

IN-Line

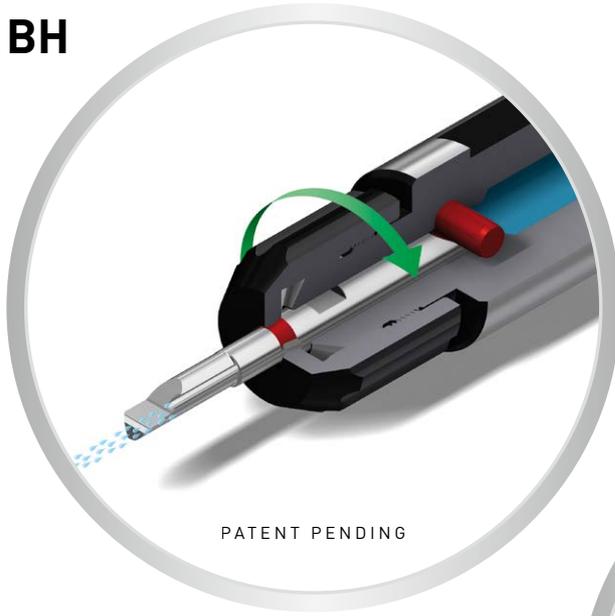
2016



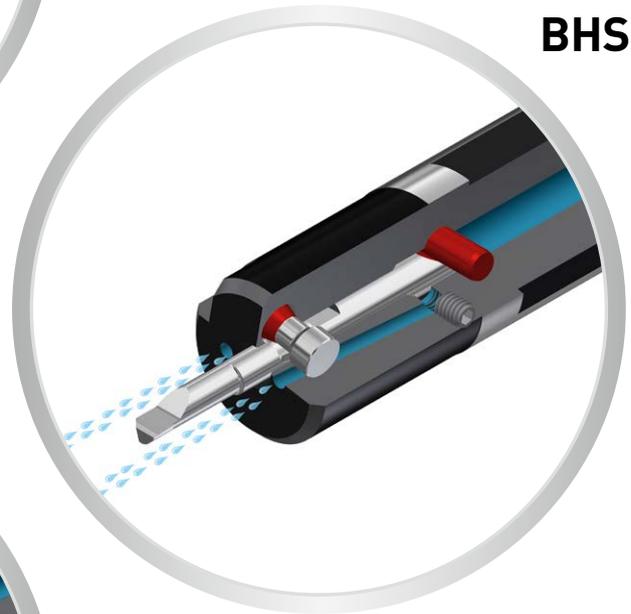
IN-Line

APPLITEC

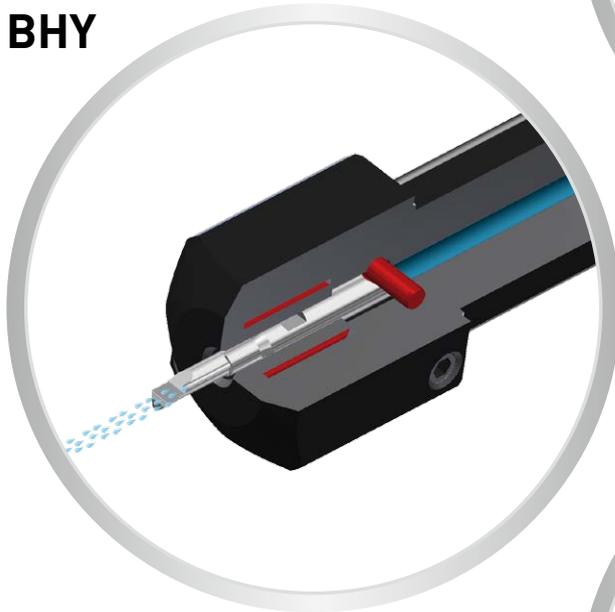
BH



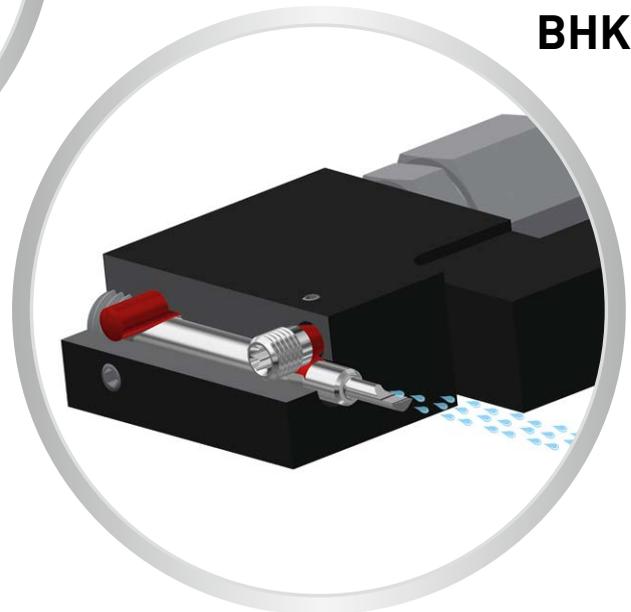
BHS

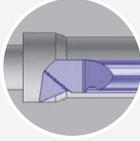
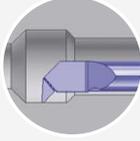
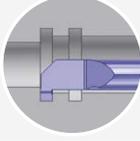
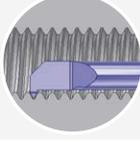
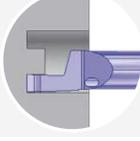


BHY



BHK



Système de désignation Bezeichnungssystem Designation system	Info		> 2
Nuances & paramètres de coupe Sorten & Schnittwerte Grades & machining data			> 7
Porte-outils Halter Holders	BH / BHS / BHY / BHK		> 8
Alésage Ausbohren Boring	BA / BAX		> 16
Alésage-copiage Ausbohren-kopieren Boring chambering	BCX		> 20
Copiage Kopieren Chambering	C45 / C45X		> 22
Gorge Einstecken Grooving	GX		> 26
Filetage Gewindedrehen Threading	TP / TM		> 28
Gorge frontale Axiales stechen Axial grooving	FEG / FIG	 	> 32
Ebauches / Jauges d'alignement / Accessoires Rohlinge / Richtplatten / Zubehöre Blanks / Adjusting tools / Accessories			> 34

IN-Line

Système de désignation des porte-outils

Halter Bezeichnungssystem

Holder designation system

BH / BHS / BHY



H

HS

HY

B

H

4

-

D

20

-

100

Longueur
Länge
Length

Ø queue
Schaft Ø
Shank Ø

Queue cylindrique
Zylindrischer Schaft
Cylindrical shank

Ø alésage
Bohrung Ø
Bore Ø

Porte-outils
Halter
Holders

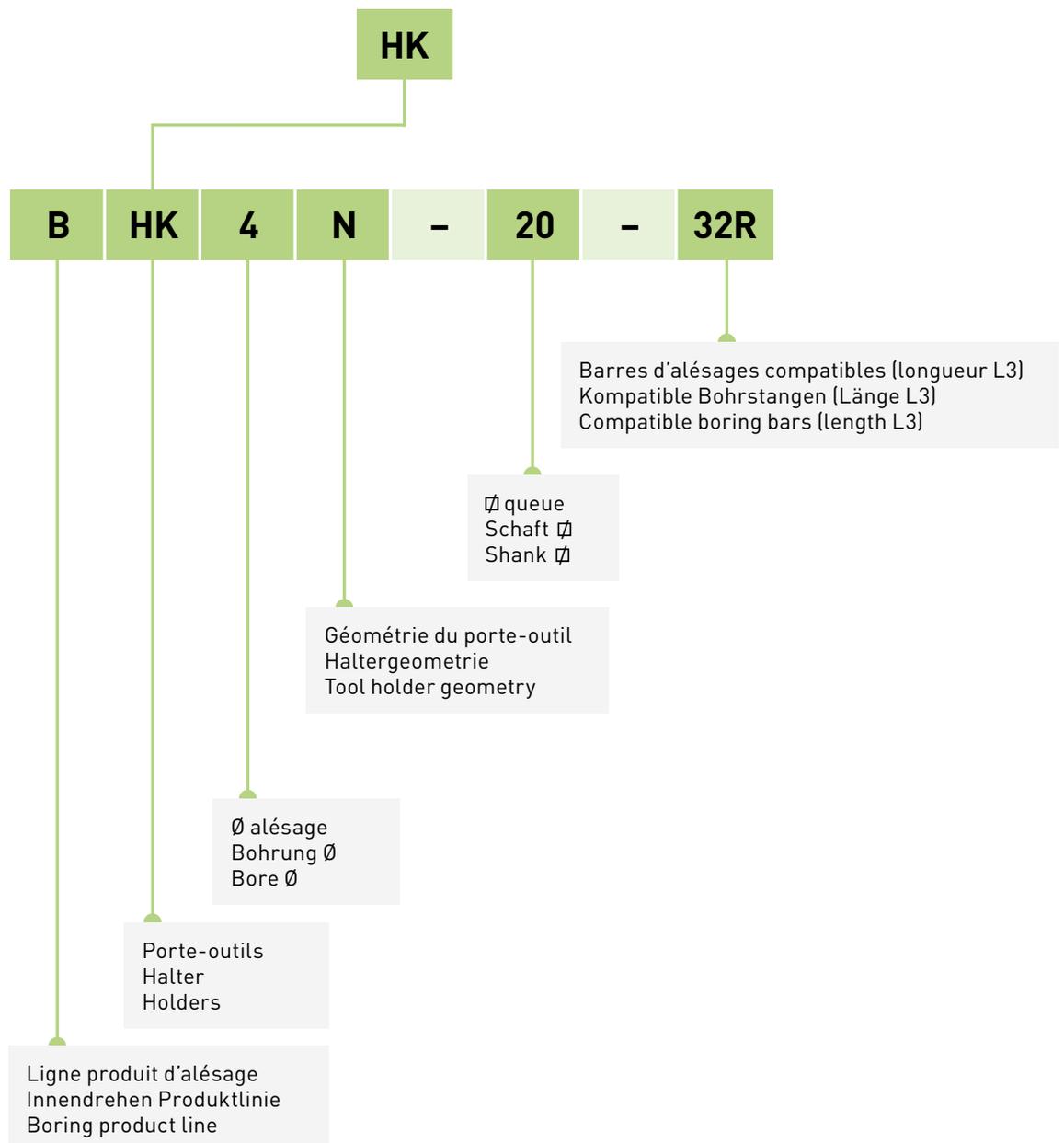
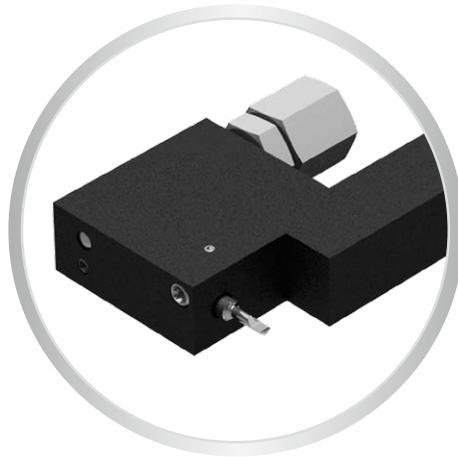
Ligne produit d'alésage
Innendrehen Produktlinie
Boring product line

