



VDI

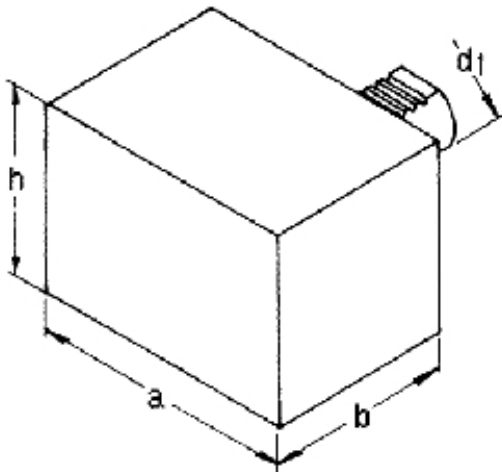
## A1 Rectangular Soft Blank / VDI 16

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	klein a	h	b
VDI A1 16x 78	16	78	44	44



VDI

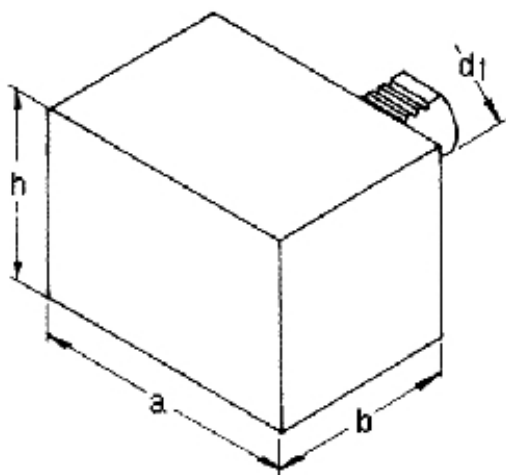
## A1 Rectangular Soft Blank / VDI 20

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	klein a	h	b
VDI A1 20x100	20	100	60	65



VDI

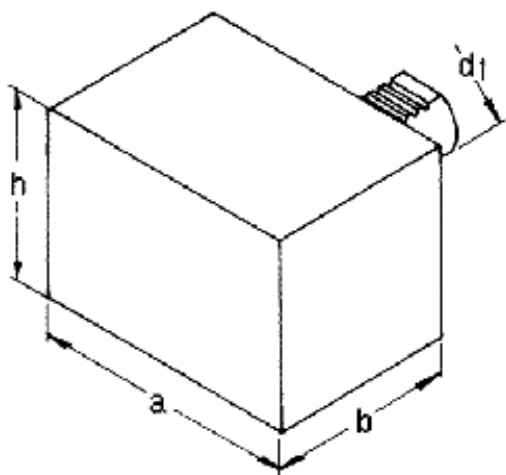
## A1 Rectangular Soft Blank / VDI 30

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	klein a	h	b
VDI A1 30x130	30	130	76	85



VDI

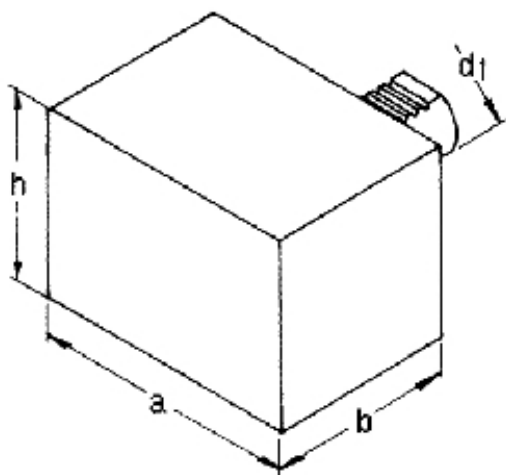
## A1 Rectangular Soft Blank / VDI 40

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	klein a	h	b
VDI A1 40x151	40	151	96	100



VDI

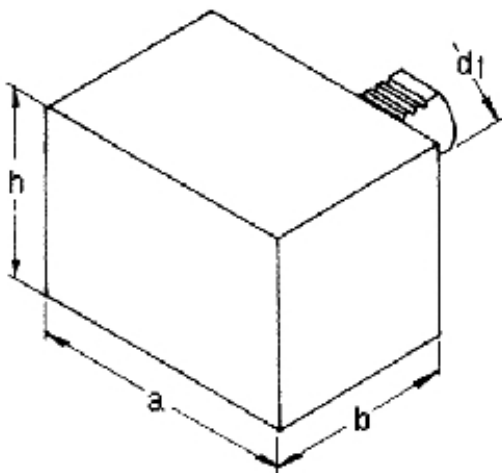
## A1 Rectangular Soft Blank / VDI 50

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	klein a	h	b
VDI A1 50x160	50	160	120	125



VDI

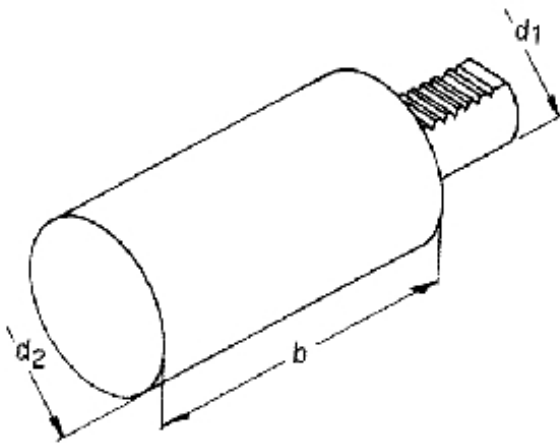
## A2 Soft Blank Round / VDI 16

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	d2	b
VDI A2 16x40x60	16	40	60



VDI

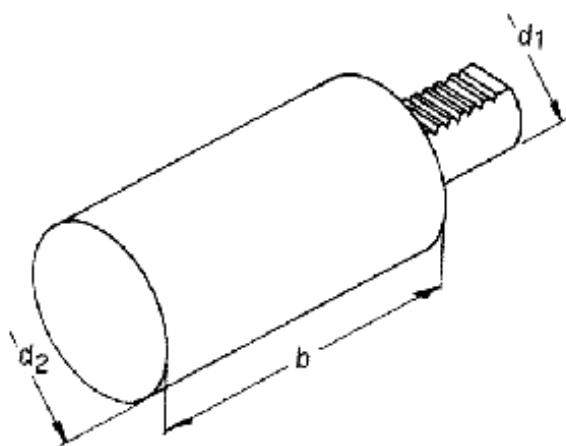
## A2 Soft Blank Round / VDI 20

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	d2	b
VDI A2 20x50x70	20	50	70



VDI

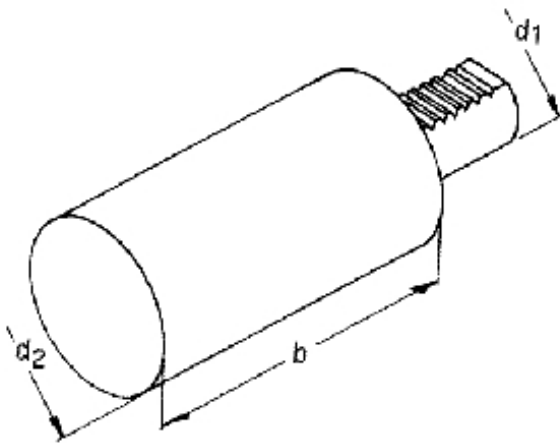
## A2 Soft Blank Round / VDI 30

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	d2	b
VDI A2 30x68x10	30	68	100
VDI A2 30x68x24	30	68	240





VDI

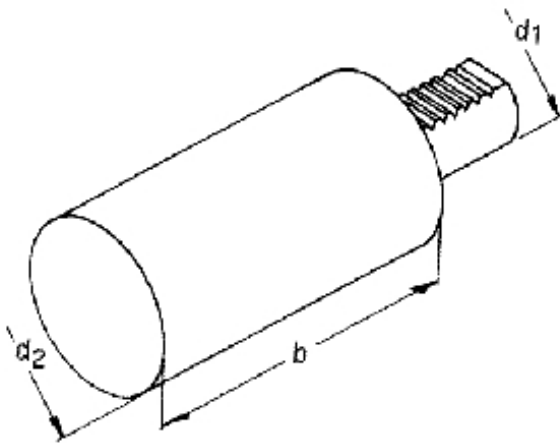
## A2 Soft Blank Round / VDI 40

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	d2	b
VDI A2 40x83x12	40	83	120
VDI A2 40x83x32	40	83	320



VDI

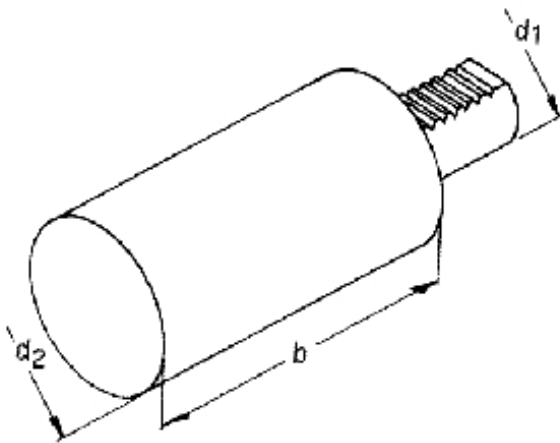
## A2 Soft Blank Round / VDI 50

### Verwendung

blank bar for production of special toolholders

### Werkstoff

shank and contact surface are hardened and grinded. The rest is unhardened



Article-Nr.	d1	d2	b
VDI A2 50x98x13	50	98	135
VDI A2 50x98x40	50	98	400



VDI

## B1 Radial , right hand , short / VDI 16

### Verwendung

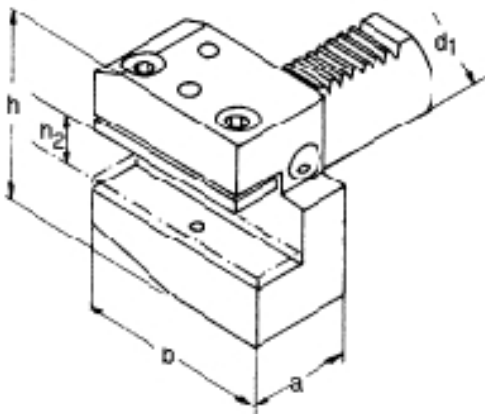
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B1 16x12x24	16	24	42	42	12



VDI

## B1 Radial , right hand , short / VDI 20



### Verwendung

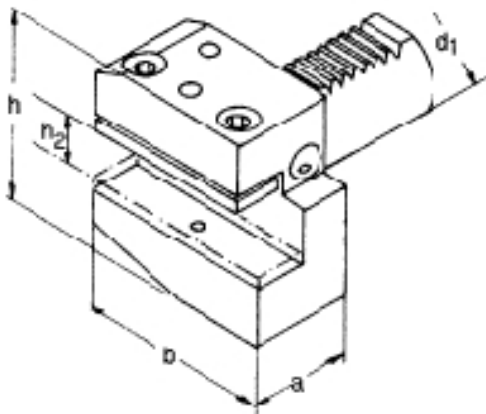
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B1 20x16x30	20	30	55	55	16



VDI

## B1 Radial , right hand , short / VDI 30

### Verwendung

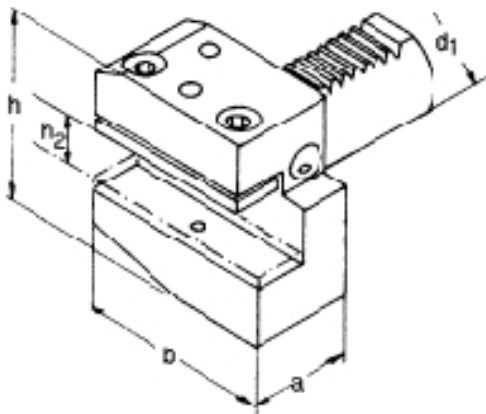
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B1 30x20x40	30	40	66	70	20



VDI

## B1 Radial , right hand , short / VDI 40



### Verwendung

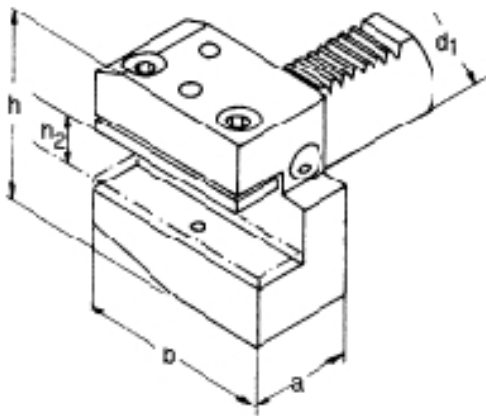
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B1 40x25x44	40	44	81	88	25



