

# **VDI Coolant**

## VDI Tool Holders with High Pressure Coolant Channels VDI 内冷型



**01** VDI Shank

**02** Compression Structure  
Two Types, Standard Shim and Wedge Clamping

**03** External Cooling Outlet  
Adjustable, extra cooling tube can be added.

**04** Internal Cooling Slot  
A long coolant outlet slot for internal cooling, enables to adjust the tool's protrusion.

**05** Tool Holder Clamping Base  
Shim can be ordered separately, used for small size tool holder.

**01** 安装柄  
经久耐用，一柄两用

**02** 压紧结构  
常规压板和楔形压紧两种结构

**03** 球形可调式冷却液喷口  
外冷却出水孔可任意方向调节，可配套安装加长冷却管

**04** 内冷槽  
可通过刀杆直接将冷却液输送至刀片

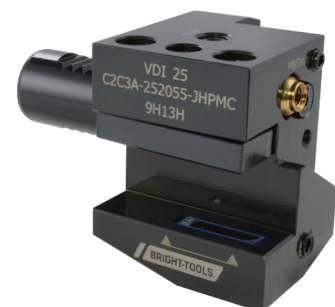
**05** 刀杆安装基面  
可加装垫片用于适应小一号刀杆



# VDI COOLANT TOOLING SYSTEM

## VDI COOLANT 工具系统

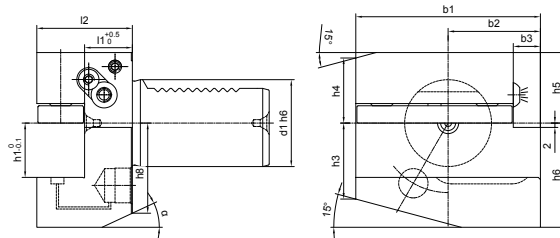
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## B1A Radial, Short, Coolant

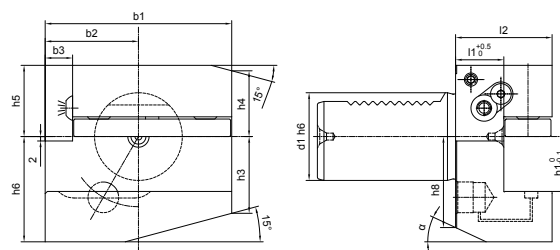
### 短型横向右刀夹, 内冷型



Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B1A-161234	42	23	5	23	15	15	20	22	19	30°
B1A-201640	55	30	7	26	19	19	25	30	23	30°
B1A-252040	70	35	10	22	26	22	28	38	30	25°
B1A-302040	70	35	10	22	26	22	28	38	30	25°
B1A-402544	85	42.5	12.5	22	35	30	32.5	48	43	30°
B1A-502544	85	42.5	12.5	22	43	30	32.5	48	43	30°

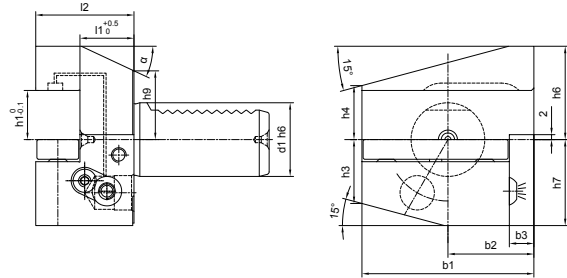
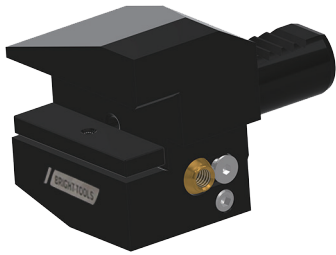
## B2A Radial, Short, Coolant

### 短型横向左刀夹, 内冷型

**VDI**


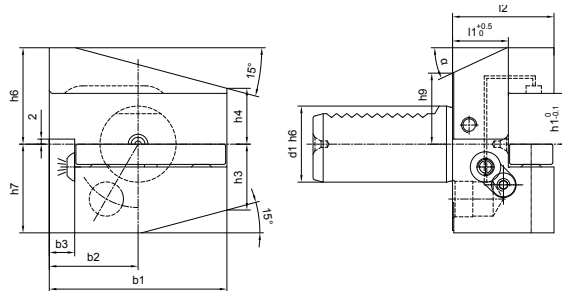
Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B2A-161234	42	23	5	23	15	15	20	22	19	30°
B2A-201640	55	30	7	26	19	19	25	30	23	30°
B2A-252040	70	35	10	22	29.5	22	28	38	30	25°
B2A-302040	70	35	10	22	26	22	28	38	30	25°
B2A-402544	85	42.5	12.5	22	35	30	32.5	48	43	30°
B2A-502544	85	42.5	12.5	22	35	30	32.5	48	43	30°

