-F4
		25	170	150	145	23x23	BHS4-D25-170-F4
		25.4	100	80	75	23x23	BHS4-D25.4-100-F4
		28	100	80	75	26x26	BHS4-D28-100-F4

Pièces de rechange
 Ersatzteile
 Spare parts



Art. N°



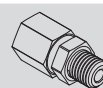
Art. N°

BHS4...

V-BHS-M4X0.5-T8

C-T8

Option



Art. N°



Art. N°

BHS4...

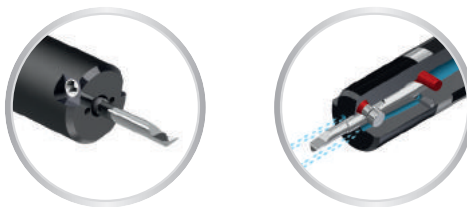
J-M8X1-D6

more option
 see JET-Line

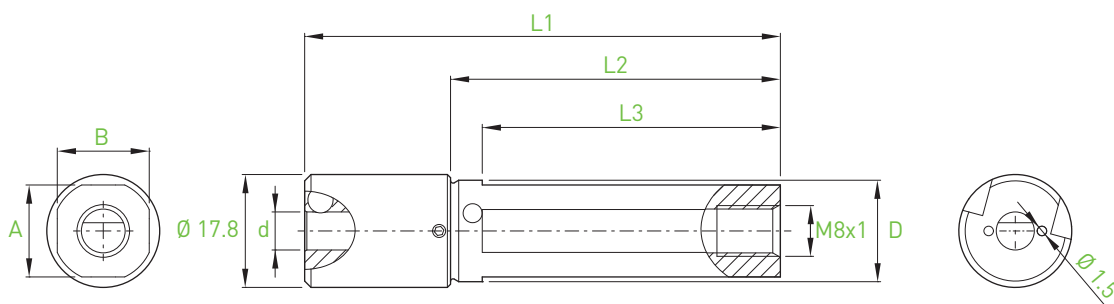
SET-NM1.2-TX8

Porte-outils avec arrosage multiple
 Halter mit mehrfaches Kühlungssystem
 Tool holders with multiple coolant system

BHS6-D

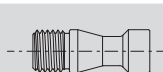


> page 10.05/10.07



d	Bars	D	L1	L2	L3	A x B	Art. N°
6	BB6... BF6...	12	75	52	47	11x11	BHS6-D12-75-F4
		12.7	75	52	47	11.7x11.7	BHS6-D12.7-75-F4
		15.87	75	52	47	14.5x14.5	BHS6-D15.87-75-F4
		16	75	52	47	14.5x14.5	BHS6-D16-75-F4
		16	110	87	82	14.5x14.5	BHS6-D16-110-F4
		19.05	90	67	62	17x17	BHS6-D19.05-90-F4
		20	90	67	62	18x18	BHS6-D20-90-F4
		20	160	137	132	18x18	BHS6-D20-160-F4
		22	90	67	62	20x20	BHS6-D22-90-F4
		22	130	107	102	20x20	BHS6-D22-130-F4
		25	100	77	72	23x23	BHS6-D25-100-F4
		25	170	147	142	23x23	BHS6-D25-170-F4
		25.4	100	77	72	23x23	BHS6-D25.4-100-F4
		28	100	77	72	26x26	BHS6-D28-100-F4

Pièces de rechange
 Ersatzteile
 Spare parts



Art. N°



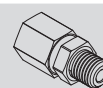
Art. N°

BHS6...

V-BHS-M4X0.5-T8

C-T8

Option



Art. N°



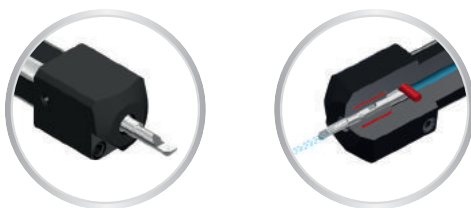
Art. N°

BHS6...

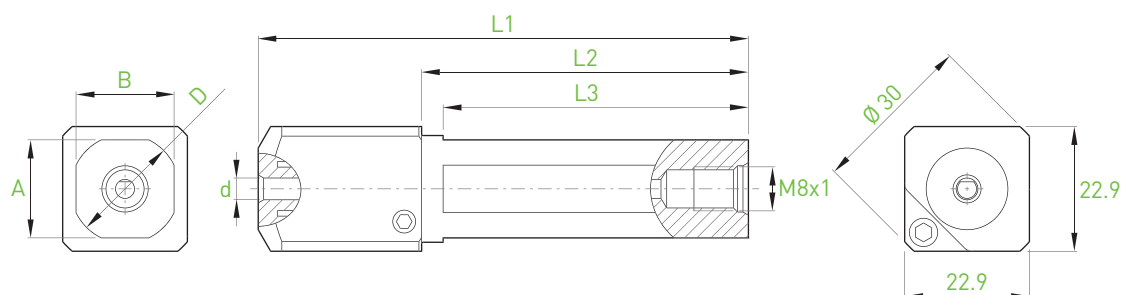
J-M8X1-D6

more option
 see JET-Line

SET-NM1.2-TX8

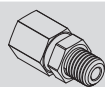


> page 10.06



d	Bars	D	L1	L2	L3	A x B	Art. N°
4	BB4... BF4...	12	90	60	55	11.2x11.2	BHY4-D12-90-F4
		16	90	60	55	14.5x14.5	BHY4-D16-90-F4
		19.05	90	60	55	17x17	BHY4-D19.05-90-F4
		20	90	60	55	18x18	BHY4-D20-90-F4
		22	90	60	55	20x20	BHY4-D22-90-F4
		25	100	70	65	23x23	BHY4-D25-100-F4

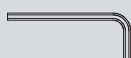
Pièces de rechange
Ersatzteile
Spare parts



Art. N°

J-M8X1-D6

more option
see JET-Line



Art. N°

C-6P-3.0

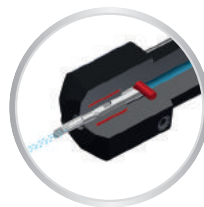
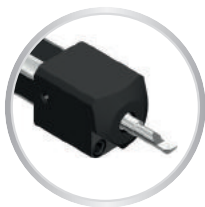
BHY4...

Porte-outils à serrage hydraulique

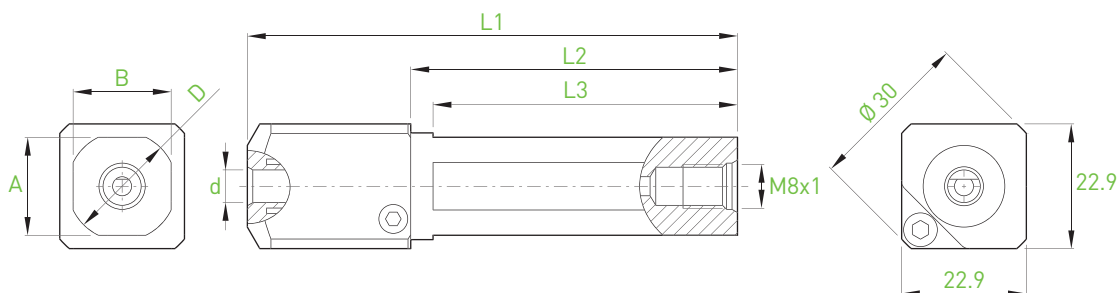
Halter mit Hydro-Dehnspann-System

Tool holders with hydraulic clamping system

BHY6-D

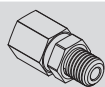


> page 10.06



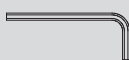
d	Bars	D	L1	L2	L3	A x B	Art. N°
6	BB6... BF6...	12	90	60	55	11.2x11.2	BHY6-D12-90-F4
		16	90	60	55	14.5x14.5	BHY6-D16-90-F4
		19.05	90	60	55	17x17	BHY6-D19.05-90-F4
		20	90	60	55	18x18	BHY6-D20-90-F4
		22	90	60	55	20x20	BHY6-D22-90-F4
		25	100	70	65	23x23	BHY6-D25-100-F4

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

J-M8X1-D6
more option
see JET-Line

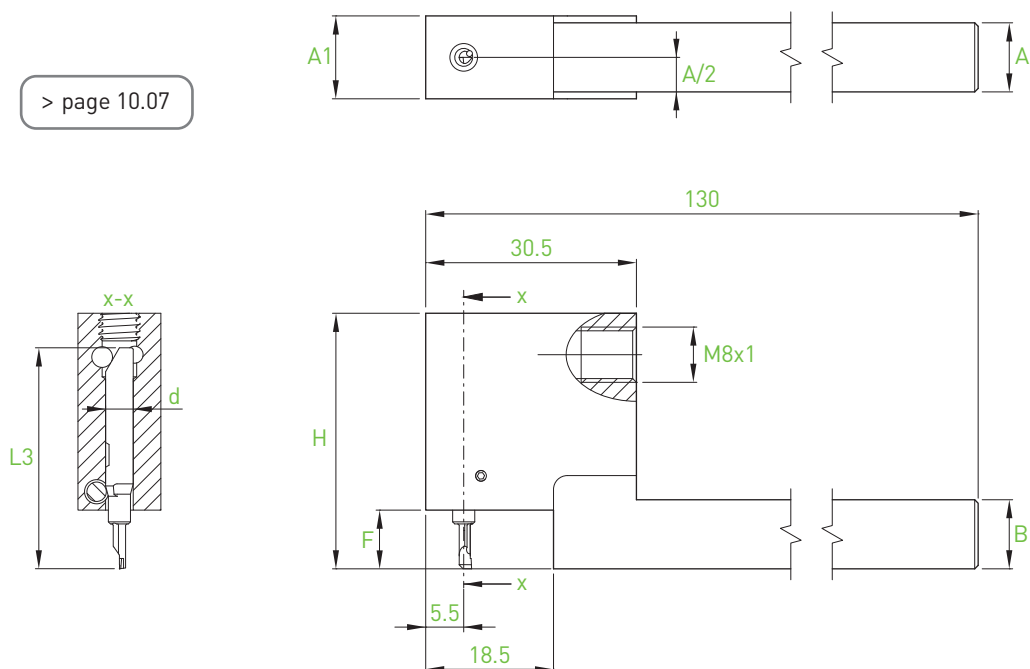


Art. N°

C-6P-3.0

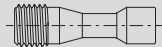
BHY6...

> page 10.07



d	Bars	L3	A x B	F	H	A1	Art. N°
4	BB4R... BF4R...	32	8x8	8.5	37	12	BHK4N-0808X-32R
			10x10	8.5	37	12	BHK4N-1010X-32R
			12x12	8.5	37	12	BHK4N-1212X-32R
			16x16	8.5	37	16	BHK4N-1616X-32R
		37	8x8	13.5	42	12	BHK4N-0808X-37R
			10x10	13.5	42	12	BHK4N-1010X-37R
			12x12	13.5	42	12	BHK4N-1212X-37R
			16x16	13.5	42	16	BHK4N-1616X-37R
		42	10x10	18.5	47	12	BHK4N-1010X-42R
			12x12	18.5	47	12	BHK4N-1212X-42R
			16x16	18.5	47	16	BHK4N-1616X-42R

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

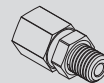
V-BHK-M4X0.5-T8



Art. N°

C-T8

Option



Art. N°

BHK4N...