VDI

## B1 Radial , right hand , short / VDI 50



### Verwendung

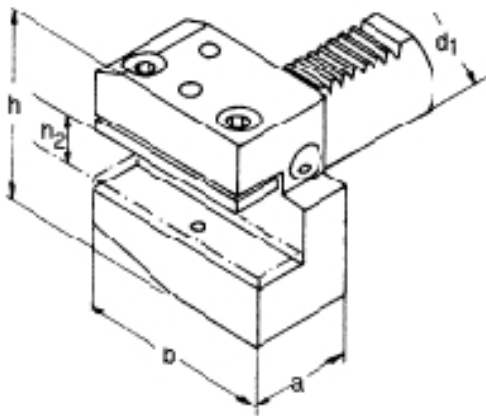
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B1 50x32x55	50	55	95	100	32



VDI

## B2 Radial , left hand , short / VDI 16

### Verwendung

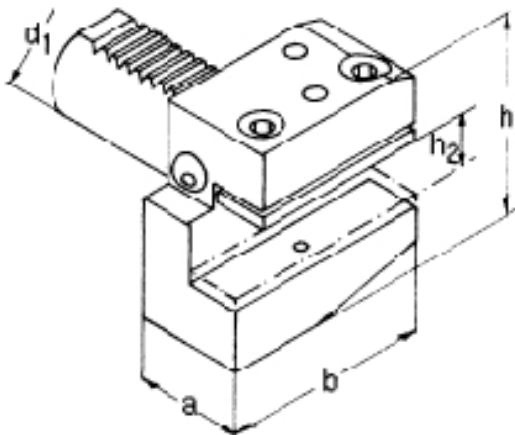
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B2 16x12x24	16	24	42	42	12





VDI

## B2 Radial , left hand , short / VDI 20

### Verwendung

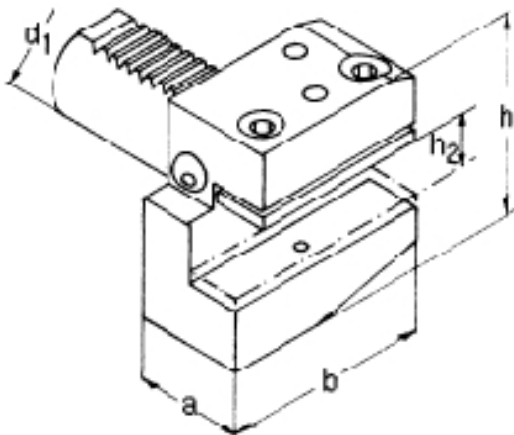
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B2 20x16x30	20	30	55	55	16



VDI

## B2 Radial , left hand , short / VDI 30

### Verwendung

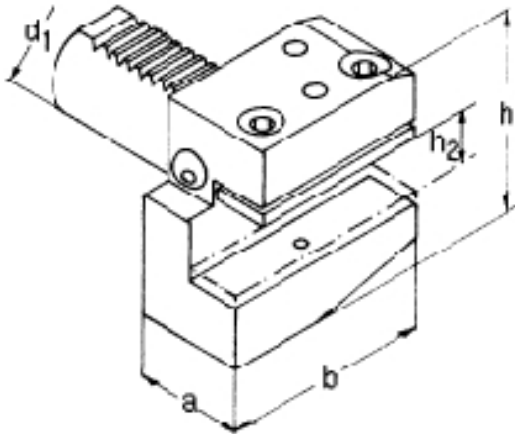
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B2 30x20x40	30	40	66	70	20



VDI

## B2 Radial , left hand , short / VDI 40

### Verwendung

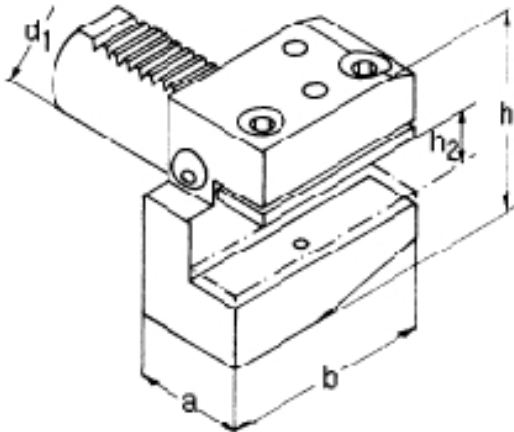
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B2 40x25x44	40	44	81	88	25



VDI

## B2 Radial , left hand , short / VDI 50

### Verwendung

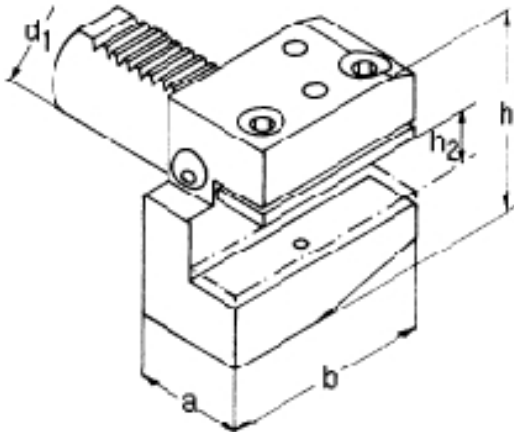
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B2 50x32x55	50	55	95	100	32



VDI

## B3 Radial inverted, right hand , short / VDI 16



### Verwendung

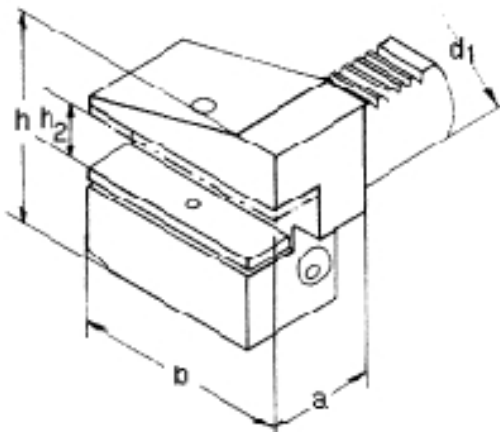
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B3 16x12x24	16	24	42	42	12



VDI

## B3 Radial inverted, right hand , short / VDI 20



### Verwendung

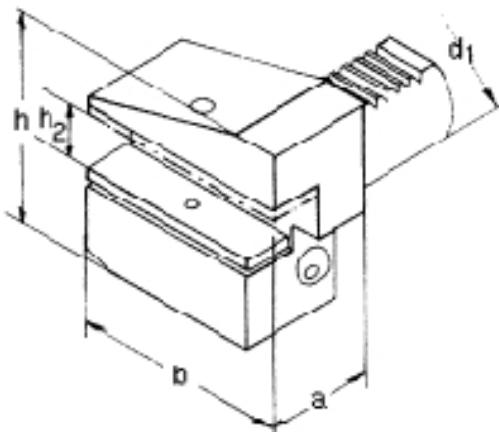
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B3 20x16x30	20	30	55	55	16



VDI

## B3 Radial inverted, right hand , short / VDI 30



### Verwendung

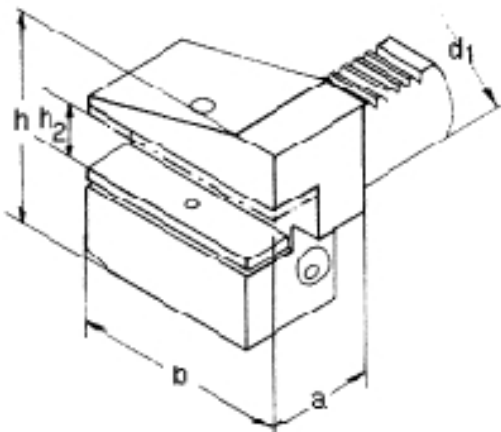
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B3 30x20x40	30	40	73	70	20



VDI

## B3 Radial inverted, right hand , short / VDI 40



### Verwendung

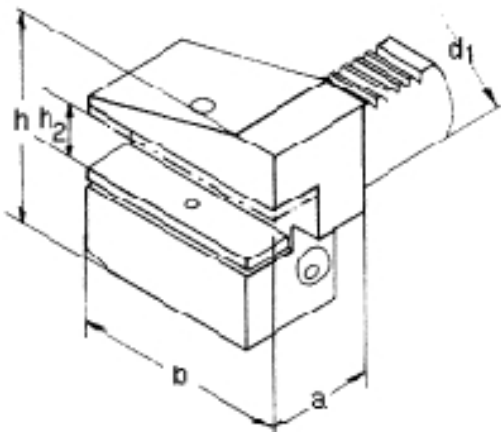
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B3 40x25x44	40	44	91	88	25





VDI

## B3 Radial inverted, right hand , short / VDI 50



### Verwendung

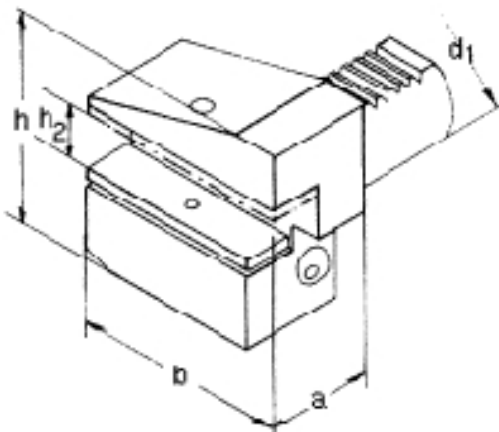
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B3 50x32x55	50	55	110	100	32



VDI

## B4 Radial inverted, left hand , short / VDI 16

### Verwendung

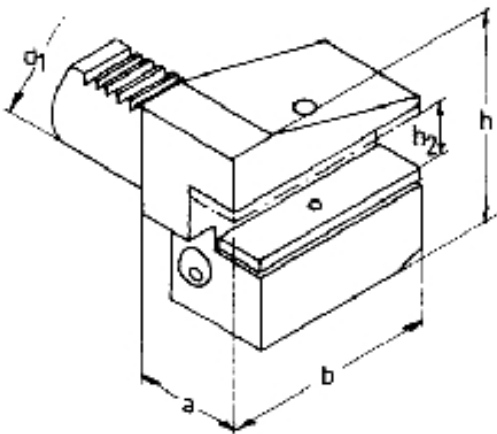
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B4 16x12x24	16	24	42	42	12



VDI

## B4 Radial inverted, left hand , short / VDI 20

### Verwendung

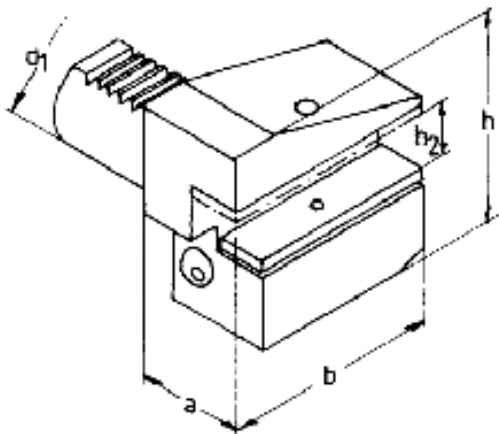
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B4 20x16x30	20	30	55	55	16



VDI

## B4 Radial inverted, left hand , short / VDI 30

### Verwendung

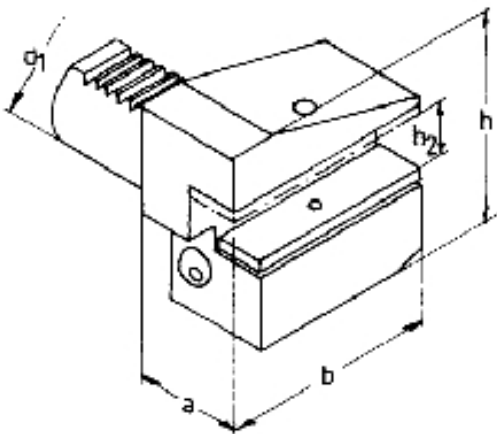
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B4 30x20x40	30	40	73	70	20



VDI

## B4 Radial inverted, left hand , short / VDI 40

### Verwendung

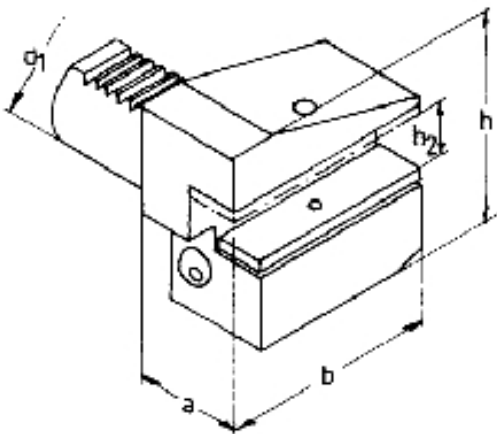
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B4 40x25x44	40	44	91	88	25