Système de désignation des porte-outils

Halter Bezeichnungssystem

Holder designation system

BHK



IN-Line

Système de désignation des barres d'alésage

Bohrstangen Bezeichnungssystem

Boring bars designation system



B

F

B B 4 R - 25 - 75 - BAX - R05 - ZN

B

B

4

R

-

25

-

75

-

BAX

-

R05

-

ZN

Longueur utile
Effective Nutzlänge
Length

Ø minimal
Minimal Ø
Minimum Ø

Nuance
Sorte
Grade

Indication complémentaire
Zusätzliche Angabe
Additional indication

R= rayon / Radius / radius

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

Géométries de coupe
Schneidgeometrien
Cutting geometries

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

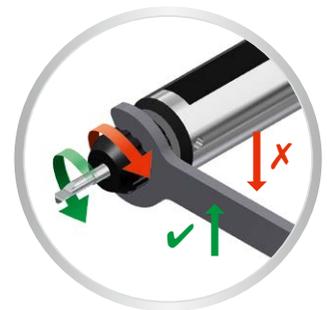
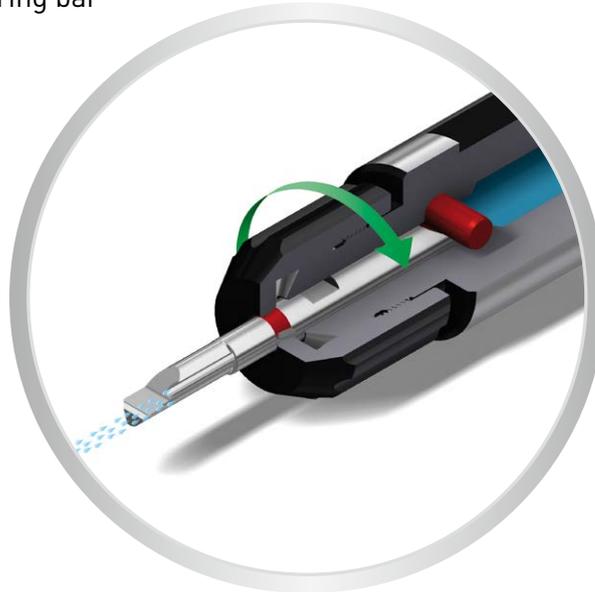
Porte-outils avec écrou de serrage

Halter mit Spannmutter

Tool holder with clamping nut

BH

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



Porte-outils avec arrosage multiple

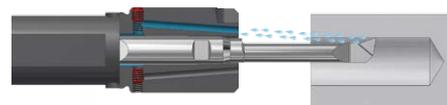
Halter mit mehrfaches Kühlungssystem

Tool holders with multiple coolant system

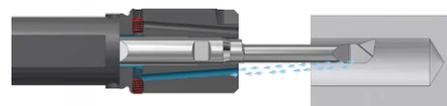
BHS

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

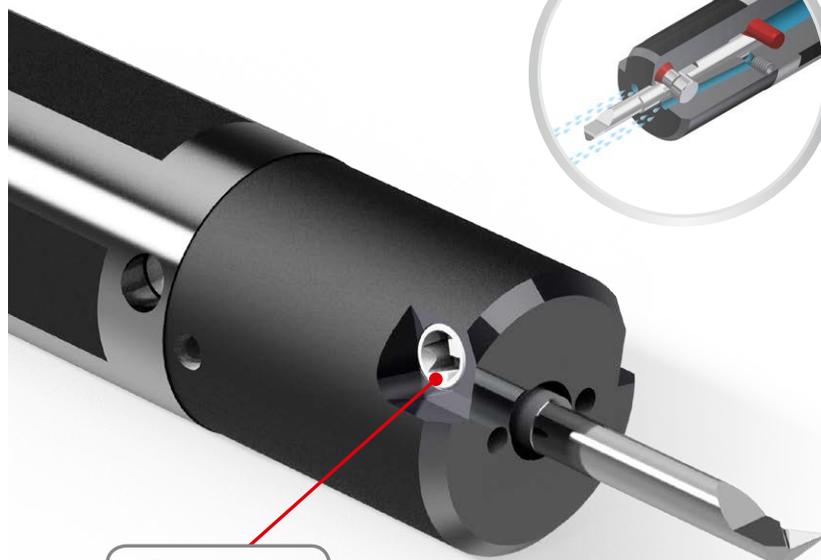
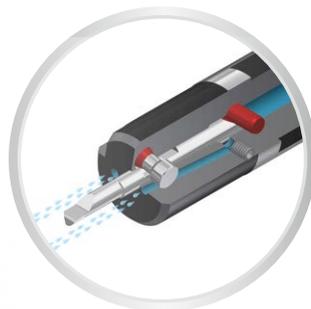
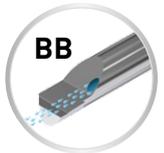
Arrosage sur l'arête de coupe
Kühlung auf der Schneidkante
Cooling on the cutting edge



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



$\curvearrowright = 1.0 \text{ Nm}$

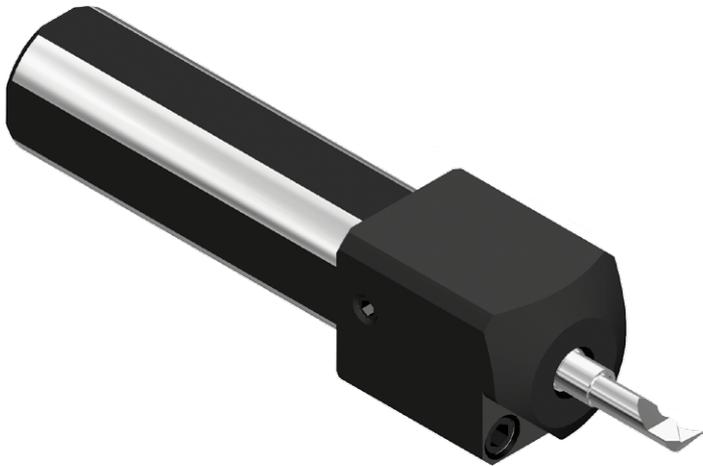
IN-Line

Porte-outils à serrage hydraulique

Halter mit Hydro-Dehnspann-System

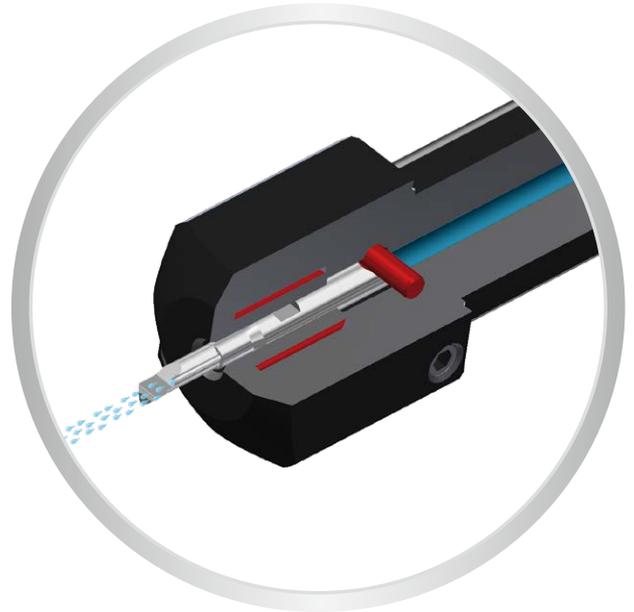
Tool holders with hydraulic clamping system

BHY



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

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



Porte-outils coudés

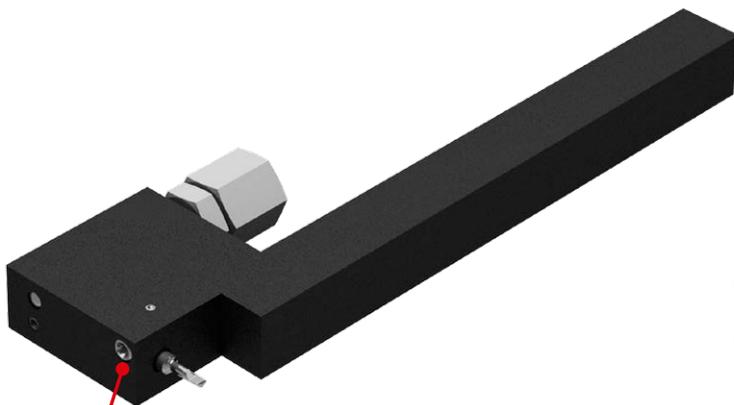
Gekröpfte Halter

Cranked tool holders

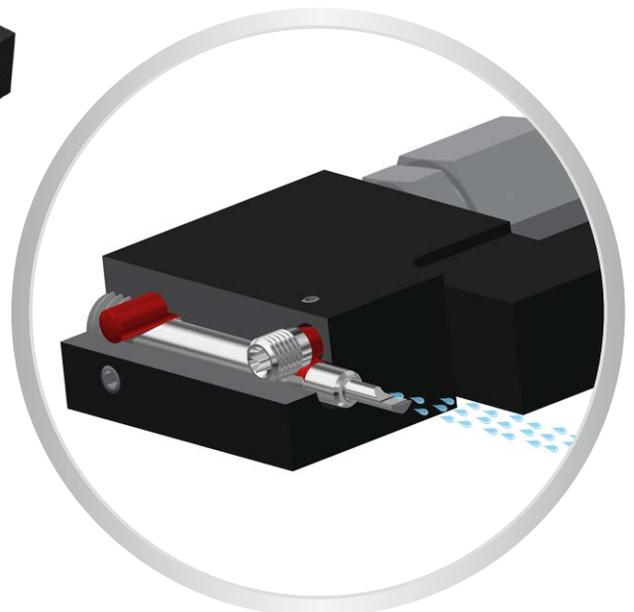
BHK

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



 = 1.0 Nm



Nuances & paramètres de coupe

Sorten & Schnittwerte

Grades & machining data

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

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

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	60-100	0.02-0.03	0.02-0.08	0.03-0.10
Acier faiblement allié Leicht legierter Stahl Low alloyed steel	50-80	0.01-0.03	0.02-0.05	0.03-0.06
Acier fortement allié Legierter Stahl High alloyed steel	40-60	0.01-0.02	0.02-0.04	0.02-0.06
Acier inoxydable Rostfreistahl Stainless steel	40-90	0.01-0.03	0.02-0.05	0.03-0.08
Aluminium	60-150	0.01-0.03	0.02-0.06	0.03-0.10
Titane Titan Titanium	30-70	0.01-0.03	0.02-0.05	0.03-0.10
Cuivre, laiton, bronze Kupfer, Messing, Bronze Copper, brass, bronze	60-150	0.01-0.03	0.02-0.05	0.03-0.08

IN-Line

Porte-outils avec écrou de serrage

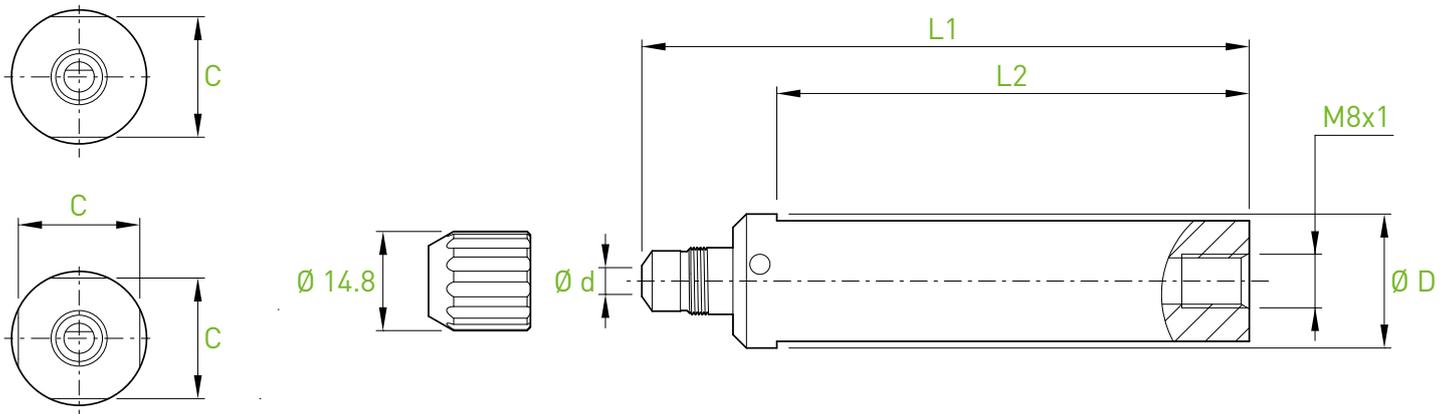
Halter mit Spannmutter

Tool holder with clamping nut

BH4...



> page 5



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

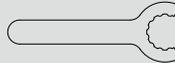
Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BH4...

BH4-M10



Art. N°

C-BH4-M10

Option



Art. N°

BH4...

