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Pitbull® Clamps

EH 23290.



Product Description

Pitbull® Clamps are robust clamps of high quality and deliver extremely high clamping forces when used for workholding. During this type of application, they also produce a strong pull-down effect.
The knife edge version (picture 1) is especially suited for blanks.
The blunt edged version (picture 2) allows you to cover nearly all types of application. The version made of brass provides for clamping that is gentle, yet secure.
The Pitbull® Clamp with machinable edge (picture 3) has been designed with a machining add-on that allows for a contour to be milled into the workpiece. This version from hardened steel combines good machinability with excellent wear resistance.
The Pitbull® Clamps are distinguished by the following characteristics:

- space-saving design
- extra low construction height
- high clamping / tensioning force with pull-down effect
- ideal for multi-side machining and multiple clamping systems

Material

Clamp
- Steel, hardened
- Brass
- Steel, tempered

Screw
- Heat-treated steel, tempered

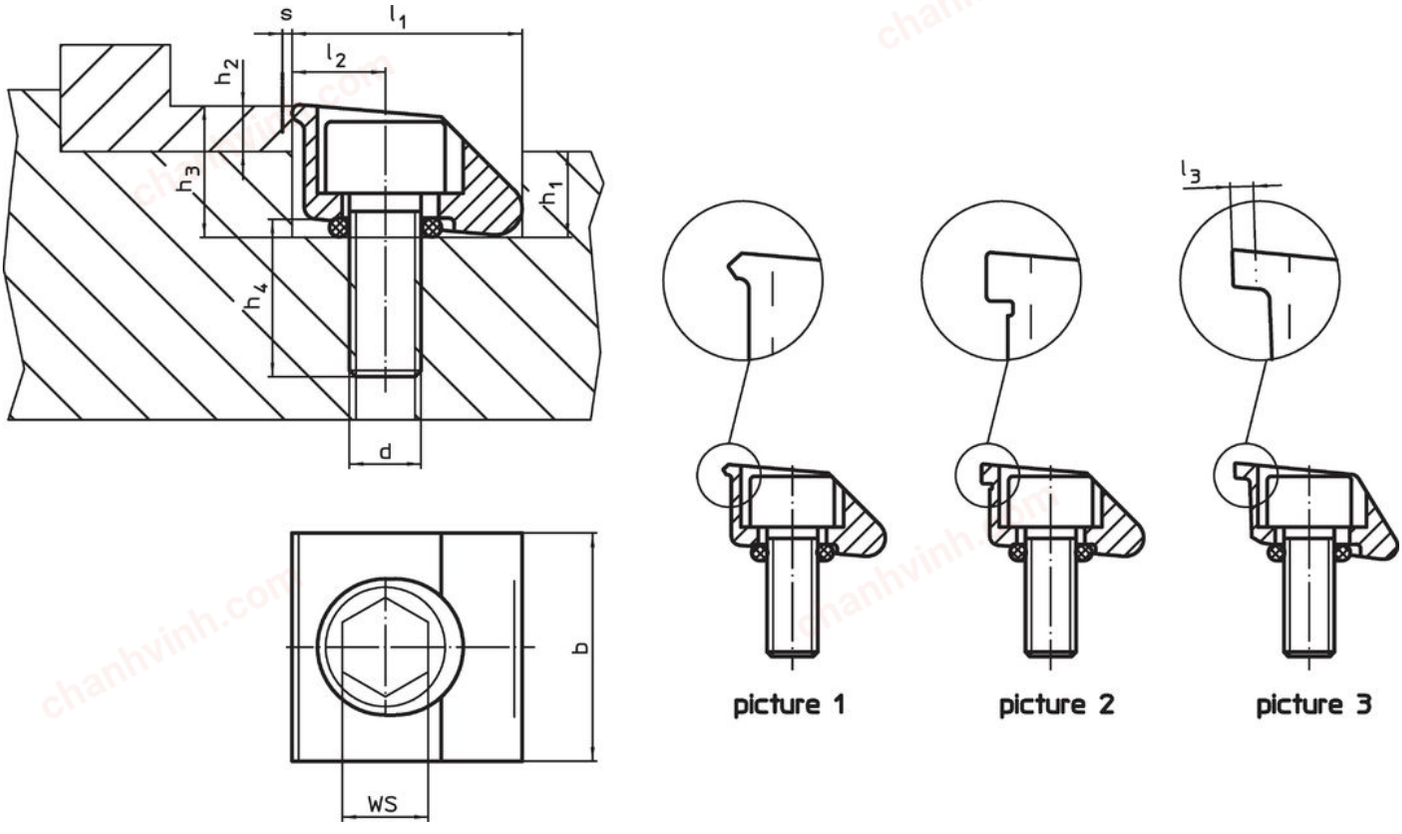
O-ring
- NBR

More information

Notes

The o-ring is used to lift the clamp off when it is released.