VDI

## B4 Radial inverted, left hand , short / VDI 50

### Verwendung

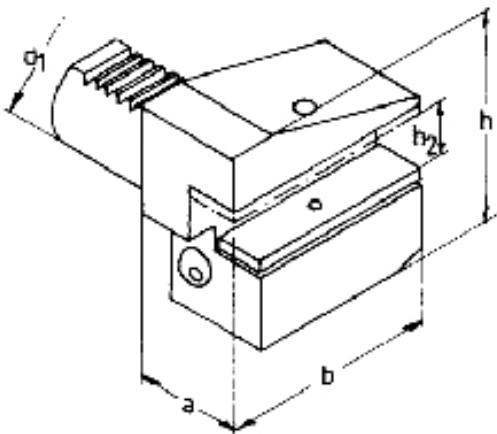
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B4 50x32x55	50	55	110	100	32



VDI

## B5 Radial , right hand , long / VDI 16



### Verwendung

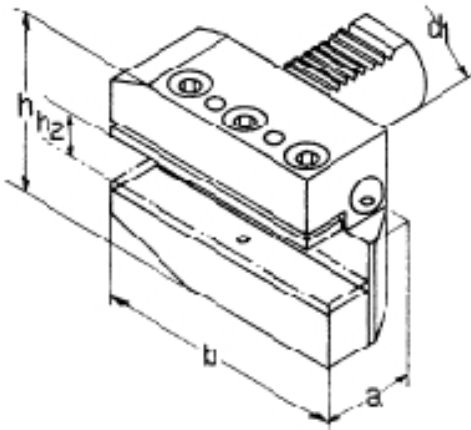
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B5 16x12x24	16	24	42	58	12



VDI

## B5 Radial , right hand , long / VDI 20



### Verwendung

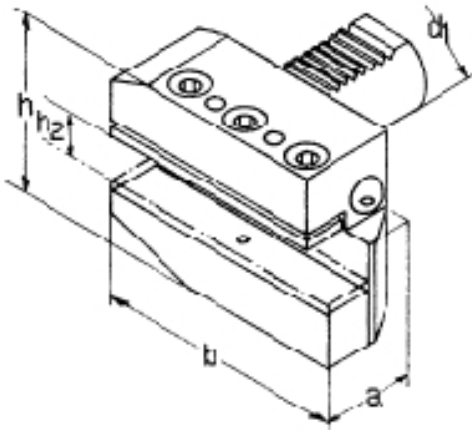
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B5 20x16x30	20	30	55	75	16





VDI

## B5 Radial , right hand , long / VDI 30



### Verwendung

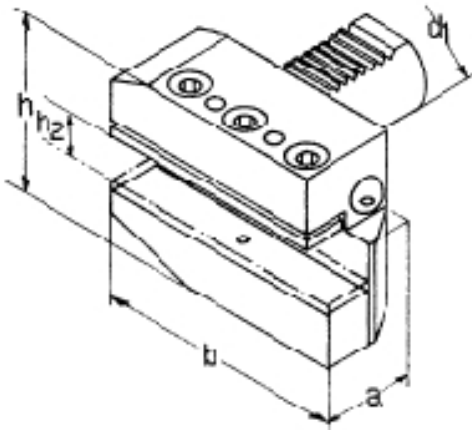
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B5 30x20x40	30	40	66	100	20



VDI

## B5 Radial , right hand , long / VDI 40



### Verwendung

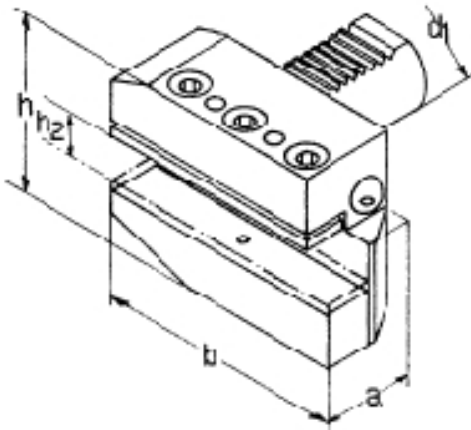
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B5 40x25x44	40	44	91	118	25



VDI

## B5 Radial , right hand , long / VDI 50



### Verwendung

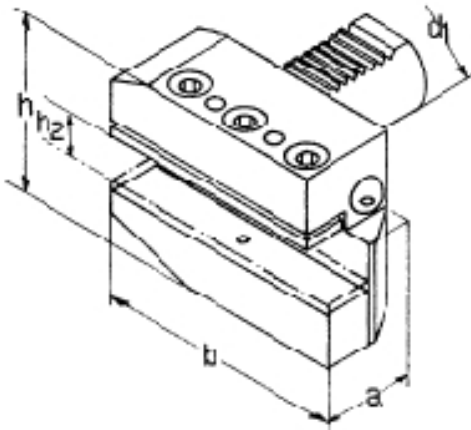
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B5 50x32x55	50	55	95	130	32



VDI

## B6 Radial , left hand , long / VDI 16



### Verwendung

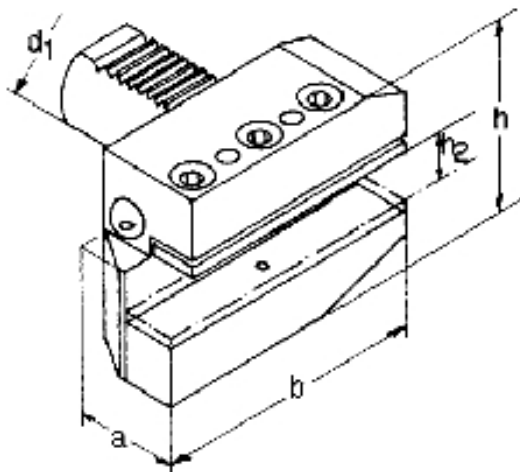
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B6 16x12x24	16	24	42	58	12



VDI

## B6 Radial , left hand , long / VDI 20



### Verwendung

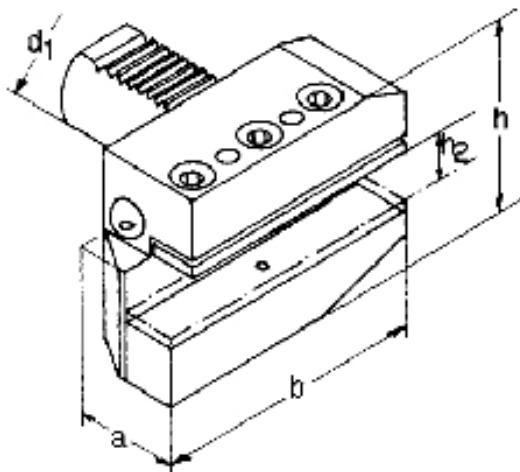
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B6 20x16x30	20	30	55	75	16



VDI

## B6 Radial , left hand , long / VDI 30



### Verwendung

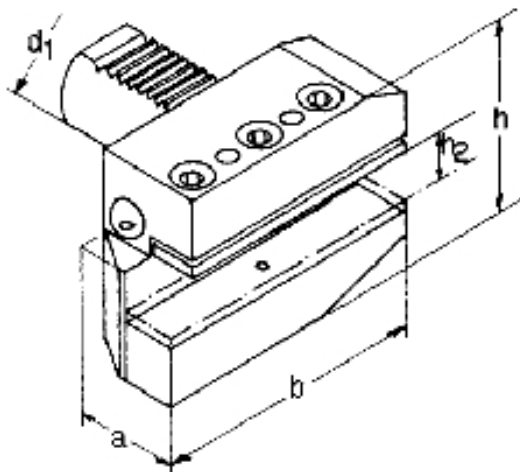
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B6 30x20x40	30	40	66	100	20



VDI

## B6 Radial , left hand , long / VDI 40



### Verwendung

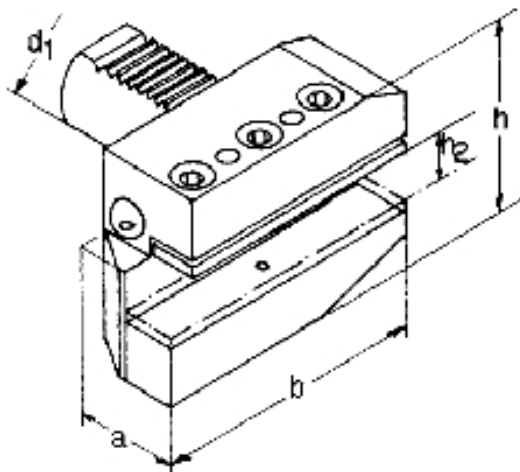
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B6 40x25x44	40	44	91	118	25



VDI

## B6 Radial , left hand , long / VDI 50



### Verwendung

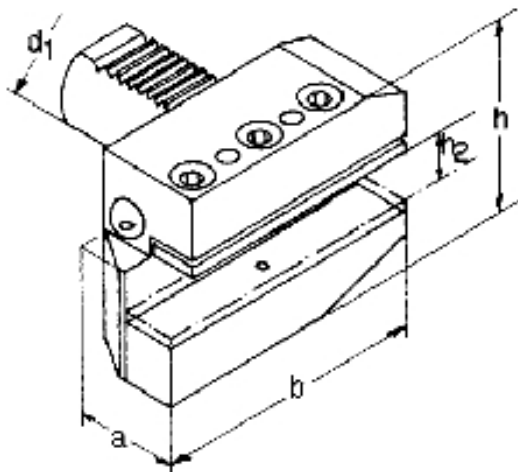
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B6 50x32x55	50	55	95	130	32





VDI

## B7 Radial inverted, right hand , long / VDI 16



### Verwendung

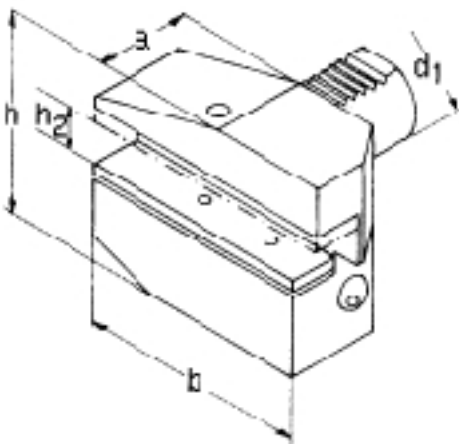
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B7 16x12x24	16	24	42	58	12



VDI

## B7 Radial inverted, right hand , long / VDI 20



### Verwendung

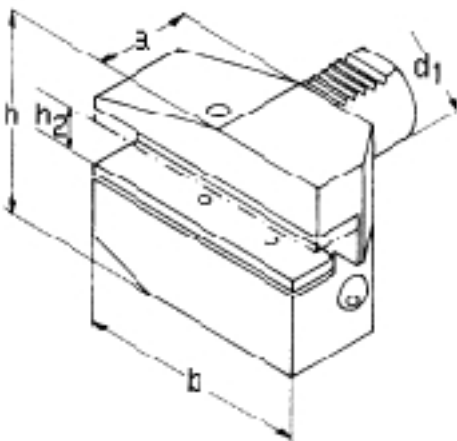
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B7 20x16x30	20	30	55	75	16



VDI

## B7 Radial inverted, right hand , long / VDI 30



### Verwendung

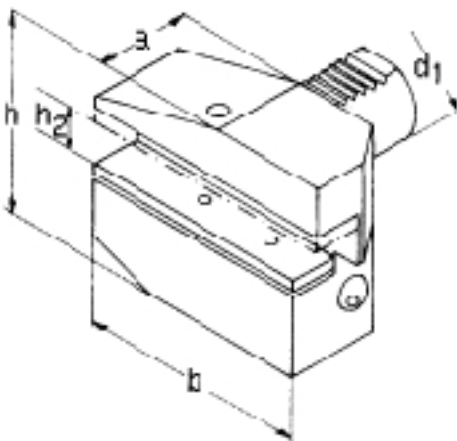
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B7 30x20x40	30	40	73	100	20