J-M8X1-D6
more option
see JET-Line



Art. N°

SET-NM1.2-TX8

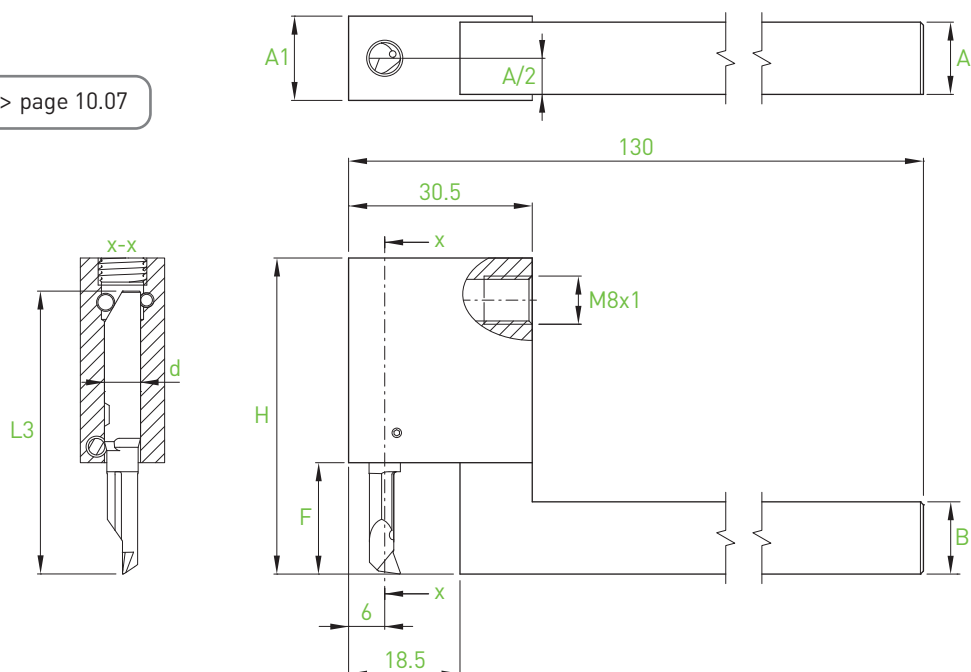
Porte-outils coudés

Kröpfhalter

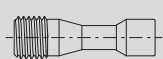
Cranked tool holders

BHK6N

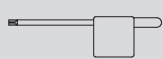
> page 10.07



d	Bars	L3	A x B	F	H	A1	Art. N°
6	BB6R... BF6R...	47	10x10	18.5	52.5	12	BHK6N-1010X-47R
			12x12	18.5	52.5	12	BHK6N-1212X-47R
			16x16	18.5	52.5	16	BHK6N-1616X-47R
		57	10x10	28.5	62.5	12	BHK6N-1010X-57R
			12x12	28.5	62.5	12	BHK6N-1212X-57R
			16x16	28.5	62.5	16	BHK6N-1616X-57R

Pièces de rechange
Ersatzteile
Spare parts

Art. N°



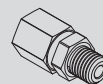
Art. N°

BHK6N...

V-BHK-M4X0.5-T8

C-T8

Option



Art. N°



Art. N°

BHK6N...

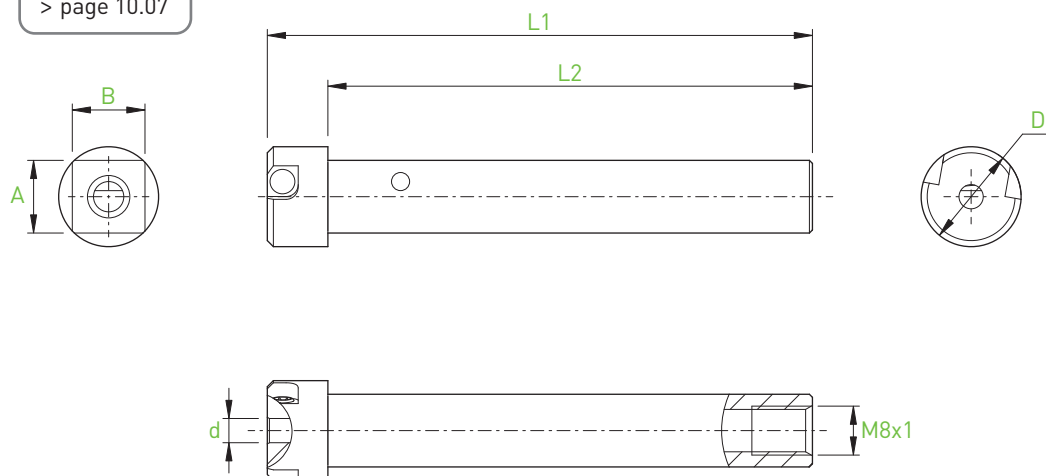
J-M8X1-D6

more option
see JET-Line

SET-NM1.2-TX8

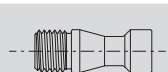
new

> page 10.07



d	Bars	A x B	L1	L2	D	Art. N°
4	BB4... BF4...	12x12	90	80	16.5	BHS4-1212-90
		16x16	100	90	15.5	BHS4-1616-90

Pièces de rechange
Ersatzteile
Spare parts



Art. N°



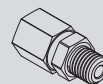
Art. N°

BHS4...

V-BHS-M4X0.5-T8

C-T8

Option



Art. N°



Art. N°

BHS4...

J-M8X1-D6

more option
see JET-Line

SET-NM1.2-TX8

Porte-outils section carrée

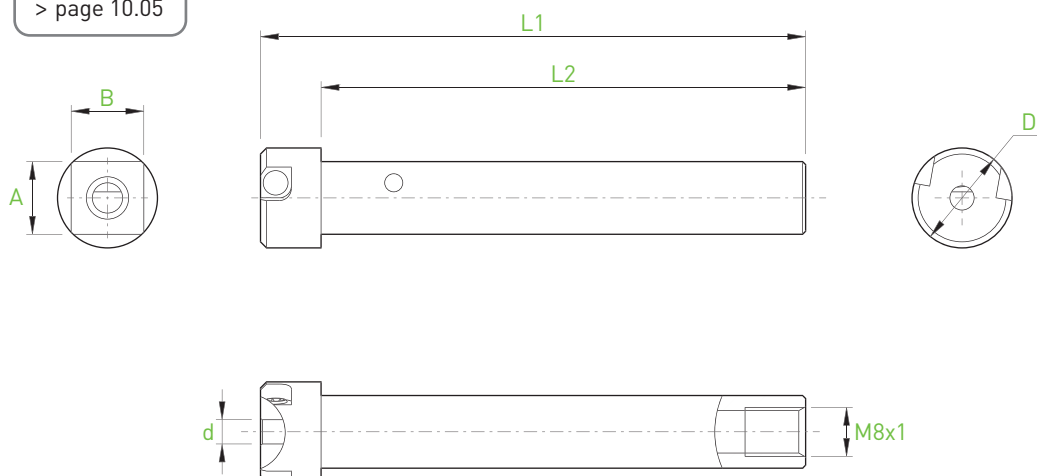
Viereckige Halter

Square holders

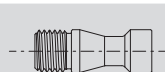
BHS6

new

> page 10.05



d	Bars	A x B	L1	L2	D	Art. N°
6	BB6... BF6...	12x12 16x16	90 100	80 -	17.5 -	BHS6-1212-90 BHS6-1616-90

Pièces de rechange
Ersatzteile
Spare parts

Art. N°



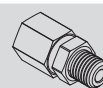
Art. N°

BHS6...

V-BHS-M4X0.5-T8

C-T8

Option



Art. N°



Art. N°

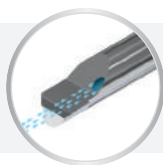
BHS6...

J-M8X1-D6

more option
see JET-Line

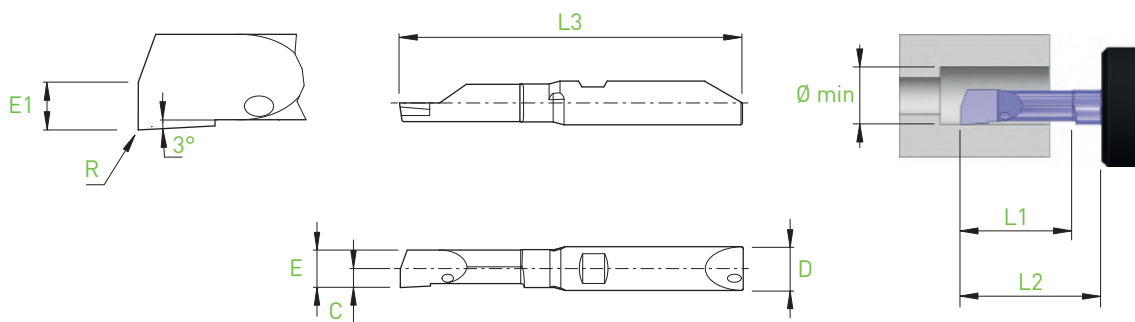
SET-NM1.2-TX8

Alésage
Ausbohren
Boring



BB4...

BA



D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	E1	C	R	L3	Art. N°	R			L		
												P M N S	P M N S	P M N S	P M N S	P M N S	P M N S
4	BH4... BHS4... BHY4... BHK4...	0.3	0.9	10	8.5	0.27	0.13	0.15	0	32	BB4R/L-0309-BA	■	■	■	□	□	
		0.4	1.2	10	8.5	0.36	0.18	0.20	0	32	BB4R/L-0412-BA	■	■	■	□	□	
		0.5	1.5	10	8.5	0.45	0.22	0.25	0	32	BB4R/L-0515-BA	■	■	■	□	□	
		0.6	1.8	10	8.5	0.54	0.27	0.30	0	32	BB4R/L-0618-BA	■	■	■	□	□	new
		0.7	2.1	10	8.5	0.63	0.31	0.35	0	32	BB4R/L-0721-BA	■	■	■	□	□	new
		0.8	2.4	10	8.5	0.72	0.36	0.40	0	32	BB4R/L-0824-BA	■	■	■	□	□	new
		0.9	2.7	10	8.5	0.81	0.40	0.45	0	32	BB4R/L-0927-BA	■	■	■	□	□	new
		1.0	3.0	10	8.5	0.90	0.45	0.60	0.02	32	BB4R/L-1030-BA-R02	■	■	■	□	□	
		1.2	3.6	10	8.5	1.08	0.54	0.60	0.02	32	BB4R/L-1236-BA-R02	■	■	■	□	□	new
		1.5	4.5	10	8.5	1.35	0.67	0.65	0.02	32	BB4R/L-1545-BA-R02	■	■	■	□	□	
		2.0	6.0	10	8.5	1.80	0.90	1.15	0.02	32	BB4R/L-2060-BA-R02	■	■	■	□	□	
		2.5	7.5	10	8.5	2.25	1.13	1.30	0.02	32	BB4R/L-2575-BA-R02	■	■	■	□	□	
		3.0	9.0	15	13.5	2.70	1.35	1.35	0.05	37	BB4R/L-3090-BA-R05	■	■	■	□	□	
		3.5	10.5	15	13.5	3.15	1.58	1.60	0.05	37	BB4R/L-35105-BA-R05	■	■	■	□	□	

Alésage

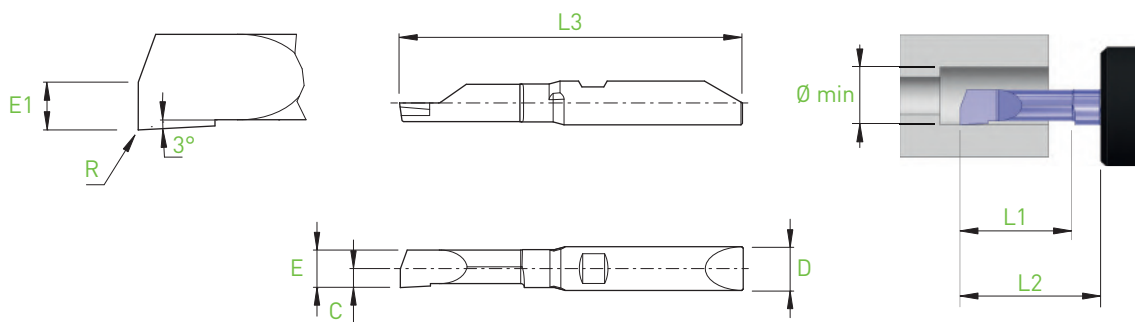
Ausbohren

Boring



BF4...

