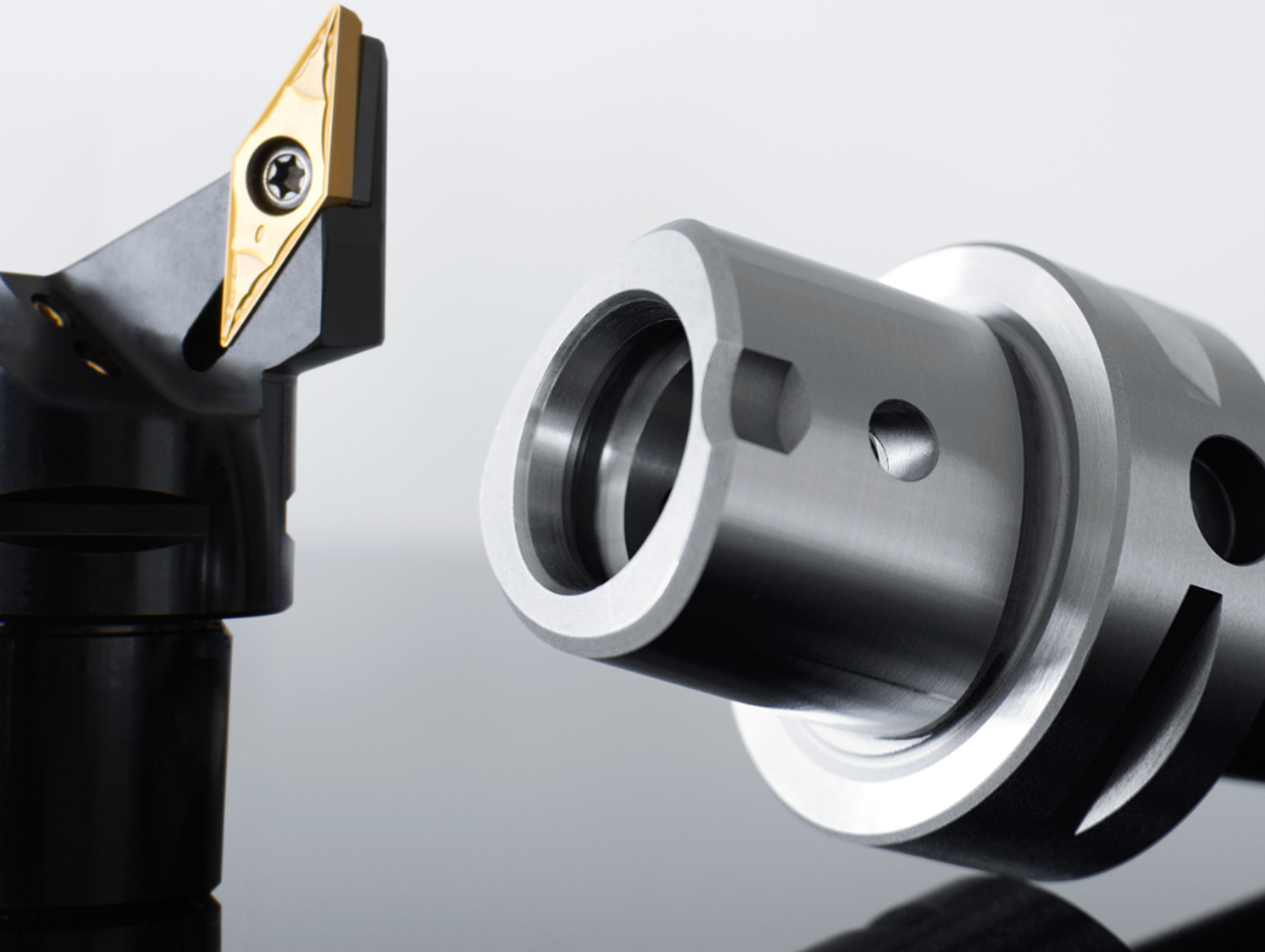
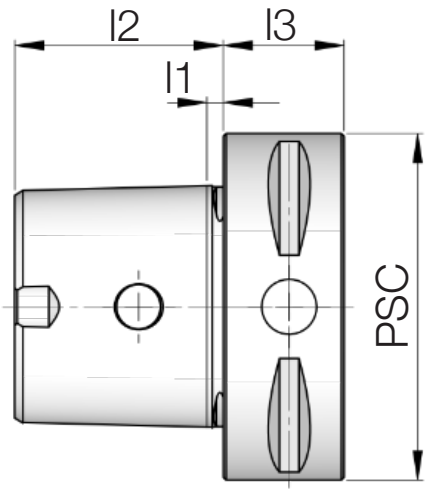
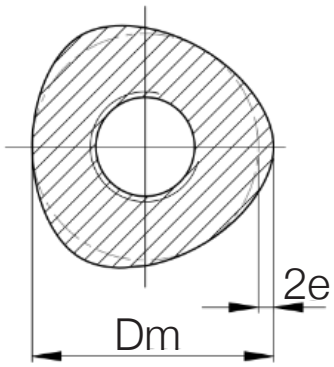
Polygonal taper tool holders
ISO 26623-1







ISO 26623-1

PSC	Size	Dm	e	l1	l2	l3 min.
40	C4	28	0.90	2.50	24	20
50	C5	35	1.12	3.00	30	20
63	C6	44	1.40	3.00	38	22
80	C8	55	2.00	3.00	48	30

Material: Case hardened steel with min. 900 N/mm² of core tensile strength.

Execution: Case hardened 58±2 Hrc. Depth of case 0.6 to 0.8 mm. Black oxidised.

Accuracy: Taper angle AT3 quality class. Rougness Ra < 0.2

All dimensions in this catalogue are in millimeters unless otherwise specified.

Full potential machining

Polygonal taper tool holders help you bring your machining to a new level.

As precisely defined per ISO 26623, PSC interface features unique tapered polygon which serves as a main element in torque transmitting, centering, and clamping. With double contact on both face and taper, as well as great cross-sectional strength, this interface is unrivaled in terms of high clamping force and bending stiffness.

Combination of these excellent properties give PSC interface clear advantage over HSK and 7/24 tapers with about 2x better bending and torsional characteristics. This translates into greater process stability, higher productivity, and lower costs.

Key attributes of Polygonal tool holders:

- Extremely stable and rigid connection between tool and the machine
- High torque and bending forces transmission due to simultaneous tapered polygon and face contact with machine spindle
- Self centering ability due to unique design
- Internal coolant supply, directly to the tool tip
- Best solution for all processes - both in turning and milling
- Modular design for flexible tooling
- Standardized interface as per ISO 26623
- 4 sizes, flange diameters 40-50-63-80 mm (sizes C4-C5-C6-C8)

Turning made better

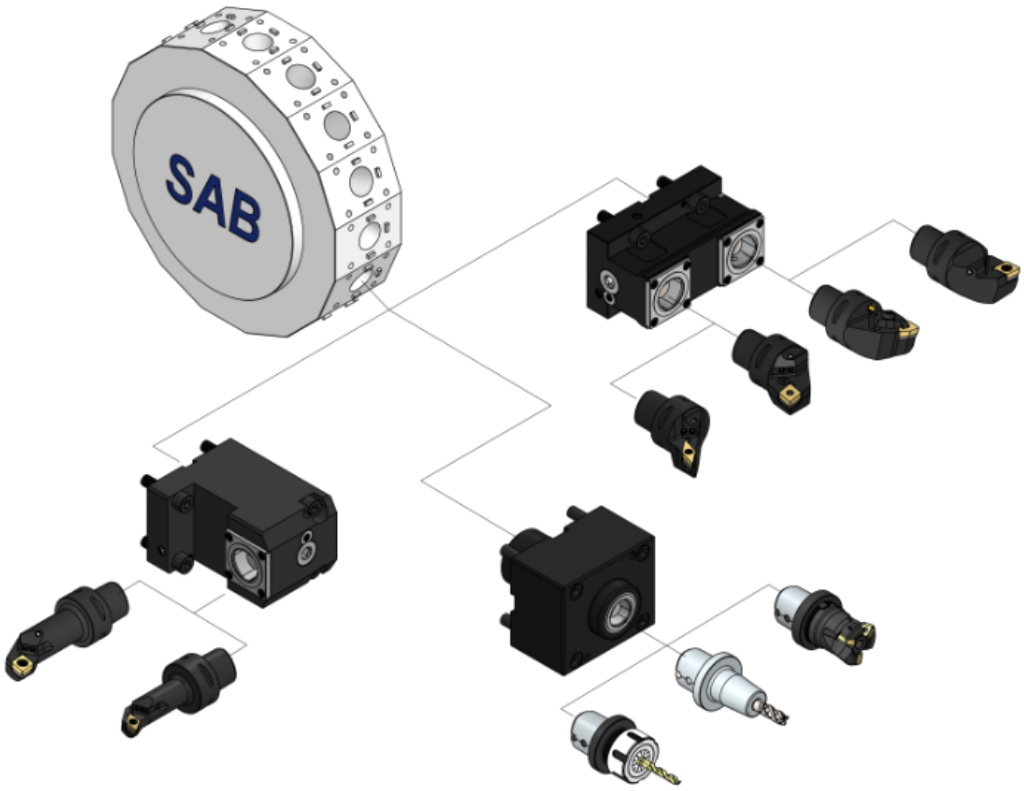
PSC turning tool holders are go-to solution for maximizing process efficiency.