VDI

## B7 Radial inverted, right hand , long / VDI 40



### Verwendung

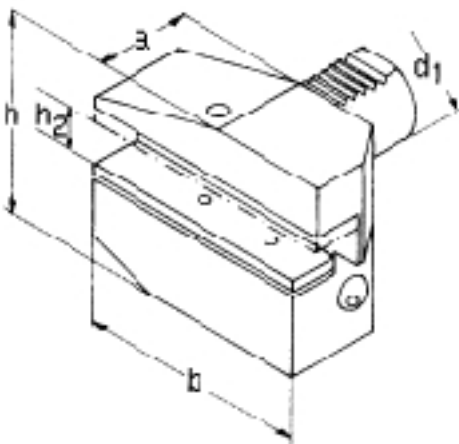
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B7 40x25x44	40	44	91	118	25



VDI

## B7 Radial inverted, right hand , long / VDI 50



### Verwendung

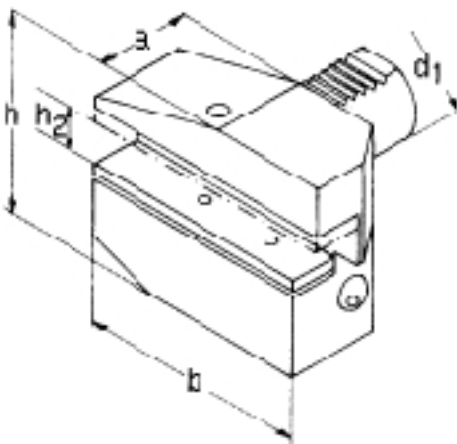
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B7 50x32x55	50	55	110	130	32



VDI

## B8 Radial inverted, left hand , long / VDI 16



### Verwendung

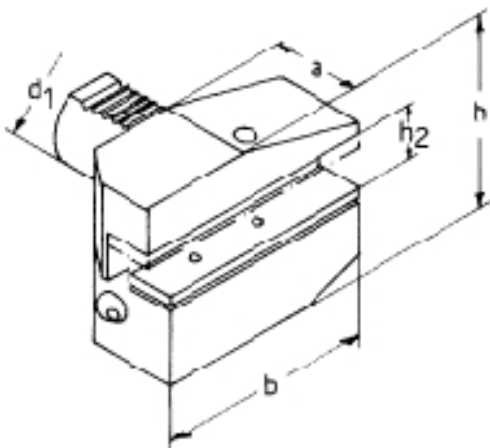
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B8 16x12x24	16	24	42	58	12



VDI

## B8 Radial inverted, left hand , long / VDI 20



### Verwendung

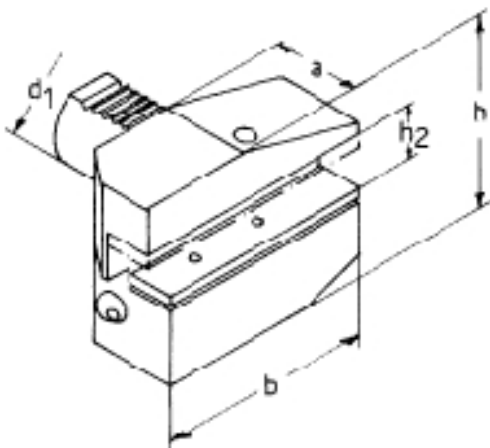
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B8 20x16x30	20	30	55	75	16



VDI

## B8 Radial inverted, left hand , long / VDI 30



### Verwendung

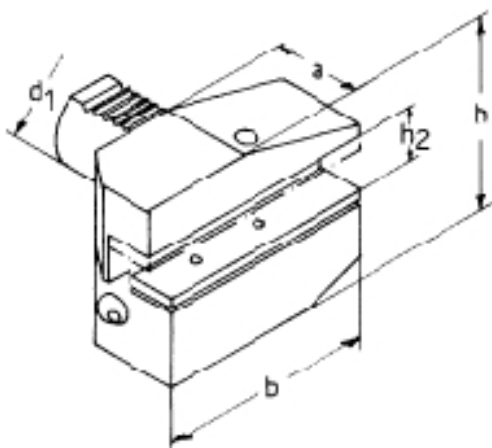
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B8 30x20x40	30	40	73	100	20





VDI

## B8 Radial inverted, left hand , long / VDI 40



### Verwendung

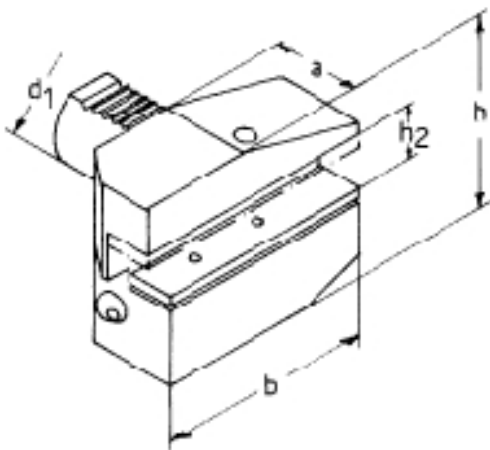
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B8 40x25x44	40	44	91	118	25



VDI

## B8 Radial inverted, left hand , long / VDI 50



### Verwendung

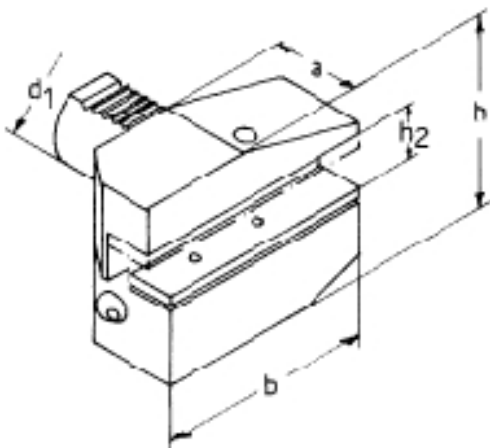
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI B8 50x32x55	50	55	110	130	32



VDI

## C1 Axial , right hand / VDI 16



### Verwendung

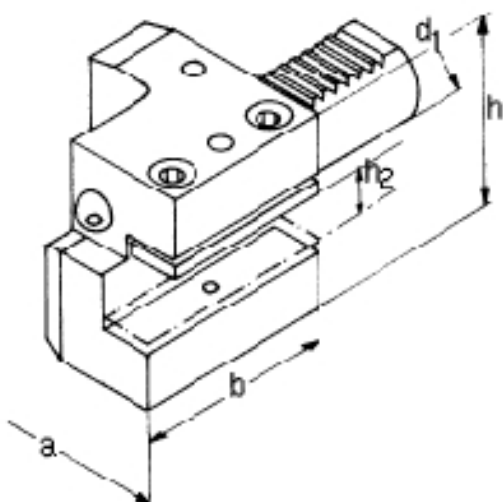
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C1 16x12x44	16	43	42	44	12



VDI

## C1 Axial , right hand / VDI 20



### Verwendung

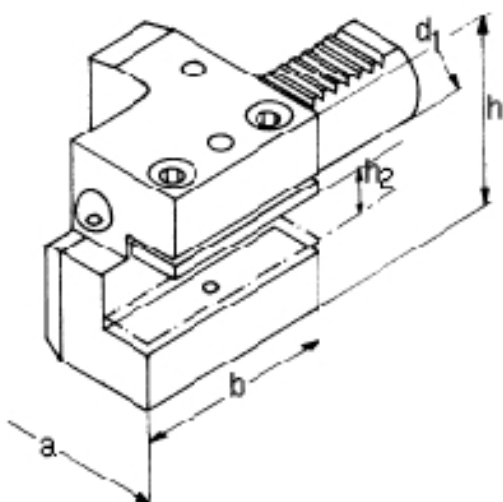
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C1 20x16x50	20	52	55	50	16



VDI

## C1 Axial , right hand / VDI 30



### Verwendung

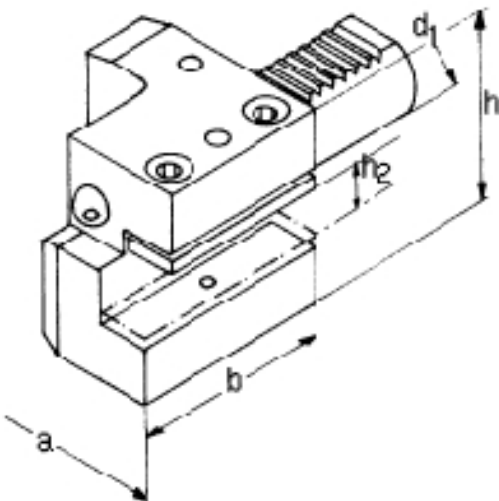
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C1 30x20x70	30	70	66	70	20



VDI

## C1 Axial , right hand / VDI 40



### Verwendung

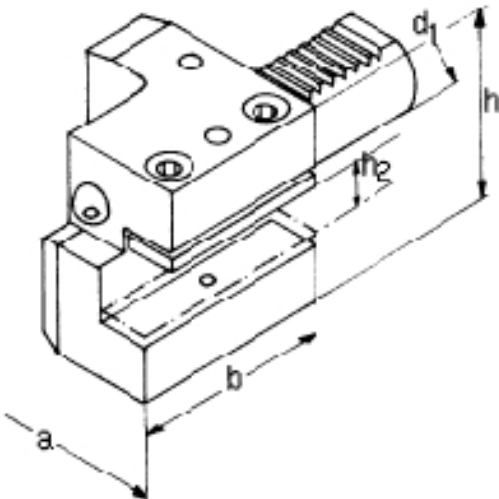
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C1 40x25x85	40	85	91	85	25



VDI

## C1 Axial , right hand / VDI 50



### Verwendung

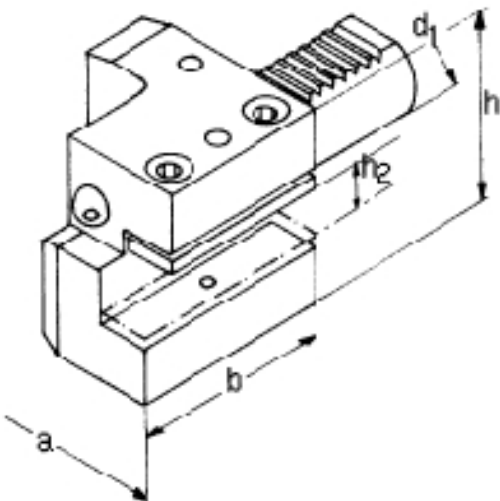
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C1 50x32x10	50	100	95	100	32



VDI

## C2 Radial , left hand / VDI 16



### Verwendung

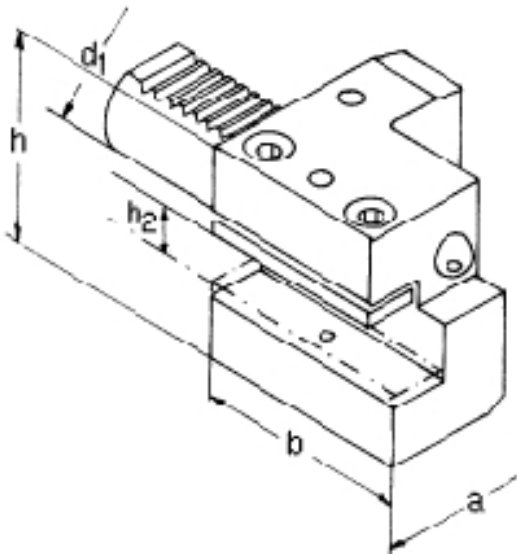
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C2 16x12x44	16	43	42	44	12





VDI

## C2 Radial , left hand / VDI 20



### Verwendung

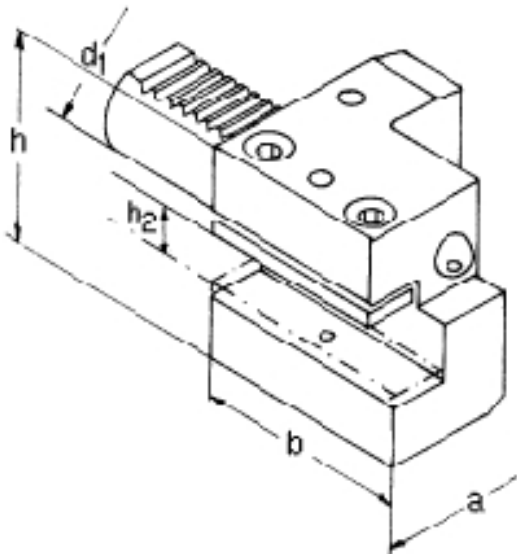
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C2 20x16x50	20	52	55	50	16