BA

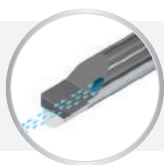


												R			L	
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	E1	C	R	L3	Art. N°	P M N S ZTAF	P M N S ZTAXF	P N S ZN	P M N S ZTAF	P N S ZN
4	BH4... BHS4... BHY4... BHK4...	0.3	0.9	10	8.5	0.27	0.13	0.15	0	32	BF4R/L-0309-BA	■	■	■	□	□
		0.4	1.2	10	8.5	0.36	0.18	0.20	0	32	BF4R/L-0412-BA	■	■	■	□	□
		0.5	1.5	10	8.5	0.45	0.22	0.25	0	32	BF4R/L-0515-BA	■	■	■	□	□
		0.6	1.8	10	8.5	0.54	0.27	0.30	0	32	BF4R/L-0618-BA	■	■	■	□	□ new
		0.7	2.1	10	8.5	0.63	0.31	0.35	0	32	BF4R/L-0721-BA	■	■	■	□	□ new
		0.8	2.4	10	8.5	0.72	0.36	0.40	0	32	BF4R/L-0824-BA	■	■	■	□	□ new
		0.9	2.7	10	8.5	0.81	0.40	0.45	0	32	BF4R/L-0927-BA	■	■	■	□	□ new
		1.0	3.0	10	8.5	0.90	0.45	0.60	0.02	32	BF4R/L-1030-BA-R02	■	■	■	□	□
		1.2	3.6	10	8.5	1.08	0.54	0.60	0.02	32	BF4R/L-1236-BA-R02	■	■	■	□	□ new
		1.5	4.5	10	8.5	1.35	0.67	0.65	0.02	32	BF4R/L-1545-BA-R02	■	■	■	□	□
		2.0	6.0	10	8.5	1.80	0.90	1.15	0.02	32	BF4R/L-2060-BA-R02	■	■	■	□	□
		2.5	7.5	10	8.5	2.25	1.13	1.30	0.02	32	BF4R/L-2575-BA-R02	■	■	■	□	□
		3.0	9.0	15	13.5	2.70	1.35	1.35	0.05	37	BF4R/L-3090-BA-R05	■	■	■	□	□
		3.5	10.5	15	13.5	3.15	1.58	1.60	0.05	37	BF4R/L-35105-BA-R05	■	■	■	□	□

■ = disponible / verfügbar / available

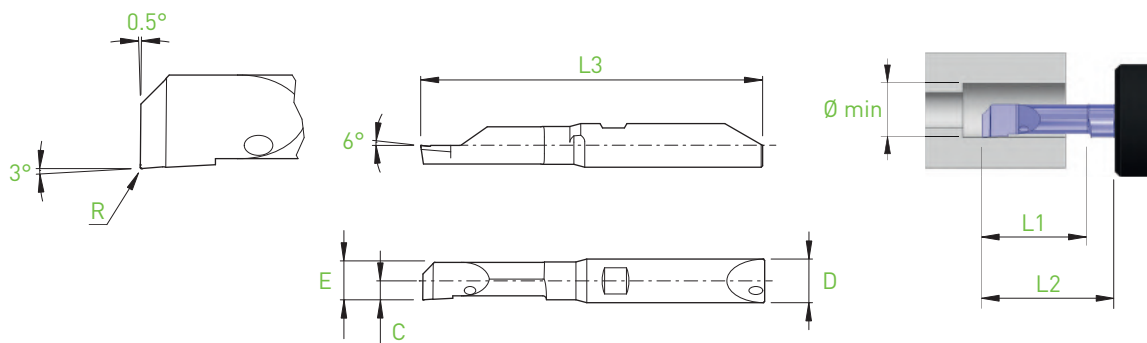
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Alésage
Ausbohren
Boring



BB4... / BB6...

BAX



											R			L	
				L2 BH4... BHY4...	L2 BHS4... BHK4...						P M N S	P M N S	P M N S	P M N S	P M N S
D h5	Holder	Ø min	L1			E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.5	1.5	10	8.5	0.45	0.25	0	32	BB4R/L-0515-BAX	■	■	■	□	□
		0.6	1.8	10	8.5	0.54	0.30	0	32	BB4R/L-0618-BAX	■	■	■	□	□
		0.7	2.1	10	8.5	0.63	0.35	0	32	BB4R/L-0721-BAX	■	■	■	□	□
		0.8	2.4	10	8.5	0.72	0.40	0	32	BB4R/L-0824-BAX	■	■	■	□	□
		0.9	2.7	10	8.5	0.81	0.45	0	32	BB4R/L-0927-BAX	■	■	■	□	□
		1.0	3.0	10	8.5	0.90	0.60	0.02	32	BB4R/L-1030-BAX-R02	■	■	■	□	□
			5.0	10	8.5	0.90	0.60	0.02	32	BB4R/L-1050-BAX-R02	■	■	■	□	□
		1.5	4.5	10	8.5	1.35	0.65	0.02	32	BB4R/L-1545-BAX-R02	■	■	■	□	□
			7.5	10	8.5	1.35	0.65	0.02	32	BB4R/L-1575-BAX-R02	■	■	■	□	□
		2.0	6.0	10	8.5	1.80	1.15	0.02	32	BB4R/L-2060-BAX-R02	■	■	■	□	□
			10.0	15	13.5	1.80	1.15	0.02	37	BB4R/L-20100-BAX-R02	■	■	■	□	□
		2.5	7.5	10	8.5	2.25	1.30	0.05	32	BB4R/L-2575-BAX-R05	■	■	■	□	□
			12.5	15	13.5	2.25	1.30	0.05	37	BB4R/L-25125-BAX-R05	■	■	■	□	□
		3.0	9.0	15	13.5	2.70	1.35	0.05	37	BB4R/L-3090-BAX-R05	■	■	■	□	□
			15.0	20	18.5	2.70	1.35	0.05	42	BB4R/L-30150-BAX-R05	■	■	■	□	□
3.5	10.5	15	13.5	3.15	1.60	0.05	37	BB4R/L-35105-BAX-R05	■	■	■	□	□		
	17.5	20	18.5	3.15	1.60	0.05	42	BB4R/L-35175-BAX-R05	■	■	■	□	□		
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	3.80	2.20	0.05	47	BB6R/L-40120-BAX-R05	■	■	■	□	□
			20.0	30	28.5	3.80	2.20	0.05	57	BB6R/L-40200-BAX-R05	■	■	■	□	□
		4.5	13.5	20	18.5	4.28	2.30	0.05	47	BB6R/L-45135-BAX-R05	■	■	■	□	□
			22.5	30	28.5	4.28	2.30	0.05	57	BB6R/L-45225-BAX-R05	■	■	■	□	□
		5.0	15.0	20	18.5	4.75	2.40	0.05	47	BB6R/L-50150-BAX-R05	■	■	■	□	□
			25.0	30	28.5	4.75	2.40	0.05	57	BB6R/L-50250-BAX-R05	■	■	■	□	□
		5.5	16.5	20	18.5	5.15	2.60	0.05	47	BB6R/L-55165-BAX-R05	■	■	■	□	□
			27.5	30	28.5	5.15	2.60	0.05	57	BB6R/L-55275-BAX-R05	■	■	■	□	□

Alésage

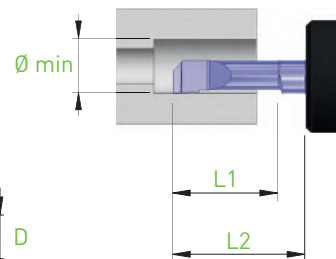
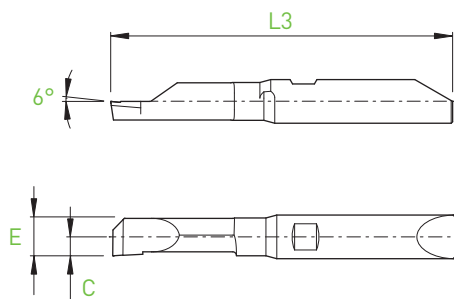
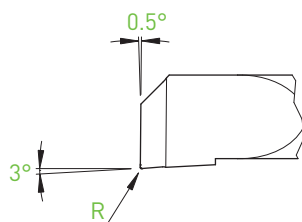
Ausbohren

Boring



BF4... / BF6...

BAX



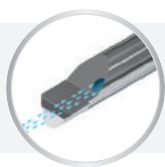
											R			L	
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	C	R	L3	Art. N°					
											ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.5	1.5	10	8.5	0.45	0.25	0	32	BF4R/L-0515-BAX	■	■	■	□	□
		0.6	1.8	10	8.5	0.54	0.30	0	32	BF4R/L-0618-BAX	■	■	■	□	□
		0.7	2.1	10	8.5	0.63	0.35	0	32	BF4R/L-0721-BAX	■	■	■	□	□
		0.8	2.4	10	8.5	0.72	0.40	0	32	BF4R/L-0824-BAX	■	■	■	□	□
		0.9	2.7	10	8.5	0.81	0.45	0	32	BF4R/L-0927-BAX	■	■	■	□	□
		1.0	3.0	10	8.5	0.90	0.60	0.02	32	BF4R/L-1030-BAX-R02	■	■	■	□	□
			5.0	10	8.5	0.90	0.60	0.02	32	BF4R/L-1050-BAX-R02	■	■	■	□	□
		1.5	4.5	10	8.5	1.35	0.65	0.02	32	BF4R/L-1545-BAX-R02	■	■	■	□	□
			7.5	10	8.5	1.35	0.65	0.02	32	BF4R/L-1575-BAX-R02	■	■	■	□	□
		2.0	6.0	10	8.5	1.80	1.15	0.02	32	BF4R/L-2060-BAX-R02	■	■	■	□	□
			10.0	15	13.5	1.80	1.15	0.02	37	BF4R/L-20100-BAX-R02	■	■	■	□	□
		2.5	7.5	10	8.5	2.25	1.30	0.05	32	BF4R/L-2575-BAX-R05	■	■	■	□	□
			12.5	15	13.5	2.25	1.30	0.05	37	BF4R/L-25125-BAX-R05	■	■	■	□	□
		3.0	9.0	15	13.5	2.70	1.35	0.05	37	BF4R/L-3090-BAX-R05	■	■	■	□	□
			15.0	20	18.5	2.70	1.35	0.05	42	BF4R/L-30150-BAX-R05	■	■	■	□	□
		3.5	10.5	15	13.5	3.15	1.60	0.05	37	BF4R/L-35105-BAX-R05	■	■	■	□	□
			17.5	20	18.5	3.15	1.60	0.05	42	BF4R/L-35175-BAX-R05	■	■	■	□	□

D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	3.80	2.20	0.05	47	BF6R/L-40120-BAX-R05	■	■	■	□	□
			20.0	30	28.5	3.80	2.20	0.05	57	BF6R/L-40200-BAX-R05	■	■	■	□	□
		4.5	13.5	20	18.5	4.28	2.30	0.05	47	BF6R/L-45135-BAX-R05	■	■	■	□	□
			22.5	30	28.5	4.28	2.30	0.05	57	BF6R/L-45225-BAX-R05	■	■	■	□	□
		5.0	15.0	20	18.5	4.75	2.40	0.05	47	BF6R/L-50150-BAX-R05	■	■	■	□	□
			25.0	30	28.5	4.75	2.40	0.05	57	BF6R/L-50250-BAX-R05	■	■	■	□	□
		5.5	16.5	20	18.5	5.15	2.60	0.05	47	BF6R/L-55165-BAX-R05	■	■	■	□	□
			27.5	30	28.5	5.15	2.60	0.05	57	BF6R/L-55275-BAX-R05	■	■	■	□	□

■ = disponible / verfügbar / available

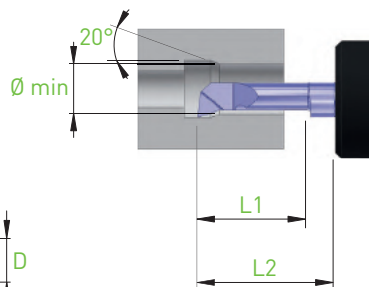
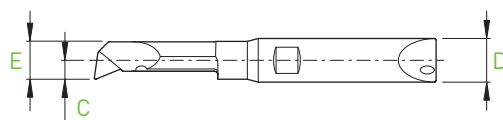
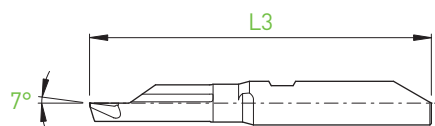
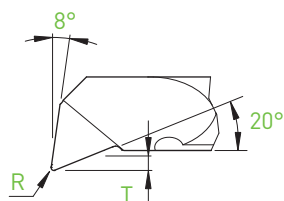
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Alésage-copiage
Ausbohren-kopieren
Boring chambering



BB4... / BB6...