J-M8x1-D6

Porte-outils avec écrou de serrage

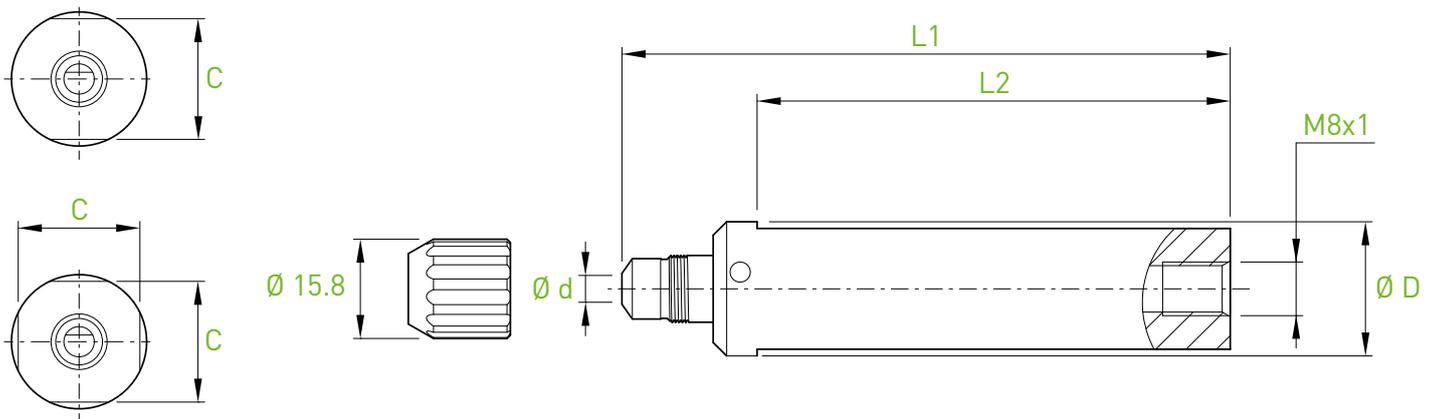
Halter mit Spannmutter

Tool holder with clamping nut

BH6...



> page 5



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

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BH6...

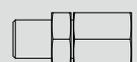
BH6-M12



Art. N°

C-BH6-M12

Option



Art. N°

BH6...

J-M8x1-D6

■ = disponible / verfügbar / available

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

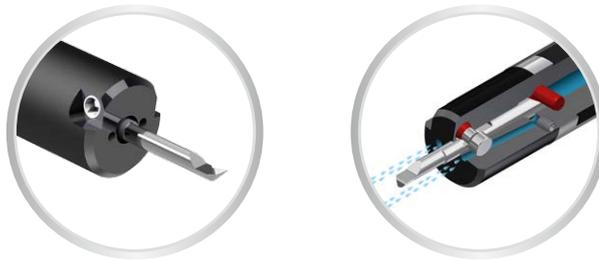
IN-Line

Porte-outils avec arrosage multiple

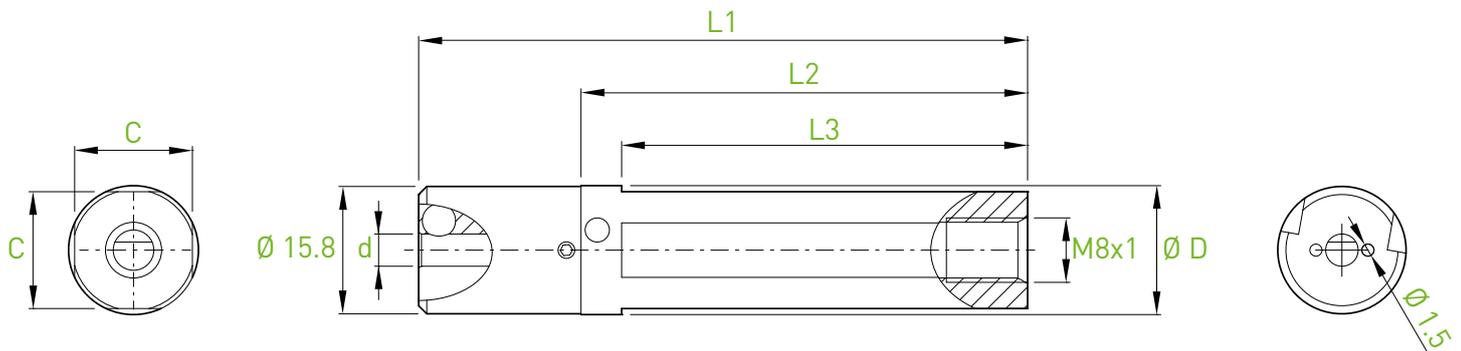
Halter mit mehrfaches Kühlungssystem

Tool holders with multiple coolant system

BHS4...

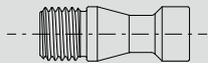


> page 5



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

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BHS4...

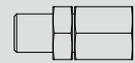
V-BHS-M4x0.5-T8



Art. N°

C-T8

Option



Art. N°

BHS4...

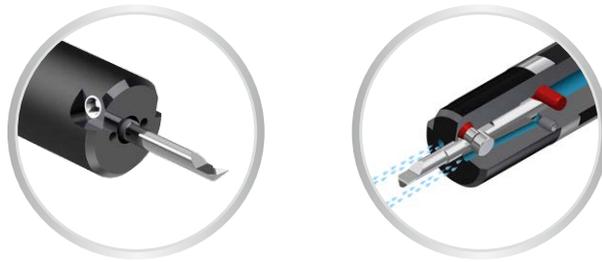
J-M8x1-D6

Porte-outils avec arrosage multiple

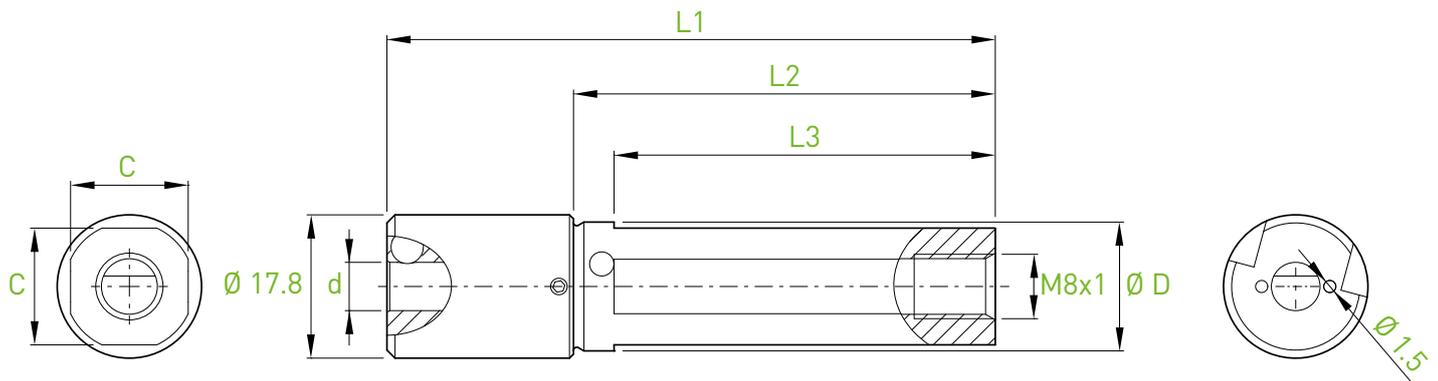
Halter mit mehrfaches Kühlungssystem

Tool holders with multiple coolant system

BHS6...

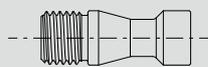


> page 5



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

Pièces de rechange
Ersatzteile
Spare parts



Art. N°



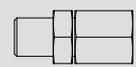
Art. N°

BHS6...

V-BHS-M4x0.5-T8

C-T8

Option



Art. N°

BHS6...

J-M8x1-D6

IN-Line

Porte-outils à serrage hydraulique

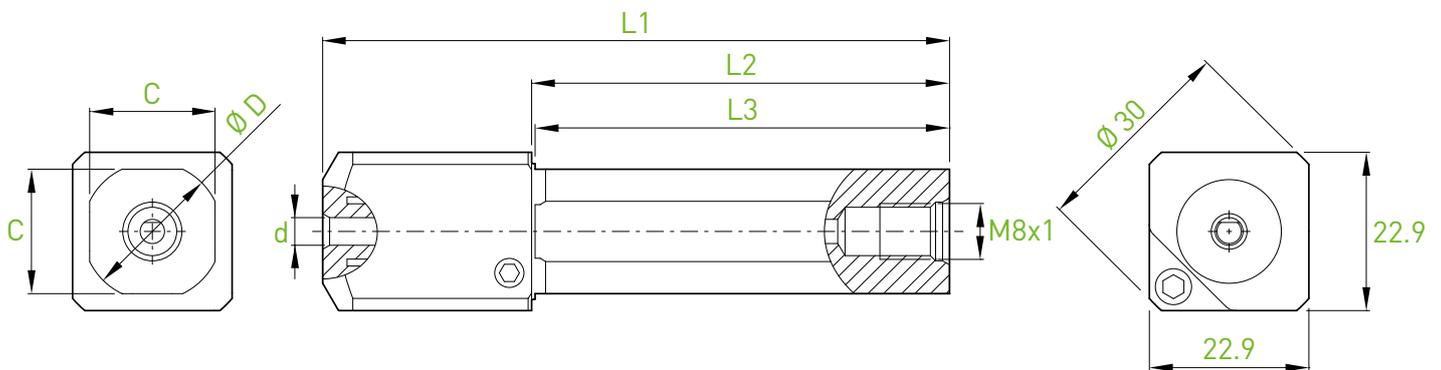
Halter mit Hydro-Dehnspann-System

Tool holders with hydraulic clamping system

BHY4...



> page 6



d	Bars	D	L1	L2	L3	C	Art. N°
4	BB4... BF4...	12	90	60	59.5	11.2	BHY4-D12-90-F4
		16	90	60	59.5	14.5	BHY4-D16-90-F4
		19.05	90	60	59.5	17	BHY4-D19.05-90-F4
		20	90	60	59.5	18	BHY4-D20-90-F4
		22	90	60	59.5	20	BHY4-D22-90-F4
		25	100	70	70	23	BHY4-D25-100-F4

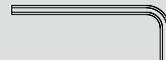
Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BHY4...

J-M8x1-D6



Art. N°

C-6P3.0

Porte-outils à serrage hydraulique

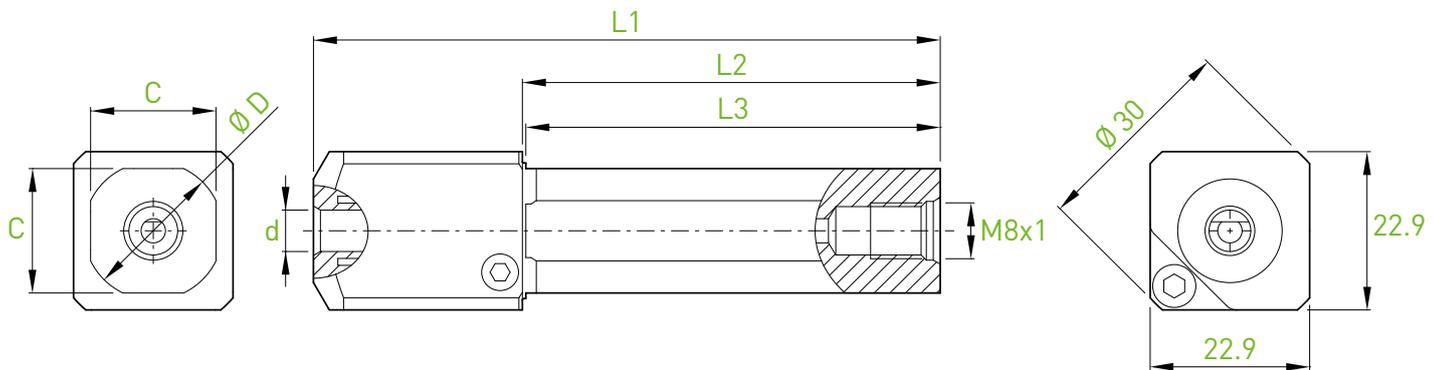
Halter mit Hydro-Dehnspann-System

Tool holders with hydraulic clamping system

BHY6...