VDI

## C2 Radial , left hand / VDI 30



### Verwendung

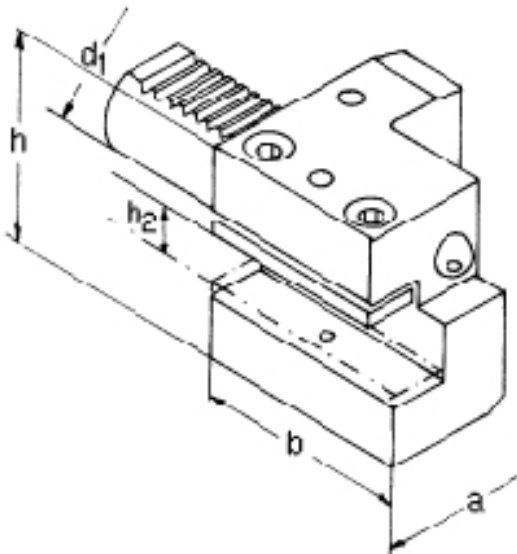
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C2 30x20x70	30	70	66	70	20



VDI

## C2 Radial , left hand / VDI 40



### Verwendung

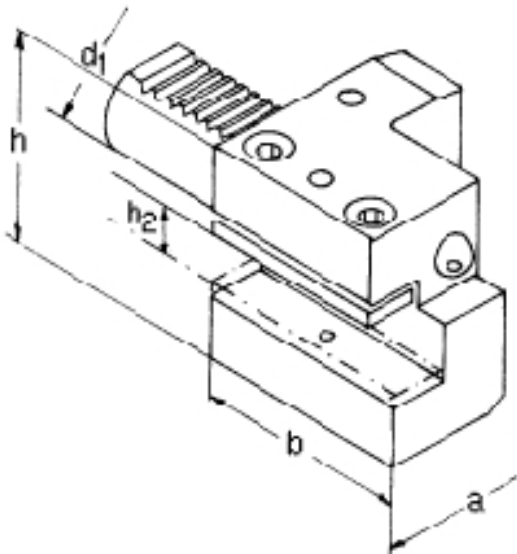
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C2 40x25x85	40	85	91	85	25



VDI

## C2 Radial , left hand / VDI 50



### Verwendung

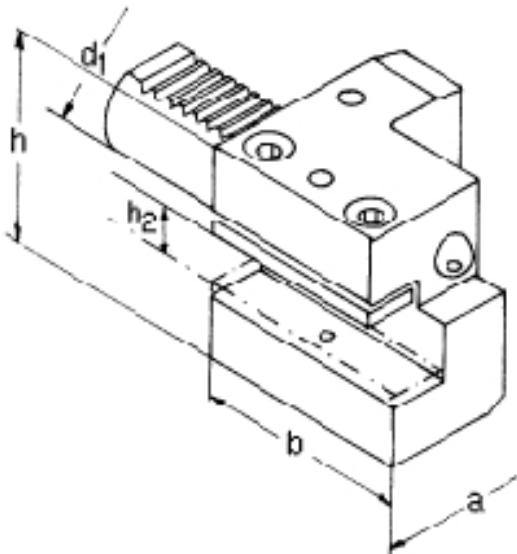
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C2 50x32x10	50	100	95	100	32



VDI

## C3 Axial , inverted , right hand / VDI 16



### Verwendung

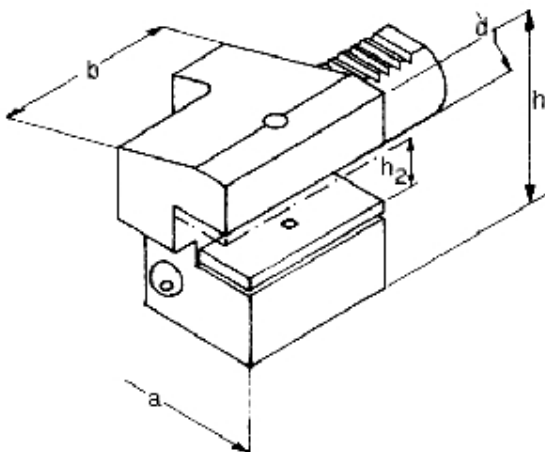
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C3 16x12x44	16	43	42	44	12



VDI

## C3 Axial , inverted , right hand / VDI 20

### Verwendung

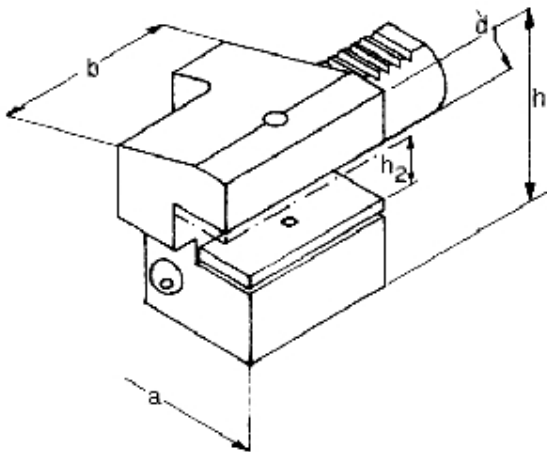
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C3 20x16x50	20	52	55	50	16



VDI

## C3 Axial , inverted , right hand / VDI 30

### Verwendung

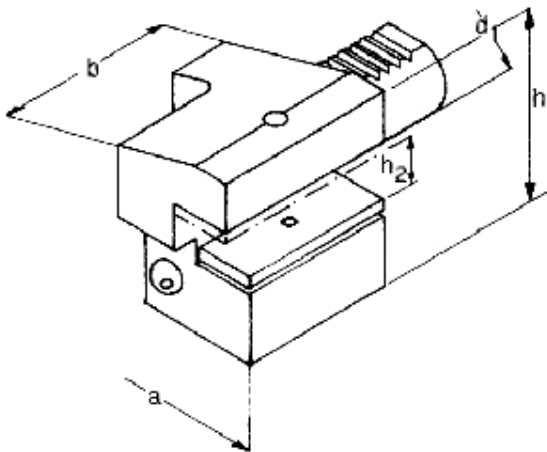
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C3 30x20x70	30	70	73	70	20



VDI

## C3 Axial , inverted , right hand / VDI 40

### Verwendung

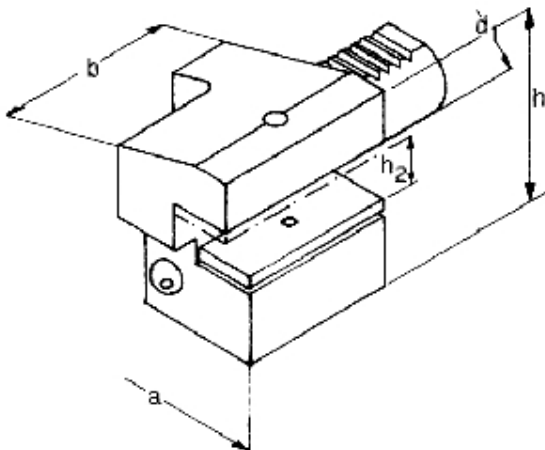
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C3 40x25x85	40	85	91	85	25





VDI

## C3 Axial , inverted , right hand / VDI 50



### Verwendung

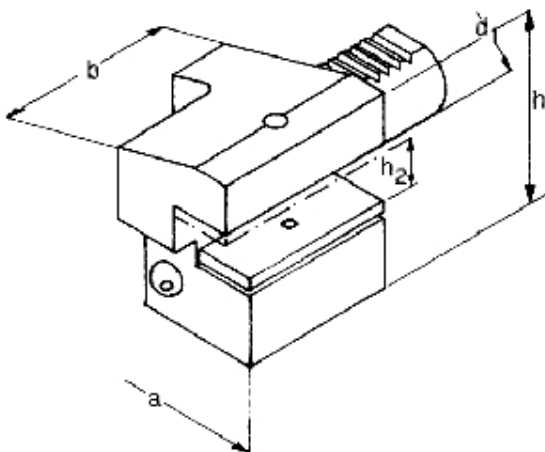
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C3 50x32x10	50	100	110	100	32



VDI

## C4 Axial , inverted , left hand / VDI 16

### Verwendung

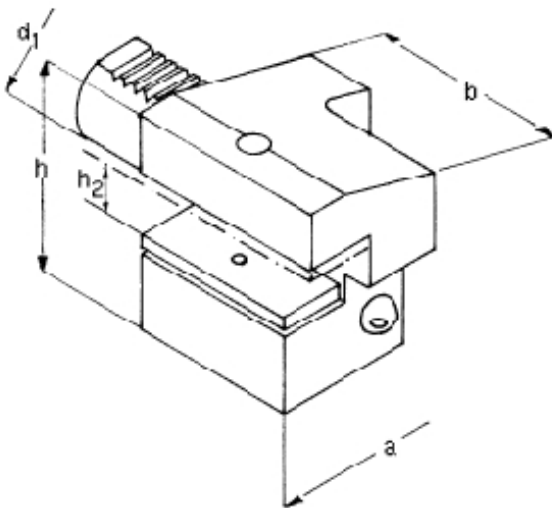
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C4 16x12x44	16	43	42	44	12



VDI

## C4 Axial , inverted , left hand / VDI 20

### Verwendung

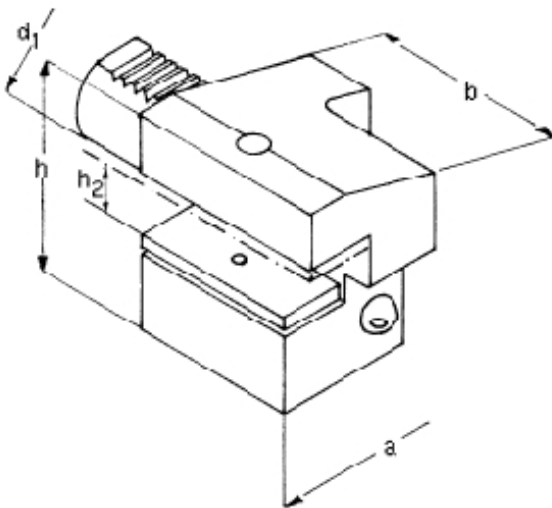
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C4 20x16x50	20	52	55	50	16



VDI

## C4 Axial , inverted , left hand / VDI 30

### Verwendung

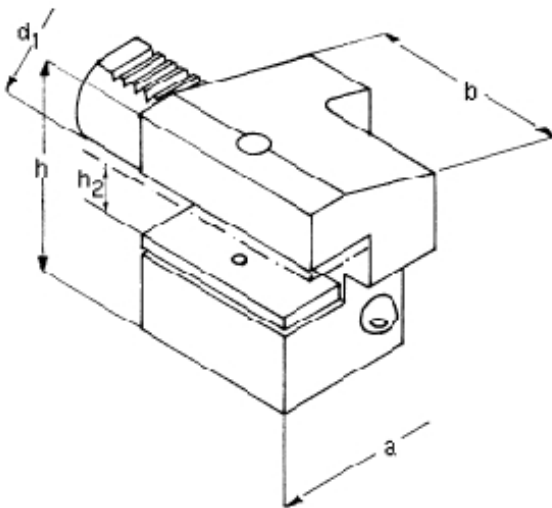
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C4 30x20x70	30	70	73	70	20



VDI

## C4 Axial , inverted , left hand / VDI 40

### Verwendung

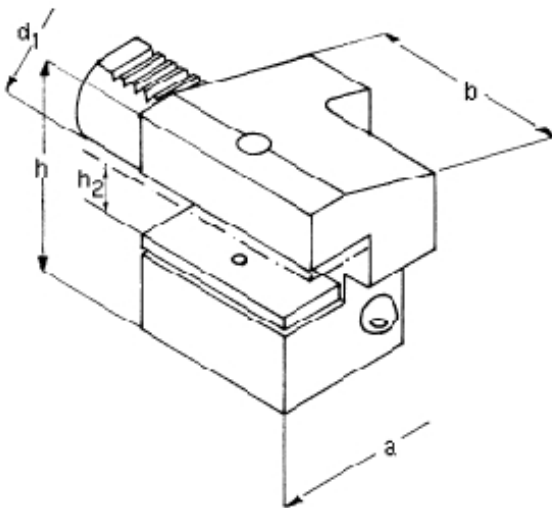
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C4 40x25x85	40	85	91	85	25



