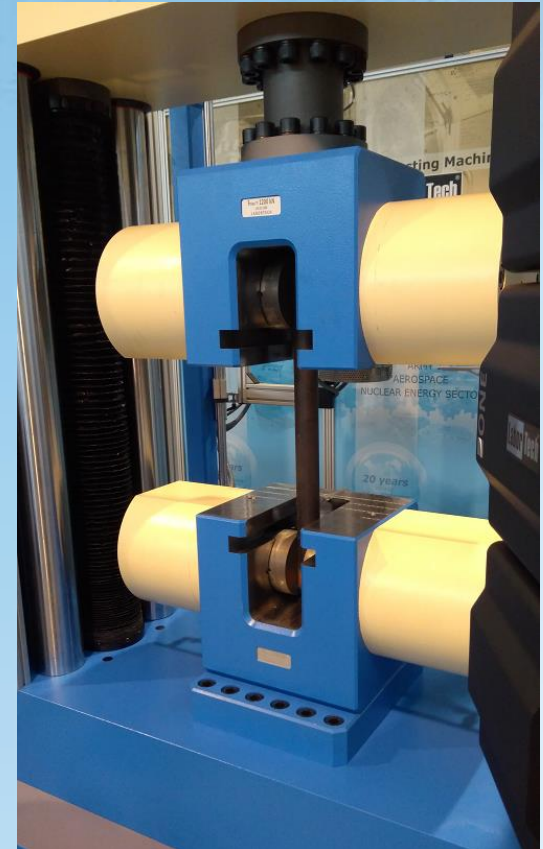


... from development to  
implementation



Production of materials testing equipment and automation

## Hydraulics grips with side- pressure

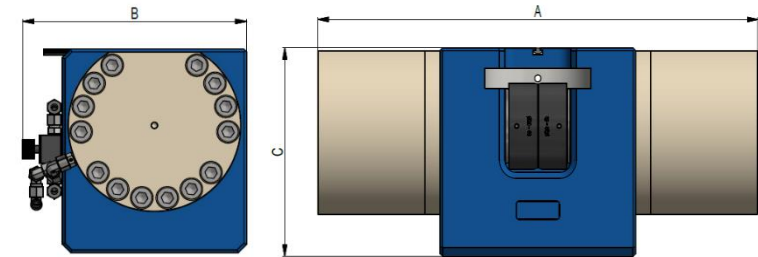


Made in Czech Republic

# Hydraulic grips with side-pressure

## Features and main advantages

- Side-pressure hydraulic grips developed and manufactured by LABORTECH have round and flat inserts capable of mechanically-hydraulic drive into the grips body, increasing the range of the test specimen's thickness in one type of inserts used.
- Maximum tensile and compressive static load 2000 kN.
- Locking – securing the piston rod to the jaw body against rotation.
- Possible attaching compression platens and fixtures on grips.
- Centring of the specimen runs through the stop scale.
- Min. 60% clamping in grips + grips and inserts length.
- Grips closing synchronization system.
- Flange preparation as a variable connection option.
- Integrated T-groove with the possibility of connecting other fixtures without disassembly.



1. L13.010 – Hydraulic grips with side-pressure											
Technical data							Order details and Type designation	Grip inserts			
Load	Clamping pressure	Clamping range	Dimensions			Weight of piece		FLAT		ROUND	
Fmax	max.	a	A	B	C			Type / opening			
kN	bar	mm	mm	mm	mm	kg		mm			
<b>50</b>	500	0-60					1.L13.01.050	0-60			
<b>100</b>	500	0-60	448	225	290	70	1.L13.01.0100	0-60			
<b>250</b>	500	0-60	476	186	250	85	1.L13.01.0250	0-60	5-20	20-35	35-60
<b>400</b>	500	0-80	594	260	300	178	1.L13.01.0400	0-80	5-25	20-60	N/A
<b>600</b>	500	0-100	670	300	340		1.L13.01.0600	0-100	5-25	20-60	55-80
<b>1000</b>	500	0-120	832	360	403	385	1.L13.01.1000	0-120	5-25	20-60	55-100
<b>1200</b>	500	0-120	832	360	403	385	1.L13.01.1200	0-120	5-25	20-60	55-100

1600kN a 2000kN technical specification on demand!

Hydraulic grips with side-pressure

... from development to realization

... from development to realization

**Labor Tech**

Production of materials testing equipment and automation

## LABORTECH in the world



### Contact:

#### **LABORTECH s.r.o.**

Rolnická 130a, 747 05 Opava, Czech Republic

Phone: +420 553 731 956, +420 553 668 648

E-mail: [info@labortech.cz](mailto:info@labortech.cz)

Web: [www.labortech.cz](http://www.labortech.cz)

GPS: 49°57'05.1"N

17°54'04.4"E

#### **LABORTECH TRADING s.r.o.**

Area VVÚD Praha, Na Florenci 1686/9, 111 71 PRAHA 1, Czech Republic

Phone: +420 731 656 723, +420 724 020 052

E-mail: [trading@labortech.cz](mailto:trading@labortech.cz)

Web: [www.labortech.eu](http://www.labortech.eu)

**Labor Tech**®

Production of materials testing  
equipment and automation

LABORTECH in the  
world

... from development to  
realization