Used in both standard turn centers and hybrid mill-turn machines, PSC turning tool holders enable fast tool change solution for reduced down-time and increased productivity without compromise on stability and rigidity. Additionally, direct high pressure coolant nozzles increase tool life with higher feeds and speeds

More time making chips and less time in unwanted stops makes investment in Polygonal taper tool holders a great choice with a fast return.

Key benefits of PSC turning tools:

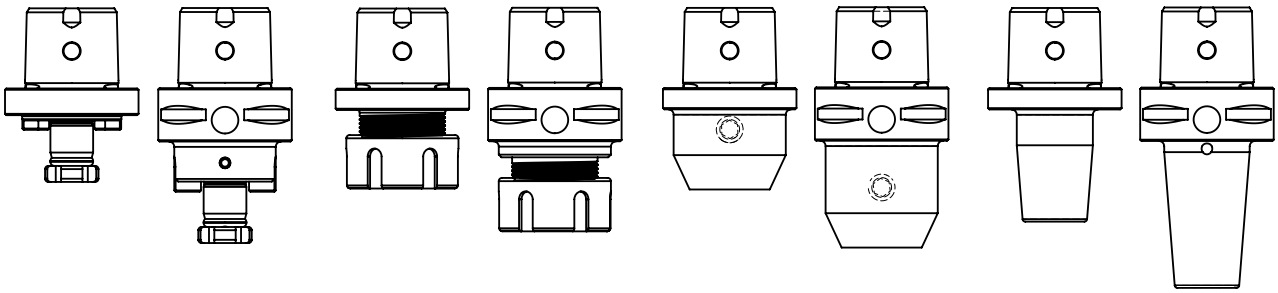
- Reduced setup and tool change time - maximum utilization of the machine
- Increased stability and versatility - in vertical lathes, multi-tasking machining centers and machining centers with turning possibilities
- Ultimate repeatability - allowing offline tool presetting
- Reduced tool inventory and storage space in workshop - due to universal interface for both turning and milling
- Self centering system provides high precision and repeatability
- Carbide shims to prevent insert seats from damage
- Quick change, monobloc system without additional interfaces



Short adaptor drives more benefits

Driven and static tools on your machine are best paired with short polygonal taper tool holders.

Short PSC adaptors have exactly the same ISO 26223-1 taper as normal PSC adaptors key with one difference - absence of gripper groove for automatic tool change. As a result, tool overhang is reduced which helps you achieve stable process, higher quality parts, and more efficient machining.

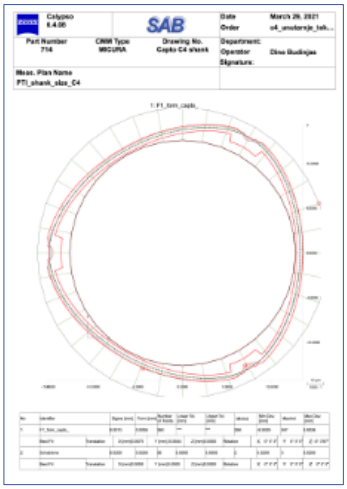


Key benefits of Short adaptors:

- Better cutting tool length availability
- Greater cutting stability due to shorter tool overhang
- Extended tool life and accuracy due to reduced tool runout
- Increased surface finish quality
- Decreased load on driven toolholder bearings
- Reduced setup and tool change time

High precision as standard

In order to ensure highest levels of quality, precision, and compatibility, SAB manufactures ISO 26623-1 tool holders using the same special inspection and manufacturing equipment and procedures as other major suppliers in the industry.

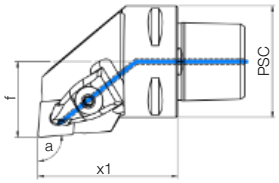


- Laboratory quality certified inspection equipment
- Inspection protocols equal to those of major industry competitors
- State-of-the-art manufacturing equipment
- ISO 9001 certified company
- AUKOM certified quality inspectors
- ISO 26623-1 compliant

Turning tool holders - external

Wedge clamp

Direct coolant supply



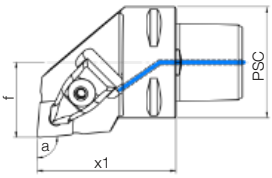
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DCLNR/L.27050.12DC	Right/Left	CNM..1204..	40	95°	50	27
C5	C5.DCLNR/L.35060.12DC	Right/Left	CNM..1204..	50	95°	60	35
C6	C6.DCLNR/L.45065.12DC	Right/Left	CNM..1204..	63	95°	65	45
C8	C8.DCLNR/L.55080.12DC	Right/Left	CNM..1204..	80	95°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	O-ring set
Code:	SPKR/L	VPA.0620.DC	PPPC.12	VPP.0512.KG	KLJ.I30	OR.VPA.DC

Turning tool holders - external

Wedge clamp

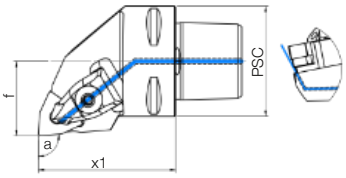
External coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DCLNR/L.27050.12	Right/Left	CNM..1204..	40	95°	50	27
C5	C5.DCLNR/L.35060.12	Right/Left	CNM..1204..	50	95°	60	35
C6	C6.DCLNR/L.45065.12	Right/Left	CNM..1204..	63	95°	65	45
C8	C8.DCLNR/L.55080.12	Right/Left	CNM..1204..	80	95°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPK	VPA.0520	PPPC.12	VPP.0512.KG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

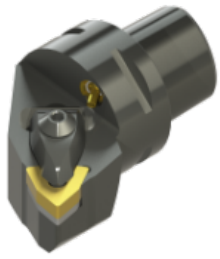


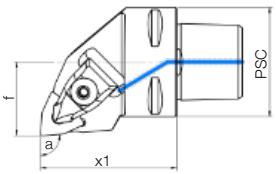
Wedge clamp
Direct coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DWLNR/L.27050.08DC	Right/Left	WNM..0804..	40	95°	50	27
C5	C5.DWLNR/L.35060.08DC	Right/Left	WNM..0804..	50	95°	60	35
C6	C6.DWLNR/L.45065.08DC	Right/Left	WNM..0804..	63	95°	65	45
C8	C8.DWLNR/L.55080.08DC	Right/Left	WNM..0804..	80	95°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	O-ring set
Code:	SPKR/L	VPA.0620.DC	PPPW.08	VPP.0512.KG	KLJ.I30	OR.VPA.DC

Turning tool holders - external





Wedge clamp
External coolant supply

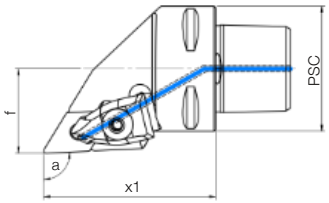
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DWLNR/L.27050.08	Right/Left	WNM..0804..	40	95°	50	27
C5	C5.DWLNR/L.35060.08	Right/Left	WNM..0804..	50	95°	60	35
C6	C6.DWLNR/L.45065.08	Right/Left	WNM..0804..	63	95°	65	45
C8	C8.DWLNR/L.55080.08	Right/Left	WNM..0804..	80	95°	80	55

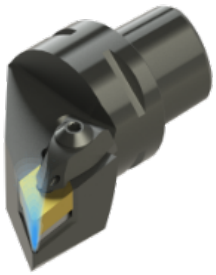
Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPK	VPA.0520	PPPW.08	VPP.0512.KG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