BCX



												R		L		
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	1.0	3.0	10	8.5	0.15	0.90	0.70	0.05	32	BB4R/L-1030-BCX-R05	■	■	■	□	□
			5.0	10	8.5	0.15	0.90	0.70	0.05	32	BB4R/L-1050-BCX-R05	■	■	■	□	□
		1.5	4.5	10	8.5	0.23	1.35	0.75	0.05	32	BB4R/L-1545-BCX-R05	■	■	■	□	□
			7.5	10	8.5	0.23	1.35	0.75	0.05	32	BB4R/L-1575-BCX-R05	■	■	■	□	□
		2.0	6.0	10	8.5	0.30	1.80	1.15	0.05	32	BB4R/L-2060-BCX-R05	■	■	■	□	□
			10.0	15	13.5	0.30	1.80	1.15	0.05	37	BB4R/L-20100-BCX-R05	■	■	■	□	□
		2.5	7.5	10	8.5	0.38	2.25	1.30	0.10	32	BB4R/L-2575-BCX-R10	■	■	■	□	□
			12.5	15	13.5	0.38	2.25	1.30	0.10	37	BB4R/L-25125-BCX-R10	■	■	■	□	□
		3.0	9.0	15	13.5	0.45	2.70	1.35	0.10	37	BB4R/L-3090-BCX-R10	■	■	■	□	□
			15.0	20	18.5	0.45	2.70	1.35	0.10	42	BB4R/L-30150-BCX-R10	■	■	■	□	□
		3.5	10.5	15	13.5	0.53	3.15	1.60	0.10	37	BB4R/L-35105-BCX-R10	■	■	■	□	□
			17.5	20	18.5	0.53	3.15	1.60	0.10	42	BB4R/L-35175-BCX-R10	■	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.60	3.80	2.20	0.15	47	BB6R/L-40120-BCX-R15	■	■	■	□	□
			20.0	30	28.5	0.60	3.80	2.20	0.15	57	BB6R/L-40200-BCX-R15	■	■	■	□	□
		4.5	13.5	20	18.5	0.68	4.28	2.30	0.15	47	BB6R/L-45135-BCX-R15	■	■	■	□	□
			22.5	30	28.5	0.68	4.28	2.30	0.15	57	BB6R/L-45225-BCX-R15	■	■	■	□	□
		5.0	15.0	20	18.5	0.75	4.75	2.40	0.15	47	BB6R/L-50150-BCX-R15	■	■	■	□	□
			25.0	30	28.5	0.75	4.75	2.40	0.15	57	BB6R/L-50250-BCX-R15	■	■	■	□	□
		5.5	16.5	20	18.5	0.83	5.15	2.60	0.15	47	BB6R/L-55165-BCX-R15	■	■	■	□	□
			27.5	30	28.5	0.83	5.15	2.60	0.15	57	BB6R/L-55275-BCX-R15	■	■	■	□	□

Alésage-copiage

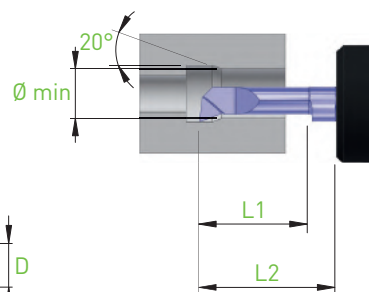
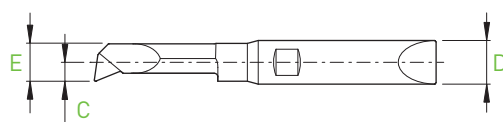
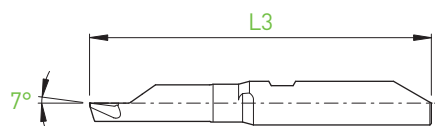
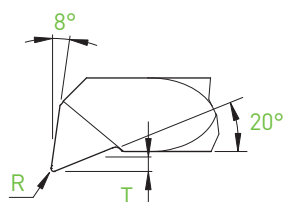
Ausbohren-kopieren

Boring chamfering



BF4... / BF6...

BCX

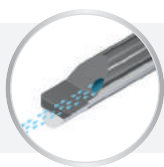


												R		L		
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	C	R	L3	Art. N°	P M N S ZTAF	P M N S ZTAXF	P M N S ZN	P M N S ZTAF	P M N S ZN
4	BH4... BHS4... BHY4... BHK4...	1.0	3.0	10	8.5	0.15	0.90	0.70	0.05	32	BF4R/L-1030-BCX-R05	■	■	■	□	□
			5.0	10	8.5	0.15	0.90	0.70	0.05	32	BF4R/L-1050-BCX-R05	■	■	■	□	□
		1.5	4.5	10	8.5	0.23	1.35	0.75	0.05	32	BF4R/L-1545-BCX-R05	■	■	■	□	□
			7.5	10	8.5	0.23	1.35	0.75	0.05	32	BF4R/L-1575-BCX-R05	■	■	■	□	□
		2.0	6.0	10	8.5	0.30	1.80	1.15	0.05	32	BF4R/L-2060-BCX-R05	■	■	■	□	□
			10.0	15	13.5	0.30	1.80	1.15	0.05	37	BF4R/L-20100-BCX-R05	■	■	■	□	□
		2.5	7.5	10	8.5	0.38	2.25	1.30	0.10	32	BF4R/L-2575-BCX-R10	■	■	■	□	□
			12.5	15	13.5	0.38	2.25	1.30	0.10	37	BF4R/L-25125-BCX-R10	■	■	■	□	□
		3.0	9.0	15	13.5	0.45	2.70	1.35	0.10	37	BF4R/L-3090-BCX-R10	■	■	■	□	□
			15.0	20	18.5	0.45	2.70	1.35	0.10	42	BF4R/L-30150-BCX-R10	■	■	■	□	□
		3.5	10.5	15	13.5	0.53	3.15	1.60	0.10	37	BF4R/L-35105-BCX-R10	■	■	■	□	□
			17.5	20	18.5	0.53	3.15	1.60	0.10	42	BF4R/L-35175-BCX-R10	■	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.60	3.80	2.20	0.15	47	BF6R/L-40120-BCX-R15	■	■	■	□	□
			20.0	30	28.5	0.60	3.80	2.20	0.15	57	BF6R/L-40200-BCX-R15	■	■	■	□	□
		4.5	13.5	20	18.5	0.68	4.28	2.30	0.15	47	BF6R/L-45135-BCX-R15	■	■	■	□	□
			22.5	30	28.5	0.68	4.28	2.30	0.15	57	BF6R/L-45225-BCX-R15	■	■	■	□	□
		5.0	15.0	20	18.5	0.75	4.75	2.40	0.15	47	BF6R/L-50150-BCX-R15	■	■	■	□	□
			25.0	30	28.5	0.75	4.75	2.40	0.15	57	BF6R/L-50250-BCX-R15	■	■	■	□	□
		5.5	16.5	20	18.5	0.83	5.15	2.60	0.15	47	BF6R/L-55165-BCX-R15	■	■	■	□	□
			27.5	30	28.5	0.83	5.15	2.60	0.15	57	BF6R/L-55275-BCX-R15	■	■	■	□	□

■ = disponible / verfügbar / available

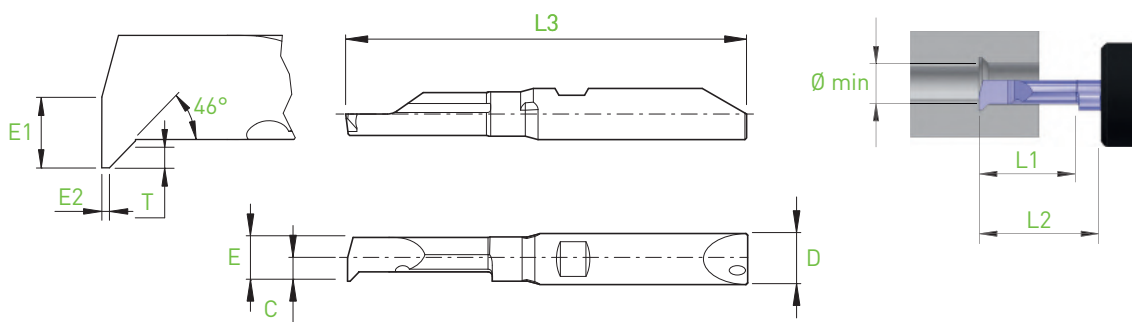
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Copiage
Kopieren
Chamfering



BB4... / BB6...

C45



													R		L		
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	E1	C	E2	L3	Art. N°	   	   	   	   	   
													ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.3	0.6	10	8.5	0.05	0.27	0.13	0.15	0.03	32	BB4R/L-0306-C45-E03	■	■	■	□	□
		0.4	0.8	10	8.5	0.07	0.36	0.18	0.20	0.03	32	BB4R/L-0408-C45-E03	■	■	■	□	□
		0.5	1.0	10	8.5	0.08	0.45	0.22	0.25	0.03	32	BB4R/L-0510-C45-E03	■	■	■	□	□
		0.6	1.2	10	8.5	0.10	0.54	0.27	0.30	0.03	32	BB4R/L-0612-C45-E03	■	■	■	□	□
		0.7	1.2	10	8.5	0.12	0.63	0.32	0.35	0.03	32	BB4R/L-0714-C45-E03	■	■	■	□	□
		0.8	1.6	10	8.5	0.14	0.72	0.36	0.40	0.05	32	BB4R/L-0816-C45-E05	■	■	■	□	□
		0.9	1.8	10	8.5	0.15	0.81	0.41	0.45	0.05	32	BB4R/L-0918-C45-E05	■	■	■	□	□
		1.0	3.0	10	8.5	0.17	0.90	0.45	0.70	0.10	32	BB4R/L-1030-C45-E10	■	■	■	□	□
		1.2	3.6	10	8.5	0.20	1.08	0.54	0.70	0.10	32	BB4R/L-1236-C45-E10	■	■	■	□	new
		1.5	4.5	10	8.5	0.25	1.35	0.67	0.75	0.10	32	BB4R/L-1545-C45-E10	■	■	■	□	□
		2.0	6.0	10	8.5	0.34	1.80	0.90	1.15	0.20	32	BB4R/L-2060-C45-E20	■	■	■	□	□
		2.5	7.5	10	8.5	0.43	2.25	1.13	1.30	0.20	32	BB4R/L-2575-C45-E20	■	■	■	□	□
6	BH6... BHS6... BHY6... BHK6...	3.0	9.0	15	13.5	0.51	2.70	1.35	1.35	0.30	37	BB4R/L-3090-C45-E30	■	■	■	□	□
		3.5	10.5	15	13.5	0.60	3.15	1.58	1.60	0.30	37	BB4R/L-35105-C45-E30	■	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	E1	C	E2	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.68	3.80	1.90	2.30	0.40	47	BB6R/L-40120-C45-E40	■	■	■	□	□
		5.0	15.0	20	18.5	0.85	4.75	2.37	2.50	0.50	47	BB6R/L-50150-C45-E50	■	■	■	□	□

Copiage

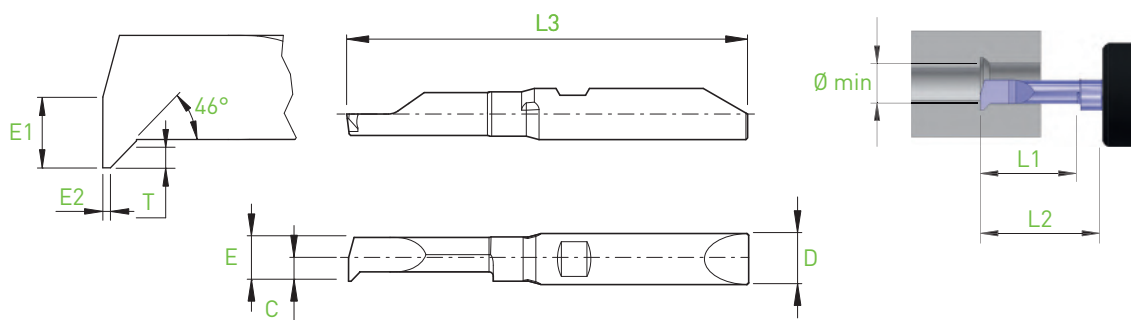
Kopieren

Chamfering



BF4... / BF6...