> page 6



d	Bars	D	L1	L2	L3	C	Art. N°
6	BB6... BF6...	12	90	60	59.5	11.2	BHY6-D12-90-F4
		16	90	60	59.5	14.5	BHY6-D16-90-F4
		19.05	90	60	59.5	17	BHY6-D19.05-90-F4
		20	90	60	59.5	18	BHY6-D20-90-F4
		22	90	60	59.5	20	BHY6-D22-90-F4
		25	100	70	70	23	BHY6-D25-100-F4

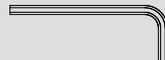
Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BHY6...

J-M8x1-D6



Art. N°

C-6P3.0

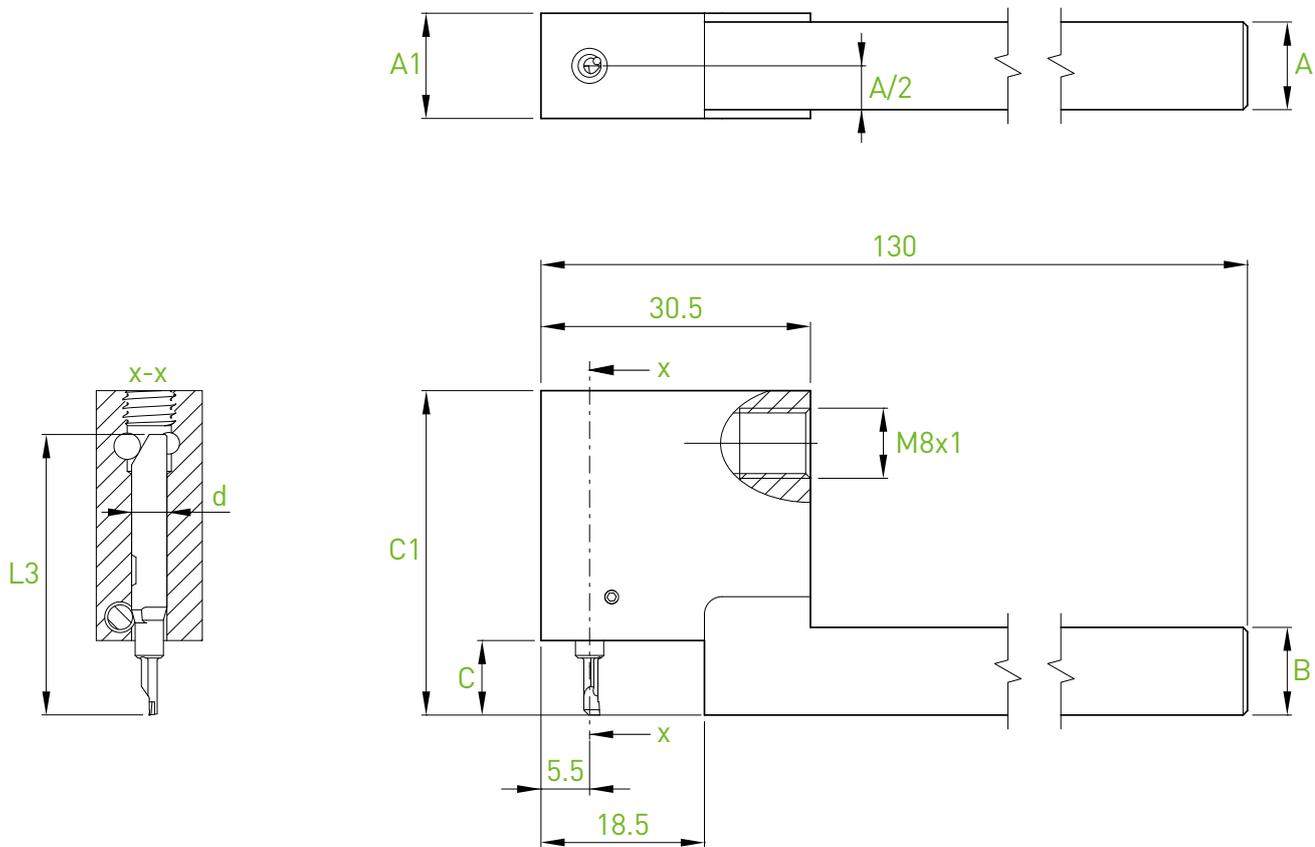
IN-Line

Porte-outils coudés

Kröpfhalter

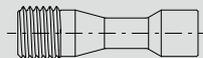
Cranked tool holders

BHK4N...



d	Compatible bars L3	A	B	C	C1	A1	Art. N°
4	32	8	8	8.5	37	12	BHK4N-0808X-32R
		10	10	8.5	37	12	BHK4N-1010X-32R
		12	12	8.5	37	12	BHK4N-1212X-32R
		16	16	8.5	37	16	BHK4N-1616X-32R
	37	8	8	13.5	42	12	BHK4N-0808X-37R
		10	10	13.5	42	12	BHK4N-1010X-37R
		12	12	13.5	42	12	BHK4N-1212X-37R
		16	16	13.5	42	16	BHK4N-1616X-37R
	42	10	10	18.5	47	12	BHK4N-1010X-42R
		12	12	18.5	47	12	BHK4N-1212X-42R
		16	16	18.5	47	16	BHK4N-1616X-42R

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

BHK4N...

V-BHK-M4x0.5-T8



Art. N°

C-T8

Option



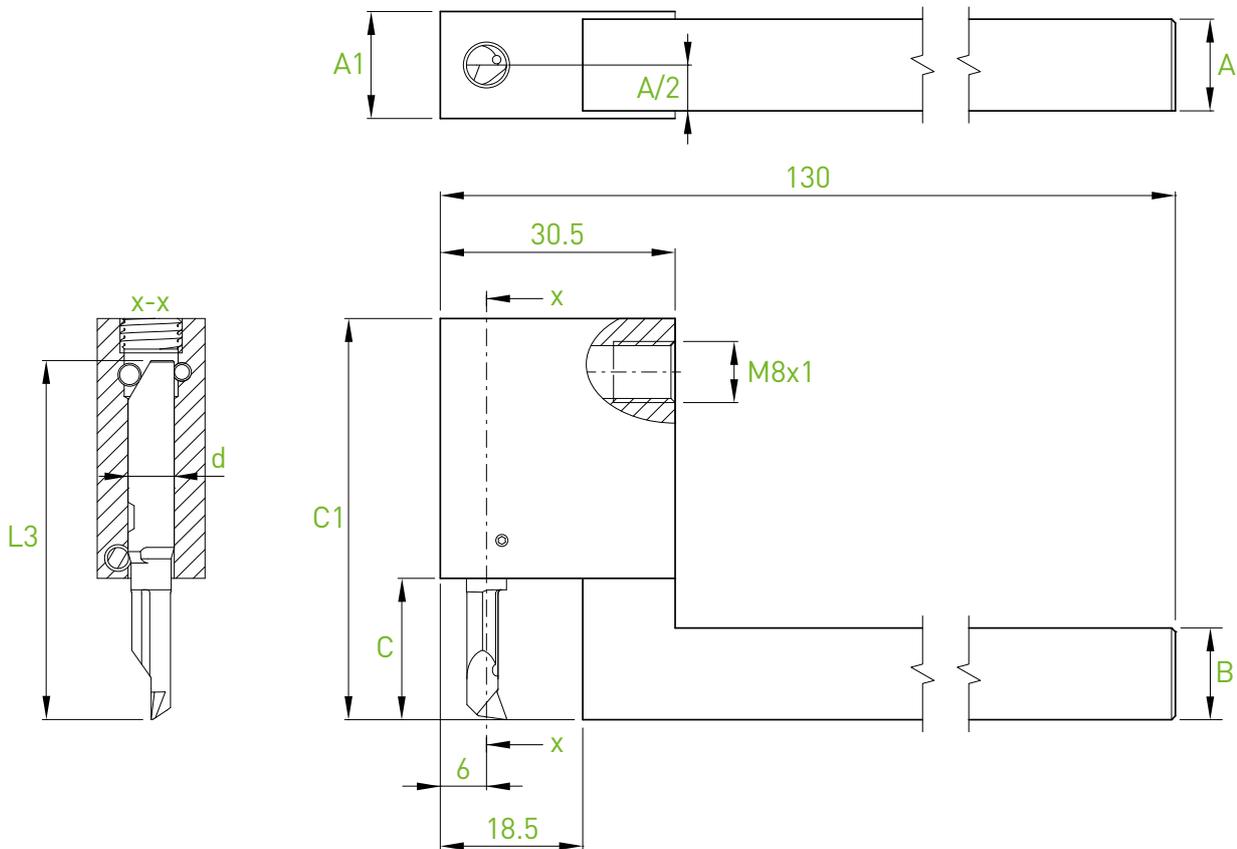
Art. N°

BHK4N...

J-M8x1-D6

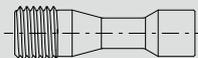
Porte-outils coudés
 Kröpfhalter
 Cranked tool holders

BHK6N...



d	Compatible bars L3	A	B	C	C1	A1	Art. N°	
6	BB6R... BF6R...	47	10	10	18.5	52.5	12	BHK6N-1010X-47R
			12	12	18.5	52.5	12	BHK6N-1212X-47R
			16	16	18.5	52.5	16	BHK6N-1616X-47R
	57		10	10	28.5	62.5	12	BHK6N-1010X-57R
			12	12	28.5	62.5	12	BHK6N-1212X-57R
			16	16	28.5	62.5	16	BHK6N-1616X-57R

Pièces de rechange
 Ersatzteile
 Spare parts



Art. N°

V-BHK-M4x0.5-T8



Art. N°

C-T8

Option



Art. N°

BHK6N...

J-M8x1-D6

IN-Line

Alésage

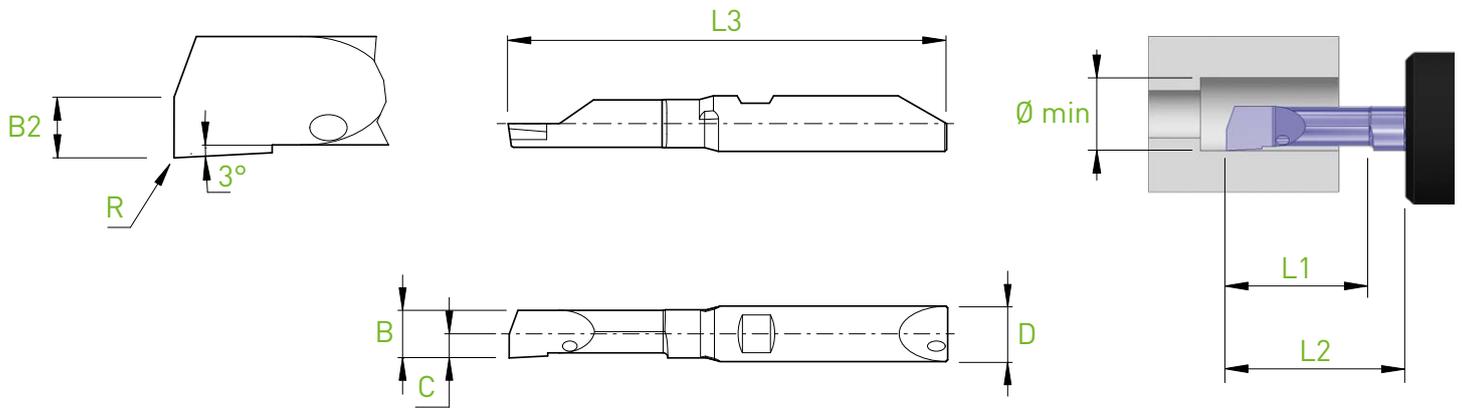
Ausbohren

Boring



BB4...