Wedge clamp

Direct coolant supply





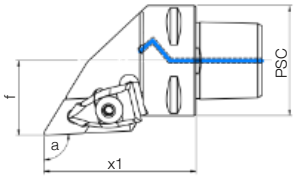
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DDJNR/L.27055.15DC	Right/Left	DNM..1506..	40	93°	55	27
C5	C5.DDJNR/L.35060.15DC	Right/Left	DNM..1506..	50	93°	60	35
C6	C6.DDJNR/L.45065.15DC	Right/Left	DNM..1506..	63	93°	65	45
C8	C8.DDJNR/L.55080.15DC	Right/Left	DNM..1506..	80	93°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	O-ring set
Code:	SPKR/L	VPA.0620.DC	PPPD.15	VPP.0512.KG	KLJ.I30	OR.VPA.DC

Turning tool holders - external

Wedge clamp

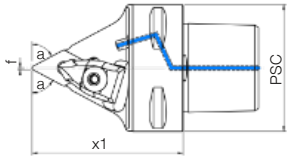
External coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DDJNR/L.27055.15	Right/Left	DNM..1506..	40	93°	55	27
C5	C5.DDJNR/L.35060.15	Right/Left	DNM..1506..	50	93°	60	35
C6	C6.DDJNR/L.45065.15	Right/Left	DNM..1506..	63	93°	65	45
C8	C8.DDJNR/L.55080.15	Right/Left	DNM..1506..	80	93°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPK	VPA.0520	PPPD.15	VPP.0512.KG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

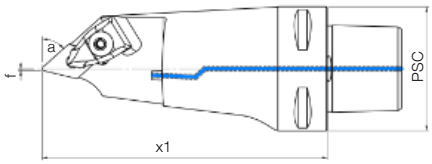


Wedge clamp
External coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DDNNN.00055.15	Neutral	DNM..1506..	40	62.5°	55	0.5
C5	C5.DDNNN.00060.15	Neutral	DNM..1506..	50	62.5°	60	0.5
C6	C6.DDNNN.00065.15	Neutral	DNM..1506..	63	62.5°	65	0.5
C8	C8.DDNNN.00080.15	Neutral	DNM..1506..	80	62.5°	80	0.5

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPK	VPA.0520	PPPD.15	VPP.0512.KG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external



Wedge clamp
External coolant supply

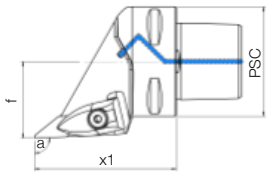
Size	Code	Orientation	Insert	PSC	a	x1	f
C5	C5.DDMNL.00115.15	Left	DNM..1506..	50	48°	115	1
C6	C6.DDMNL.33120.15	Left	DNM..1506..	63	48°	120	33
C8	C8.DDMNL.00160.15	Left	DNM..1506..	80	48°	160	1

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPK	VPA.0520	PPPD.15	VPP.0512.KG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

Wedge clamp

External coolant supply



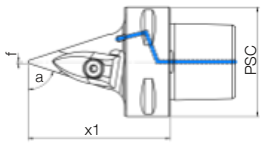
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DVJNR/L.27062.16	Right/Left	VNM..1604..	40	93°	62	27
C5	C5.DVJNR/L.35065.16	Right/Left	VNM..1604..	50	93°	65	35
C6	C6.DVJNR/L.45065.16	Right/Left	VNM..1604..	63	93°	65	45
C8	C8.DVJNR/L.55080.16	Right/Left	VNM..1604..	80	93°	80	55

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPD	VPA.0520	PPPV.16	VPP.0512.RG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

Wedge clamp

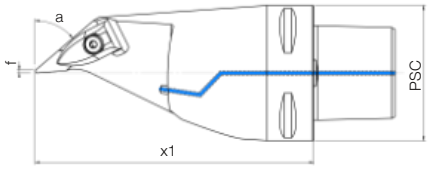
External coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.DVVNN.00062.16	Neutral	VNM..1604..	40	72.5°	62	0
C5	C5.DVVNN.00065.16	Neutral	VNM..1604..	50	72.5°	65	0
C6	C6.DVVNN.00065.16	Neutral	VNM..1604..	63	72.5°	65	0
C8	C8.DVVNN.00080.16	Neutral	VNM..1604..	80	72.5°	80	0

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
Code:	SPD	VPA.0520	PPPV.16	VPP.0512.RG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external



Wedge clamp
External coolant supply

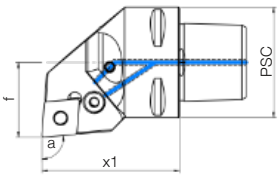
Size	Code	Orientation	Insert	PSC	a	x1	f
C6	C6.DVMNL.00130.16	Left	VNM..1604..	63	50°	130	1.2
C8	C8.DVMNL.00160.16	Left	VNM..1604..	80	50°	160	1.2

Spare parts	Clamp	Clamp screw	Shim	Shim screw	Key	Nozzle	Spring
							
Code:	SPD	VPA.0520	PPPV.16	VPP.0512.RG	KLJ.I30	ML.M10	OPP.02

Turning tool holders - external

Lever-lock clamp

Direct coolant supply



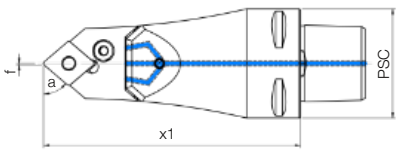
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.PCLNR/L.27050.12DC	Right/Left	CNM..1204..	40	95°	50	27
C5	C5.PCLNR/L.35060.12DC	Right/Left	CNM..1204..	50	95°	60	35
C6	C6.PCLNR/L.45065.12DC	Right/Left	CNM..1204..	63	95°	65	45
C6	C6.PCLNR/L.45165.12DC	Right/Left	CNM..1204..	63	95°	165	45
C8	C8.PCLNR/L.55080.12DC	Right/Left	CNM..1204..	80	95°	80	55

Spare parts	Lever	Lever screw	Shim	Shim pin	Key	Nozzle
Code:	POL.01	VPOL.0819	PPPC.12	OPP.01	KLJ.I30	ML.M4

Turning tool holders - external

Lever-lock clamp

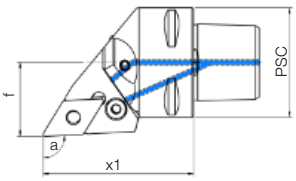
Direct coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.PCMNN.00095.12DC	Neutral	CNM..1204..	40	50°	95	0
C5	C5.PCMNN.00115.12DC	Neutral	CNM..1204..	50	50°	115	0
C6	C6.PCMNN.00115.12DC	Neutral	CNM..1204..	63	50°	115	0
C8	C8.PCMNN.00150.12DC	Neutral	CNM..1204..	80	50°	150	0

Spare parts	Lever	Lever screw	Shim	Shim pin	Key	Nozzle
Code:	POL.01	VPOL.0819	PPPC.12	OPP.01	KLJ.I30	ML.M4

Turning tool holders - external

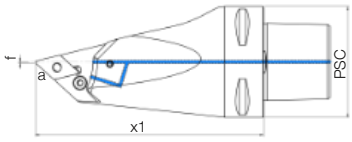


Lever-lock clamp
Direct coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.PDJNR/L.27050.15DC	Right/Left	DNM..1506..	40	93°	55	27
C5	C5.PDJNR/L.35060.15DC	Right/Left	DNM..1506..	50	93°	60	35
C6	C6.PDJNR/L.45065.15DC	Right/Left	DNM..1506..	63	93°	65	45
C6	C6.PDJNR/L.45165.15DC	Right/Left	DNM..1506..	63	93°	165	45
C8	C8.PDJNR/L.55080.15DC	Right/Left	DNM..1506..	80	93°	80	55

Spare parts	Lever	Lever screw	Shim	Shim pin	Key	Nozzle
Code:	POL.02	VPOL.0819	PPPD.15	OPP.01	KLJ.I30	ML.M4

Turning tool holders - external

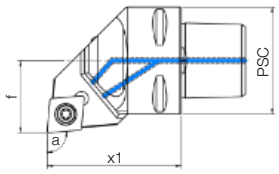


Lever-lock clamp
External coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C6	C6.PDMNR/L.00130.15DC	Right/Left	DNM..1506..	63	93°	130	0.6

Spare parts	Lever	Lever screw	Shim	Shim pin	Key	Nozzle
Code:	POL.02	VPOL.0819	PPPD.15	OPP.01	KLJ.I30	ML.M4

Turning tool holders - external

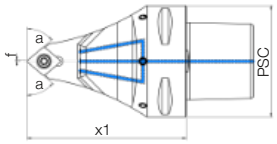


Screw clamp
Direct coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SCLCR/L.27050.12DC	Right/Left	CCM..1204..	40	95°	50	27
C5	C5.SCLCR/L.35060.12DC	Right/Left	CCM..1204..	50	95°	60	35
C6	C6.SCLCR/L.45065.12DC	Right/Left	CCM..1204..	63	95°	65	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.4516	PPVC.12	VPP.4513	KLJ.I45	KLJ.T20	ML.M4