VDI

## C4 Axial , inverted , left hand / VDI 50

### Verwendung

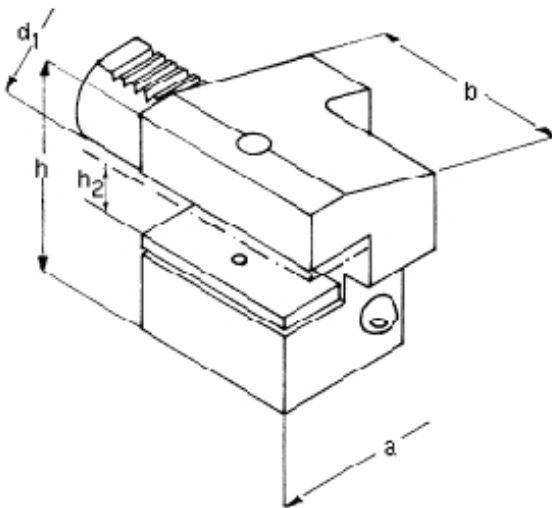
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI C4 50x32x10	50	100	110	100	32



VDI

## D1 Square Tool Holder / VDI 30



### Verwendung

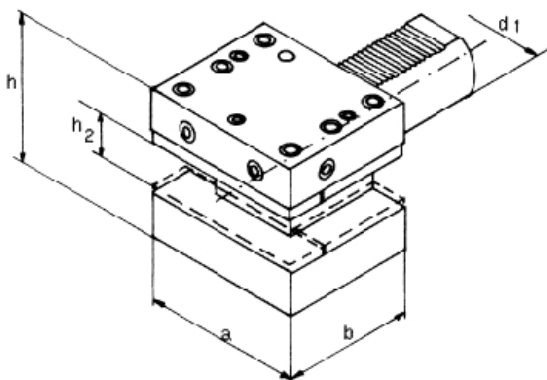
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI D1 30x20x60	30	76	66	60	20



VDI

## D1 Square Tool Holder / VDI 40



### Verwendung

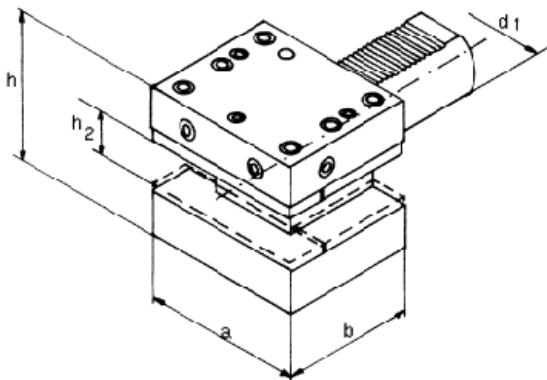
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI D1 40x25x72	40	90	91	72	25





VDI

## D1 Square Tool Holder / VDI 50



### Verwendung

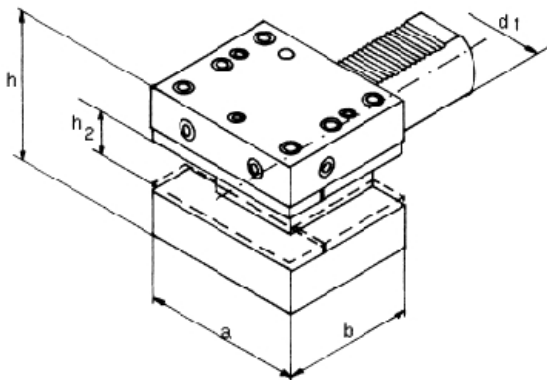
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow

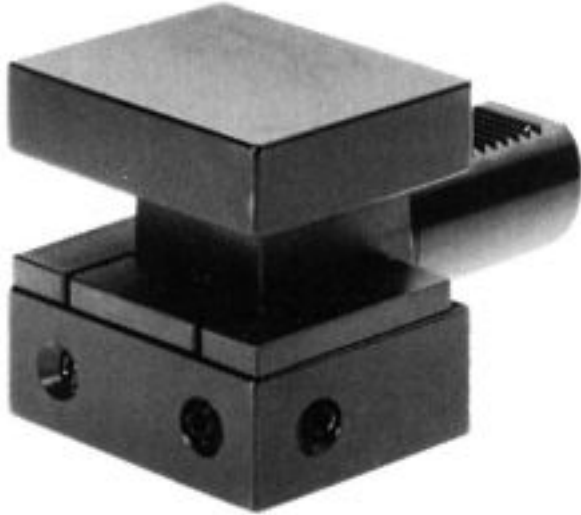


Article-Nr.	d1	klein a	h	b	h2
VDI D1 50x32x85	50	105	95	85	32



VDI

## D2 Square Tool Holder, inverted / VDI 30



### Verwendung

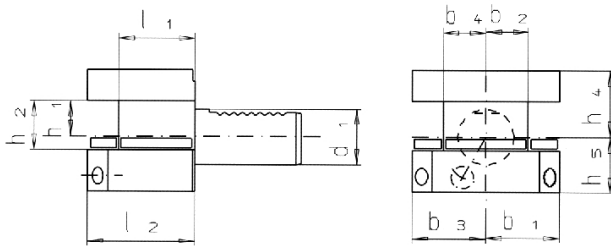
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow

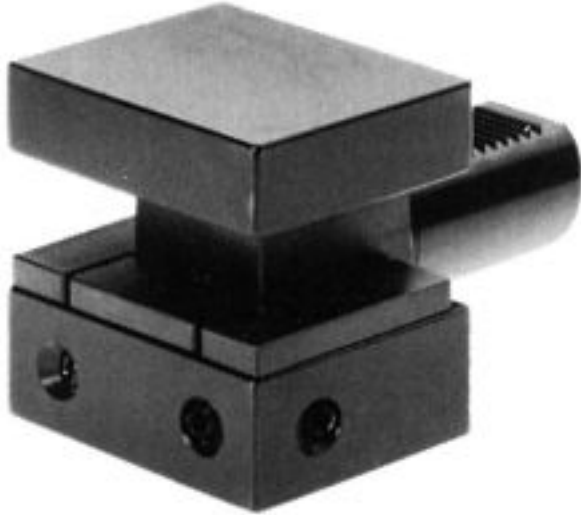


Article-Nr.	d1	klein a	h	b	h2
VDI D2 30x20x60	30	76	73	60	20



VDI

## D2 Square Tool Holder, inverted / VDI 40



### Verwendung

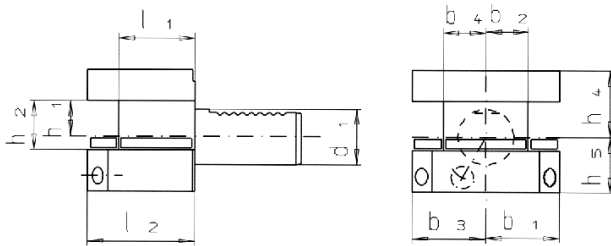
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow

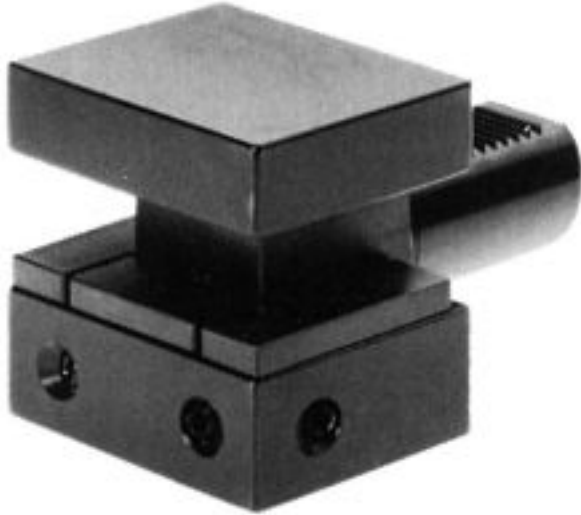


Article-Nr.	d1	klein a	h	b	h2
VDI D2 40x25x72	40	90	91	72	25



VDI

## D2 Square Tool Holder, inverted / VDI 50



### Verwendung

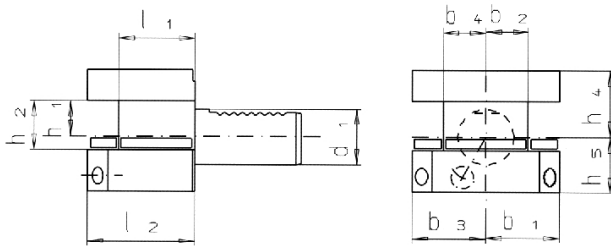
for clamping of turning chisels

### Lieferumfang

with paddings, clamping screws and stop screws

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	klein a	h	b	h2
VDI D2 50x32x85	50	105	110	85	32



VDI

## E1 U-Drill Holder / VDI 20

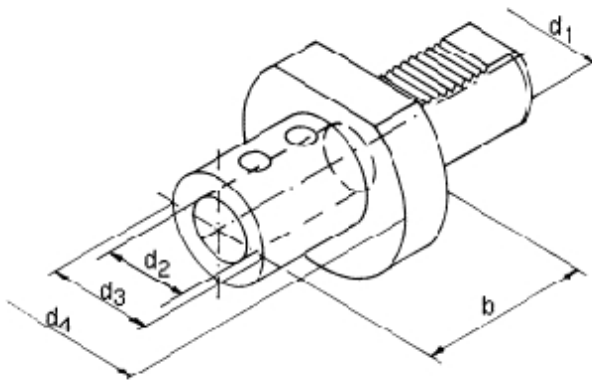


### Verwendung

for clamping of cylindric shafts, boring tools

### Werkstoff

shank and contact surface are hardened and grinded.



Article-Nr.	d1	d2	b	d4
VDI E1 20x20x67	20	20	67	50
VDI E1 20x25x71	20	25	71	50



VDI

## E1 U-Drill Holder / VDI 30

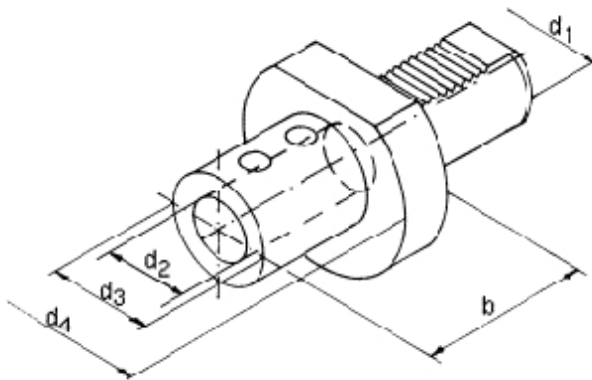


### Verwendung

for clamping of cylindric shafts, boring tools

### Werkstoff

shank and contact surface are hardened and grinded.



Article-Nr.	d1	d2	b	d4
VDI E1 30x16x66	30	16	66	68
VDI E1 30x20x67	30	20	67	68
VDI E1 30x25x71	30	25	71	68
VDI E1 30x32x75	30	32	75	68



VDI

## E1 U-Drill Holder / VDI 40

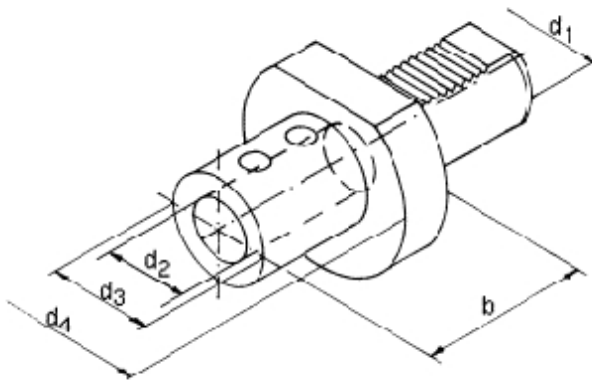


### Verwendung

for clamping of cylindric shafts, boring tools

### Werkstoff

shank and contact surface are hardened and grinded.



Article-Nr.	d1	d2	b	d4
VDI E1 40x16x66	40	16	66	83
VDI E1 40x20x67	40	20	67	83
VDI E1 40x25x75	40	25	75	83
VDI E1 40x32x75	40	32	75	83
VDI E1 40x40x90	40	40	90	83



VDI

## E1 U-Drill Holder / VDI 50

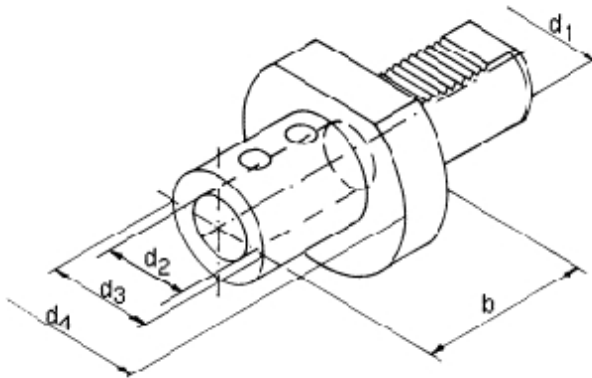


### Verwendung

for clamping of cylindric shafts, boring tools

### Werkstoff

shank and contact surface are hardened and grinded.



