

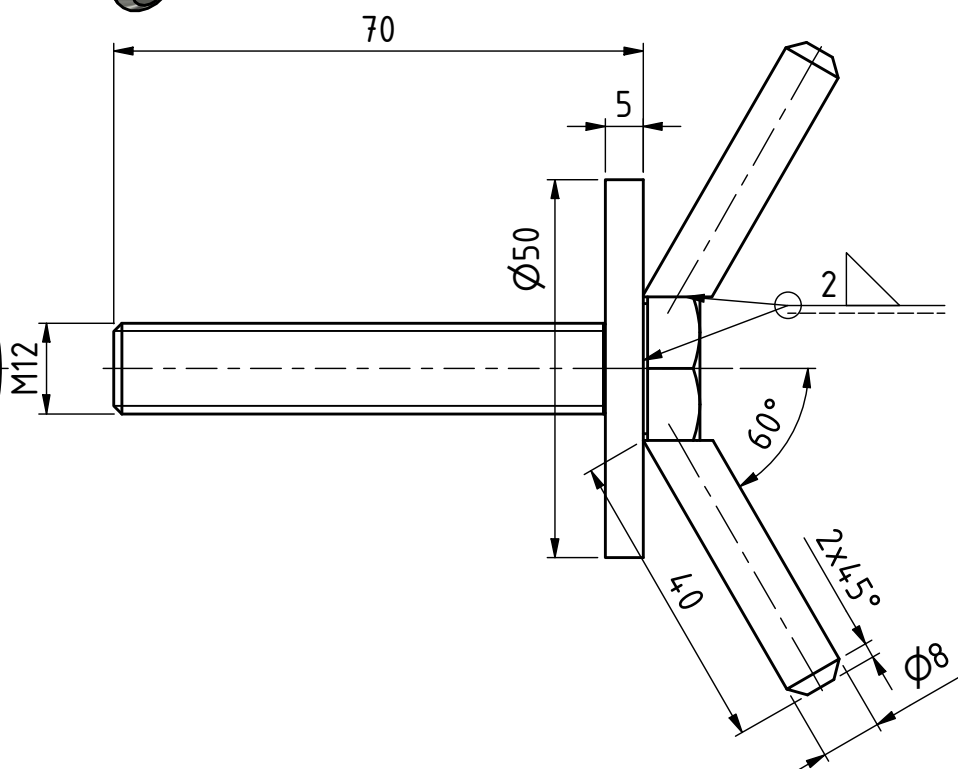
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The technical drawing illustrates a bolted joint assembly in three views:

- Isometric View (Top):** Shows a bolt (1) passing through a circular plate (2) and a hexagonal nut (3). The bolt has a threaded section and a smooth section. The plate has a central hole. The nut is positioned on the smooth section of the bolt.
- Front View (Bottom Left):** A 2D orthographic projection showing the bolt (1) as a vertical cylinder passing through the circular plate (2). The hexagonal nut (3) is shown as a hexagon centered on the bolt. Center lines are used to indicate the axis of the bolt and the center of the plate.
- Side View (Bottom Right):** A 2D orthographic projection showing the bolt (1) as a horizontal cylinder. The plate (2) is shown as a rectangle. The nut (3) is shown as a hexagon. Dimension lines indicate the length of the bolt and the diameter of the plate. The text "M12" is written next to the bolt, indicating its thread specification.



Oberflächenbehandlung:
- galvanisch verzinkt (weiß) - Schichtstärke: 12µm
surface treatment:
- *galvanized (white)* - coat thickness: 12µm

12,5



3	1	Hex screw	DIN 933 - M12 x 70		8.8	0,1 kg
2	1	Disc	HPI-00114146	5 x 50 x 50	1.0038	0,1 kg
1	2	Round steel	ISO 1035/1 - 8 - 40	Ø8x 40	1.0038	0 kg
Item	Qty.	Description	Drawing-Number/Standard	Dimensions	Material	Mass

-		04.08.2025	Vitztum_F
Rev.	Rev. Description	Date	Name

Kunde / Projekt Customer / Project	390		Projektionsmethode 1 First angle projection method ISO 128	
AL INVEST HDC 3000 90-02-mould plate trolley				HPI High Performance Industrietechnik GmbH 5282 Braunau-Ranshofen, Schloßstraße 32, Austria

Benennung Title <h1>Locking screw</h1> <h2>for plate trolley</h2>		Datum Date	Name Name
	Erstellt Created	30.07.2025	Vitztum_F
	Geprüft Checked	04.08.2025	Vitztum_F

Released

Werkstoff:	Masse (kg):
Material:	Mass (kg):
	0,2 kg

Zeichnungsnummer Drawing number	Revision	Format Size	Blatt Sheet	von off	Massstab: Scale:
HPI-00114148	-	A4	1	1	1:1