Turning tool holders - external



Screw clamp
External coolant supply

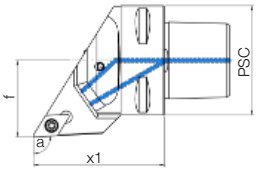
Size	Code	Orientation	Insert	PSC	a	x1	f
C6	C6.SCMCN.00090.12	Neutral	CCM..1204..	63	50°	90	0

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.4516	PPVC.12	VPP.4513	KLJ.I45	KLJ.T20	ML.M4

Turning tool holders - external

Screw clamp

Direct coolant supply



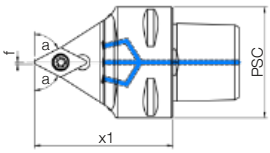
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SDJCR/L.27050.11DC	Right/Left	DCM..11T3..	40	93°	50	27
C5	C5.SDJCR/L.35060.11DC	Right/Left	DCM..11T3..	50	93°	60	35
C6	C6.SDJCR/L.45065.11DC	Right/Left	DCM..11T3..	63	93°	65	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVD.11	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external

Screw clamp

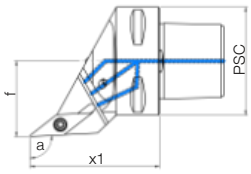
Direct coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SDNCN.00050.11DC	Neutral	DCM..11T3..	40	62.5°	50	0
C5	C5.SDNCN.00060.11DC	Neutral	DCM..11T3..	50	62.5°	60	0

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVD.11	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external

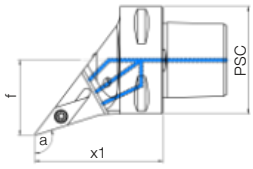


Screw clamp
Direct coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SVJBR/L.27050.16DC	Right/Left	VB(VC)..1604..	40	93°	50	27
C5	C5.SVJBR/L.35060.16DC	Right/Left	VB(VC)..1604..	50	93°	60	35
C6	C6.SVJBR/L.45065.16DC	Right/Left	VB(VC)..1604..	63	93°	65	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3508 (C4) VPT.3514 (C5,C6)	PPVV.16	VPP.3508	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external



Screw clamp
External coolant supply

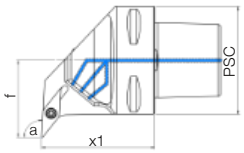
Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SVHBR/L.27050.16DC	Right/Left	VB(VC)..1604..	40	107.5°	50	27
C5	C5.SVHBR/L.35060.16DC	Right/Left	VB(VC)..1604..	50	107.5°	60	35
C6	C6.SVHBR/L.45065.16DC	Right/Left	VB(VC)..1604..	63	107.5°	65	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVV.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external

Screw clamp

Direct coolant supply



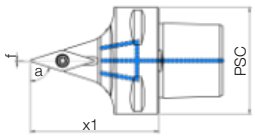
Size	Code	Orientation	Insert	PSC	a	x1	f
C6	C6.SVUBR/L.45065.16DC	Right/Left	VB(VC)..1604..	63	93°	63	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVV.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external

Screw clamp

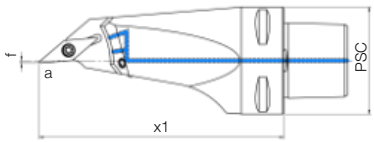
Direct coolant supply



Size	Code	Orientation	Insert	PSC	a	x1	f
C4	C4.SVVBN.00055.16DC	Neutral	VB(VC)..1604..	40	72.5°	55	0
C5	C5.SVVBN.00060.16DC	Neutral	VB(VC)..1606..	50	72.5°	60	0
C6	C6.SVVBN.00065.16DC	Neutral	VB(VC)..1608..	63	72.5°	65	0

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVV.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

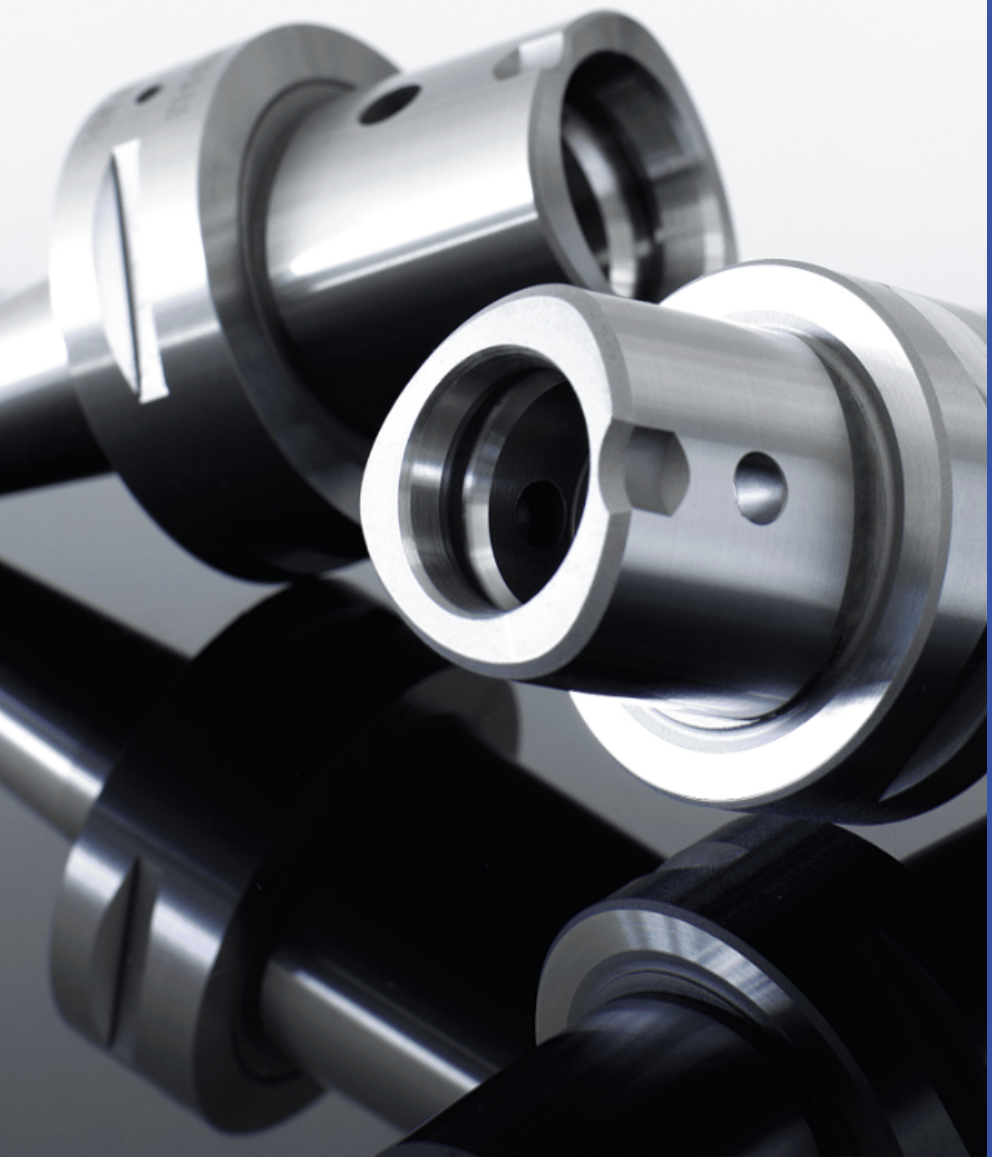
Turning tool holders - external



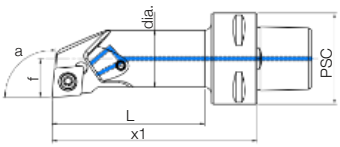
Screw clamp
Direct coolant supply

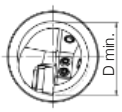
Size	Code	Orientation	Insert	PSC	a	x1	f
C5	C5.SVMBL.00115.16DC	Left	VB(VC)..1604..	50	95°	115	1,2
C6	C6.SVMBL.00130.16DC	Left	VB(VC)..1604..	63	95°	130	1,2
C6	C6.SVMBL.33120.16DC	Left	VB(VC)..1604..	63	95°	120	33

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3514	PPVV.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4