C45

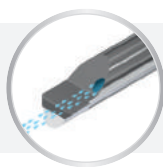


													R	L			
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	E1	C	E2	L3	Art. N°					
													ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.3	0.6	10	8.5	0.05	0.27	0.13	0.15	0.03	32	BF4R/L-0306-C45-E03	■	■	■	□	□
		0.4	0.8	10	8.5	0.07	0.36	0.18	0.20	0.03	32	BF4R/L-0408-C45-E03	■	■	■	□	□
		0.5	1.0	10	8.5	0.08	0.45	0.22	0.25	0.03	32	BF4R/L-0510-C45-E03	■	■	■	□	□
		0.6	1.2	10	8.5	0.10	0.54	0.27	0.30	0.03	32	BF4R/L-0612-C45-E03	■	■	■	□	□
		0.7	1.2	10	8.5	0.12	0.63	0.32	0.35	0.03	32	BF4R/L-0714-C45-E03	■	■	■	□	□
		0.8	1.6	10	8.5	0.14	0.72	0.36	0.40	0.05	32	BF4R/L-0816-C45-E05	■	■	■	□	□
		0.9	1.8	10	8.5	0.15	0.81	0.41	0.45	0.05	32	BF4R/L-0918-C45-E05	■	■	■	□	□
		1.0	3.0	10	8.5	0.17	0.90	0.45	0.70	0.10	32	BF4R/L-1030-C45-E10	■	■	■	□	□
		1.2	3.6	10	8.5	0.20	1.08	0.54	0.70	0.10	32	BF4R/L-1236-C45-E10	■	■	■	□	new
		1.5	4.5	10	8.5	0.25	1.35	0.67	0.75	0.10	32	BF4R/L-1545-C45-E10	■	■	■	□	□
		2.0	6.0	10	8.5	0.34	1.80	0.90	1.15	0.20	32	BF4R/L-2060-C45-E20	■	■	■	□	□
		2.5	7.5	10	8.5	0.43	2.25	1.13	1.30	0.20	32	BF4R/L-2575-C45-E20	■	■	■	□	□
		3.0	9.0	15	13.5	0.51	2.70	1.35	1.35	0.30	37	BF4R/L-3090-C45-E30	■	■	■	□	□
		3.5	10.5	15	13.5	0.60	3.15	1.58	1.60	0.30	37	BF4R/L-35105-C45-E30	■	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	E1	C	E2	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.68	3.80	1.90	2.30	0.40	47	BF6R/L-40120-C45-E40	■	■	■	□	□
		5.0	15.0	20	18.5	0.85	4.75	2.37	2.50	0.50	47	BF6R/L-50150-C45-E50	■	■	■	□	□

■ = disponible / verfügbar / available

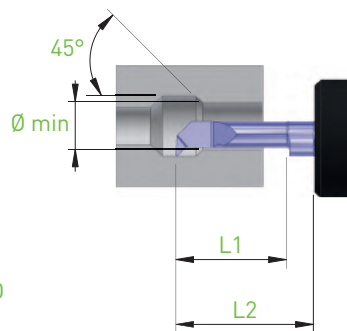
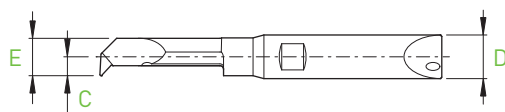
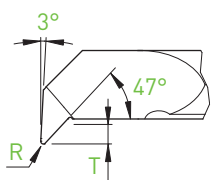
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Copiage
Kopieren
Chamfering



BB4... / BB6...

C45X



												R	L			
D _{h5}	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	C	R	L3	Art. N°	P M N S ZTAF	P M N S ZTAXF	P M N S ZN	P M N S ZTAF	P M N S ZN
4	BH4... BHS4... BHY4... BHK4...	2.5	7.5	10	8.5	0.50	2.25	1.35	0.10	32	BB4R/L-2575-C45X-R10	■	■	■	□	□
			12.5	15	13.5	0.50	2.25	1.35	0.10	37	BB4R/L-25125-C45X-R10	■	■	■	□	□
		3.0	9.0	15	13.5	0.60	2.70	1.45	0.10	37	BB4R/L-3090-C45X-R10	■	■	■	□	□
			15.0	20	18.5	0.60	2.70	1.45	0.10	42	BB4R/L-30150-C45X-R10	■	■	■	□	□
		3.5	10.5	15	13.5	0.70	3.15	1.60	0.10	37	BB4R/L-35105-C45X-R10	■	■	■	□	□
			17.5	20	18.5	0.70	3.15	1.60	0.10	42	BB4R/L-35175-C45X-R10	■	■	■	□	□
D _{h5}	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.80	3.80	2.30	0.15	47	BB6R/L-40120-C45X-R15	■	■	■	□	□
			20.0	30	28.5	0.80	3.80	2.30	0.15	57	BB6R/L-40200-C45X-R15	■	■	■	□	□
		4.5	13.5	20	18.5	0.90	4.28	2.40	0.15	47	BB6R/L-45135-C45X-R15	■	■	■	□	□
			22.5	30	28.5	0.90	4.28	2.40	0.15	57	BB6R/L-45225-C45X-R15	■	■	■	□	□
		5.0	15.0	20	18.5	1.00	4.75	2.50	0.15	47	BB6R/L-50150-C45X-R15	■	■	■	□	□
			25.0	30	28.5	1.00	4.75	2.50	0.15	57	BB6R/L-50250-C45X-R15	■	■	■	□	□
		5.5	16.5	20	18.5	1.10	5.15	2.60	0.15	47	BB6R/L-55165-C45X-R15	■	■	■	□	□
			27.5	30	28.5	1.10	5.15	2.60	0.15	57	BB6R/L-55275-C45X-R15	■	■	■	□	□

Copiage

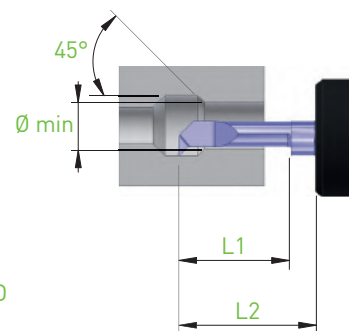
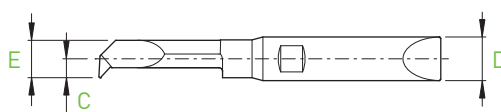
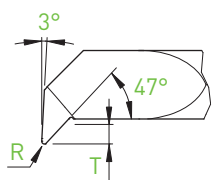
Kopieren

Chambering



BF4... / BF6...

C45X

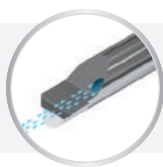


												R	L			
D _{h5}	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	E	C	R	L3	Art. N°	P M N S ZTAF	P M N S ZTAXF	P N S ZN	P M N S ZTAF	P N S ZN
4	BH4... BHS4... BHY4... BHK4...	2.5	7.5	10	8.5	0.50	2.25	1.35	0.10	32	BF4R/L-2575-C45X-R10	■	■	■	□	□
			12.5	15	13.5	0.50	2.25	1.35	0.10	37	BF4R/L-25125-C45X-R10	■	■	■	□	□
		3.0	9.0	15	13.5	0.60	2.70	1.45	0.10	37	BF4R/L-3090-C45X-R10	■	■	■	□	□
			15.0	20	18.5	0.60	2.70	1.45	0.10	42	BF4R/L-30150-C45X-R10	■	■	■	□	□
		3.5	10.5	15	13.5	0.70	3.15	1.60	0.10	37	BF4R/L-35105-C45X-R10	■	■	■	□	□
			17.5	20	18.5	0.70	3.15	1.60	0.10	42	BF4R/L-35175-C45X-R10	■	■	■	□	□
D _{h5}	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	R	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	0.80	3.80	2.30	0.15	47	BF6R/L-40120-C45X-R15	■	■	■	□	□
			20.0	30	28.5	0.80	3.80	2.30	0.15	57	BF6R/L-40200-C45X-R15	■	■	■	□	□
		4.5	13.5	20	18.5	0.90	4.28	2.40	0.15	47	BF6R/L-45135-C45X-R15	■	■	■	□	□
			22.5	30	28.5	0.90	4.28	2.40	0.15	57	BF6R/L-45225-C45X-R15	■	■	■	□	□
		5.0	15.0	20	18.5	1.00	4.75	2.50	0.15	47	BF6R/L-50150-C45X-R15	■	■	■	□	□
			25.0	30	28.5	1.00	4.75	2.50	0.15	57	BF6R/L-50250-C45X-R15	■	■	■	□	□
		5.5	16.5	20	18.5	1.10	5.15	2.60	0.15	47	BF6R/L-55165-C45X-R15	■	■	■	□	□
			27.5	30	28.5	1.10	5.15	2.60	0.15	57	BF6R/L-55275-C45X-R15	■	■	■	□	□

■ = disponible / verfügbar / available

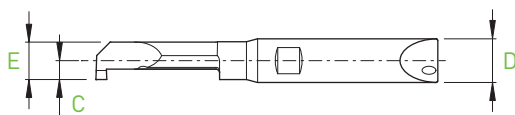
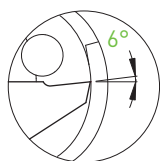
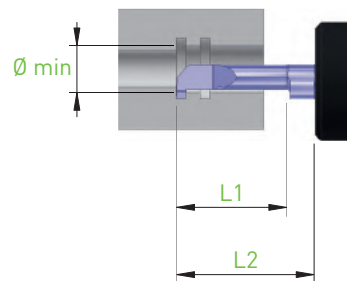
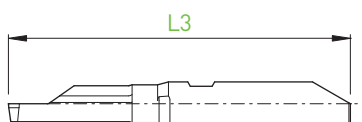
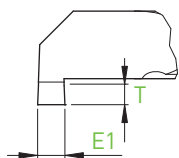
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Gorge
Einstechen
Grooving



BB4... / BB6...

GX



												R			L							
D _{h5}	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E1	T	E	C	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN						
4	BH4... BHS4... BHY4... BHK4...	3.0	9.0	15	13.5	0.50	0.60	2.70	1.45	37	BB4R/L-3090-G050X	■	■	■	□	□						
			15.0	20	18.5	0.50	0.60	2.70	1.45	42	BB4R/L-30150-G050X	■	■	■	□	□						
		3.5	10.5	15	13.5	0.75	0.70	3.15	1.60	37	BB4R/L-35105-G075X	■	■	■	□	□						
			17.5	20	18.5	0.75	0.70	3.15	1.60	42	BB4R/L-35175-G075X	■	■	■	□	□						
D _{h5}	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E1	T	E	C	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN						
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	1.00	0.80	3.80	2.20	47	BB6R/L-40120-G100X	■	■	■	□	□						
			20.0	30	28.5	1.00	0.80	3.80	2.20	57	BB6R/L-40200-G100X	■	■	■	□	□						
		4.5	13.5	20	18.5	1.00 1.50	0.90	4.28	2.40	47	BB6R/L-45135-G100X	■	■	■	□	□						
				22.5	30	28.5	1.00 1.50	0.90	4.28	2.40	57	BB6R/L-45225-G100X	■	■	■	□	□					
			5.0	15.0	20	18.5	1.00 1.50	1.00	4.75	2.50	47	BB6R/L-50150-G100X	■	■	■	□	□					
							1.50	1.00	4.75	2.50	47	BB6R/L-50150-G150X	■	■	■	□	□					
		25.0					30	28.5	1.00 1.50	1.00	4.75	2.50	57	BB6R/L-50250-G100X	■	■	■	□	□			
									1.50	1.00	4.75	2.50	57	BB6R/L-50250-G150X	■	■	■	□	□			
									16.5	20	18.5	1.00 1.50 2.00	1.10	5.15	2.60	47	BB6R/L-55165-G100X	■	■	■	□	□
												1.50	1.10	5.15	2.60	47	BB6R/L-55165-G150X	■	■	■	□	□
		27.5	30	28.5	2.00 1.00 1.50 2.00	1.10	5.15	2.60				57	BB6R/L-55165-G200X	■	■	■	□	□				
					1.00	1.10	5.15	2.60				57	BB6R/L-55275-G100X	■	■	■	□	□				
					1.50	1.10	5.15	2.60	57	BB6R/L-55275-G150X	■	■	■	□	□							
					2.00	1.10	5.15	2.60	57	BB6R/L-55275-G200X	■	■	■	□	□							

Gorge

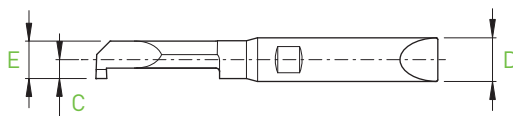
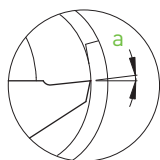
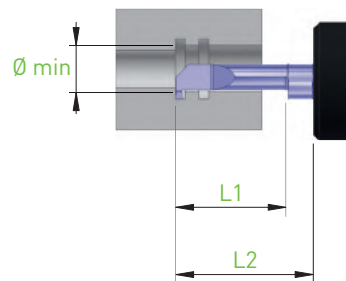
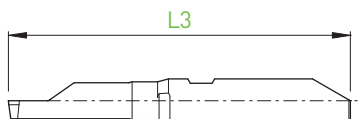
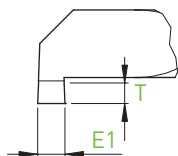
Einstecken

Grooving



BF4... / BF6...

