

STANDARD CLAMPING ELEMENTS



CATALOGUE 2020



CATALOGUE 2020

THE POWER CLAMP THAT KEEPS ITS PROMISES

- > **Uses:** All clamping tasks in cutting and non-cutting finishing operations. There are no limits to the possible uses in tool-making, injection moulding, presses and die-cutters as well as in model- and mould-making.
- > **Characteristics:**
 - > Clamping force up to 22 kN or 49 kN
 - > Low installation height
 - > Fast and simple clamping possible
 - > Continuously adjustable

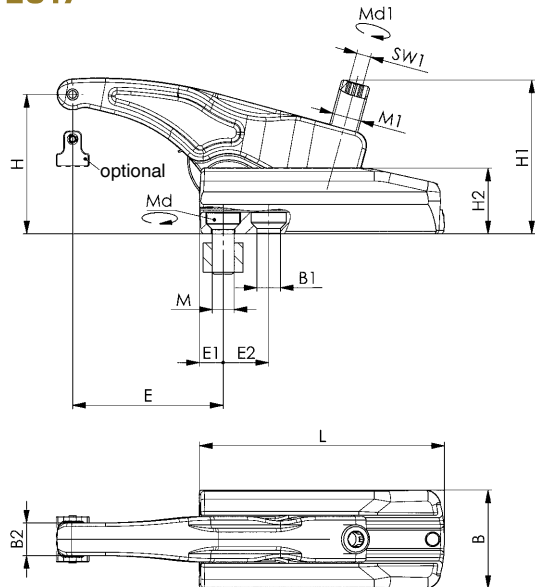
When using clamps in non-cutting and cutting metal finishing processes, as well as in mould making, clamping force and precision that meet the highest demands are required. With the sliding power clamp made of alloyed tempered steel, we offer an exceptionally robust and versatile mechanical clamping element, which can achieve extremely high clamping force of up to 49 kN. The power clamp, which is usable both horizontally and vertically, can be fastened to regular T-slot tables using T-nuts or, alternatively, to grid pallets using threaded mounting.

No. 7600

Power clamp

Continuously adjustable clamping element made of alloyed tempered steel in forged, black galvanised design. Complete with mounting kit 7600BFS. Thrust piece in smooth and ribbed variant, optionally available.

NEW!



Order no.	Size	max. load static [kN]	M	Slot	H	E	L	Weight [g]
562184	22	22	M10	12	5 - 38	15 - 50	65	700
556406	22	22	M12	14	5 - 38	15 - 50	65	700
556186	30	30	M12	14	6 - 68	13 - 110	135	2013
556187	30	30	M16	18	6 - 68	16 - 114	135	2045
556189	32	32	M12	14	6 - 50	12 - 82	95	1462
556190	40	40	M16	18	6 - 50	15 - 95	110	2262
556188	43	43	M16	18	5 - 80	16 - 134	155	3158
554198	49	49	M20	22	7 - 88	19 - 165	175	5928

Application:

1. Position carrier element on the tool table and secure with the specified tightening torque Md.
2. Move the clamp arm to the desired position.
3. Moving the adjusting screw clamps the workpiece.

Advantage:

- Low installation height
- High clamping force of 22 - 49 kN
- Height and length continuously adjustable
- The very robust design enables quick and easy clamping
- Elements easy to install
- For use in T-slots 12 - 28 mm and/or grid plates M10, M12, M16, M20
- 2 thrust piece variants

Note:

- The max. load may differ, depending on the manner of clamping and condition of the threads (lubrication).
- To reduce the wear on the adjusting screw, we recommend the use of AMF screw compound no. 6339. It possesses a synergistic combination of highly-effective solid lubricants and is heat-resistant and does not wash out.
- Use only with the associated AMF mounting kit 7600BFS.
- Size 30 M16 is not suitable for use with no. 7600Z.

Dimensions:

Order no.	Size	B	B1	B2	E1	E2	H1	H2	M1	SW1	Md 1 [Nm]	Md [Nm]
562184	22	45	13	13	11	-	58	30	M12	6	50	35
556406	22	45	13	13	11	-	58	30	M12	6	50	40
556186	30	54	13	18	13	25	85	36	M16	8	100	70
556187	30	54	17	18	16	28	85	36	M16	8	100	150
556189	32	54	13	18	12	20	78	36	M16	8	120	70
556190	40	60	17	20	15	26	92	42	M20	10	150	150
556188	43	60	17	20	16	32	105	42	M20	10	220	150
554198	49	75	21	25	19	36	125	52	M24	12	220	200

Subject to technical alterations.