Drawing

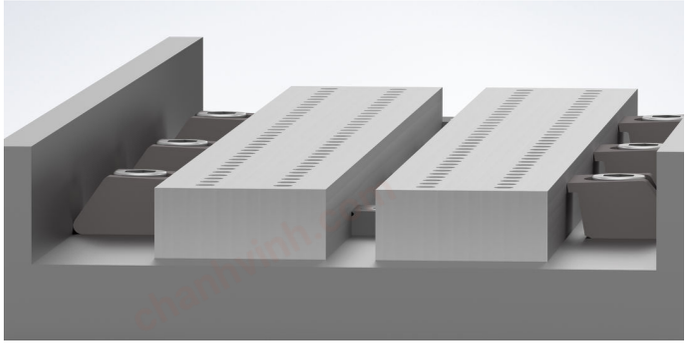


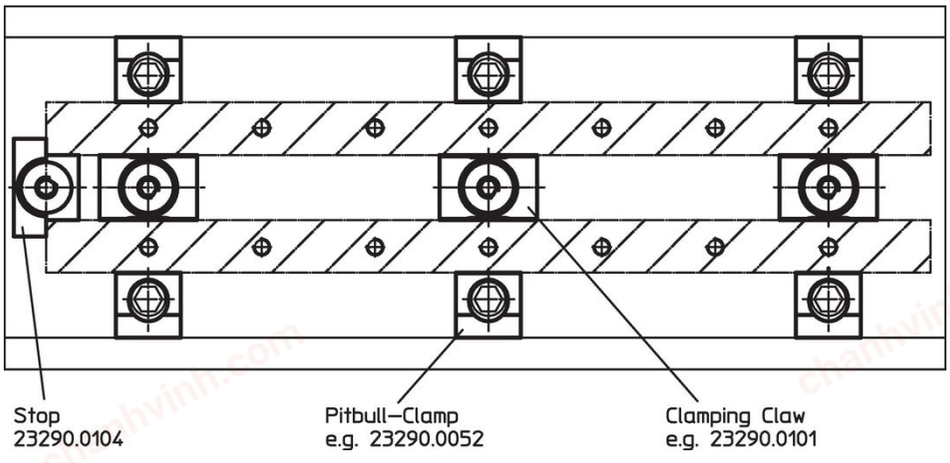
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Order information

Dimensions									Clamping way s	WS	Clamping force max.	Tightening torque max.				Art. No.
d	b	l_1 H9	l_2	l_3	h_1	h_2 min.	h_3 ~	h_4 ~					min.	max.		
[mm]									[mm]	[mm]	[kN]	[Nm]	[°C]		[g]	
with knife edge – picture 1, Steel																
M 4	12.7	12.70	5.10	–	4.8	2.6	7.4	8	0.4	3	2.6	6.0	-30	80	7.5	23290.0052
M 6	19.1	19.05	7.60	–	7.1	3.8	10.9	11	0.6	5	8.0	17.0	-30	80	22.0	23290.0054
M10	25.4	25.40	10.20	–	11.4	6.3	17.8	17	1.2	8	15.0	40.0	-30	80	65.0	23290.0056
M12	38.1	38.10	15.20	–	16.3	9.5	25.8	21	1.9	10	25.0	120.0	-30	80	243.0	23290.0058
blunt edged – picture 2, Steel																
M 4	12.7	12.70	5.10	–	4.8	2.6	7.4	8	0.4	3	2.6	6.0	-30	80	7.9	23290.0062
M 6	19.1	19.05	7.60	–	7.1	3.8	10.9	11	0.6	5	8.0	17.0	-30	80	20.0	23290.0064
M10	25.4	25.40	10.20	–	11.4	6.3	17.8	17	1.2	8	15.0	40.0	-30	80	65.0	23290.0066
M12	38.1	38.10	15.20	–	16.3	9.5	25.8	21	1.9	10	25.0	120.0	-30	80	396.0	23290.0068
blunt edged – picture 2, Brass																
M 4	12.7	12.70	5.10	–	4.8	2.6	7.4	8	0.4	3	1.5	2.8	-30	80	7.3	23290.0204
M 6	19.1	19.05	7.60	–	7.1	3.8	10.9	11	0.6	5	4.0	5.6	-30	80	23.0	23290.0206
with machined edge; for form-fitting clamping – picture 3, Steel, tempered																
M10	25.4	26.90	10.16	1.5	11.4	6.3	17.8	17	1.2	8	15.0	40.0	-30	80	71.0	23290.0310
M12	38.1	42.60	15.24	4.5	16.3	9.5	25.8	21	1.9	10	25.0	120.0	-30	80	220.0	23290.0312

Application example





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Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.