GX

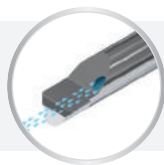


													R		L						
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E1	T	E	a	C	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN				
4	BH4... BHS4... BHY4... BHK4...	0.5	1.0	10	8.5	0.15	0.10	0.45	3°	0.25	32	BF4R/L-0510-G015X	■	■	■	□	□	new			
		0.7	1.4	10	8.5	0.20	0.14	0.63		0.35	32	BF4R/L-0714-G020X	■	■	■	□	□	new			
		1.0	2.0	10	8.5	0.30	0.20	0.90		0.60	32	BF4R/L-1020-G030X	■	■	■	□	□	new			
		1.5	3.0	10	8.5	0.40	0.30	1.35	6°	0.80	32	BF4R/L-1530-G040X	■	■	■	□	□	new			
		2.0	6.0	10	8.5	0.40	0.40	1.80		1.15	32	BF4R/L-2060-G040X	■	■	■	□	□	new			
		2.5	7.5	10	8.5	0.50	0.50	2.25		1.15	32	BF4R/L-2575-G050X	■	■	■	□	□	new			
		3.0	9.0	15	13.5	0.50	0.60	2.70		1.45	37	BF4R/L-3090-G050X	■	■	■	□	□				
			15.0	20	18.5	0.50	0.60	2.70		1.45	42	BF4R/L-30150-G050X	■	■	■	□	□				
		3.5	10.5	15	13.5	0.75	0.70	3.15		1.60	37	BF4R/L-35105-G075X	■	■	■	□	□				
			17.5	20	18.5	0.75	0.70	3.15		1.60	42	BF4R/L-35175-G075X	■	■	■	□	□				
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E1	T	E	a	C	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN				
6	BH6... BHS6... BHY6... BHK6...	4.0	12.0	20	18.5	1.00	0.80	3.80	6°	2.20	47	BF6R/L-40120-G100X	■	■	■	□	□				
			20.0	30	28.5	1.00	0.80	3.80		2.20	57	BF6R/L-40200-G100X	■	■	■	□	□				
		4.5	13.5	20	18.5	1.00 1.50	0.90	4.28		2.40	47	BF6R/L-45135-G100X	■	■	■	□	□				
						1.00 1.50	0.90	4.28		2.40	47	BF6R/L-45135-G150X	■	■	■	□	□				
			22.5	30	28.5	1.00 1.50	0.90	4.28		2.40	57	BF6R/L-45225-G100X	■	■	■	□	□				
		5.0										2.40	57	BF6R/L-45225-G150X	■	■	■	□	□		
			15.0	20	18.5	1.00 1.50	1.00	4.75		2.50	47	BF6R/L-50150-G100X	■	■	■	□	□				
						1.00 1.50	1.00	4.75		2.50	47	BF6R/L-50150-G150X	■	■	■	□	□				
			25.0	30	28.5	1.00 1.50	1.00	4.75		2.50	57	BF6R/L-50250-G100X	■	■	■	□	□				
		5.5										2.50	57	BF6R/L-50250-G150X	■	■	■	□	□		
														2.40	47	BF6R/L-55165-G100X	■	■	■	□	□
			16.5	20	18.5	1.50 2.00	1.10	5.15		2.60	47	BF6R/L-55165-G150X	■	■	■	□	□				
						1.00 2.00								2.60	47	BF6R/L-55165-G200X	■	■	■	□	□
						1.00 2.00								2.60	57	BF6R/L-55275-G100X	■	■	■	□	□
						1.50 2.00	1.10	5.15		2.60	57	BF6R/L-55275-G150X	■	■	■	□	□				
			27.5	30	28.5	1.50 2.00	1.10	5.15		2.60	57	BF6R/L-55275-G200X	■	■	■	□	□				

■ = disponible / verfügbar / available

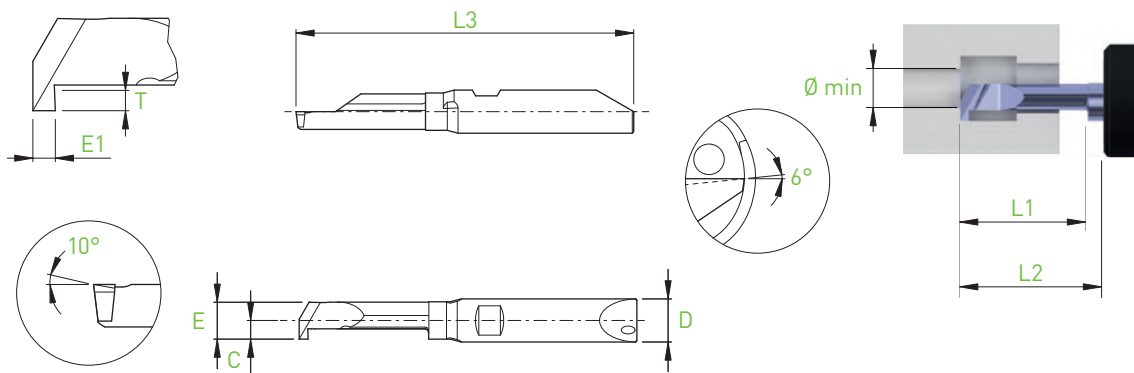
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Fonçage-tournage
Einstechen und drehen
Grooving and turning



BB4... / BB6...

GTX



D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E1	T	E	C	L3	Art. N°	R		L	
												P	P	P	P
4	BH4... BHS4... BHY4... BHK4...	3.0	9.0	15	13.5	1.00	0.60	2.7	1.45	37	BB4R/L-3090-GT100X	■	■	□	□
			15.0	20	18.5	1.00	0.60	2.7	1.45	42	BB4R/L-30150-GT100X	■	■	□	□
		3.5	10.5	15	13.5	1.00	0.70	3.15	1.6	37	BB4R/L-35105-GT100X	■	■	□	□
			17.5	20	18.5	1.00	0.70	3.15	1.6	42	BB4R/L-35175-GT100X	■	■	□	□
												■	■	□	□
												■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E1	T	E	C	L3	Art. N°	R		L	
												ZTAF	ZTAXF	ZN	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	14.0	20	18.5	1.25	0.80	3.8	2.2	47	BB6R/L-40140-GT125X	■	■	□	□
			22.0	30	28.5	1.25	0.80	3.8	2.2	57	BB6R/L-40220-GT125X	■	■	□	□
		4.5	16.0	20	18.5	1.25	0.90	4.28	2.4	47	BB6R/L-45160-GT125X	■	■	□	□
			25.0	30	28.5	1.25	0.90	4.28	2.4	57	BB6R/L-45250-GT125X	■	■	□	□
		5.0	17.5	20	18.5	1.25	1.00	4.75	2.5	47	BB6R/L-50175-GT125X	■	■	□	□
			27.5	30	28.5	1.25	1.00	4.75	2.5	57	BB6R/L-50275-GT125X	■	■	□	□
		5.5	17.5	20	18.5	1.25	1.10	5.15	2.6	47	BB6R/L-55175-GT125X	■	■	□	□
			27.5	30	28.5	1.25	1.10	5.15	2.6	57	BB6R/L-55275-GT125X	■	■	□	□
												■	■	□	□
												■	■	□	□

Fonçage-tournage

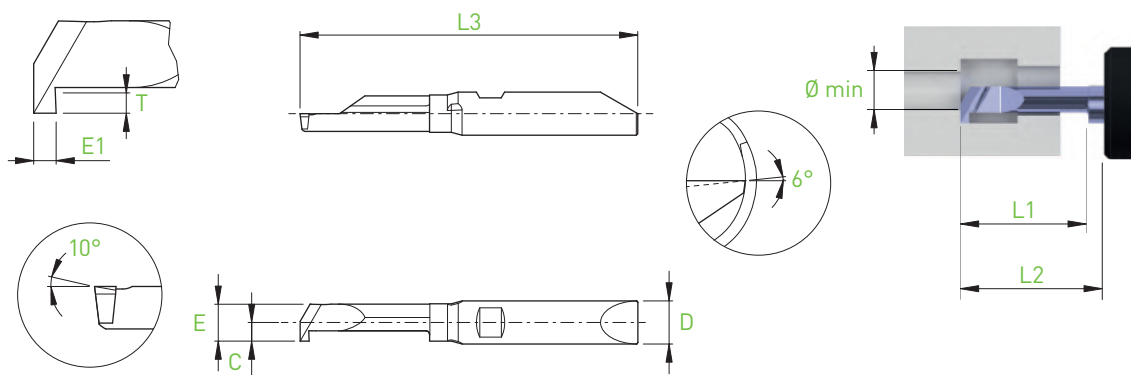
Einstecken und drehen

Grooving and turning



BF4... / BF6...

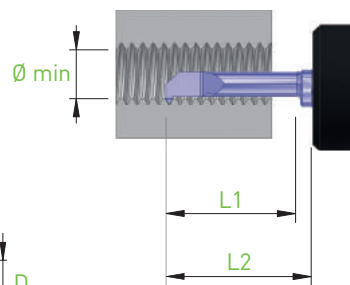
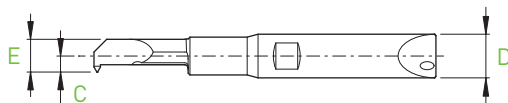
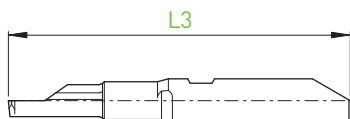
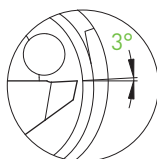
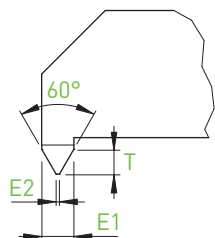
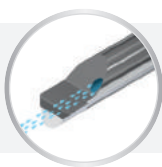
GTX



												R	L			
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E1	T	E	C	L3	Art. N°					
												ZTAF	ZTAXF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	3.0	9.0	15	13.5	1.00	0.60	2.7	1.45	37	BF4R/L-3090-GT100X	■	■	■	□	□
			15.0	20	18.5	1.00	0.60	2.7	1.45	42	BF4R/L-30150-GT100X	■	■	■	□	□
		3.5	10.5	15	13.5	1.00	0.70	3.15	1.6	37	BF4R/L-35105-GT100X	■	■	■	□	□
			17.5	20	18.5	1.00	0.70	3.15	1.6	42	BF4R/L-35175-GT100X	■	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E1	T	E	C	L3	Art. N°	ZTAF	ZTAXF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.0	14.0	20	18.5	1.25	0.80	3.8	2.2	47	BF6R/L-40140-GT125X	■	■	■	□	□
			22.0	30	28.5	1.25	0.80	3.8	2.2	57	BF6R/L-40220-GT125X	■	■	■	□	□
		4.5	16.0	20	18.5	1.25	0.90	4.28	2.4	47	BF6R/L-45160-GT125X	■	■	■	□	□
			25.0	30	28.5	1.25	0.90	4.28	2.4	57	BF6R/L-45250-GT125X	■	■	■	□	□
		5.0	17.5	20	18.5	1.25	1.00	4.75	2.5	47	BF6R/L-50175-GT125X	■	■	■	□	□
			27.5	30	28.5	1.25	1.00	4.75	2.5	57	BF6R/L-50275-GT125X	■	■	■	□	□
		5.5	17.5	20	18.5	1.25	1.10	5.15	2.6	47	BF6R/L-55175-GT125X	■	■	■	□	□
			27.5	30	28.5	1.25	1.10	5.15	2.6	57	BF6R/L-55275-GT125X	■	■	■	□	□
		6.0	19.0	20	18.5	1.25	1.10	5.15	2.6	47	BF6R/L-60175-GT125X	■	■	■	□	□
			29.0	30	28.5	1.25	1.10	5.15	2.6	57	BF6R/L-60275-GT125X	■	■	■	□	□