Turning tool holders - internal





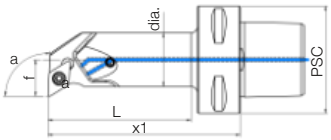
Screw clamp

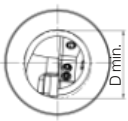
Direct coolant supply

Size	Code	Orientation	Insert	PSC	a	x1	f	dia.	D min.	L
C4	C4.SCLCR/L.17090.12DC	Right/Left	CCM..1204..	40	95°	50	17	25	32	69
C5	C5.SCLCR/L.17090.12DC	Right/Left	CCM..1204..	50	95°	90	17	25	32	67

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.4512	PPVC.12	VPP.4508	KLJ.I45	KLJ.T20	ML.M4

Turning tool holders - internal





Screw clamp

Direct coolant supply

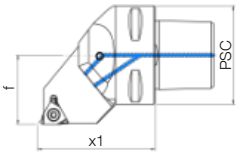
Size	Code	Orientation	Insert	PSC	a	x1	f	dia.	D min.	L
C4	C4.SDUCR/L.13080.11DC	Right/Left	DCM..11T3..	40	93°	80	13	20	25	58
C4	C4.SDUCR/L.17090.11DC	Right/Left	DCM..11T3..	40	93°	90	17	20	25	58
C5	C5.SDUCR/L.13080.11DC	Right/Left	DCM..11T3..	50	93°	80	13	25	32	69
C5	C5.SDUCR/L.17090.11DC	Right/Left	DCM..11T3..	50	93°	90	17	25	32	69

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
Code:	VPT.3511	PPVD.11	VPP.3508	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - external thread

Screw clamp

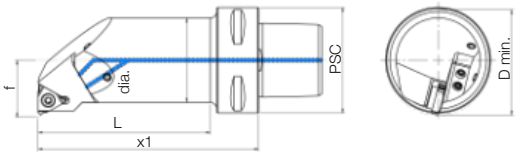
Direct coolant supply



Size	Code	Orientation	Insert	PSC	x1	f
C4	C4.SER/L.27050.16DC	Right/Left	16ER/L	40	50	27
C5	C5.SER/L.35060.16DC	Right/Left	16ER/L	50	60	35
C6	C6.SER/L.45065.16DC	Right/Left	16ER/L	63	65	45

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
						
Code:	VPT.3514	PPVN.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Turning tool holders - internal thread



Screw clamp

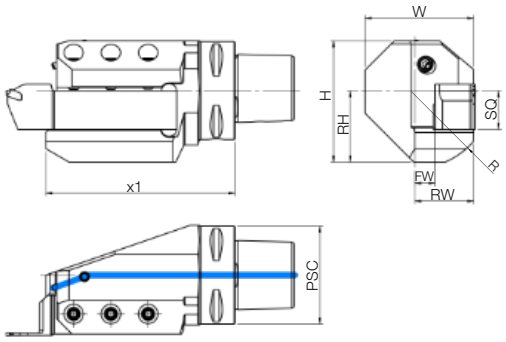
Direct coolant supply

Size	Code	Orientation	Insert	PSC	x1	L	f	dia.	D.min
C4	C4.SIR/L.14060.16DC	Right/Left	16IR/L	40	60	38	14	20	33
C4	C4.SIR/L.17070.16DC	Right/Left	16IR/L	40	70	48	17	25	33
C4	C4.SIR/L.22090.16DC	Right/Left	16IR/L	40	90	69	22	32	40
C5	C5.SIR/L.17070.16DC	Right/Left	16IR/L	50	70	47	17	25	33
C5	C5.SIR/L.22090.16DC	Right/Left	16IR/L	50	90	68	22	32	33
C5	C5.SIR/L.27105.16DC	Right/Left	16IR/L	50	105	84	27	40	40
C6	C6.SIR/L.17075.16DC	Right/Left	16IR/L	63	75	48	17	25	33
C6	C6.SIR/L.22090.16DC	Right/Left	16IR/L	63	90	64	22	32	33
C6	C6.SIR/L.27105.16DC	Right/Left	16IR/L	63	105	80	17	40	40

Spare parts	Insert screw	Shim	Shim screw	Key	Key	Nozzle
						
Code:	VPT.3514	PPVN.16	VPP.3511	KLJ.I35	KLJ.T15	ML.M4

Rectangular shank adaptors

Internal coolant supply

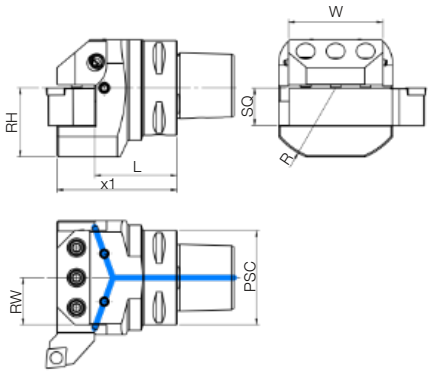


Radial

Size	Code	Orientation	PSC	X1	SQ	H	W	RH	RW	FW	R	bar	kg
C5	C5.QSHR/L.095.20DC	Right/Left	50	95	20	69	55.5	37	30	27	42.5	150	1.6
C6	C6.QSHR/L.105.20DC	Right/Left	63	105	20	69	63.5	37	30	35	42.5	150	2.3
C6	C6.QSHR/L.122.25DC	Right/Left	63	122	25	78	70.0	46	38	45	50	150	2.9
C8	C8.QSHR/L.122.25DC	Right/Left	80	122	25	86	80.0	46	40	45	51.5	150	4.3

Rectangular shank adaptors

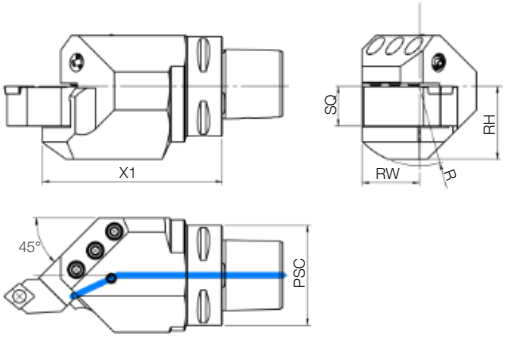
Internal coolant supply



Axial

Size	Code	Orientation	PSC	X1	SQ	H	W	RW	R	bar	kg
C5	C5.QSHA.065.20DC	Right/Left	50	65	20	45	64	32	42.5	150	1.4
C6	C6.QSHA.080.25DC	Right/Left	63	70	25	50	64	32	42.5	150	1.8
C8	C8.QSHA.075.25DC	Right/Left	80	75	25	50	80	38	51.5	150	3.0

Rectangular shank adaptors



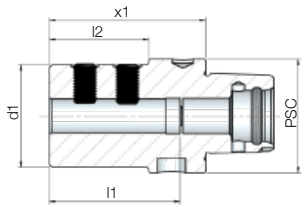
Internal coolant supply

Size	Code	Orientation	PSC	X1	SQ	RH	RW	R	bar	kg
C5	C5.QSHR/L45.085.20DC	Right/Left	50	85	20	37	32	42.5	150	1.6
C6	C6.QSHR/L45.114.25DC	Right/Left	63	114	25	46	36	50	150	2.2
C8	C8.QSHR/L45.135.32DC	Right/Left	80	135	32	-	-	-	150	6.8

45°

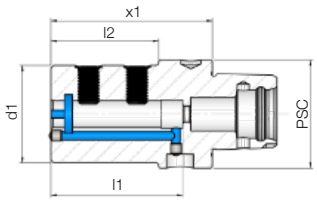
Indexable inserts drills holders

Internal coolant supply



Size	Code	d1	PSC	x1	d2	l1	l2
C4	C4.IDA06.050	6	40	50	**25**	30	39
C4	C4.IDA08.050	8	40	50	**28**	30	39
C4	C4.IDA10.050	10	40	50	**35**	30	41
C4	C4.IDA12.055	12	40	55	40	35	46
C5	C5.IDA06.050	6	50	50	25	30	39
C5	C5.IDA08.050	8	50	50	28	30	39
C5	C5.IDA10.055	10	50	55	35	35	44
C5	C5.IDA12.060	12	50	60	42	40	46
C5	C5.IDA16.060	16	50	60	48	40	49
C6	C6.IDA06.055	6	63	55	25	33	41
C6	C6.IDA08.055	8	63	55	28	33	41
C6	C6.IDA10.060	10	63	60	35	38	44
C6	C6.IDA12.060	12	63	60	42	38	46
C6	C6.IDA16.065	16	63	65	48	43	49
C6	C6.IDA20.065	20	63	65	52	43	51
C8	C8.IDA08.070	8	80	70	28	40	41
C8	C8.IDA10.070	10	80	70	35	40	44
C8	C8.IDA12.070	12	80	70	42	40	49
C8	C8.IDA16.070	16	80	70	58	40	52
C8	C8.IDA20.070	20	80	70	52	40	54
C8	C8.IDA25.080	25	80	80	65	50	59