**B3A Radial, Short, Coolant**  
 短型横向反切右刀夹, 内冷型



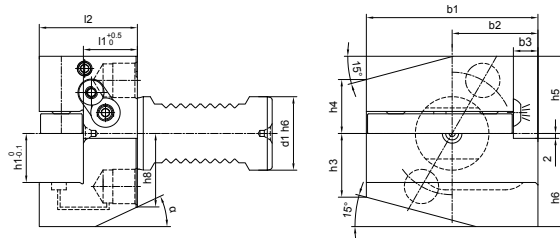
Size	b1	b2	b3	l1	h3	h4	h6	h7	h9	a
B3A-161234	42	23	5	23	15	15	22	20	19	30°
B3A-201640	55	30	7	26	19	19	30	25	23	30°
B3A-302040	70	35	10	22	26	22	38	35	28	25°
B3A-402544	85	42.5	12.5	22	35	30	48	42.5	43	30°
B3A-502544	85	42.5	12.5	22	35	30	48	42.5	43	30°

**B4A Radial, Short, Coolant**  
 短型横向反切左刀夹, 内冷型



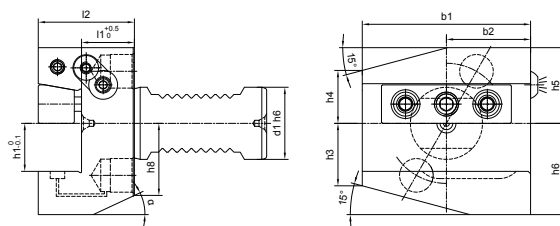
Size	b1	b2	b3	l1	h3	h4	h6	h7	h9	a
B4A-161234	42	23	5	23	15	15	22	20	19	30°
B4A-201640	55	30	7	26	19	19	30	25	23	30°
B4A-302040	70	35	10	22	26	22	38	35	28	25°
B4A-402544	85	42.5	12.5	22	35	30	48	42.5	43	30°
B4A-502544	85	42.5	12.5	22	35	30	48	42.5	43	30°

## B1B4A Radial, Short, Coolant 短型横向右 (反切左) 刀夹, 内冷型



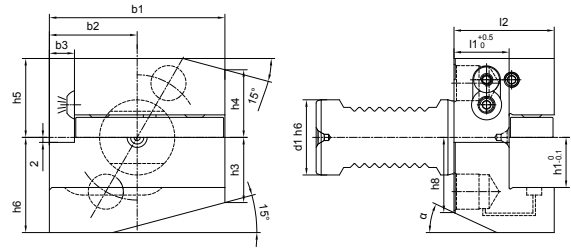
Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B1B4A-302040	70	35	10	22	26	22	31.5	38	30	25°
B1B4A-402544	85	42.5	12.5	22	35	30	38	48	43	30°
B1B4A-502544	85	42.5	12.5	22	43	30	43	48	43	30°

## B1B4AK Radial, Short, Coolant, Wedge Clamping Holders 短型横向右 (反切左) 刀夹, 内冷型, 楔形压紧

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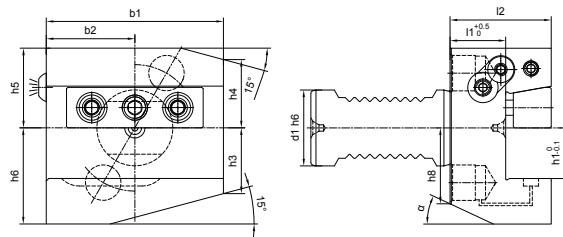
Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B1B4AK-302040	70	35	-	22	26	22	31.5	38	30	25°
B1B4AK-402544	85	42.5	-	22	35	30	38	48	43	30°
B1B4AK-502544	85	42.5	-	22	43	30	43	48	43	30°

## B2B3A Radial, Short, Coolant 短型横向左 (反切右) 刀夹, 内冷型



Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B2B3A-302040	70	35	10	22	26	27	31.5	38	30	25°
B2B3A-402544	85	42.5	12.5	22	35	30	38	48	43	30°
B2B3A-502544	85	42.5	12.5	22	35	38	43	48	43	30°

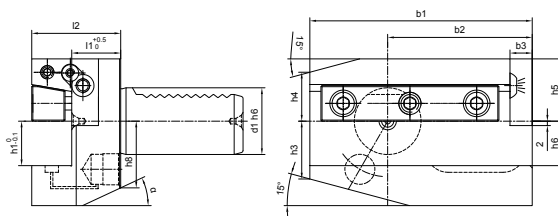
## B2B3AK Radial, Short, Coolant, Wedge Clamping Holders 短型横向左 (反切右) 刀夹, 内冷型, 楔形压紧



Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B2B3AK-302040	70	35	-	22	26	27	31.5	38	30	25°
B2B3AK-402544	85	42.5	-	22	35	30	38	48	43	30°
B2B3AK-502544	85	42.5	-	22	35	38	43	48	43	30°

## B5AK Radial, Long, Coolant, Wedge Clamping Holders

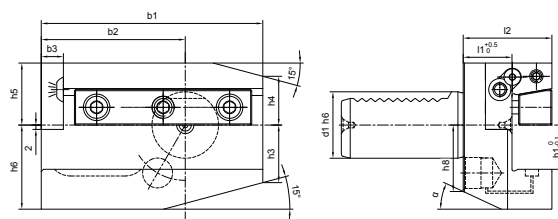
长型横向右刀夹, 内冷型, 楔形压紧



Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B5AK-302040	100	65	10	22	26	22	28	38	30	25°
B5AK-402544	118	75.5	12.5	22	35	30	32.5	48	43	30°
B5AK-503255	130	80	16	30	42	35	35	60	55	30°
B5AK-603260	145	82.5	16	30	46	42.5	42.5	62.5	57	30°

## B6AK Radial, Long, Coolant, Wedge Clamping Holders

长型横向左刀夹, 内冷型, 楔形压紧

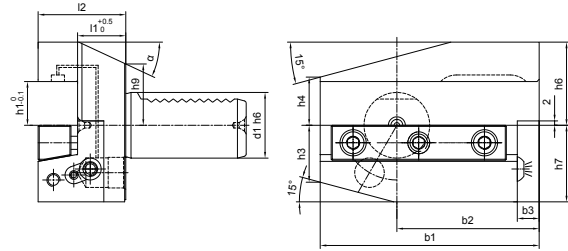


Size	b1	b2	b3	l1	h3	h4	h5	h6	h8	$\alpha$
B6AK-302040	100	65	10	22	26	22	28	38	30	25°
B6AK-402544	118	75.5	12.5	22	35	30	32.5	48	43	30°
B6AK-503255	130	80	16	30	42	35	35	60	55	30°
B6AK-603260	145	82.5	16	30	46	42.5	42.5	62.5	57	30°



## B7AK Radial, Long, Coolant, Wedge Clamping Holders

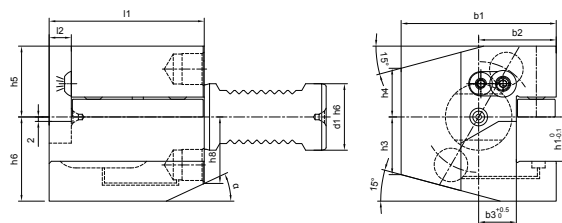
### 长型横向反切右刀夹, 内冷型, 楔形压紧



Size	b1	b2	b3	l1	h3	h4	h6	h7	h9	$\alpha$
B7AK-302040	100	65	10	22	26	22	38	35	28°	25°
B7AK-402544	118	75.5	12.5	22	35	30	48	42.5	43	30°
B7AK-503255	130	80	16	30	42	35	60	50	55	30°
B7AK-603260	145	82.5	16	30	46	42.5	62.5	62.5	57	30°

## C1C4A Axial, Coolant

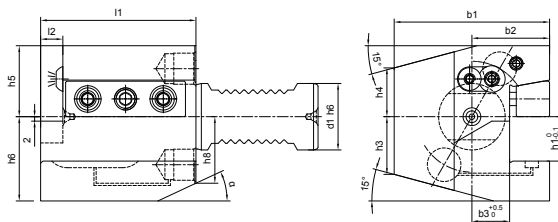
### 纵向右 (反切左) 刀夹, 内冷型



Size	b1	b2	b3	l2	h3	h4	h5	h6	h8	$\alpha$
C1C4A-161244	43	24	13	5	15	15	24	20	19	30°
C1C4A-201655	52	27	13	7	19	19	25	30	23	30°
C1C4A-252025	58	33	15	7	26	26	28	36	28	15°
C1C4A-302070	70	35	17	10	26	22	32	38	30	25°
C1C4A-402585	85	42.5	21	12.5	35	30	38	48	40	15°
C1C4A-502585	90.5	48	26	12.5	42	35	44	48	43	30°

## C1C4AK Axial, Coolant, Wedge Clamping Holders

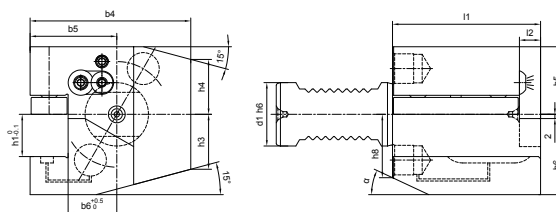
纵向右 (反切左) 刀夹, 内冷型, 楔形压紧



Size	b1	b2	b3	l2	h3	h4	h5	h6	h8	$\alpha$
C1C4AK-302070	70	35	17	10	26	22	32	38	30	25°
C1C4AK-402585	85	42.5	21	12.5	35	30	38	48	40	15°
C1C4AK-502585	90.5	48	26	12.5	42	35	44	48	43	30°