■ = disponible / verfügbar / available

□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability



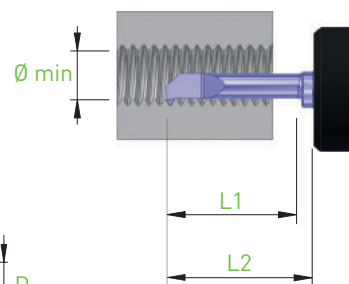
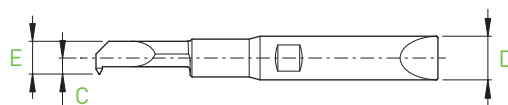
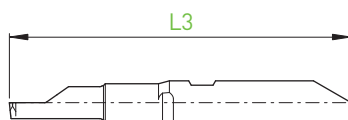
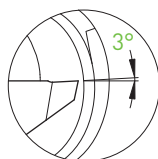
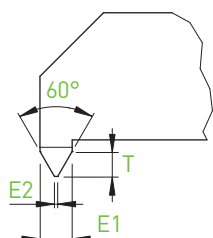
															R	L		
D _{h5}	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (mm)	P (TPI)	E1	E2 (0/-0.01)	T	E	C	L3	Art. N°	P M S ZTAF	P S ZN	P M S ZTAF	P S ZN
4	BH4... BHS4... BHY4... BHK4...	1.25	3.2	10	8.5	0.20-0.35	80	0.30	0.02	0.25	1.10	0.80	32	BB4R/L-1232-TP60	■	■	□	□
		1.6	4.0	10	8.5	0.25-0.40	72-64	0.35	0.03	0.28	1.41	0.90	32	BB4R/L-1640-TP60	■	■	□	□
		2.5	6.0	10	8.5	0.35-0.50	56-48	0.44	0.04	0.34	2.25	1.35	32	BB4R/L-2560-TP60	■	■	□	□
			9.0	15	13.5	0.35-0.50	56-48	0.44	0.04	0.34	2.25	1.35	37	BB4R/L-2590-TP60	■	■	□	□
		3.3	8.0	15	13.5	0.50-0.75	40-36	0.62	0.06	0.48	2.97	1.50	37	BB4R/L-3380-TP60	■	■	□	□
			12.0	15	13.5	0.50-0.75	40-36	0.62	0.06	0.48	2.97	1.50	37	BB4R/L-33120-TP60	■	■	□	□
D _{h5}	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	P (mm)	P (TPI)	E1	E2 (0/-0.01)	T	E	C	L3	Art. N°	ZTAF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.2	10.0	20	18.5	0.50-0.80	36-32	0.70	0.06	0.55	3.78	2.10	47	BB6R/L-42100-TP60	■	■	□	□
			15.0	20	18.5	0.50-0.80	36-32	0.70	0.06	0.55	3.78	2.10	47	BB6R/L-42150-TP60	■	■	□	□
		5.0	12.0	20	18.5	0.75-1.00	28-24	0.89	0.09	0.69	4.50	2.20	47	BB6R/L-50120-TP60	■	■	□	□
			18.0	20	18.5	0.75-1.00	28-24	0.89	0.09	0.69	4.50	2.20	47	BB6R/L-50180-TP60	■	■	□	□

Filetage
Gewindedrehen
Threading



BF4... / BF6...

TP60

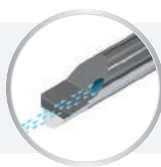


D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (mm)	P (TPI)	E1	E2 (0/-0.01)	T	E	C	L3	Art. N°	R		L	
															ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	1.25	3.2	10	8.5	0.20-0.35	80	0.30	0.02	0.25	1.10	0.80	32	BF4R/L-1232-TP60	■	■	□	□
		1.6	4.0	10	8.5	0.25-0.40	72-64	0.35	0.03	0.28	1.41	0.90	32	BF4R/L-1640-TP60	■	■	□	□
		2.5	6.0	10	8.5	0.35-0.50	56-48	0.44	0.04	0.34	2.25	1.35	32	BF4R/L-2560-TP60	■	■	□	□
			9.0	15	13.5	0.35-0.50	56-48	0.44	0.04	0.34	2.25	1.35	37	BF4R/L-2590-TP60	■	■	□	□
		3.3	8.0	15	13.5	0.50-0.75	40-36	0.62	0.06	0.48	2.97	1.50	37	BF4R/L-3380-TP60	■	■	□	□
			12.0	15	13.5	0.50-0.75	40-36	0.62	0.06	0.48	2.97	1.50	37	BF4R/L-33120-TP60	■	■	□	□
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	P (mm)	P (TPI)	E1	E2 (0/-0.01)	T	E	C	L3	Art. N°	R		L	
															ZTAF	ZN	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	4.2	10.0	20	18.5	0.50-0.80	36-32	0.70	0.06	0.55	3.78	2.10	47	BF6R/L-42100-TP60	■	■	□	□
			15.0	20	18.5	0.50-0.80	36-32	0.70	0.06	0.55	3.78	2.10	47	BF6R/L-42150-TP60	■	■	□	□
		5.0	12.0	20	18.5	0.75-1.00	28-24	0.89	0.09	0.69	4.50	2.20	47	BF6R/L-50120-TP60	■	■	□	□
			18.0	20	18.5	0.75-1.00	28-24	0.89	0.09	0.69	4.50	2.20	47	BF6R/L-50180-TP60	■	■	□	□

■ = disponible / verfügbar / available

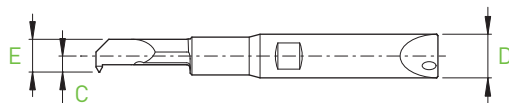
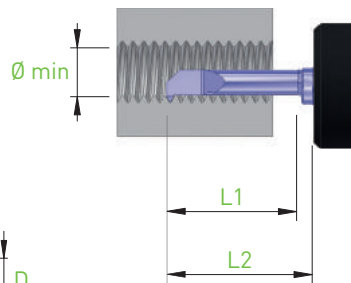
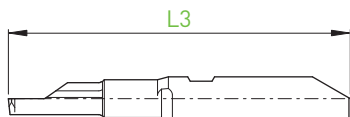
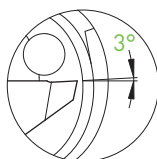
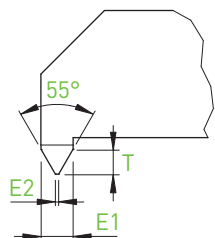
□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending the stock availability

Filetage
Gewindedrehen
Threading



BB4... / BB6...

TP55



													R		L	
D h5	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (TPI)	E1	E2 (0/-0.02)	T	E	C	L3	Art. N°	ZTAF ZN	ZTAF ZN	ZTAF ZN
4	BH4...	1.85	4.5	10	8.5	48	0.54	0.09	0.44	1.67	0.97	32	BB4R/L-1845-TP55	■ ■	□ □	□ □
	BHS4...															
	BHY4...	2.55	6.0	10	8.5	40	0.64	0.10	0.52	2.25	1.35	32	BB4R/L-2560-TP55	■ ■	□ □	□ □
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	P (TPI)	E1	E2 (0/-0.02)	T	E	C	L3	Art. N°	ZTAF ZN	ZTAF ZN	ZTAF ZN
6	BH6...	3.70	11.0	20	18.5	32-24	1.08	0.13	0.91	3.33	1.83	47	BB6R/L-37110-TP55	■ ■	□ □	□ □
	BHS6...	5.10	15.0	20	18.5	26-20	1.30	0.16	1.09	4.60	2.05	47	BB6R/L-51150-TP55	■ ■	□ □	□ □
	BHY6...															
	BHK6...	5.50	16.0	20	18.5	22-16	1.48	0.19	1.24	5.15	2.60	47	BB6R/L-55160-TP55	■ ■	□ □	□ □

Filetage

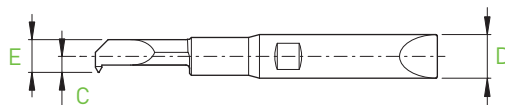
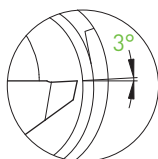
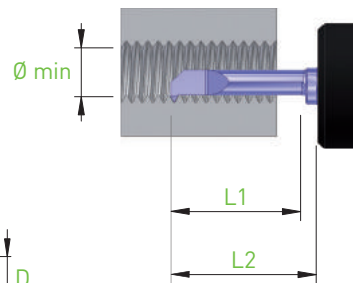
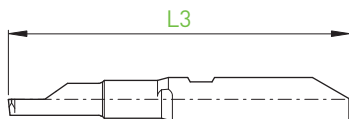
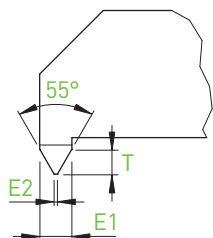
Gewindedrehen

Threading

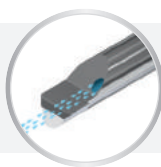


BF4... / BF6...

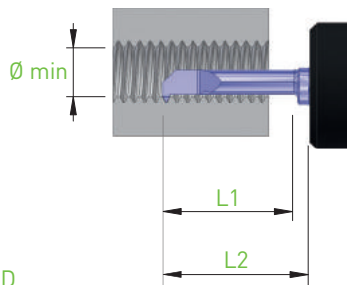
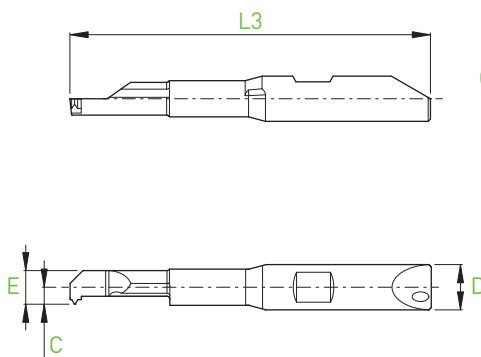
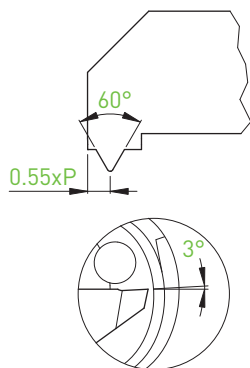
TP55



														R	L
D _{h5}	Holder	Ø _{min}	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (TPI)	E1	E2 (0/-0.02)	T	E	C	L3	Art. N°	T P M S ZTAF ZN	T P M S ZTAF ZN
4	BH4... BHS4... BHY4... BHK4...	1.85	4.5	10	8.5	48	0.54	0.09	0.44	1.67	0.97	32	BF4R/L-1845-TP55	■ ■	□ □
		2.55	6.0	10	8.5	40	0.64	0.10	0.52	2.25	1.35	32	BF4R/L-2560-TP55	■ ■	□ □
D _{h5}	Holder	Ø _{min}	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	P (TPI)	E1	E2 (0/-0.02)	T	E	C	L3	Art. N°	ZTAF ZN	ZTAF ZN
6	BH6... BHS6... BHY6... BHK6...	3.70	11.0	20	18.5	32-24	1.08	0.13	0.91	3.33	1.83	47	BF6R/L-37110-TP55	■ ■	□ □
		5.10	15.0	20	18.5	26-20	1.30	0.16	1.09	4.60	2.05	47	BF6R/L-51150-TP55	■ ■	□ □
		5.50	16.0	20	18.5	22-16	1.48	0.19	1.24	5.15	2.60	47	BF6R/L-55160-TP55	■ ■	□ □



Profil complet métrique
Metrisches Vollprofil
Metric full profile



R

D h5	Holder	M (min)	Ø min	P (mm)	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	C	L3	Art. N°	ZTAF	P	P	M	N	S	S	ZN
4	BH4... BHS4... BHY4... BHK4...	M3x0.5	2.50	0.50	6.0	10	8.5	2.25	1.35	32	BB4R-2560-TM-0.50	■	■						
		M4x0.7	3.30	0.70	8.0	15	13.5	2.97	1.50	37	BB4R-3380-TM-0.70	■	■						
D h5	Holder	M (min)	Ø min	P (mm)	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	C	L3	Art. N°	ZTAF	P	P	M	N	S	S	ZN
6	BH6... BHS6... BHY6... BHK6...	M5x0.8	4.20	0.80	10.0	20	18.5	3.78	2.10	47	BB6R-42100-TM-0.80	■	■						
		M6x1.0	5.00	1.00	12.0	20	18.5	4.50	2.20	47	BB6R-50120-TM-1.00	■	■						

Filetage

Gewindedrehen

Threading



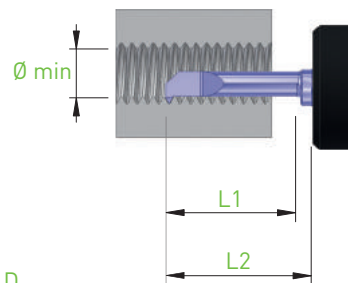
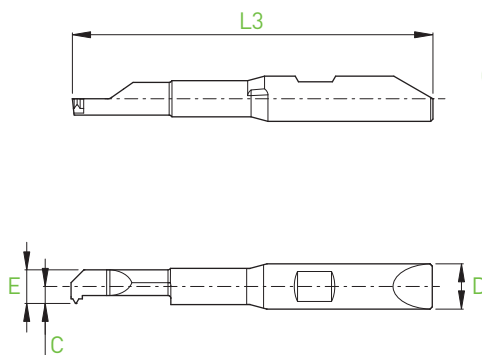
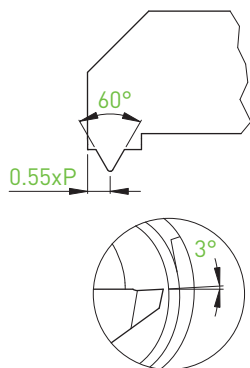
BF4... / BF6...

