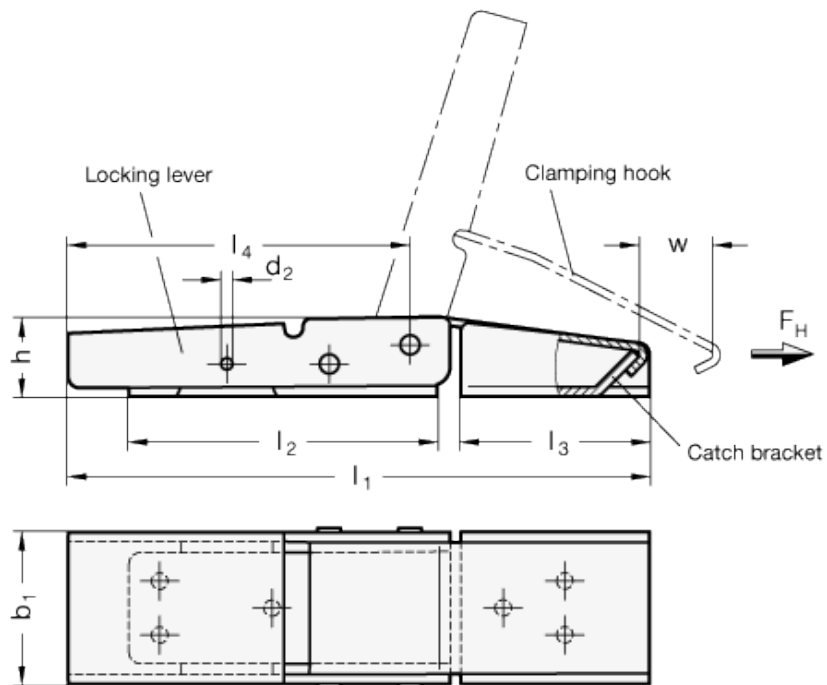


GN 8330

Hook clamps



technical informations

Material

Zinc-plated steel, blue passivated.

Standard version available

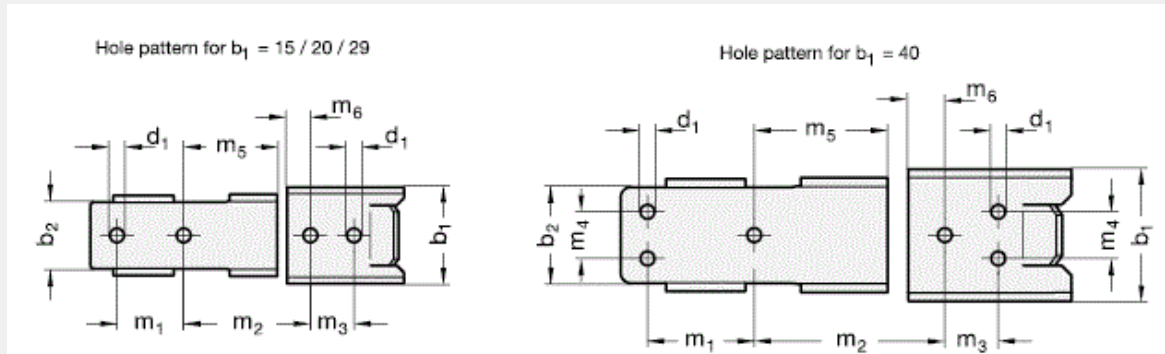
- Version A: without wire plug.
- Version B: with spring plug.

Accessories on request

Spring wire plug (in d_2) for safety release lock.

Features and applications

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

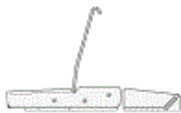


Information

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



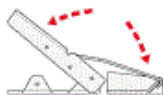
Description of function



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 onto 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.

Standard Elements	Main dimensions																Holding force FH in N	Weight	
Description	b ₁	b ₂	d ₁	d ₂	h	l ₁	l ₂	l ₃	l ₄	m ₁	m ₂	m ₃	m ₄	m ₅	m ₆	w	-	g	
GN 8330-15-ST-A	15	9.5	3.4	1.4	8	53	25	17	31.5	9.5	13.5 _{+0.3}	6.2	-	8.5	3	11		100	16
GN 8330-20-ST-A	20	13	3.4	1.8	10	76	34	25	44	8	29 _{+0.5}	8	-	22	4	9		300	35
GN 8330-29-ST-A	29	20	4.2	2.5	15	111	56	35	67	20	38.8 _{+0.5}	13	-	28	7	11		600	123
GN 8330-40-ST-A	40	29	4.2	3	20	152	80	49	89	32	57.3 _{+0.5}	16	14	40	11	19		1200	289
GN 8330-15-ST-B	15	9.5	3.4	1.4	8	53	25	17	31.5	9.5	13.5 _{+0.3}	6.2	-	8.5	3	11		100	16
GN 8330-20-ST-B	20	13	3.4	1.8	10	76	34	25	44	8	29 _{+0.5}	8	-	22	4	9		300	35
GN 8330-29-ST-B	29	20	4.2	2.5	15	111	56	35	67	20	38.8 _{+0.5}	13	-	28	7	11		600	123
GN 8330-40-ST-B	40	29	4.2	3	20	152	80	49	89	32	57.3 _{+0.5}	16	14	40	11	19		1200	289



STANDARD MACHINE ELEMENTS WORLDWIDE