27750 Multiple clamping rails (sets)

ATORN®

Design
Multiple clamping system based on the wedge clamping device principle. Simple yet precise design. Extension of the clamps by means of a connecting system, resulting in optimum utilisation of the machine table. Excellent price/performance ratio.

Applications
Fast and precise clamp for all machine tools.

Advantage:
- All components of the system are compatible
- Can also be used on the ATORN zero-point clamping system
- Completely flexible
- Easy-to-mount stop system
- Solve all clamping tasks with one clamping system
- Replaces any vice

Note:
Very high clamping forces can be generated with the wedge clamping device. However, workpieces that only allow a low clamping force can also be clamped without any problems.
The clamping elements are mounted on the rail. Other combinations must be assembled individually. See art. no. 27751–27754.

27750 208

Clamping rail L x W x H mm	Jaws L x W x H mm	Fixed jaw (pieces)	Wedge clamping device (pieces)	27750	...
200 x 50 x 80	50 x 42 x 22	2	1		**201**
200 x 80 x 80	72 x 42 x 29	2	1		**202**
300 x 50 x 80	50 x 42 x 22	3	2		**203**
300 x 80 x 80	72 x 42 x 29	3	2		**204**
400 x 50 x 80	50 x 42 x 22	3	2		**205**
400 x 80 x 80	72 x 42 x 29	3	2		**206**
500 x 50 x 80	50 x 42 x 22	3	2		**207**
500 x 80 x 80	72 x 42 x 29	3	2		**208**

27751 Multiple clamping rails (individual)

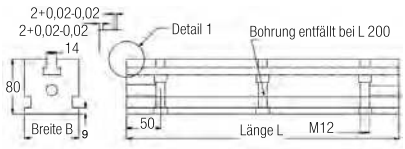
ATORN®

Design
Without jaws (see art. no. 27752) and wedge clamping device (see art. no. 27753).

Note:
For additional accessories, see art. no. 27754.

27751

Length mm	Width mm	Height mm	27751	...
200	50	80		**101**
200	80	80		**102**
300	50	80		**103**
300	80	80		**104**
400	50	80		**105**
400	80	80		**106**
500	50	80		**107**
500	80	80		**108**



27752 Fixed jaws (individual)

ATORN®

Design
Includes sliding block and screw.

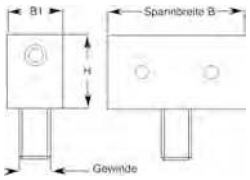
27752 101-109
Design
With smooth clamping surface.

27752 201-209
Design
With serrated clamping surface.

27752 301-309
Design
With claws.

Note:
T-sliding block with M 8 thread required for art. no. 27752 101–103, 27752 201–203 and 27752 301–303.

27752 201-209



Clamping width B mm	B1 mm	H mm	Screw DIN 912	Smooth 27752	...	Serrated 27752	...	With claws 27752	...
22	22	15	M 8		**101**		**201**		**301**
32	22	15	M 8		**102**		**202**		**302**
42	22	15	M 8		**103**		**203**		**303**
30	42	22	M 12		**104**		**204**		**304**
40	42	22	M 12		**105**		**205**		**305**
50	42	22	M 12		**106**		**206**		**306**
42	42	29	M 12		**107**		**207**		**307**
57	42	29	M 12		**108**		**208**		**308**
72	42	29	M 12		**109**		**209**		**309**

27753 Wedge clamping device (individual)

ATORN®

Design
Includes sliding block and screw.

27753 101-109
Design
With smooth clamping surface (standard clamp).

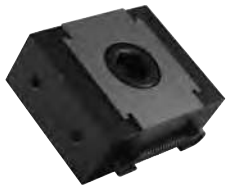
27753 201-209
Design
With serrated clamping surface (blank clamp).

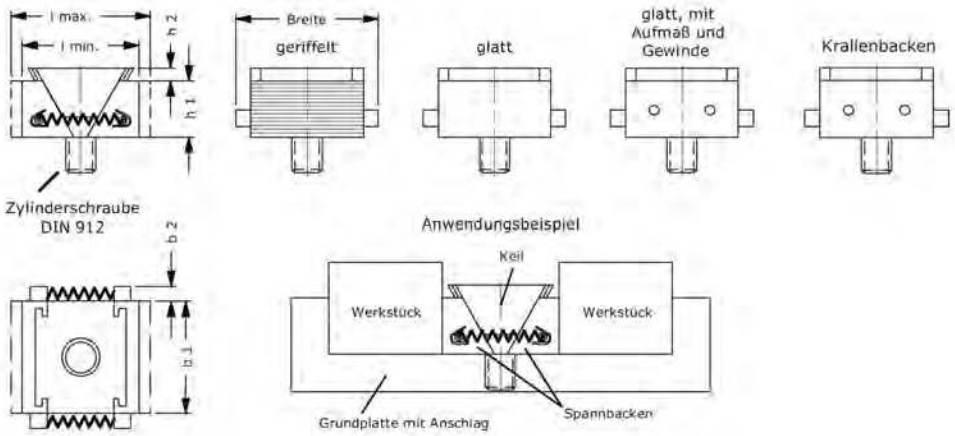
27753 301-309
With allowance.

27753 401-409
With claws.

Note:
T-sliding block with M 8 thread required for art. no. 27753 101–103, 27753 201–203, 27753 301–303 and 27753 401–403.

27753 101-109





Width mm	Clamping force kN	L min. mm	L max. mm	h1 mm	b1 mm	b2 mm	h2 mm	Screw DIN 912	Smooth 27753 ...	Serrated 27753 ...	With allowance 27753 ...	With claws 27753 ...
30	15	27	31	15	22	4	4	M 8	101	201	301	401
40	15	27	31	15	32	4	4	M 8	102	202	302	402
50	15	27	31	15	42	4	4	M 8	103	203	303	403
40	30	39	45	22	30	5	7	M 12	104	204	304	404
50	30	39	45	22	40	5	7	M 12	105	205	305	405
60	30	39	45	22	50	5	7	M 12	106	206	306	406
54	50	52	62	29	42	6	11	M 12	107	207	307	407
69	50	52	62	29	57	6	11	M 12	108	208	308	408
84	50	52	62	29	72	6	11	M 12	109	209	309	409

27754 Accessories

ATORN®

Applications
Accessories for ATORN multiple clamping rails, see art. no. 27750–27751.

Note:
** The length of the adapter is 72 mm. The adapter is used to connect two clamping rails without spacing. Any length is deliverable on request to provide appropriate spacing between the clamping rails.*

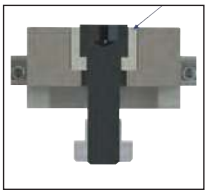
27754 101

27754 102

27754 103

27754 104-107

27754 108



27754 109-110

27754 111

Designation	Pieces	27754 ...
Adapter set*	1	101
Stop, adjustable	1	102
Stop, fixed	1	103
Sliding block, short, M 8	5	104
Sliding block, short, M 12	5	105
Sliding block, long, M 12	5	107
Screw bushing	5	108
Positioning sleeve, 20 x 14	1	109
Positioning sleeve, 20 x 18	1	110
Adjustable clamps	4	111

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.