TM

Profil complet métrique

Metrisches Vollprofil

Metric full profile



R

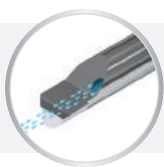
D h5	Holder	M (min)	Ø min	P (mm)	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	C	L3	Art. N°	ZTAF ZN
4	BH4... BHS4... BHY4... BHK4...	M3x0.5	2.50	0.50	6.0	10	8.5	2.25	1.35	32	BF4R-2560-TM-0.50	■ ■
		M4x0.7	3.30	0.70	8.0	15	13.5	2.97	1.50	37	BF4R-3380-TM-0.70	■ ■
D h5	Holder	M (min)	Ø min	P (mm)	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	C	L3	Art. N°	ZTAF ZN
6	BH6... BHS6... BHY6... BHK6...	M5x0.8	4.20	0.80	10.0	20	18.5	3.78	2.10	47	BF6R-42100-TM-0.80	■ ■
		M6x1.0	5.00	1.00	12.0	20	18.5	4.50	2.20	47	BF6R-50120-TM-1.00	■ ■

IN-LINE

Gorge frontale extérieure

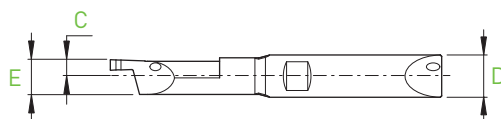
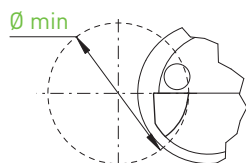
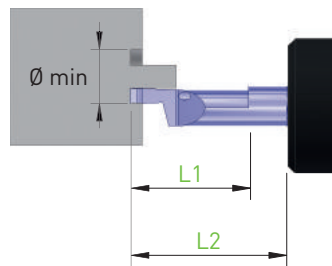
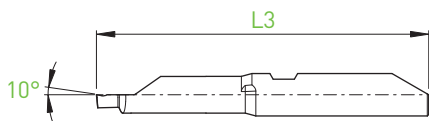
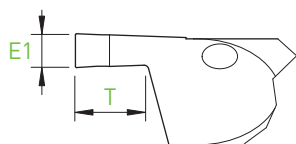
Aussen axiales stechen

External axial grooving



BB6...

FEG

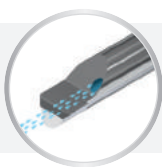


												R	
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	E1	L3	Art. N°	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	5.0	15.0	20	18.5	3.00	4.90	2.30	1.50	47	BB6R-50150-FEG150X	■	■

Gorge frontale intérieure

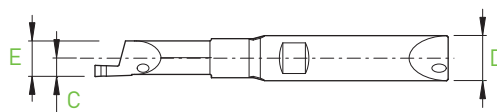
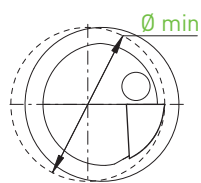
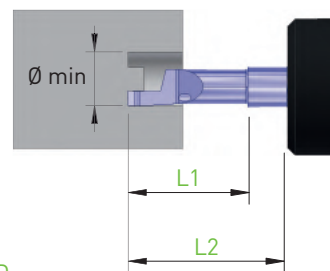
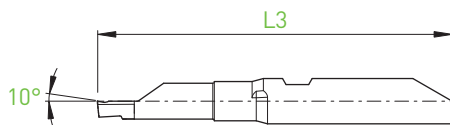
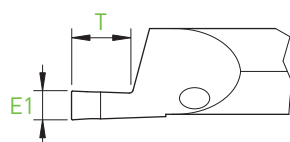
Innen axiales stechen

Internal axial grooving



BB6...

FIG



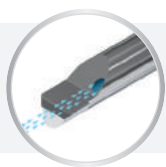
											R		
D h5	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	E	C	E1	L3	Art. N°	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	5.0	15.0	20	18.5	3.00	4.75	2.45	1.50	47	BB6R-50150-FIG150X	■	■

IN-LINE

Ébauches avec arrosage

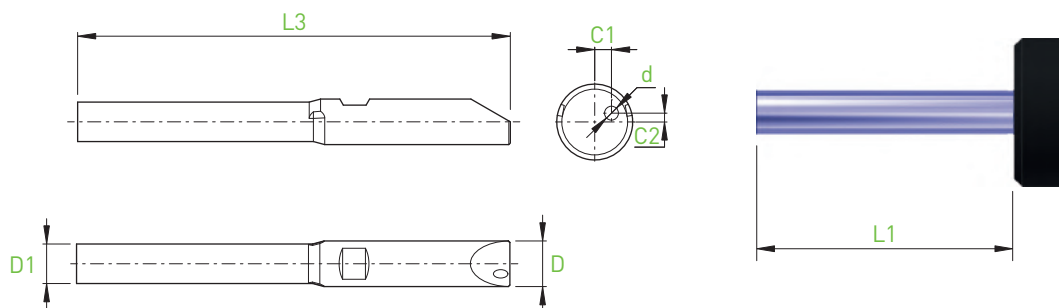
Rohlinge mit Kühlung

Blanks with coolant



BB4... / BB6...

BB_E



D h5	Holder	L1 BH4... BHY4...	L1 BHS4... BHK4...	D1	C1	C2	d	L3	Art. N°	NZ
4	BH4... BHS4... BHY4... BHK4...	20.0	18.5	3.20	0.84	0.55	0.85	42	BB4R-E42	■
D h5	Holder	L1 BH6... BHY6...	L1 BHS6... BHK6...	D1	C1	C2	d	L3	Art. N°	NZ
6	BH6... BHS6... BHY6... BHK6...	30.0	28.5	5.20	1.33	0.70	1.10	57	BB6R-E57	■

Ébauches

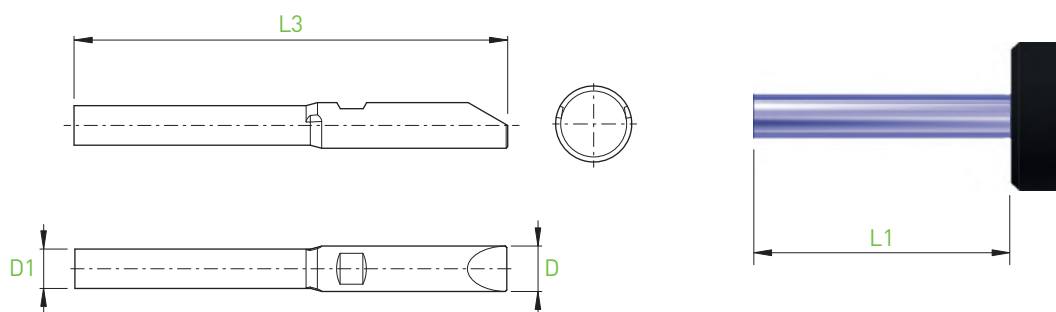
Rohlinge

Blanks

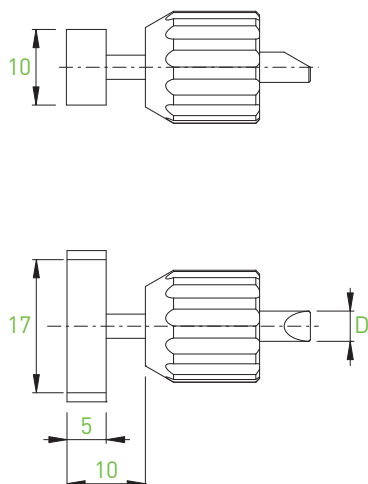


BF4... / BF6...

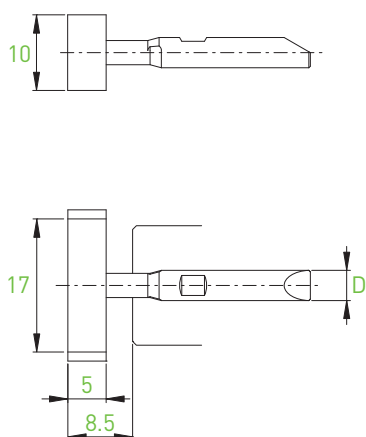
BF_E



D _{h5}	Holder	L1 BH4... BHY4...	L1 BHS4... BHK4...	D1	L3	Art. N°	NZ
4	BH4... BHS4... BHY4... BHK4...	20.0	18.5	3.20	42	BF4-E42	■
D _{h5}	Holder	L1 BH6... BHY6...	L1 BHS6... BHK6...	D1	L3	Art. N°	NZ
6	BH6... BHS6... BHY6... BHK6...	30.0	28.5	5.20	57	BF6-E57	■



D _{h5}	Art. N°	
4	BH4-MASTER	■
6	BH6-MASTER	■



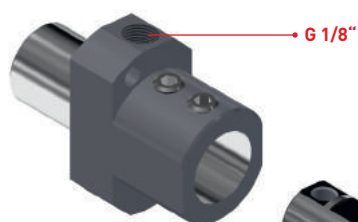
D _{h5}	Art. N°	
4	BHSY4-MASTER	■
6	BHSY6-MASTER	■

Porte-outils avec arrosage pour contre-opération - Machines STAR

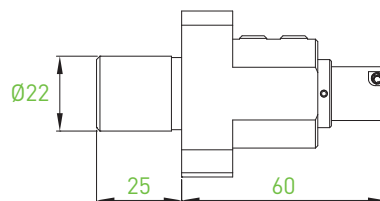
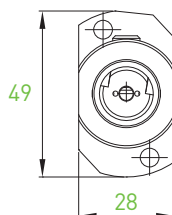
Halter mit Kühlungssystem für Gegenbearbeitung – STAR-Maschinen

Backworking holders with through coolant – STAR-Machines

BH4 / BH6
BHS4 / BHS6



G 1/8"



Art. N°

BWD1-2022-STAR-SRR



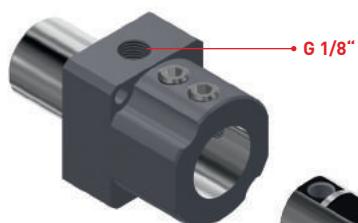
Art. N°

BHS4-D20-55-BWD1

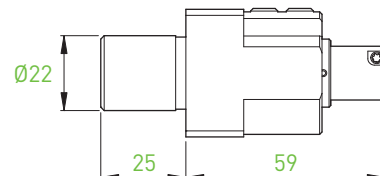
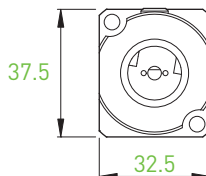
BHS6-D20-55-BWD1

Types of STAR machines

SR10J (T22+T24)
SB16/20 Types C + D + E (T21-T24)
SB20R Types E + G + N (T21-T24)
SR20J / JN (T21-T24)
SR20R / II / III (T21-T24)
SR20R IV (T21-T24)
SR32J/JN (T21-T24)
SW12R II (T21-T24)
SV20R (T21-T24)
ECAS12/20 (T21-T24)
SW20 (T21-T23)



G 1/8"



Art. N°

BWD1-2022-STAR-SW



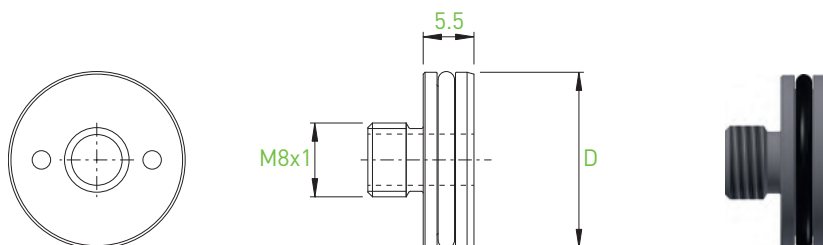
Art. N°

BHS4-D20-55-BWD1

BHS6-D20-55-BWD1

Types of STAR machines

SW12R II (T21-T28)
SW20 (T21-T23 + T25-T27)
SV20R (T21-T28)
SR-20R IV (T21-T28)
SB12/20R (T22-T24)
SR38 (T21-T28)



D	Art. N°	
19.05	JB-M8X1-D19.05	■
20	JB-M8X1-D20	■
22	JB-M8X1-D22	■
25	JB-M8X1-D25	■
25.4	JB-M8X1-D25.4	■