Spring-return system

Freedom in text design
and reading direction

Tool set 432

Product features

- Modular shank design: shank size 8 x 8 mm and 16 x 16 mm, adaptable
- Top edge of shank = centre height
- Set screws in shank for correcting alignment
- Hardened pin
- Right spring (pre-mounted) for spindle direction M3 (CW), see page 27

Set consisting of

Tool 432-08R
- 1 x base shank (solid shank version) tool 432-08R
- 1 x shank adapter 10 x 10 mm
- 1 x shank adapter 12 x 12 mm
- 1 x shank adapter 16 x 16 mm
- 1 x start and end segment
- In high-quality case

Tool 432-16R
- 1 x base shank (solid shank version) tool 432-16R
- 1 x shank adapter 20 x 20 mm
- 1 x shank adapter 25 x 25 mm
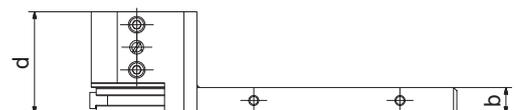- 1 x start and end segment
- In high-quality case

TOOL SET

| Order no.	Tool holder designation	Dimension [mm]						
		a	b	c	d	e	f	x
31002833	432-08R300818	8	8	113.5	31.5	33.5	30	1
	With shank adapter 10 x 10 mm	10	10	113.5	31.5	33.5	30	1
	With shank adapter 12 x 12 mm	12	12	113.5	31.5	33.5	30	1
	With shank adapter 16 x 16 mm	16	16	113.5	31.5	33.5	31	1
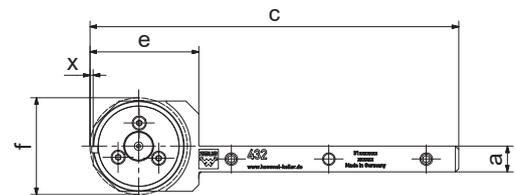
E-KIT

Order no.	Direction
21BHR1081	right

Set and E-kit also available in l/h version on request

TOOL SET

Order no.	Tool holder designation	Dimension [mm]						
		a	b	c	d	e	f	x
31002849	432-16R500838	16	16	138.5	31.5	58.5	50	1
	With shank adapter 20 x 20 mm	20	20	138.5	31.5	58.5	50	1
	With shank adapter 25 x 25 mm	25	25	138.5	31.5	58.5	50	1
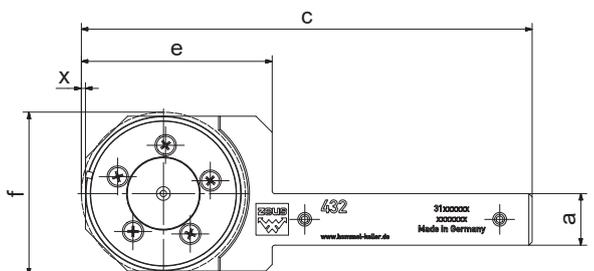
E-KIT

Order no.	Direction
21BHR1111	right
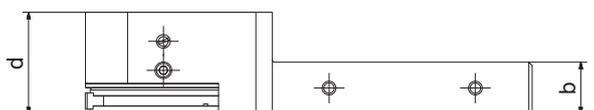
Set and E-kit also available in l/h version on request

Marking segment n° 43

Benefits

- Especially versatile, since it is independent of the workpiece diameter
- Exchangeable segments enable fast, flexible, and economical adaptation of the text for different applications
- Marking is possible at high speed
- Reading direction can be changed by turning the T-shaped segments
- Possible to mark workpieces up to a shoulder
- Exchangeable segment mount unit for faster switching to a different text

Features

- The design of marking segment n° 43 is independent of the workpiece diameter
- Three driving points guarantee a perfect impression. They may be placed to the side of the characters
- Marking without driving points is generally possible
- Segments can be exchanged individually
- Full depth and definition are accomplished in one go
- All characters can be used as a drive, e.g. logos, backslash, asterisks, number signs, etc.

Application

- Precise positioning of characters on workpiece circumference
- Centre height corresponds to first marking point
- Marking positions can be set as desired

Standard design		For marking tools
Flank angle	90°	
Dimensions (Ø x width x bore) [mm]	30 x 8 x 18 50 x 8 x 38	432
Typeface	According to DIN 1451	
Max. character height	See "Technology" starting on page 20	

SEGMENTS Ø 30

Order no. character height 2 mm	Order no. character height 3 mm	Segments designation
85000000		Start segment
85001018	85001139	Letter set A – Z
85000991	85000621	Numeral set 0 – 9
85001019	85002485	Special character . (dot)
85001059	85001537	Special character / (slash)
85001654	85001257	Special character – (minus)
85000003		End segment

SEGMENTS Ø 50

Order no. character height 2 mm	Order no. character height 3 mm	Segments designation
85000113		Start segment
85001819	85001283	Letter set A – Z
85001431	85000476	Numeral set 0 – 9
85002486	85002487	Special character . (dot)
85001857	85001131	Special character / (slash)
85001912	85001600	Special character – (minus)
85000114		End segment