

BROACHING UNIT FOR LATHES

BENZ LINA 4.0 - AXIAL / HORIZONTAL

TECHNICAL DATA



TYPE

ES

ESL

i= 2:1

i= 2:1

L1

ES

ESL

variable

variable

TOOL HOLDER



Prism tool holder
Ø 30 mm

TURRET INTERFACE



VDI



BMT



CDI



More on
request



Broaching
machining



Actuating
angle



Internal +
external
cooling



Disc turret

i.com



For questions regarding BENZ i.com
please contact our BENZ Sales Team.

i Type of the tools:
Ratio i=2:1 for tools on lathes with disc turret

Performance data

ES	i	EC / IC	IC p _{max} [bar]	n _{1 max} / *n _{2 max} [min ⁻¹]	M _{1 max} / F _{c max} [Nm]	f [mm]	**Groove width _{max} [mm]
Usable working stroke = 32 mm Total Stroke = 34 mm	2:1	✓/ ✓	50	3000 / 1500	15 / 1700	0,02 - 0,10	12

*double stroke per minute
**depending on the material to be machined

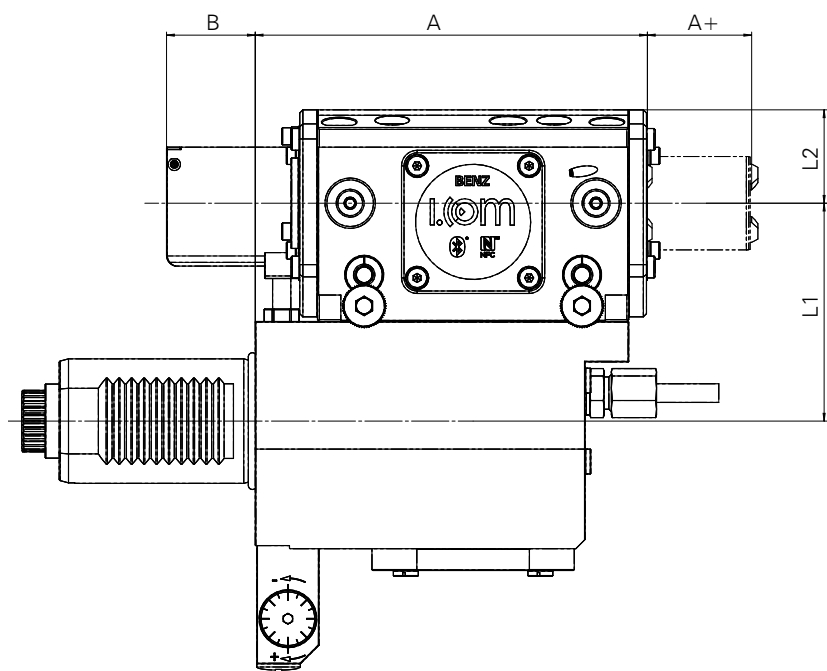
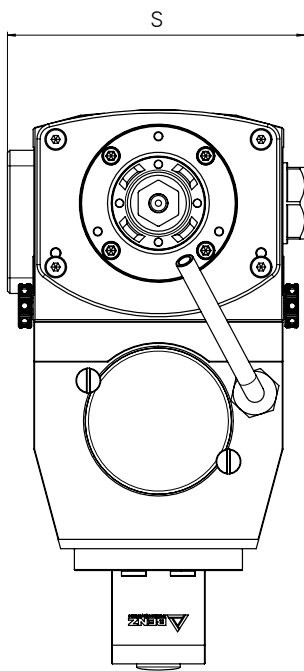
Performance data

ESL	i	EC / IC	IC p _{max} [bar]	n _{1 max} / *n _{2 max} [min ⁻¹]	M _{1 max} / F _{c max} [Nm]	f [mm]	**Groove width _{max} [mm]
Usable working stroke = 51 mm Total Stroke = 53 mm	2:1	✓/ ✓	50	2000 / 1000	23 / 1700	0,02 - 0,10	12

*double stroke per minute
**depending on the material to be machined

For more information about the product or to order please contact our BENZ Sales Team

please click here ▶



Technical Data

Type	Size Plunger	**A+ [mm]	A [mm]	B [mm]	L1 [mm]	L2 [mm]	S [mm]	Weight [kg]*
ES	30	32 / 34	126,5	28,5	■	30	95,5	8-9
ESL	30	51 / 53	156,5	47,5	■	30	115,5	11-12

■ Dimension depends on machine geometry

*varies based on base holder

**usable working stroke / total stroke

PRODUCT INFORMATION

www.benztooling.com/en