Article-Nr.	d1	d2	b	d4
VDI E1 50x20x67	50	20	67	98
VDI E1 50x25x80	50	25	80	98
VDI E1 50x32x80	50	32	80	98
VDI E1 50x40x90	50	40	90	98
VDI E1 50x50x10	50	50	100	98





VDI

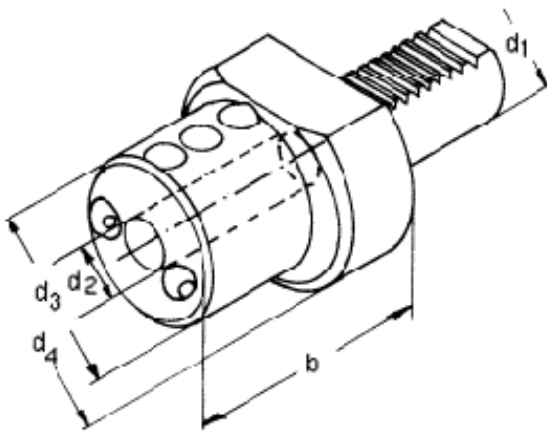
## E2 Boring Bar Holder / VDI 16

### Verwendung

for clamping of cylindric shafts

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	d2	b	B4
VDI E2 16x06x44	16	6	44	40
VDI E2 16x08x44	16	8	44	40
VDI E2 16x10x44	16	10	44	40
VDI E2 16x12x44	16	12	44	40
VDI E2 16x16x44	16	16	44	40



VDI

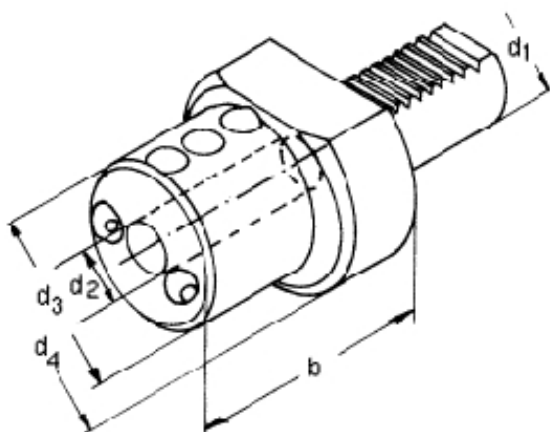
## E2 Boring Bar Holder / VDI 20

### Verwendung

for clamping of cylindric shafts

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	d2	b	B4
VDI E2 20x08x50	20	8	50	50
VDI E2 20x10x50	20	10	50	50
VDI E2 20x12x50	20	12	50	50
VDI E2 20x16x50	20	16	50	50
VDI E2 20x20x50	20	20	50	50
VDI E2 20x25x60	20	25	60	50



VDI

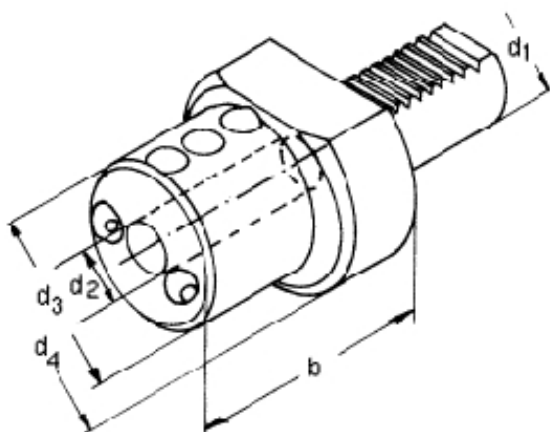
## E2 Boring Bar Holder / VDI 30

### Verwendung

for clamping of cylindric shafts

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	d2	b	B4
VDI E2 30x08x60	30	8	60	68
VDI E2 30x10x60	30	10	60	68
VDI E2 30x12x60	30	12	60	68
VDI E2 30x16x60	30	16	60	68
VDI E2 30x20x60	30	20	60	68
VDI E2 30x25x60	30	25	60	68
VDI E2 30x32x75	30	32	75	75



VDI

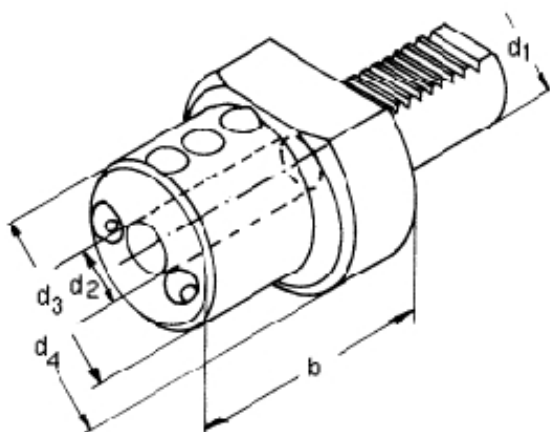
## E2 Boring Bar Holder / VDI 40

### Verwendung

for clamping of cylindric shafts

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	d2	b	B4
VDI E2 40x08x75	40	8	75	83
VDI E2 40x10x75	40	10	75	83
VDI E2 40x12x75	40	12	75	83
VDI E2 40x16x75	40	16	75	83
VDI E2 40x20x75	40	20	75	83
VDI E2 40x25x75	40	25	75	83
VDI E2 40x32x75	40	32	75	83
VDI E2 40x40x90	40	40	90	83



VDI

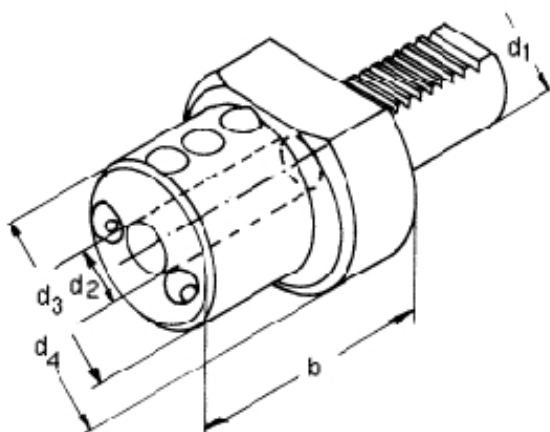
## E2 Boring Bar Holder / VDI 50

### Verwendung

for clamping of cylindric shafts

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	d1	d2	b	B4
VDI E2 50x12x90	50	12	90	98
VDI E2 50x16x90	50	16	90	98
VDI E2 50x20x90	50	20	90	98
VDI E2 50x25x90	50	25	90	98
VDI E2 50x32x90	50	32	90	98
VDI E2 50x40x90	50	40	90	98
VDI E2 50x50x10	50	50	100	100



VDI

## E3 Collet Chuck OZ / VDI 16



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK,

### Verwendung

for clamping of cylindric shafts over collets DIN 6388

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and grinded.

Article-Nr.	d1	Typ OZ	Spannber. OZ	b	d3
VDI E3 16xOZ415	16	415E	2-16	65	40



VDI

## E3 Collet Chuck OZ / VDI 20



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK,

### Verwendung

for clamping of cylindric shafts over collets DIN 6388

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and grinded.

Article-Nr.	d1	Typ OZ	Spannber. OZ	b	d3
VDI E3 20xOZ415	20	415E	2-16	57	50



VDI

## E3 Collet Chuck OZ / VDI 30



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK,

### Verwendung

for clamping of cylindric shafts over collets DIN 6388

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and grinded.

Article-Nr.	d1	Typ OZ	Spannber. OZ	b	d3
VDI E3 30xOZ462	30	462E	2-25	75	68





VDI

## E3 Collet Chuck OZ / VDI 40



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK,

### Verwendung

for clamping of cylindric shafts over collets DIN 6388

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and grinded.

Article-Nr.	d1	Typ OZ	Spannber. OZ	b	d3
VDI E3 40xOZ462	40	462E	2-25	75	83
VDI E3 40xOZ467	40	467E	4-32	90	83



VDI

## E3 Collet Chuck OZ / VDI 50



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK,

### Verwendung

for clamping of cylindric shafts over collets DIN 6388

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and grinded.

Article-Nr.	d1	Typ OZ	Spannber. OZ	b	d3
VDI E3 50xOZ462	50	462E	2-25	75	98
VDI E3 50xOZ467	50	467E	4-32	90	98



VDI

## E4 Collet Chuck ER / VDI 16



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU,

### Verwendung

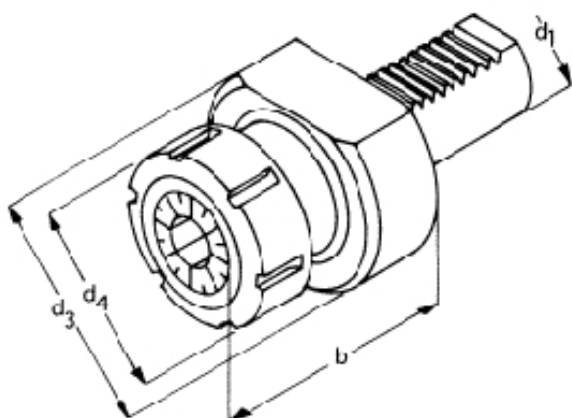
for clamping of cylindric shafts over collets DIN  
6499

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and  
grinded.



Article-Nr.	d1	Typ ER	Spannber. ER	b	d3
VDI E4 16xER16	16	16	1-10	40	40
VDI E4 16xER20	16	20	1-13	44	40



VDI

## E4 Collet Chuck ER / VDI 20



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU,

### Verwendung

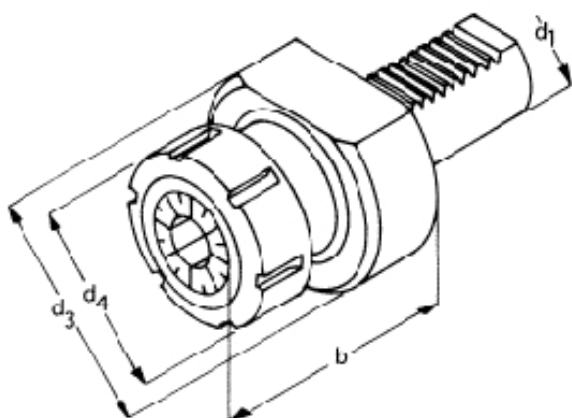
for clamping of cylindric shafts over collets DIN  
6499

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and  
grinded.



Article-Nr.	d1	Typ ER	Spannber. ER	b	d3
VDI E4 20xER16	20	16	1-10	40	50
VDI E4 20xER25	20	25	1-16	54	50



VDI

## E4 Collet Chuck ER / VDI 30



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU,

### Verwendung

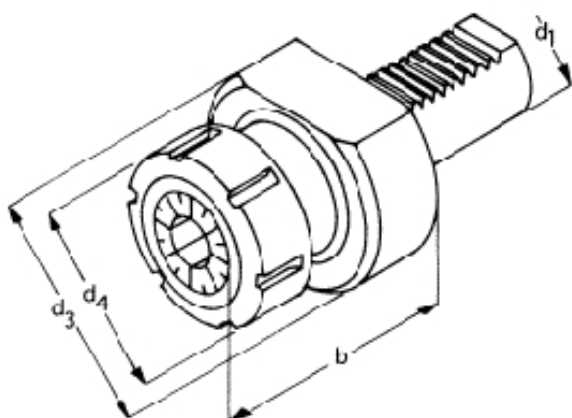
for clamping of cylindric shafts over collets DIN  
6499

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and  
grinded.



Article-Nr.	d1	Typ ER	Spannber. ER	b	d3
VDI E4 30xER25	30	25	1-16	74	68
VDI E4 30xER32	30	32	2-20	74	68
VDI E4 30xER40	30	40	1-10	74	68



VDI

## E4 Collet Chuck ER / VDI 40



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU,

### Verwendung

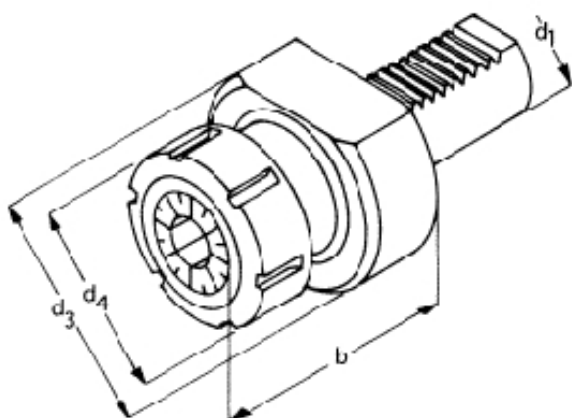
for clamping of cylindric shafts over collets DIN  
6499

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and  
grinded.