Boring bar holders

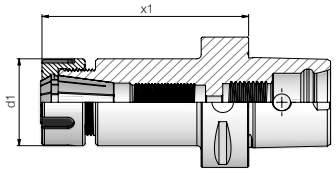


Direct coolant supply

Size	Code	d1	PSC	x1	d2	l1	l2
C4	C4.BBA06.060DC	6	40	60		40	49
C4	C4.BBA08.060DC	8	40	60		40	49
C4	C4.BBA10.060DC	10	40	60		40	49
C4	C4.BBA12.060DC	12	40	60		40	49
C5	C5.BBA06.060DC	6	50	60		40	47
C5	C5.BBA08.060DC	8	50	60		40	47
C5	C5.BBA10.060DC	10	50	60		40	47
C5	C5.BBA12.060DC	12	50	60		40	47
C5	C5.BBA16.060DC	16	50	60		40	47
C6	C6.BBA06.065DC	6	63	65		43	50
C6	C6.BBA08.065DC	8	63	65		43	50
C6	C6.BBA10.065DC	10	63	65		43	50
C6	C6.BBA12.065DC	12	63	65		43	50
C6	C6.BBA16.065DC	16	63	65		43	50
C6	C6.BBA20.065DC	20	63	65		43	50
C8	C8.BBA08.070DC	8	80	70		40	64
C8	C8.BBA10.070DC	10	80	70		40	64
C8	C8.BBA12.070DC	12	80	70		40	64
C8	C8.BBA16.070DC	16	80	70		40	64
C8	C8.BBA20.070DC	20	80	70		40	64
C8	C8.BBA25.070DC	25	80	70		40	64

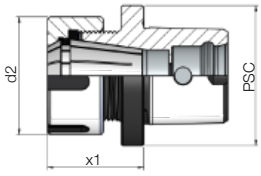
ER Collet chucks

Internal coolant supply
Radial runout ≤ 0,003 mm
G2.5 at 25 000 min^{-1}



Size	Code	ER	Range	PSC	x1	d2
C4	C4.ER16.070	ER16	1 - 10	40	70	28
C4	C4.ER20.052	ER20	1 - 13	40	52	35
C4	C4.ER25.052	ER25	1 - 16	40	52	42
C4	C4.ER32.054	ER32	2 - 20	40	54	50
C5	C5.ER16.055	ER16	1 - 10	50	55	28
C5	C5.ER16.100	ER16	1 - 10	50	100	28
C5	C5.ER20.055	ER20	1 - 13	50	55	35
C5	C5.ER20.100	ER20	1 - 13	50	100	35
C5	C5.ER25.055	ER25	1 - 16	50	55	42
C5	C5.ER25.100	ER25	1 - 16	50	100	42
C5	C5.ER32.057	ER32	2 - 20	50	57	50
C5	C5.ER32.100	ER32	2 - 20	50	100	50
C5	C5.ER40.060	ER40	3 - 26	50	60	63
C6	C6.ER16.060	ER16	1 - 10	63	60	28
C6	C6.ER16.100	ER16	1 - 10	63	100	28
C6	C6.ER20.060	ER20	1 - 13	63	60	35
C6	C6.ER20.100	ER20	1 - 13	63	100	35
C6	C6.ER25.060	ER25	1 - 16	63	60	42
C6	C6.ER25.100	ER25	1 - 16	63	100	42
C6	C6.ER32.060	ER32	2 - 20	63	60	50
C6	C6.ER32.100	ER32	2 - 20	63	100	50
C6	C6.ER32.130	ER32	2 - 20	63	130	52
C6	C6.ER40.065	ER40	3 - 26	63	65	63
C6	C6.ER40.120	ER40	3 - 26	63	120	63
C8	C8.ER16.065	ER16	1 - 10	80	65	28
C8	C8.ER16.100	ER16	1 - 10	80	100	28
C8	C8.ER20.065	ER20	1 - 13	80	65	35
C8	C8.ER20.100	ER20	1 - 13	80	100	35
C8	C8.ER25.070	ER25	1 - 16	80	70	42
C8	C8.ER25.100	ER25	1 - 16	80	100	42
C8	C8.ER25.130	ER25	1 - 16	80	130	42
C8	C8.ER25.160	ER25	1 - 16	80	160	42
C8	C8.ER32.070	ER32	1 - 16	80	70	50
C8	C8.ER32.100	ER32	2 - 20	80	100	50
C8	C8.ER32.130	ER32	2 - 20	80	130	50
C8	C8.ER32.160	ER32	2 - 20	80	160	50
C8	C8.ER40.070	ER40	3 - 26	80	70	63

ER Collet chucks - short adaptor

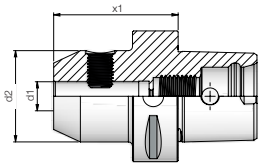


Internal coolant supply

Size	Code	ER	Range	PSC	x1	d2
C4	C4.ER20.032	ER20	1 - 13	40	32	35
C4	C4.ER25.035	ER25	1 - 16	40	35	42
C4	C4.ER32.052	ER32	2 - 20	40	52	50
C5	C5.ER25.034	ER25	1 - 16	50	34	42
C5	C5.ER32.041	ER32	2 - 20	50	41	50
C5	C5.ER40.058	ER40	3 - 26	50	58	63
C6	C6.ER32.042	ER32	2 - 20	63	42	50
C6	C6.ER40.048	ER40	3 - 26	63	48	63

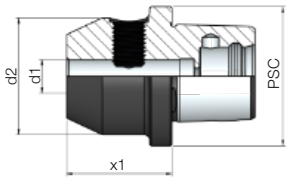
End mill holders

Internal coolant supply
Radial runout ≤ 0,003 mm
G2.5 at 25 000 min^{-1}



Size	Code	d1	PSC	x1	d2
C4	C4.WE06.050	6	40	50	25
C4	C4.WE08.050	8	40	50	28
C4	C4.WE10.050	10	40	50	35
C4	C4.WE12.055	12	40	55	42
C4	C4.WE14.055	14	40	55	44
C4	C4.WE16.055	16	40	55	48
C5	C5.WE06.050	6	50	50	25
C5	C5.WE08.050	8	50	50	28
C5	C5.WE10.050	10	50	50	35
C5	C5.WE12.055	12	50	55	42
C5	C5.WE14.055	14	50	55	44
C5	C5.WE16.055	16	50	55	48
C5	C5.WE18.060	18	50	60	50
C5	C5.WE20.060	20	50	60	52
C5	C5.WE25.080	25	50	80	65
C6	C6.WE06.055	6	63	55	25
C6	C6.WE08.055	8	63	55	28
C6	C6.WE10.060	10	63	60	35
C6	C6.WE12.060	12	63	60	42
C6	C6.WE14.060	14	63	60	44
C6	C6.WE16.065	16	63	65	48
C6	C6.WE18.065	18	63	65	50
C6	C6.WE20.065	20	63	65	52
C6	C6.WE25.080	25	63	80	65
C6	C6.WE32.090	32	63	90	72
C6	C6.WE40.100	40	63	100	90
C8	C8.WE06.070	6	80	70	25
C8	C8.WE08.070	8	80	70	28
C8	C8.WE10.070	10	80	70	35
C8	C8.WE12.070	12	80	70	42
C8	C8.WE14.070	14	80	70	44
C8	C8.WE16.070	16	80	70	48
C8	C8.WE18.070	18	80	70	50
C8	C8.WE20.070	20	80	70	52
C8	C8.WE25.080	25	80	80	65
C8	C8.WE32.080	32	80	80	72
C8	C8.WE40.110		80	110	90