BA



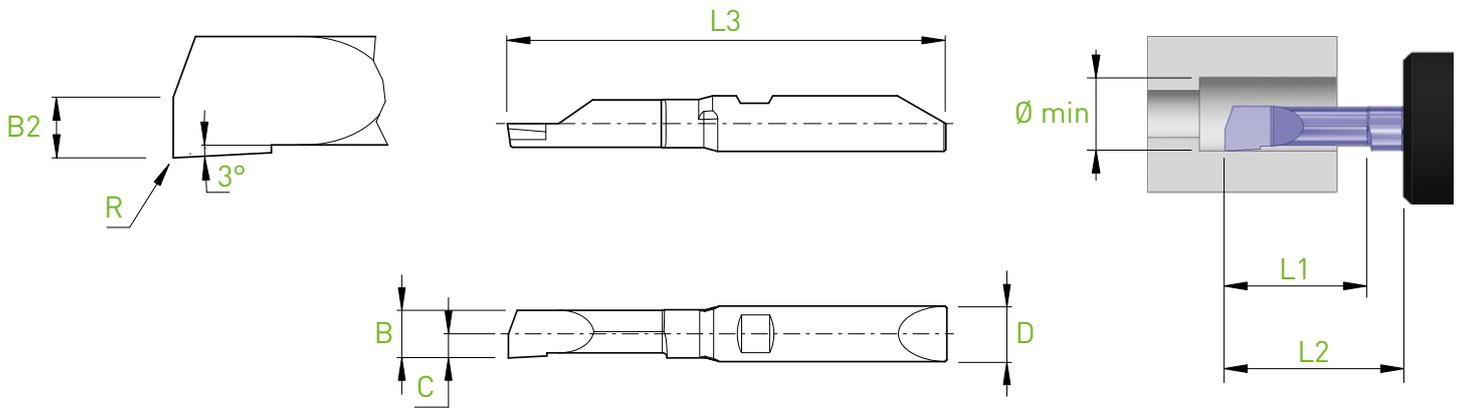
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	B	B2	C	R	L3	Art. N°	R		L	
												ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.3	0.9	10	8.5	0.27	0.13	0.15	0	32	BB4R/L-0309-BA	■	■	□	□
		0.4	1.2	10	8.5	0.36	0.18	0.20	0	32	BB4R/L-0412-BA	■	■	□	□
		0.5	1.5	10	8.5	0.45	0.22	0.25	0	32	BB4R/L-0515-BA	■	■	□	□
		1.0	3.0	10	8.5	0.90	0.45	0.60	0.02	32	BB4R/L-1030-BA-R02	■	■	□	□
		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



D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	B	B2	C	R	L3	Art. N°	R		L	
												ZTAF	ZN	ZTAF	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	■	■	□	□
		1.0	3.0	10	8.5	0.90	0.45	0.60	0.02	32	BF4R/L-1030-BA-R02	■	■	□	□
		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	■	■	□	□		

IN-Line

Alésage

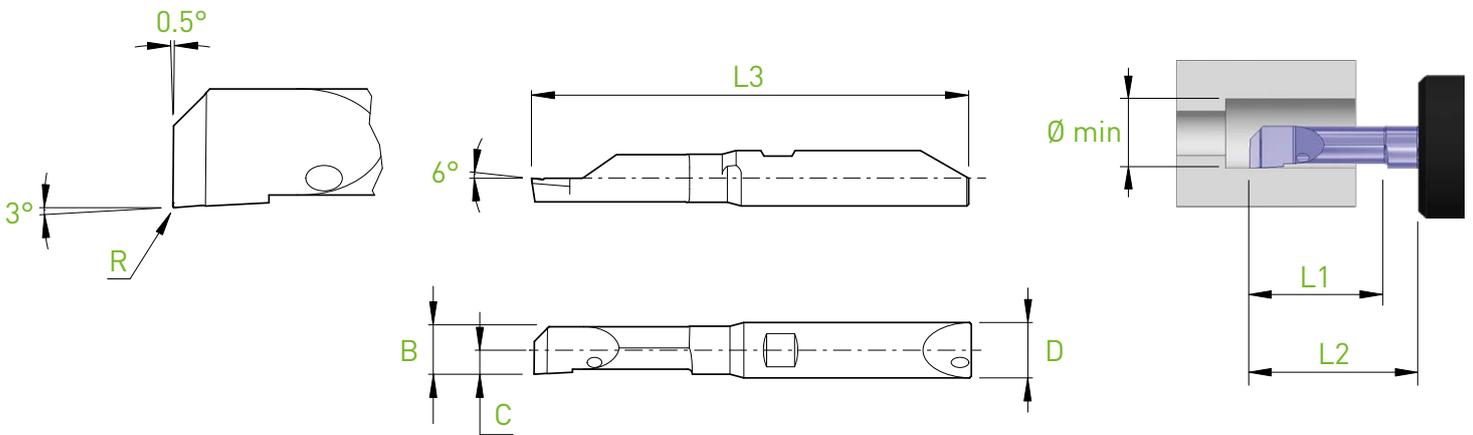
Ausbohren

Boring



BB4... / BB6...

BAX



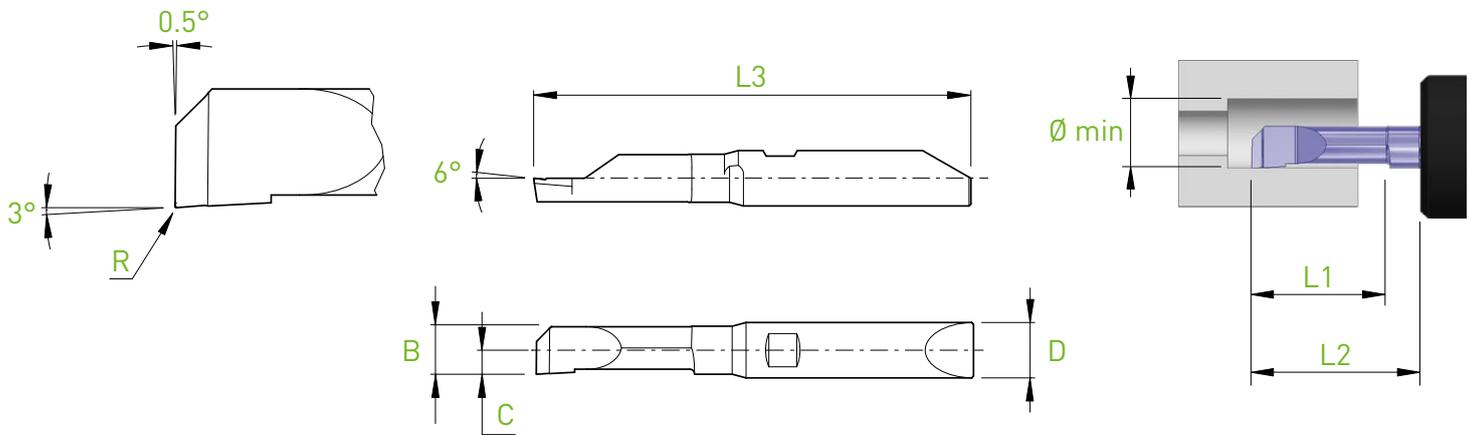
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	B	C	R	L3	Art. N°	R		L	
											ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.5	1.5	10	8.5	0.45	0.25	0	32	BB4R/L-0515-BAX	■	■	□	□
		0.6	1.8	10	8.5	0.54	0.30	0	32	BB4R/L-0618-BAX	■	■	□	□
		0.7	2.1	10	8.5	0.63	0.35	0	32	BB4R/L-0721-BAX	■	■	□	□
		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	■	■	□	□		
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



D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	B	C	R	L3	Art. N°	R		L	
											ZTAF	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	BB4R/L-35175-BAX-R05	■	■	□	□		

D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	B	C	R	L3	Art. N°	R		L	
											ZTAF	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

IN-Line

Alésage-copiage

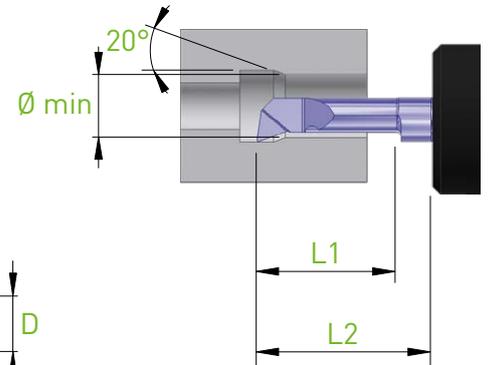
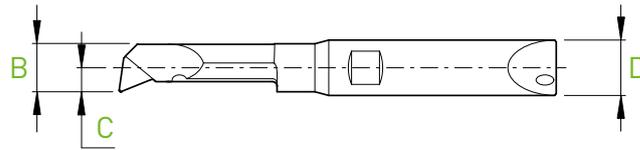
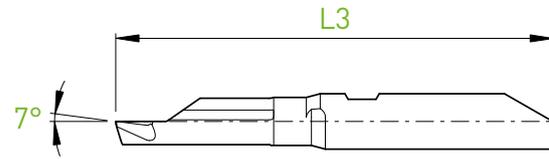
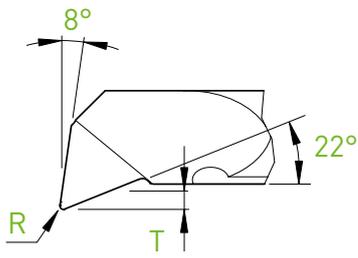
Ausbohren-kopieren

Boring chambering



BB4... / BB6...

BCX



D	Holder	Ø min	L1	L2		T	B	C	R	L3	Art. N°	R		L	
				BH4... BHY4...	BHS4... BHK4...							ZTAF	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	Holder	Ø min	L1	L2		T	B	C	R	L3	Art. N°	R		L	
				BH6... BHY6...	BHS6... BHK6...							ZTAF	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	■	■	□	□

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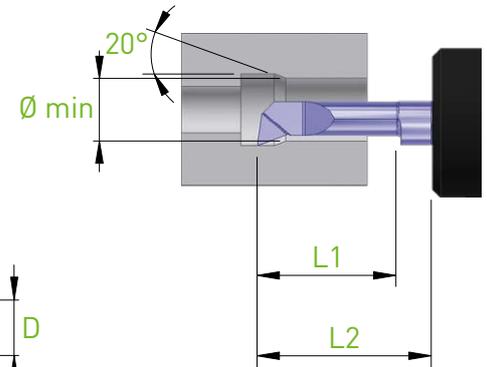
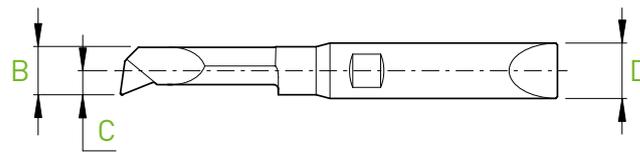
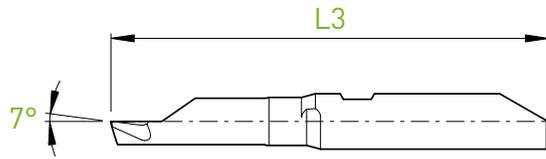
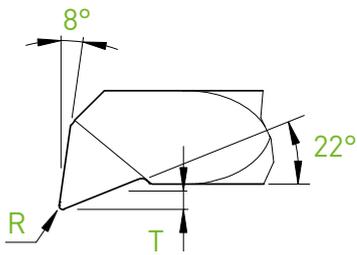
Ausbohren-kopieren

Boring chambering



BF4... / BF6...

BCX



D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	B	C	R	L3	Art. N°	R		L	
												ZTAF	ZN	ZTAF	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	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	B	C	R	L3	Art. N°	R		L	
												ZTAF	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	■	■	□	□

IN-Line

Copiage

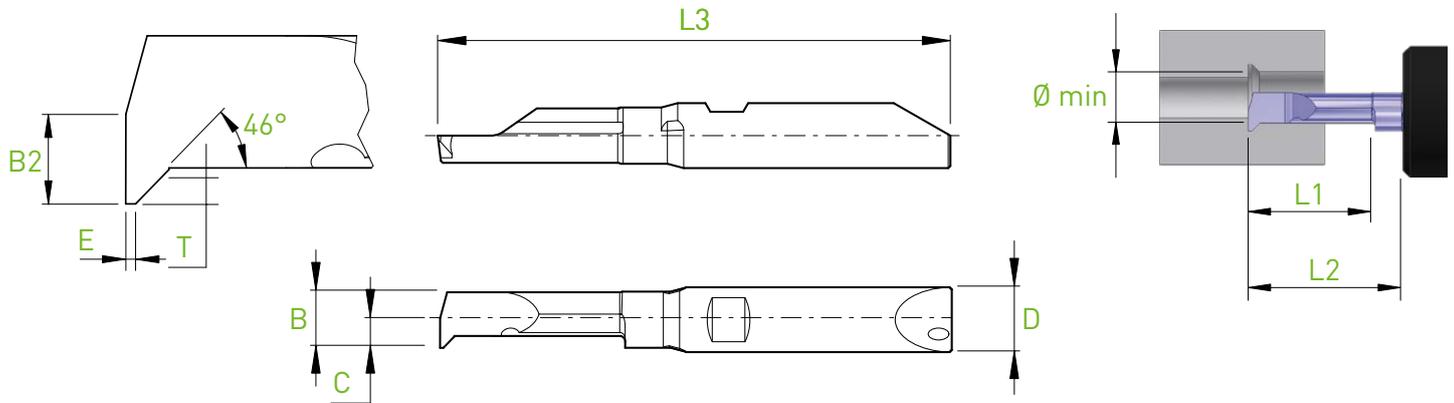
Kopieren

Chamfering



BB4... / BB6...