Article-Nr.	d1	Typ ER	Spannber. ER	b	d3
VDI E4 40xER25	40	25	3-26	70	83
VDI E4 40xER32	40	32	2-20	84	83
VDI E4 40xER40	40	40	3-26	75	83



VDI

## E4 Collet Chuck ER / VDI 50



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU,

### Verwendung

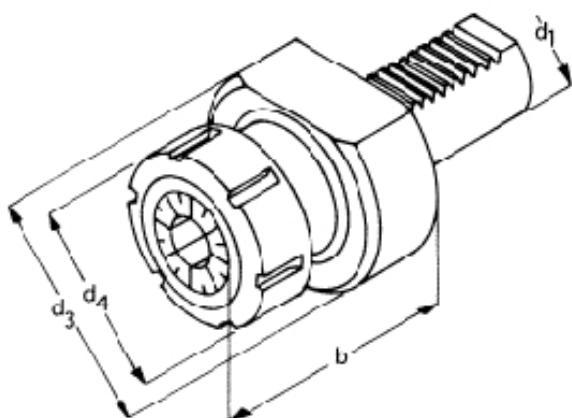
for clamping of cylindric shafts over collets DIN  
6499

### Lieferumfang

with clamping nut

### Werkstoff

shank and contact surface are hardened and  
grinded.



Article-Nr.	d1	Typ ER	Spannber. ER	b	d3
VDI E4 50xER32	50	32	2-20	84	98
VDI E4 50xER40	50	40	3-26	90	98



VDI

## F Mores Taper Holder / VDI 20

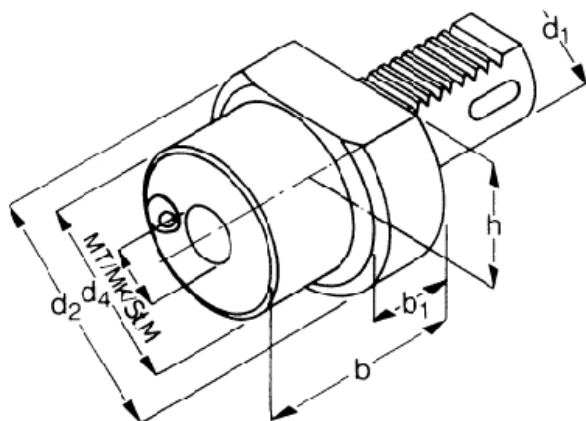


### Verwendung

for clamping of toolings with morsetaper and flat tang

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	MK	d1	d2	h	b
VDI F 20x 1x22	1	20	50	23	22
VDI F 20x 2x90	2	20	50	23	90





VDI

## F Mores Taper Holder / VDI 30

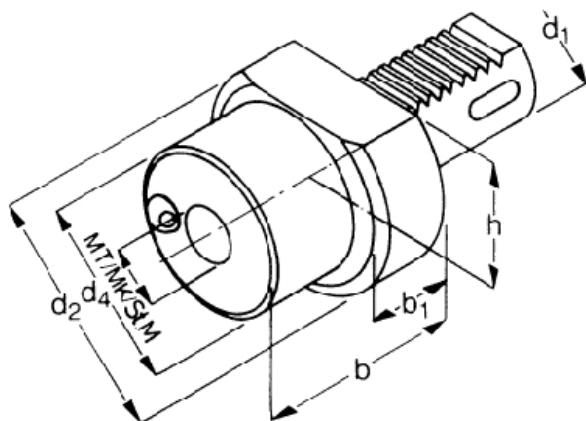


### Verwendung

for clamping of toolings with morsetaper and flat tang

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	MK	d1	d2	h	b
VDI F 30x 1x27	1	30	68	28	27
VDI F 30x 2x36	2	30	68	28	36
VDI F 30x 3x66	3	30	68	28	66



VDI

## F Mores Taper Holder / VDI 40

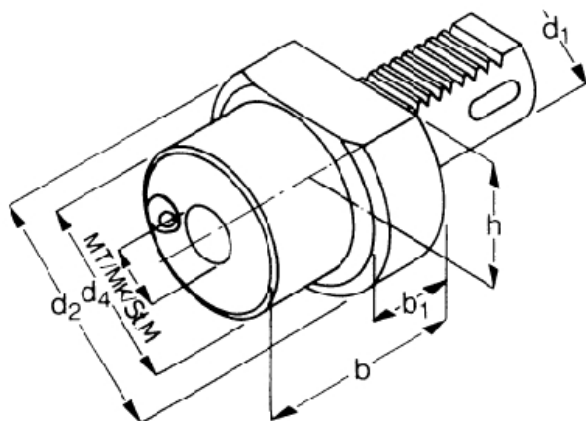


### Verwendung

for clamping of toolings with morsetaper and flat tang

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



Article-Nr.	MK	d1	d2	h	b
VDI F 40x 1x36	1	40	83	32.5	36
VDI F 40x 2x36	2	40	83	32.5	36
VDI F 40x 3x50	3	40	83	32.5	50
VDI F 40x 4x80	4	40	83	32.5	80



VDI

## F Mores Taper Holder / VDI 50

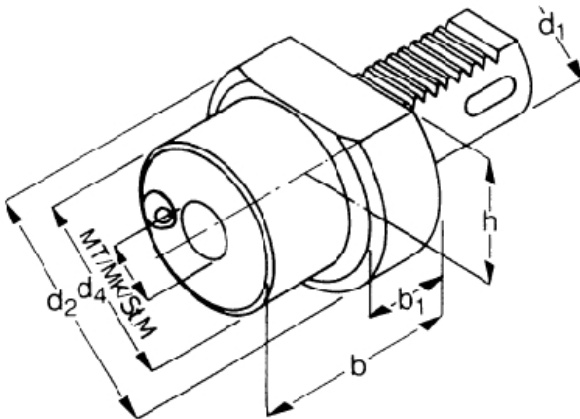


### Verwendung

for clamping of toolings with morsetaper and flat tang

### Werkstoff

shank and contact surface are hardened and grinded. With a ball vent for internal coolant flow



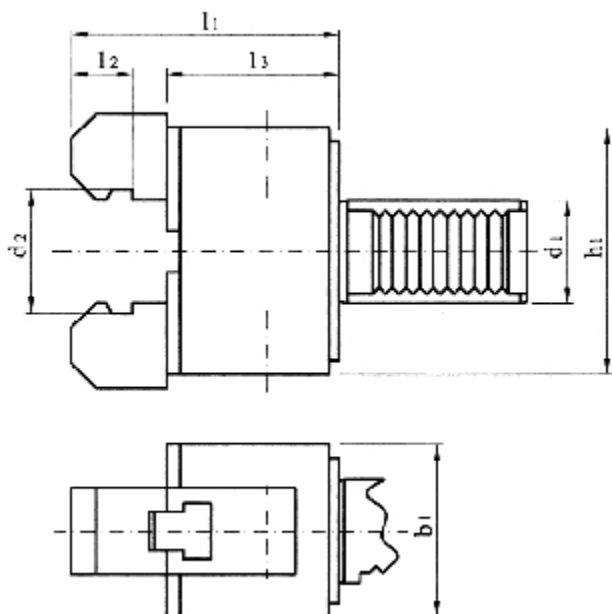
Article-Nr.	MK	d1	d2	h	b
VDI F 50x 2x36	2	50	98	35	36
VDI F 50x 3x45	3	50	98	35	45
VDI F 50x 4x55	4	50	98	35	55
VDI F 50x 5x68	5	50	98	35	68



VDI

## Bar Puller / VDI 20

**Verwendung**  
puller for bar material



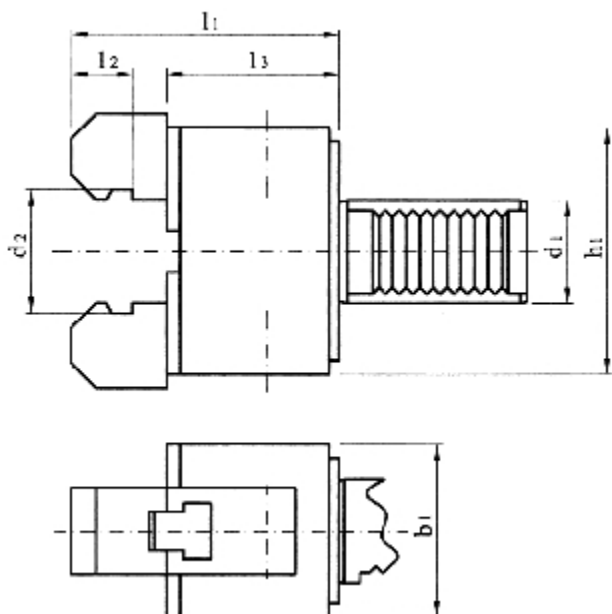
Article-Nr.	l1	l2	l3	h	b
VDI Stang 20x46	46	4	51	72	50



VDI

## Bar Puller / VDI 30

**Verwendung**  
puller for bar material



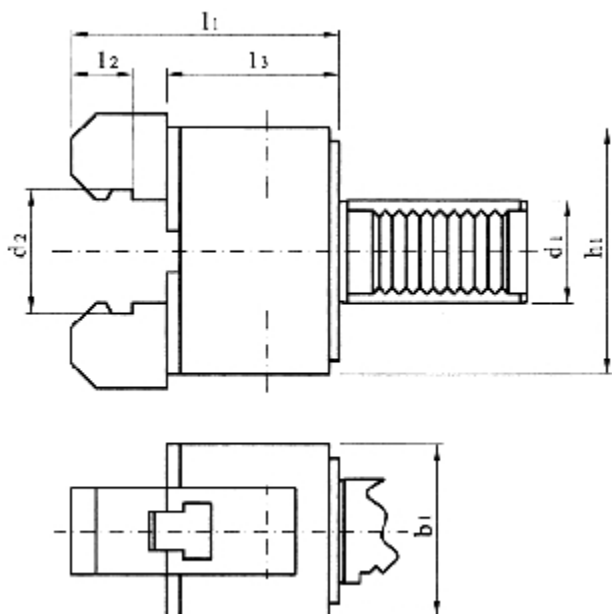
Article-Nr.	l1	l2	l3	h	b
VDI Stang 30x46	46	4	51	72	50



VDI

## Bar Puller / VDI 40

**Verwendung**  
puller for bar material



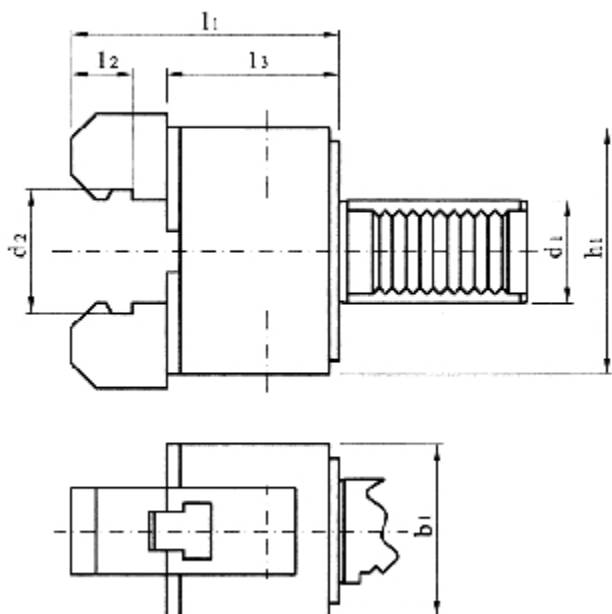
Article-Nr.	l1	l2	l3	h	b
VDI Stang 40x48	48	4	53	110	60



VDI

## Bar Puller / VDI 50

**Verwendung**  
puller for bar material



Article-Nr.	l1	l2	l3	h	b
VDI Stang 50x67	67	5	73	130	65



VDI

## Z2 Protective Plug / VDI 16

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>



Article-Nr.	L	d.	D
VDI Z2 16x40x13	13	16	40





VDI

## Z2 Protective Plug / VDI 20

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>



Article-Nr.	L	d.	D
VDI Z2 20x50x16	16	20	50



VDI

## Z2 Protective Plug / VDI 30

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>



Article-Nr.	L	d.	D
VDI Z2 30x68x16	16	30	68



VDI

## Z2 Protective Plug / VDI 40

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>



Article-Nr.	L	d.	D
VDI Z2 40x83x20	20	40	83



VDI

## Z2 Protective Plug / VDI 50

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>



Article-Nr.	L	d.	D
VDI Z2 50x98x20	20	50	98