End mill holders - short adaptor

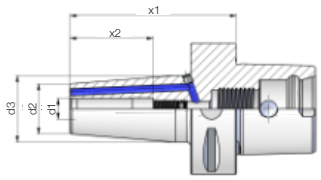


Internal coolant supply

Size	Code	d1	PSC	x1	d2
C4	C4.WE06.030	6	40	30	19
C4	C4.WE08.030	8	40	30	21
C4	C4.WE10.034	10	40	34	28
C4	C4.WE12.039	12	40	39	34
C4	C4.WE14.039	14	40	39	36
C4	C4.WE16.043	16	40	43	38
C4	C4.WE18.043	18	40	43	40
C4	C4.WE20.045	20	40	45	45
C5	C5.WE06.029	6	50	29	19
C5	C5.WE08.029	8	50	29	21
C5	C5.WE10.033	10	50	33	28
C5	C5.WE12.038	12	50	38	34
C5	C5.WE14.038	14	50	38	36
C5	C5.WE16.041	16	50	41	38
C5	C5.WE18.042	18	50	42	40
C5	C5.WE20.044	20	50	44	45
C5	C5.WE25.050	25	50	50	51
C6	C6.WE06.030	6	63	30	19
C6	C6.WE08.031	8	63	31	21
C6	C6.WE10.034	10	63	34	28
C6	C6.WE12.037	12	63	37	34
C6	C6.WE14.037	14	63	37	36
C6	C6.WE16.041	16	63	41	38
C6	C6.WE18.041	18	63	41	40
C6	C6.WE20.043	20	63	43	45
C6	C6.WE25.050	25	63	50	51
C6	C6.WE32.054	32	63	54	72

“3 in 1” THERMO Shrink-fit chucks

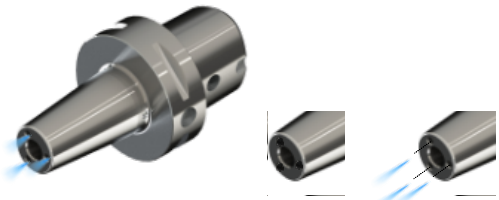
Internal and/or direct coolant supply
Radial runout ≤ 0,003 mm
G2.5 at 25 000 min^{-1}



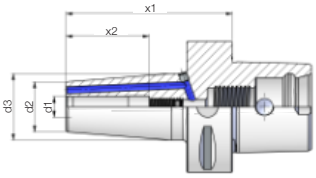
1 - Open 2 - Closed 3 - High speed

Size	Code	d1	PSC	x1	d2	d3	x2
C4	C4.SF03.075	3	40	75	9	16	-
C4	C4.SF03.120	3	40	120	9	16	-
C4	C4.SF04.075	4	40	75	10	17	-
C4	C4.SF04.120	4	40	120	10	17	-
C4	C4.SF05.075	5	40	75	11	18	-
C4	C4.SF05.120	5	40	120	11	18	-
C4	C4.SF06.075.IK	6	40	75	20	27	36
C4	C4.SF06.120.IK	6	40	120	20	27	36
C4	C4.SF08.075.IK	8	40	75	20	27	36
C4	C4.SF08.120.IK	8	40	120	20	27	36
C4	C4.SF10.075.IK	10	40	75	24	32	42
C4	C4.SF10.120.IK	10	40	120	24	32	42
C4	C4.SF12.075.IK	12	40	75	24	32	47
C4	C4.SF12.120.IK	12	40	120	24	32	47
C4	C4.SF14.080.IK	14	40	80	27	34	47
C4	C4.SF14.120.IK	14	40	120	27	34	47
C4	C4.SF16.080.IK	16	40	80	27	34	50
C4	C4.SF16.120.IK	16	40	120	27	34	50
C5	C5.SF03.075	3	50	75	9	16	-
C5	C5.SF03.120	3	50	120	9	16	-
C5	C5.SF04.075	4	50	75	10	17	-
C5	C5.SF04.120	4	50	120	10	17	-
C5	C5.SF05.075	5	50	75	11	18	-
C5	C5.SF05.120	5	50	120	11	18	-
C5	C5.SF06.075.IK	6	50	75	20	27	36
C5	C5.SF06.120.IK	6	50	120	20	27	36
C5	C5.SF08.075.IK	8	50	75	20	27	36
C5	C5.SF08.120.IK	8	50	120	20	27	36
C5	C5.SF10.075.IK	10	50	75	24	32	42
C5	C5.SF10.120.IK	10	50	120	24	32	42
C5	C5.SF12.075.IK	12	50	75	24	32	47
C5	C5.SF12.120.IK	12	50	120	24	32	47
C5	C5.SF14.080.IK	14	50	80	27	34	47
C5	C5.SF14.120.IK	14	50	120	27	34	47
C5	C5.SF16.080.IK	16	50	80	27	34	50
C5	C5.SF16.120.IK	16	50	120	27	34	50
C5	C5.SF18.080.IK	18	50	80	33	42	50
C5	C5.SF18.120.IK	18	50	120	33	42	50
C5	C5.SF20.085.IK	20	50	85	33	42	52
C5	C5.SF20.120.IK	20	50	120	33	42	52

“3 in 1” THERMO Shrink-fit chucks



1 - Open 2 - Closed 3 - High speed



Internal and/or direct coolant supply

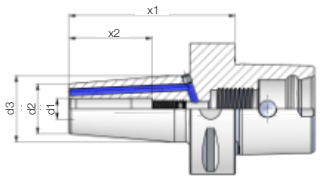
Radial runout ≤ 0,003 mm

G2.5 at 25 000 min^{-1}

Size	Code	d1	PSC	x1	d2	d3	x2
C6	C6.SF03.080	3	63	75	9	16	-
C6	C6.SF03.120	3	63	120	9	16	-
C6	C6.SF04.080	4	63	75	10	17	-
C6	C6.SF04.120	4	63	120	10	17	-
C6	C6.SF05.080	5	63	80	11	18	-
C6	C6.SF05.120	5	63	120	11	18	-
C6	C6.SF06.080.IK	6	63	80	20	27	36
C6	C6.SF06.120.IK	6	63	120	20	27	36
C6	C6.SF08.080.IK	8	63	80	20	27	36
C6	C6.SF08.120.IK	8	63	120	20	27	36
C6	C6.SF10.080.IK	10	63	80	24	32	42
C6	C6.SF10.120.IK	10	63	120	24	32	42
C6	C6.SF12.080.IK	12	63	80	24	32	47
C6	C6.SF12.120.IK	12	63	120	24	32	47
C6	C6.SF14.085.IK	14	63	85	27	34	47
C6	C6.SF14.120.IK	14	63	120	27	34	47
C6	C6.SF16.085.IK	16	63	85	27	34	50
C6	C6.SF16.120.IK	16	63	120	27	34	50
C6	C6.SF18.085.IK	18	63	85	33	42	50
C6	C6.SF18.120.IK	18	63	120	33	42	50
C6	C6.SF20.085.IK	20	63	85	33	42	52
C6	C6.SF20.120.IK	20	63	120	33	42	52
C6	C6.SF25.090.IK	25	63	90	44	53	58
C6	C6.SF25.120.IK	25	63	120	44	53	58
C6	C6.SF32.095.IK	32	63	95	44	53	63
C6	C6.SF32.120.IK	32	63	120	44	53	63

“3 in 1” THERMO Shrink-fit chucks

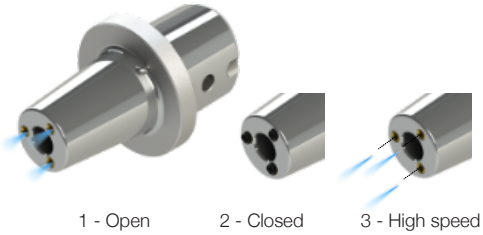
Internal and/or direct coolant supply
Radial runout ≤ 0,003 mm
G2.5 at 25 000 min^{-1}



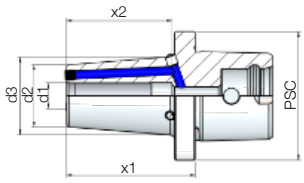
1 - Open 2 - Closed 3 - High speed

Size	Code	d1	PSC	x1	d2	d3	x2
C8	C8.SF03.085	3	80	85	9	16	-
C8	C8.SF03.130	3	80	130	9	16	-
C8	C8.SF04.085	4	80	85	10	17	-
C8	C8.SF04.130	4	80	130	10	17	-
C8	C8.SF05.085	5	80	85	11	18	-
C8	C8.SF05.130	5	80	130	11	18	-
C8	C8.SF06.085.IK	6	80	85	20	27	36
C8	C8.SF06.130.IK	6	80	130	20	27	36
C8	C8.SF08.085.IK	8	80	85	20	27	36
C8	C8.SF08.130.IK	8	80	130	20	27	36
C8	C8.SF10.085.IK	10	80	85	24	32	42
C8	C8.SF10.130.IK	10	80	130	24	32	42
C8	C8.SF12.085.IK	12	80	85	24	32	47
C8	C8.SF12.130.IK	12	80	130	24	32	47
C8	C8.SF14.085.IK	14	80	85	27	34	47
C8	C8.SF14.130.IK	14	80	130	27	34	47
C8	C8.SF16.090.IK	16	80	90	27	34	50
C8	C8.SF16.130.IK	16	80	130	27	34	50
C8	C8.SF18.090.IK	18	80	90	33	42	50
C8	C8.SF18.130.IK	18	80	130	33	42	50
C8	C8.SF20.090.IK	20	80	90	33	42	52
C8	C8.SF20.130.IK	20	80	130	33	42	52
C8	C8.SF25.090.IK	25	80	90	44	53	58
C8	C8.SF25.130.IK	25	80	130	44	53	58
C8	C8.SF32.090.IK	32	80	90	44	53	63
C8	C8.SF32.130.IK	32	80	130	44	53	63