C45



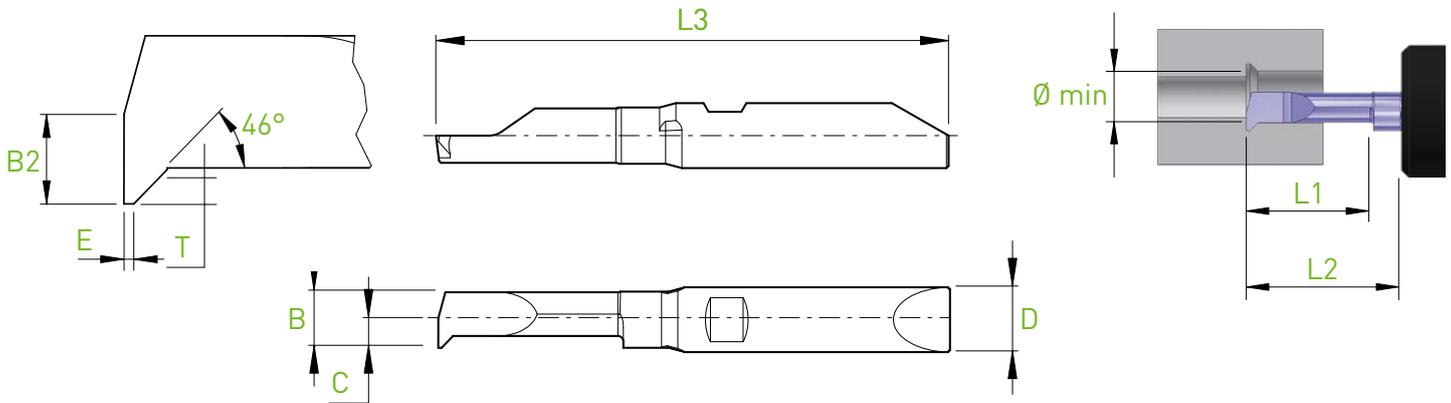
													R		L	
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	B	B2	C	E	L3	Art. N°	ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	0.3	0.6	10	8.5	0.05	0.27	0.13	0.15	0.03	32	BB4R/L-0306-C45-E03	■	■	□	□
		0.4	0.8	10	8.5	0.07	0.36	0.18	0.20	0.03	32	BB4R/L-0408-C45-E03	■	■	□	□
		0.5	1.0	10	8.5	0.08	0.45	0.22	0.25	0.03	32	BB4R/L-0510-C45-E03	■	■	□	□
		0.8	1.6	10	8.5	0.14	0.72	0.36	0.40	0.05	32	BB4R/L-0816-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	■	■	□	□
		1.5	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	■	■	□	□
		3.0	9.0	15	13.5	0.51	2.70	1.35	1.35	0.30	37	BB4R/L-3090-C45-E30	■	■	□	□
D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	B	B2	C	E	L3	Art. N°	ZTAF	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	■	■	□	□

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Chamfering



BF4... / BF6...

C45



													R		L	
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	B	B2	C	E	L3	Art. N°	ZTAF	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	■	■	□	□
		0.8	1.6	10	8.5	0.14	0.72	0.36	0.40	0.05	32	BF4R/L-0816-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	■	■	□	□
		1.5	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	■	■	□	□
3.0	9.0	15	13.5	0.51	2.70	1.35	1.35	0.30	37	BF4R/L-3090-C45-E30	■	■	□	□		
D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	B	B2	C	E	L3	Art. N°	ZTAF	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	■	■	□	□

IN-Line

Copiage

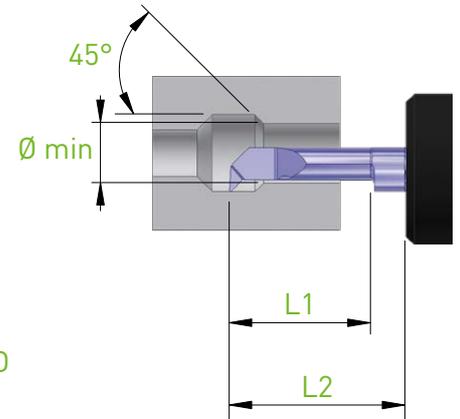
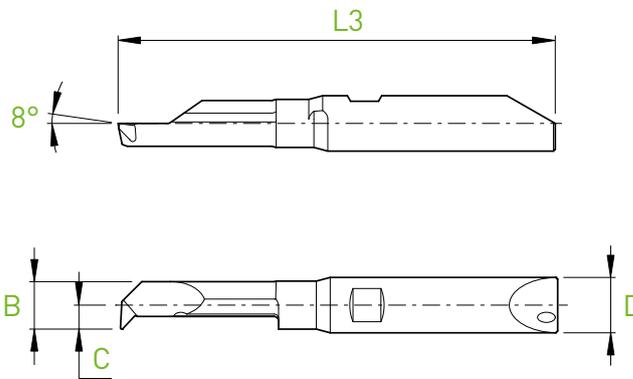
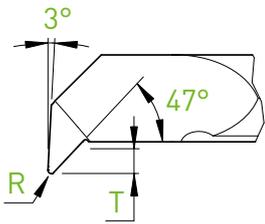
Kopieren

Chamfering



BB4... / BB6...

C45X



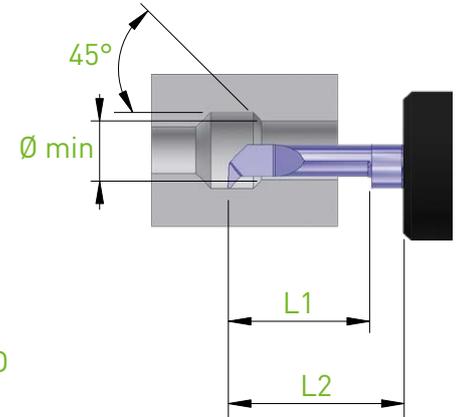
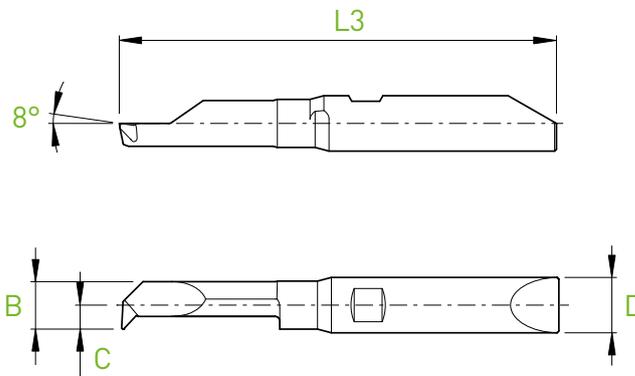
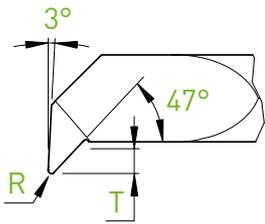
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	B	C	R	L3	Art. N°	R		L	
												ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	2.5	7.5	10	8.5	0.50	2.25	1.35	0.10	32	BB4R/L-2575-C45X-R10	■	■	□	□
			12.5	15	13.5	0.50	2.25	1.35	0.10	37	BB4R/L-25125-C45X-R10	■	■	□	□
		3.0	9.0	15	13.5	0.60	2.70	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	■	■	□	□
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
Chamfering



BF4... / BF6...

C45X



D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	T	B	C	R	L3	Art. N°	R		L	
												ZTAF	ZN	ZTAF	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	■	■	□	□
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	■	■	□	□

IN-Line

Gorge

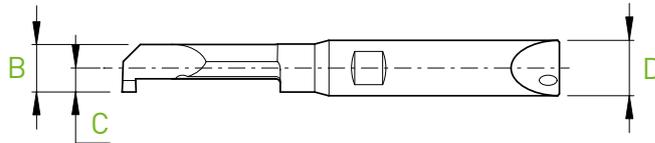
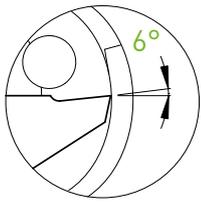
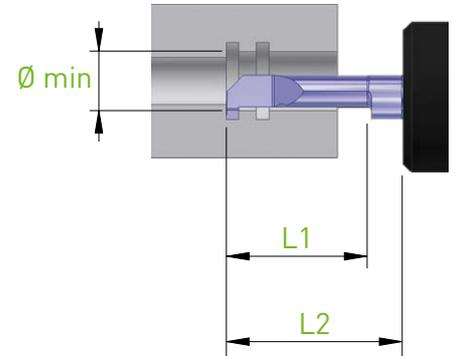
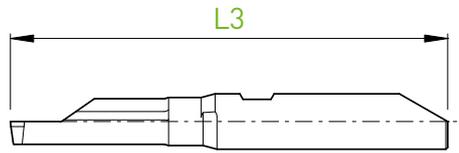
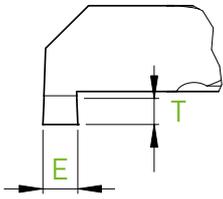
Einstecken

Grooving



BB4... / BB6...

GX



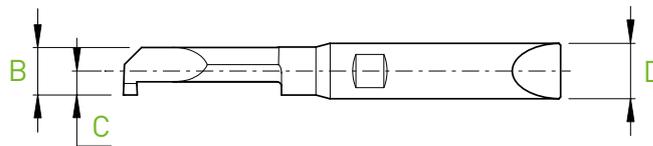
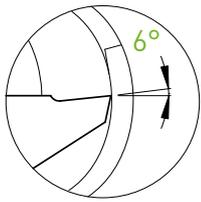
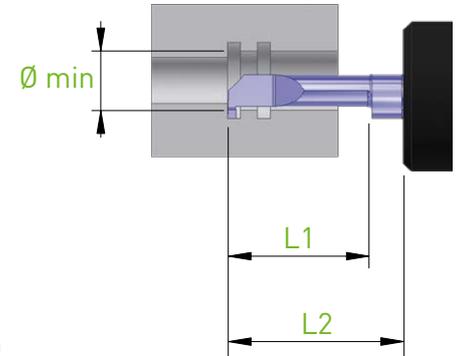
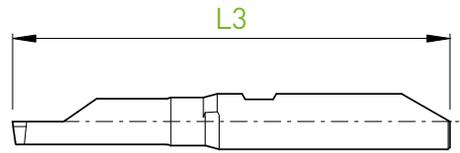
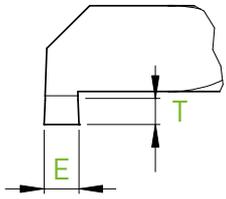
												R		L	
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	T	B	C	L3	Art. N°	ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	3.0	9.0	15	13.5	0.50	0.60	2.70	1.45	37	BB4R/L-3090-G050X	■	■	□	□
			15.0	20	18.5	0.50	0.60	2.70	1.45	42	BB4R/L-30150-G050X	■	■	□	□
	3.5	10.5	15	13.5	0.75	0.70	3.15	1.60	37	BB4R/L-35105-G075X	■	■	□	□	
		17.5	20	18.5	0.75	0.70	3.15	1.60	42	BB4R/L-35175-G075X	■	■	□	□	
D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	T	B	C	L3	Art. N°	ZTAF	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	0.90	4.28	2.40	47	BB6R/L-45135-G100X	■	■	□	□
			22.5	30	28.5	1.00	0.90	4.28	2.40	57	BB6R/L-45225-G100X	■	■	□	□
		5.0	15.0	20	18.5	1.00	1.00	4.75	2.50	47	BB6R/L-50150-G100X	■	■	□	□
			25.0	30	28.5	1.00	1.00	4.75	2.50	57	BB6R/L-50250-G100X	■	■	□	□
		5.5	16.5	20	18.5	1.00	1.10	5.15	2.60	47	BB6R/L-55165-G100X	■	■	□	□
			27.5	30	28.5	1.00	1.10	5.15	2.60	57	BB6R/L-55275-G100X	■	■	□	□

Gorge
Einstecken
Grooving



BF4... / BF6...

