

# BROACHING UNITS FOR TURNING CENTERS

## BENZ LINA - RADIAL, ANGLED

### ▶ PRODUCT IN OVERVIEW



- ▶ max. groove width 8-10 mm
- ▶ Ratio 1:1
- ▶ max. feed per stroke 0.15 mm
- ▶ max. speed 1,200 rpm

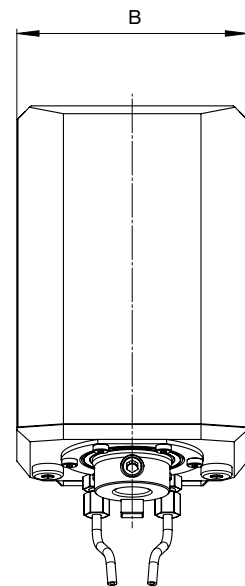
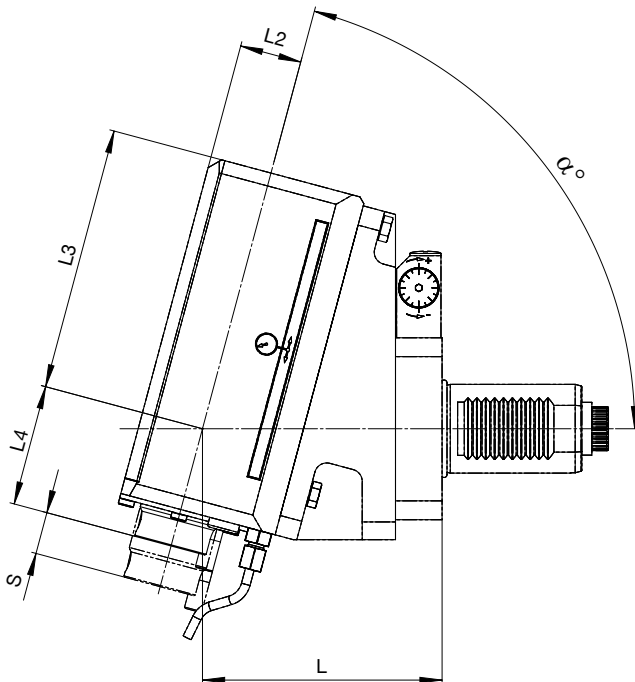
### ▶ TYPE

- FS**  
**FIX**
- FSS**  
**FIX**
- FSL**  
**FIX**

### ▶ TURRET INTERFACE



- VDI
- BMT
- CDI
- More on request



FS-FIX	
Usable working stroke	= 32 mm
Total stroke	= 35 mm
Material strength <sub>max</sub>	= 900 N/mm <sup>2</sup>
No. of strokes/speed <sub>max</sub>	= 1,000 rpm

► Technical data

$\alpha^1$ [°]	L2 [mm]	L3 <sup>2</sup> [mm]	L4 <sup>2</sup> [mm]	B [mm]	S [mm]	L [mm]	Weight [kg]*
30-90	28	approx. 134	approx. 40	104	32/35	85-200	approx. 12

FSS-FIX	
Usable working stroke	= 17 mm
Total stroke	= 19 mm
Material strength <sub>max</sub>	= 1,100 N/mm <sup>2</sup>
No. of strokes/speed <sub>max</sub>	= 1,200 rpm

► Technical data

$\alpha^1$ [°]	L2 [mm]	L3 <sup>2</sup> [mm]	L4 <sup>2</sup> [mm]	B [mm]	S [mm]	L [mm]	Weight [kg]*
30-90	28	approx. 134	approx. 40	104	17/19	85-200	approx. 12

FSL-FIX	
Usable working stroke	= 51 mm
Total stroke	= 53 mm
Material strength <sub>max</sub>	= 900 N/mm <sup>2</sup>
No. of strokes/speed <sub>max</sub>	= 750 rpm

► Technical data

$\alpha^1$ [°]	L2 [mm]	L3 <sup>2</sup> [mm]	L4 <sup>2</sup> [mm]	B [mm]	S [mm]	L [mm]	Weight [kg]*
45-90	32	approx. 155	approx. 65	129	51/53	90-200	approx. 17



\*Varies based on base holder

1 maximum angle  $\alpha$  depending on the machine geometry

2 Depending on angle  $\alpha$