“3 in 1” THERMO Shrink-fit chucks - short adaptors



1 - Open 2 - Closed 3 - High speed

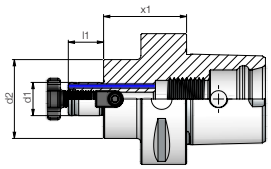


Internal and/or direct coolant supply

Size	Code	d1	PSC	x1	d2	d3	x2
C4	C4.SF06.049.IK	6	40	49	20	24.5	36
C4	C4.SF08.049.IK	8	40	49	20	24.5	36
C4	C4.SF10.049.IK	10	40	49	24	28.5	41
C4	C4.SF12.049.IK	12	40	49	24	28.5	46
C4	C4.SF14.049.IK	14	40	49	27	31.5	46
C4	C4.SF16.054.IK	16	40	54	27	32.3	49
C5	C5.SF06.050.IK	6	50	50	20	24.5	36
C5	C5.SF08.050.IK	8	50	50	20	24.5	36
C5	C5.SF10.050.IK	10	50	50	24	28.5	41
C5	C5.SF12.050.IK	12	50	50	24	28.5	46
C5	C5.SF14.050.IK	14	50	50	27	31.5	46
C5	C5.SF16.055.IK	16	50	55	27	32.3	49
C6	C6.SF06.052.IK	6	63	52	20	24.5	36
C6	C6.SF08.052.IK	8	63	52	20	24.5	36
C6	C6.SF10.052.IK	10	63	52	24	28.5	41
C6	C6.SF12.052.IK	12	63	52	24	28.5	46
C6	C6.SF14.052.IK	14	63	52	27	31.5	46
C6	C6.SF16.057.IK	16	63	57	27	32.3	49

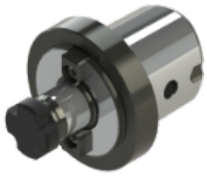
Shell mill holders

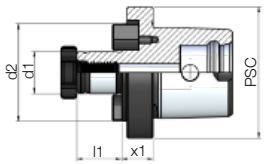
Internal coolant supply
Radial runout ≤ 0,003 mm
G2.5 at 25 000 min^{-1}



Size	Code	d1	PSC	x1	d2	l1
C4	C4.AD16.035.IK	16	40	35	28	17
C4	C4.AD22.025.IK	22	40	25	48	19
C5	C5.AD16.035.IK	16	50	35	38	17
C5	C5.AD22.025.IK	22	50	25	48	19
C5	C5.AD27.025.IK	27	50	25	56	21
C5	C5.AD32.040.IK	32	50	40	63	24
C6	C6.AD16.040.IK	16	63	40	38	17
C6	C6.AD22.025.IK	22	63	25	48	19
C6	C6.AD27.025.IK	27	63	25	56	21
C6	C6.AD32.040.IK	32	63	40	63	24
C6	C6.AD40.050.IK	40	63	50	87	27
C8	C8.AD16.050.IK	16	80	50	38	17
C8	C8.AD22.030.IK	22	80	30	48	19
C8	C8.AD27.030.IK	27	80	30	56	21
C8	C8.AD32.030.IK	32	80	30	63	24
C8	C8.AD40.060.IK	40	80	60	87	27

Shell mill holders - short adaptors





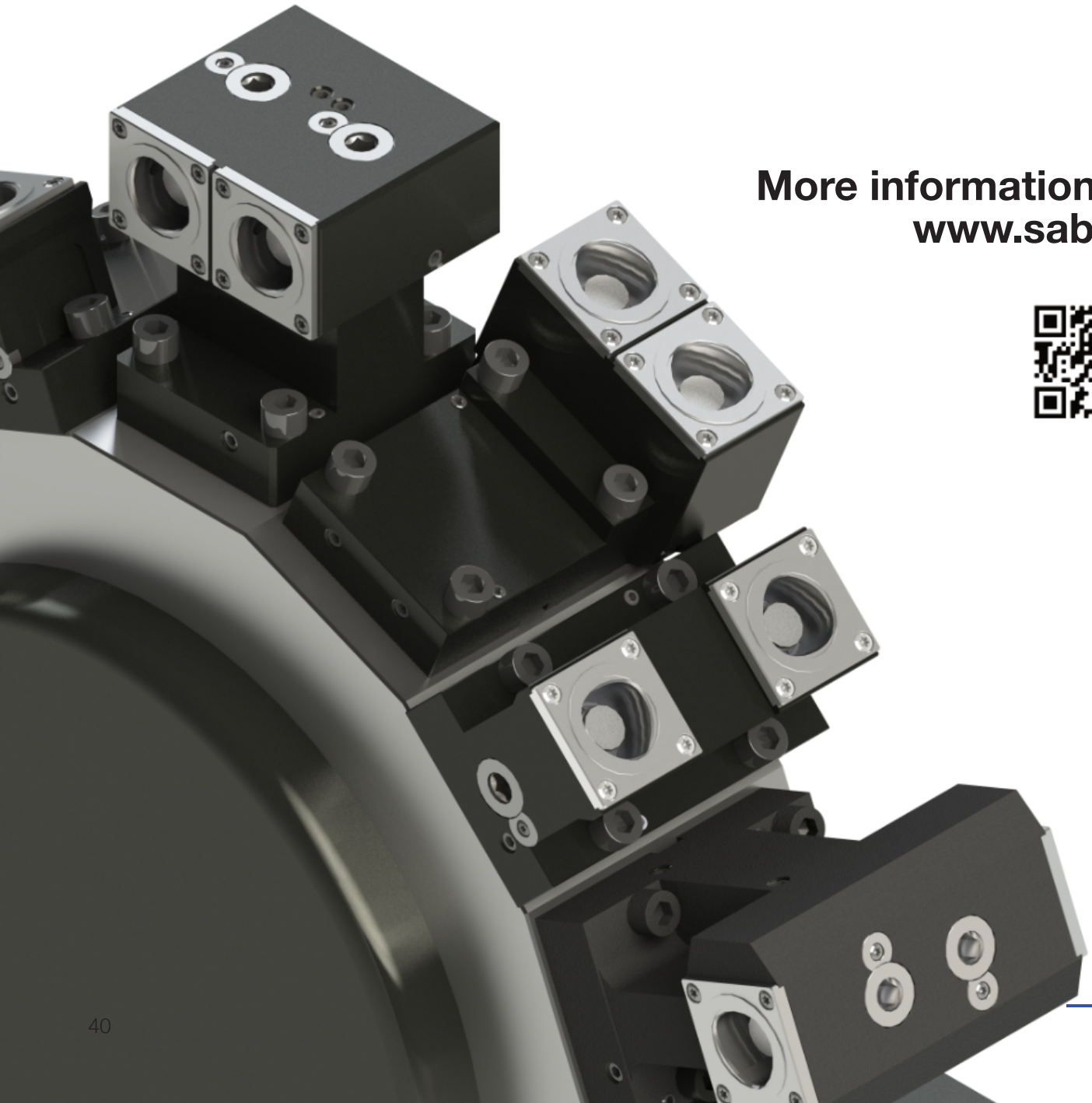
Internal coolant supply

Size	Code	d1	PSC	x1	d2	l1
C4	C4.AD16.010	16	40	10	40	17
C4	C4.AD22.012	22	40	12	45	19
C5	C5.AD16.010	16	50	10	50	17
C5	C5.AD22.012	22	50	12	50	19
C5	C5.AD27.012	27	50	12	50	21
C5	C5.AD32.018	32	50	18	63	24
C6	C6.AD16.010	16	63	10	63	17
C6	C6.AD22.010	22	63	10	63	19
C6	C6.AD27.011	27	63	11	63	21
C6	C6.AD32.012	32	63	12	63	24

PSC quick-change tool holders

Complete your transition to PSC tool holding with our PSC quick-change tool holders and take your machine's productivity to the next level.

- Single, double, Y, X, or double Y static holders
- Static holders for both OD or ID operation
- Driven tool holders - axial and radial
- Cylindrical shank tool holders and cut off holders
- Compatible with turrets of major machine tool builders



More information at www.sab.hr

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