GX



												R		L	
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	E	T	B	C	L3	Art. N°	ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4...	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	■	■	□	□
	BHY4... BHK4...	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	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	E	T	B	C	L3	Art. N°	ZTAF	ZN	ZTAF	ZN
6		4.0	12.0	20	18.5	1.00	0.80	3.80	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	■	■	□	□
	BH6... BHS6...	4.5	13.5	20	18.5	1.00	0.90	4.28	2.40	47	BF6R/L-45135-G100X	■	■	□	□
			22.5	30	28.5	1.00	0.90	4.28	2.40	57	BF6R/L-45225-G100X	■	■	□	□
	BHY6... BHK6...	5.0	15.0	20	18.5	1.00	1.00	4.75	2.50	47	BF6R/L-50150-G100X	■	■	□	□
			25.0	30	28.5	1.00	1.00	4.75	2.50	57	BF6R/L-50250-G100X	■	■	□	□
		5.5	16.5	20	18.5	1.00	1.10	5.15	2.60	47	BF6R/L-55165-G100X	■	■	□	□
			27.5	30	28.5	1.00	1.10	5.15	2.60	57	BF6R/L-55275-G100X	■	■	□	□

IN-Line

Filetage

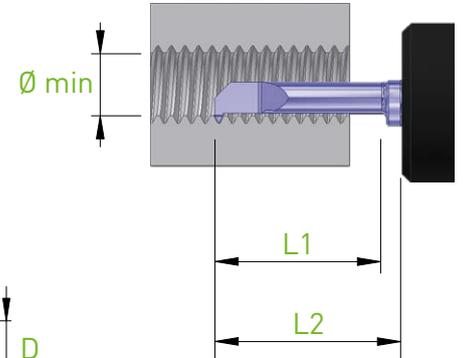
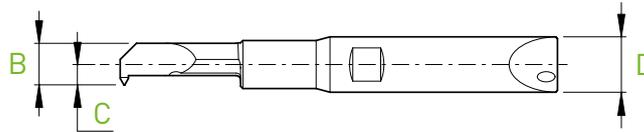
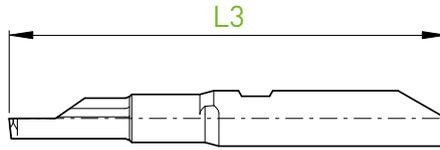
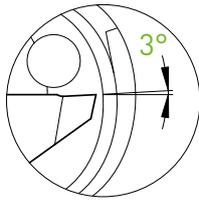
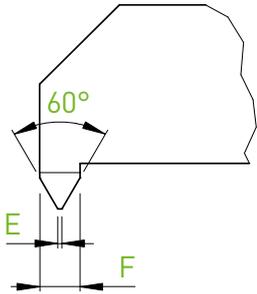
Gewindedrehen

Threading



BB4... / BB6...

TP60



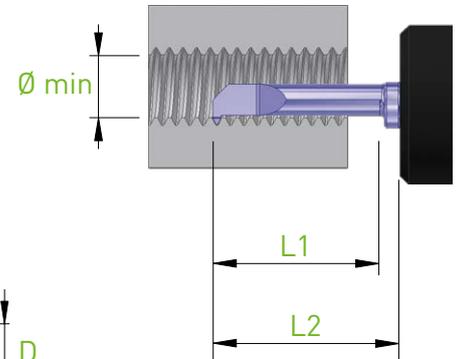
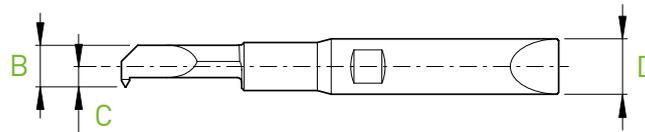
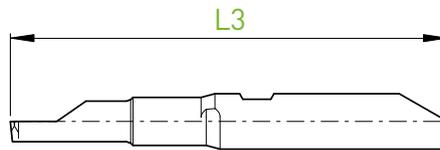
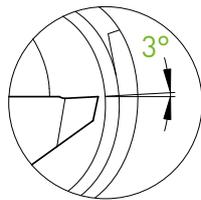
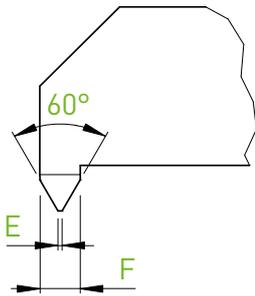
D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (mm)	P (TPI)	F	E	B	C	L3	Art. N°	R		L	
														ZTAF	ZN	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	1.25	3.2	10	8.5	0.20-0.35	80	0.30	0.02	1.10	0.80	32	BB4R/L-1232-TP60	■	■	□	□
		1.6	4.0	10	8.5	0.25-0.40	72-64	0.35	0.03	1.41	0.90	32	BB4R/L-1640-TP60	■	■	□	□
		2.5	6.0	10	8.5	0.35-0.50	56-48	0.44	0.04	2.25	1.35	32	BB4R/L-2560-TP60	■	■	□	□
			9.0	15	13.5	0.35-0.50	56-48	0.44	0.04	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	2.97	1.50	37	BB4R/L-3380-TP60	■	■	□	□
12.0	15		13.5	0.50-0.75	40-36	0.62	0.06	2.97	1.50	37	BB4R/L-33120-TP60	■	■	□	□		
D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	P (mm)	P (TPI)	F	E	B	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	3.78	2.10	47	BB6R/L-42100-TP60	■	■	□	□
			15.0	20	18.5	0.50-0.80	36-32	0.70	0.06	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	4.50	2.20	47	BB6R/L-50120-TP60	■	■	□	□
			18.0	20	18.5	0.75-1.00	28-24	0.89	0.09	4.50	2.20	47	BB6R/L-50180-TP60	■	■	□	□

Filetage
Gewindedrehen
Threading



BF4... / BF6...

TP60



D	Holder	Ø min	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	P (mm)	P (TPI)	F	E	B	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	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	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	2.25	1.35	32	BF4R/L-2560-TP60	■	■	□	□
			9.0	15	13.5	0.35-0.50	56-48	0.44	0.04	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	2.97	1.50	37	BF4R/L-3380-TP60	■	■	□	□
			12.0	15	13.5	0.50-0.75	40-36	0.62	0.06	2.97	1.50	37	BF4R/L-33120-TP60	■	■	□	□
6	BH6... BHS6... BHY6... BHK6...	4.2	10.0	20	18.5	0.50-0.80	36-32	0.70	0.06	3.78	2.10	47	BF6R/L-42100-TP60	■	■	□	□
			15.0	20	18.5	0.50-0.80	36-32	0.70	0.06	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	4.50	2.20	47	BF6R/L-50120-TP60	■	■	□	□
			18.0	20	18.5	0.75-1.00	28-24	0.89	0.09	4.50	2.20	47	BF6R/L-50180-TP60	■	■	□	□

IN-Line

Filetage

Gewindedrehen

Threading



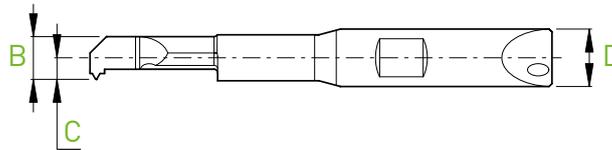
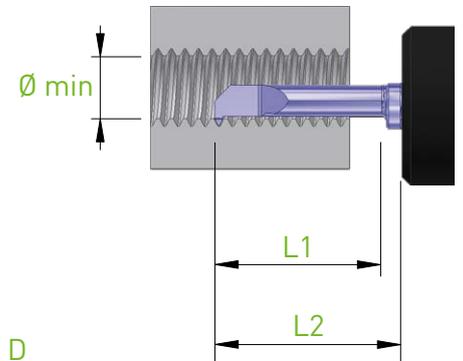
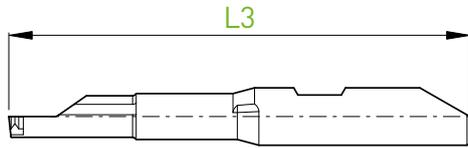
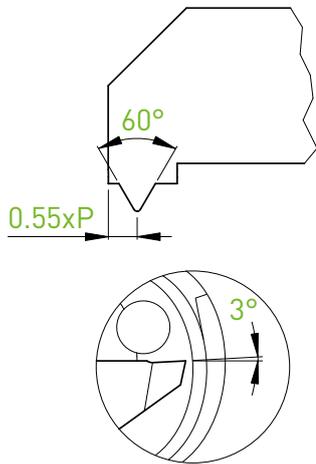
BB4... / BB6...

TM60

Profil complet métrique

Vollprofil metrisch

Full profile metric



R

D	Holder	M (min)	Ø min	P (mm)	L1	L2 BH4... BHY4...	L2 BHS4... BHK4...	B	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	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	Holder	M (min)	Ø min	P (mm)	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	B	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	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	■	■

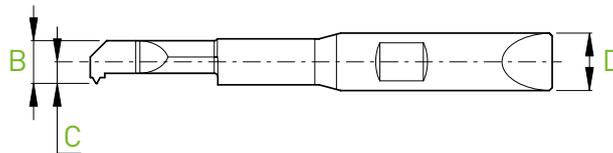
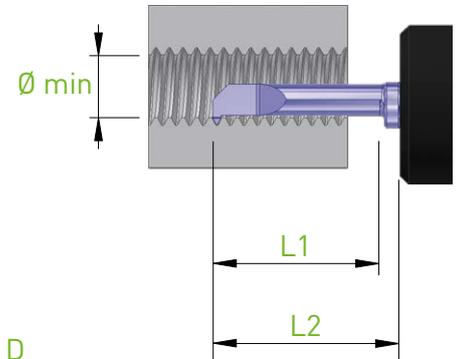
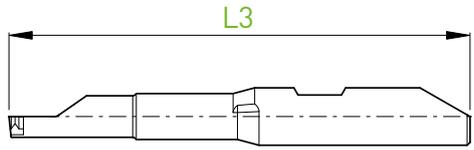
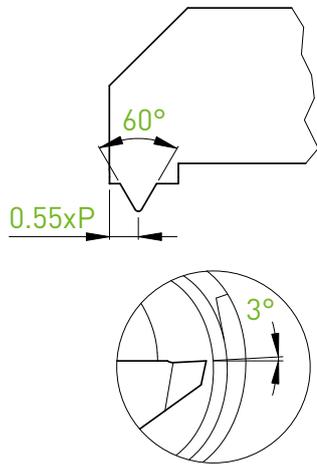
Filetage
Gewindedrehen
Threading



BF4... / BF6...

TM60

Profil complet métrique
Vollprofil metrisch
Full profile metric



R

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

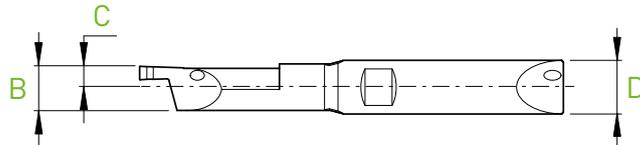
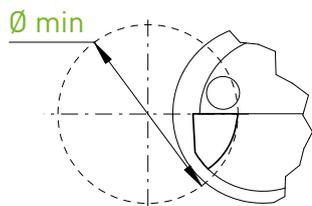
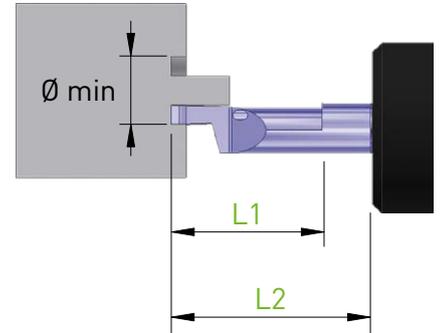
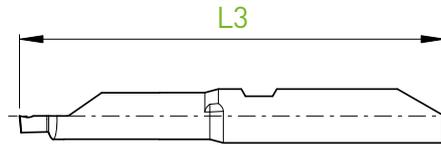
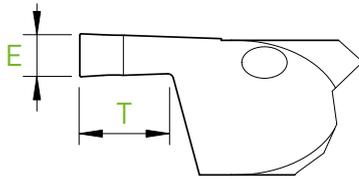
Aussen axiales stechen

External axial grooving



BB6...