## C2C3A Axial, Coolant

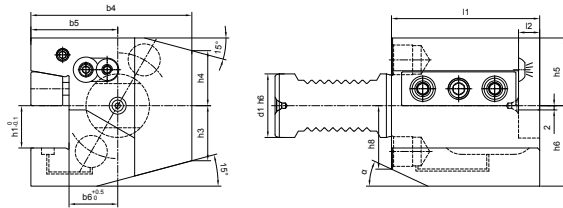
纵向左 (反切右) 刀夹, 内冷型



Size	b4	b5	b6	l2	h3	h4	h5	h6	h8	$\alpha$
C2C3A-161244	43	24	13	5	15	15	20	24	19	30°
C2C3A-201655	58	33	19	7	19	19	25	30	23	30°
C2C3A-252055	62	37	19	7	26	26	28	36	28	15°
C2C3A-302070	76	41	23	10	26	26	32	38	30	25°
C2C3A-402585	90	47.5	25.5	12.5	35	30	38	48	40	15°
C2C3A-502585	95	52.5	30.5	12.5	42	37	44	48	43	30°

## C2C3AK Axial, Coolant, Wedge Clamping Holders

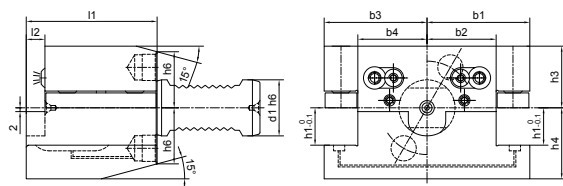
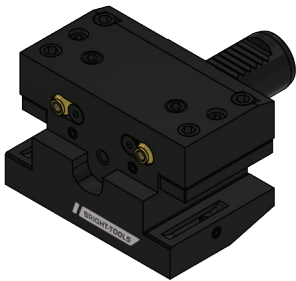
纵向左 (反切右) 刀夹, 内冷型, 楔形压紧



Size	b4	b5	b6	l2	h3	h4	h5	h6	h8	$\alpha$
C2C3AK-302070	76	41	23	10	26	26	32	38	30	25°
C2C3AK-402585	90	47.5	25.5	12.5	35	30	38	48	40	15°
C2C3AK-502585	95	52.5	30.5	12.5	42	37	44	48	43	30°

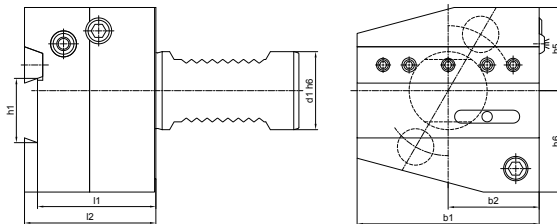
## D1D2A Rectangular Holder, Coolant

多座刀夹, 内冷型



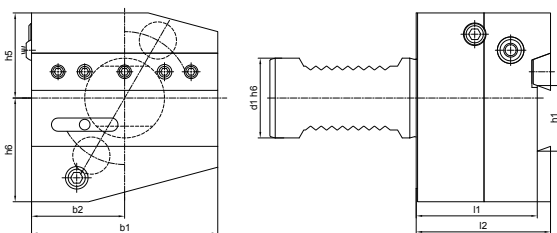
Size	b1	b2	b3	b4	h3	h4	h6	l2	$\alpha$
D1D2A-252055	37	19	37	19	28	38	28	7	15°
D1D2A-302070	55	37	55	37	33	38	30	10	15°
D1D2A-402585	65	43	65	43	43.5	48	37	12.5	15°

## ARALU Cutting Off Tool Holder, Coolant 短型横向切刀右 (反切左) 刀夹, 内冷型



Size	l1	l2	b1	b2	h5	h6
ARALUA-2526	44	50	60	30	28	36
ARALUA-3026	44	50	70	35	32	37
ARALUA-3032	44	50	85	42.5	32	40
ARALUA-4026	44	50	85	42.5	43	40
ARALUA-4032	44	50	85	42.5	43	40
ARALUA-5032	44	50	100	50	43	45

## ALARU Cutting Off Tool Holder, Coolant 短型横向切刀左 (反切右) 刀夹, 内冷型



Size	l1	l2	b1	b2	h5	h6
ALARUA-2526	44	50	60	30	28	36
ALARUA-3026	44	50	70	35	32	37
ALARUA-3032	44	50	85	42.5	32	40
ALARUA-4026	44	50	85	42.5	43	40
ALARUA-4032	44	50	85	42.5	43	40
ALARUA-5032	44	50	100	50	43	45