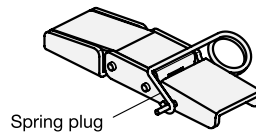
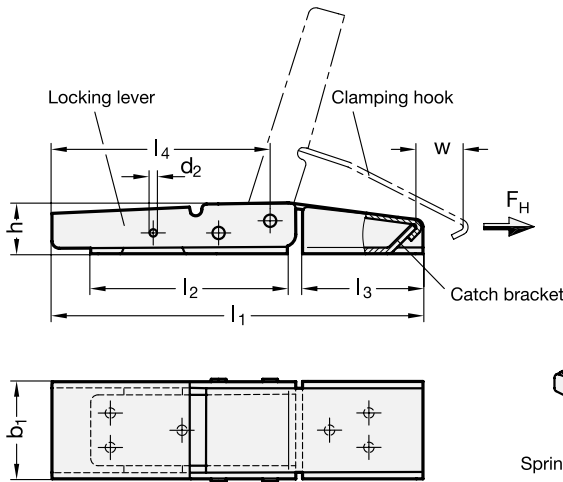




**3 Type**

- A** without spring plug
- B** with spring plug



**1**

$b_1$	$F_H$ in N Holding force	$b_2$	$d_1$	$d_2$	$h$	$l_1 \approx$	$l_2$	$l_3$	$l_4$	$m_1$	$m_2$	$m_3$	$m_4$	$m_5$	$m_6$	$w \approx$
15	100	9,5	3,4	1,4	8	53	25	17	31,5	9,5	13,5 +0,3	6,2	-	8,5	3	11
20	300	13	3,4	1,8	10	76	34	25	44	8	29 +0,5	8	-	22	4	9
29	600	20	4,2	2,5	15	111	56	35	67	20	38,8 +0,5	13	-	28	7	11
40	1200	29	4,2	3	20	152	80	49	89	32	57,3 +0,5	16	14	40	11	19

**Specification**

- Steel **ST**
- Steel zinc plated, blue passivated
- Stainless Steel **NI**
- Stainless Steel AISI 304
- *Stainless Steel characteristics* → Page 334
- **RoHS compliant**

**On request**

- Spring wire plug (in  $d_2$ ) for safety release lock

**2**

**Information**

The outstanding features of hook clamps GN 8330 are superior functionality and design. The integrated spring mechanism holds the locking lever and the clamping hook in the open position and allows effortless operation.

Once the dead center is exceeded, the elasticity of the sheet metal parts will cause the hook clamp to close. In the clamped position, the required drill hole spacing is  $m_2$ .

With the stroke  $w$  of the clamping hook, the elements to be connected can be pulled together during clamping.

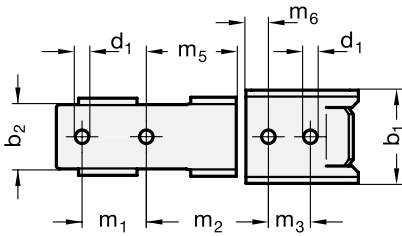
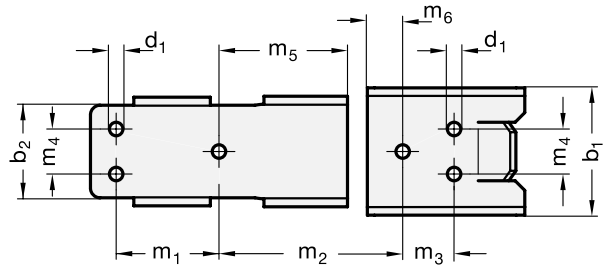
The locking mechanism can be secured via the drill hole using spring-loaded plugs. Lead seals may also be attached via  $d_2$ .

The retaining force given in the table is a guide value for the potentially static tensile stress load acting on the hook clamp. Depending on the conditions of use (e.g. when exposed to vibrations or shock impact), the retaining force may be impaired.

**How to order**

**GN8330-20-ST-A**

- 1**  $b_1$
- 2** **Material**
- 3** **Type**

Hole pattern for  $b_1 = 15 / 20 / 29$ 

 Hole pattern for  $b_1 = 40$ 


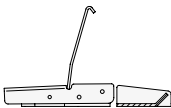
## Information

Screws with low-lying flat head must be used to guarantee the proper function. The drill template also allows the assembly using blank rivets.

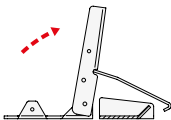


## Description of function

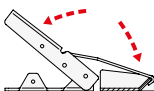
If not operated (i.e. not in the clamping position), both the locking lever and the clamping hook are held in the position shown, kept in place by two torsion springs.



Lifting the clamping lever will swivel the clamping hook into the level of the catch bracket.



For the clamping action, the clamping hook is pressed into the catch bracket and the locking lever is at the same time turned into the starting (retaining) position.



To release, simply lift the locking lever.