FEG



R

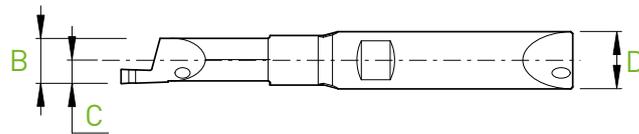
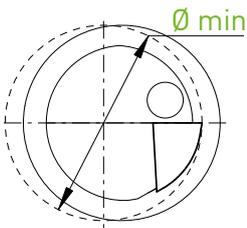
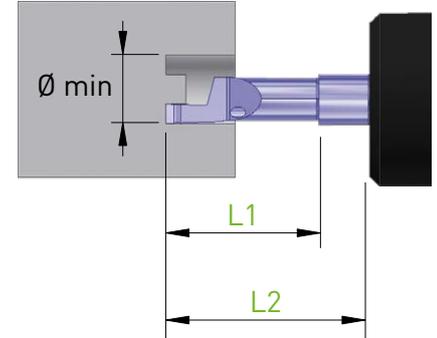
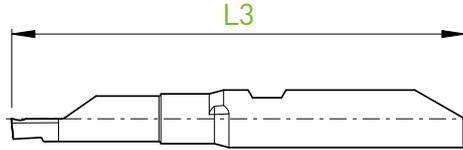
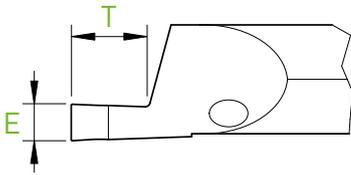
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6	BH6... BHS6... BHY6... BHK6...	5.0	15.0	20	18.5	3.00	4.90	2.30	1.50	47	BB6R-50150-FEG150X	■	■

Gorge frontale intérieure
 Innen axiales stechen
 Internal axial grooving



BB6...

FIG



R

D	Holder	Ø min	L1	L2 BH6... BHY6...	L2 BHS6... BHK6...	T	B	C	E	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

Ebauche avec arrosage

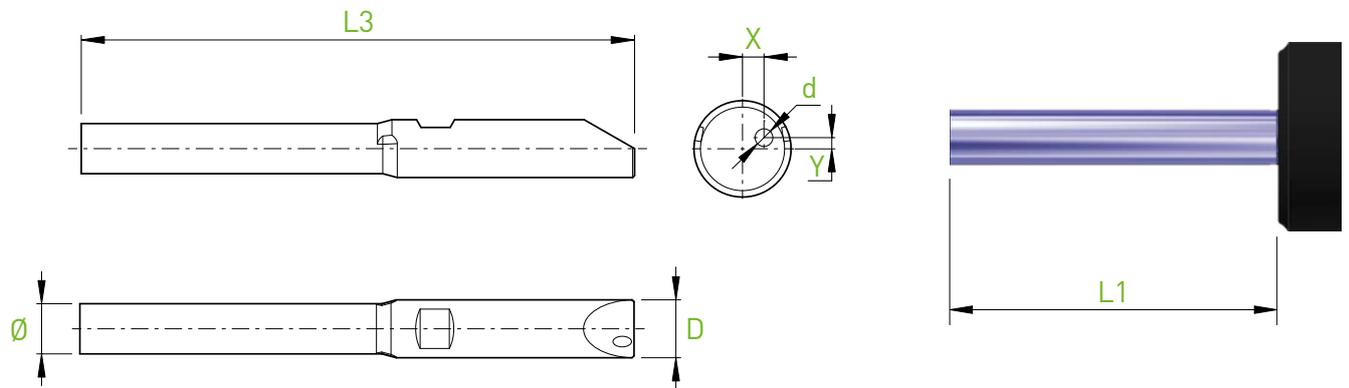
Rohling mit Kühlung

Blank with coolant



BB4... / BB6...

BB_E



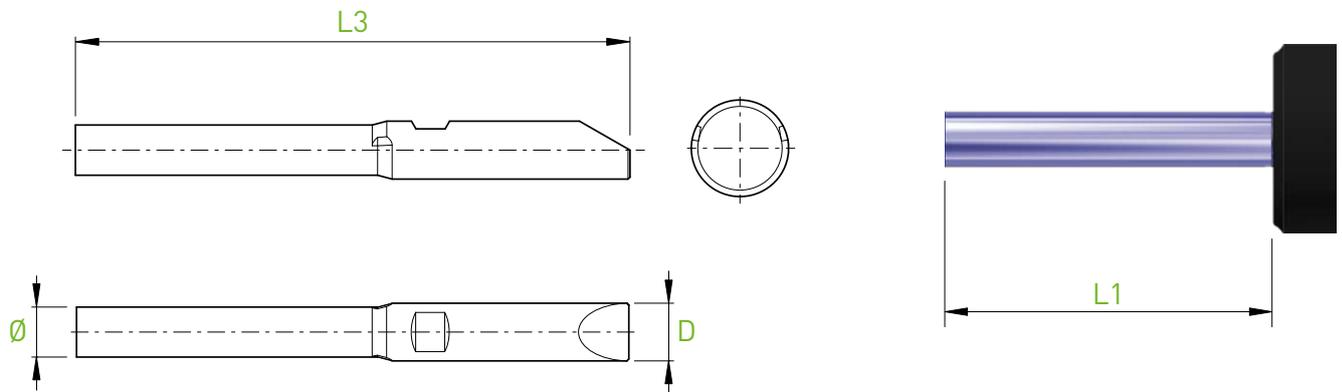
D	Holder	L1 BH4... BHY4...	L1 BHS4... BHK4...	∅	X	Y	d	L3	Art. N°	ZTAF ZN
4	BH4... BHS4... BHY4... BHK4...	20.0	18.5	3.20	0.84	0.55	0.85	42	BB4R-E42	■
D	Holder	L1 BH6... BHY6...	L1 BHS6... BHK6...	∅	X	Y	d	L3	Art. N°	ZTAF ZN
6	BH6... BHS6... BHY6... BHK6...	30.0	28.5	5.20	1.33	0.70	1.10	57	BB6R-E57	■

■ Ebauche
 ■ Rohling
 ■ Blank



BF4... / BF6...

BF_E



D	Holder	L1 BH4... BHY4...	L1 BHS4... BHK4...	Ø	L3	Art. N°	ZTAF	ZN
4	BH4... BHS4... BHY4... BHK4...	20.0	18.5	3.20	42	BF4-E42		■
D	Holder	L1 BH6... BHY6...	L1 BHS6... BHK6...	Ø	L3	Art. N°	ZTAF	ZN
6	BH6... BHS6... BHY6... BHK6...	30.0	28.5	5.20	57	BF6-E57		■

IN-Line

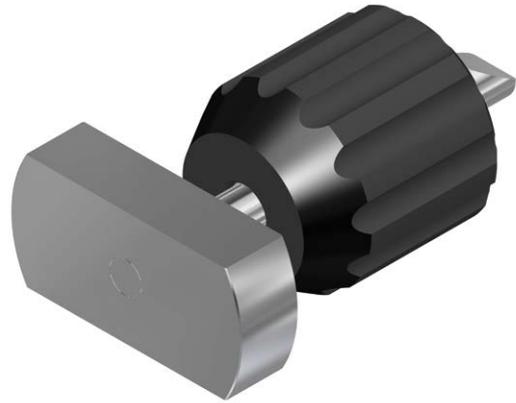
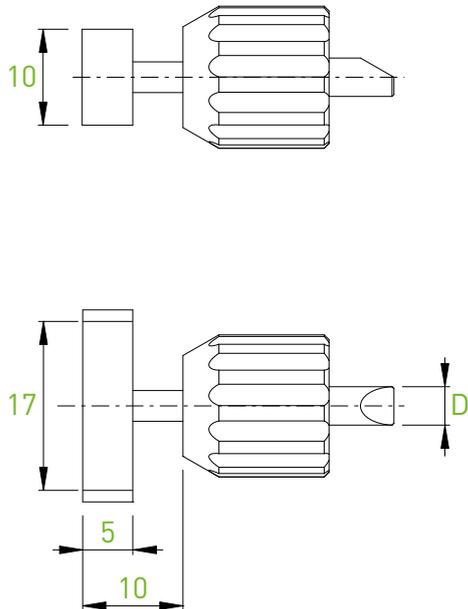
Jauges d'alignement

Richtplatte

Adjusting tools

MASTER

BH4 / BH6



D	Art. N°	
4	BH4-MASTER	■
6	BH6-MASTER	■

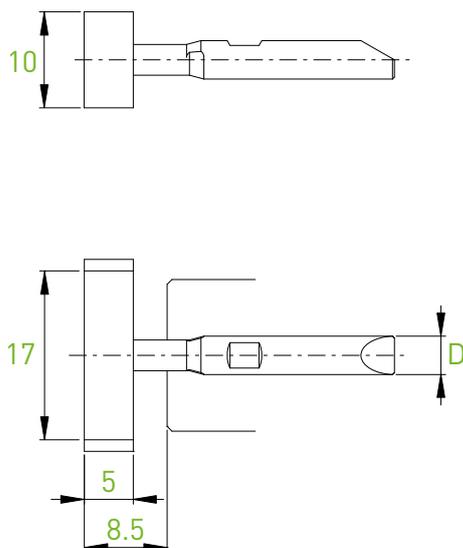
Jauges d'alignement

Richtplatte

Adjusting tools

MASTER

BHSY...



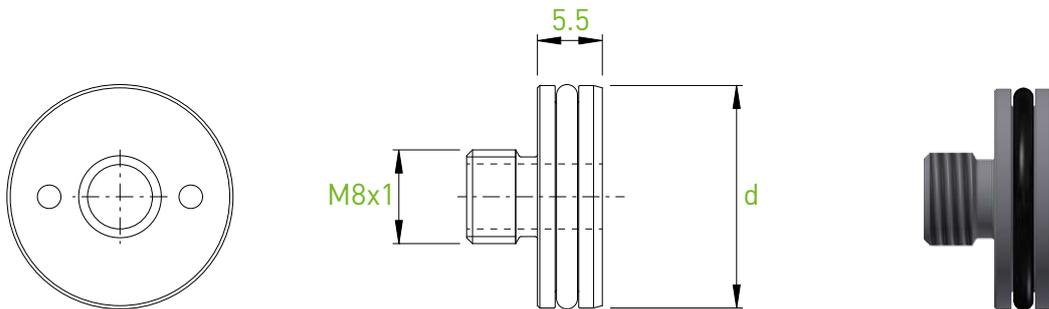
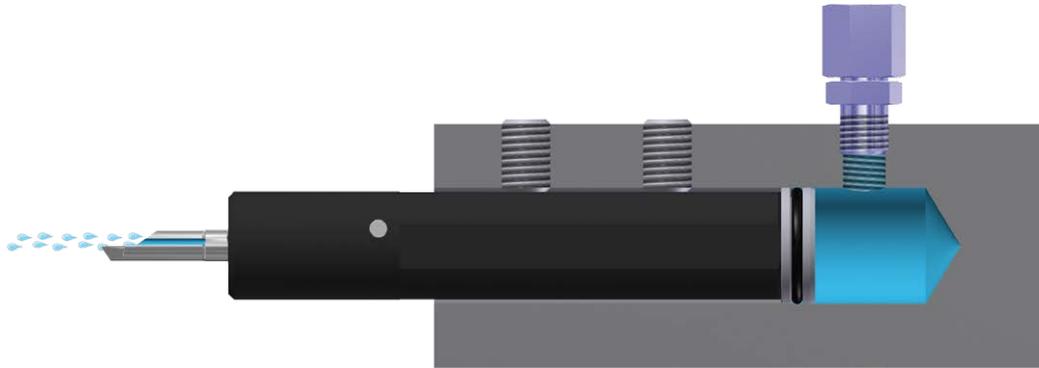
D	Art. N°	
4	BHSY4-MASTER	■
6	BHSY6-MASTER	■

Bague d'étanchéité

Dichtungsring

Sealing ring

JB



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	■

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