

27750

Multiple sliding rails (Sets)



Type

Multiple clamping system according to the wedge-type tensioner principle. Simple, yet precise design. Extension of the clamps is possible, therefore maximum utilisation of the machine table. Extraordinary cost/performance ratio.

Use

Quick and precise clamp for all machine tools.

Advantage:

- all components of the system are compatible with each other.
- can also be used on ATORN Zero-Point datum clamping system
- absolutely flexible

- easy-to-mount system of stops.
- solve all clamping challenges with only one clamping system.
- replaces any bench vise.

Note:

The wedge-type tensioners allow for very high clamping forces. Workpieces which require low clamping forces, can also be clamped. The clamping elements are mounted on the rod. Other combinations are also available. See cat.-no. 27751 - 27754.

27750 208



Clamping rail L x W x H mm	Chucks L x W x H mm	Fixed chuck (pcs.)	Wedge type tensioner (pcs.)	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	2	3		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 sliding rails (single)



Type

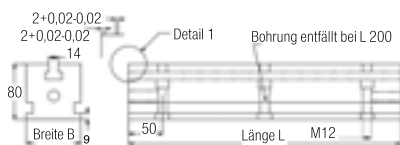
Without jaws (see cat.-no. 27752) and wedge-type tensioner (see cat.-no. 27753).

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

Note:

Other accessories, see Cat. No. 27754.



27752

Fixed jaws (single)



Type

Incl. of tenons and screw.

27752 101-109

Type

With smooth clamping surface.

27752 201-209

Type

With corrugated clamping surface.

27752 301-309

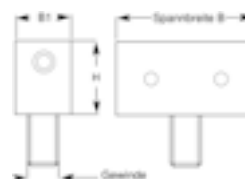
Type

With claws.

Note:

Cat.-no. 27752 101-103, 27752 201-203 and 27752 301-303 require T-keyway nut with M 8 thread.

27752 201-209



Clamping width B mm	B1 mm	H mm	Screw DIN 912	smooth		corrugated		with claws	
				27752	...	27752	...	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-type tensioners (single)



Type
Incl. of tenons and screw.

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

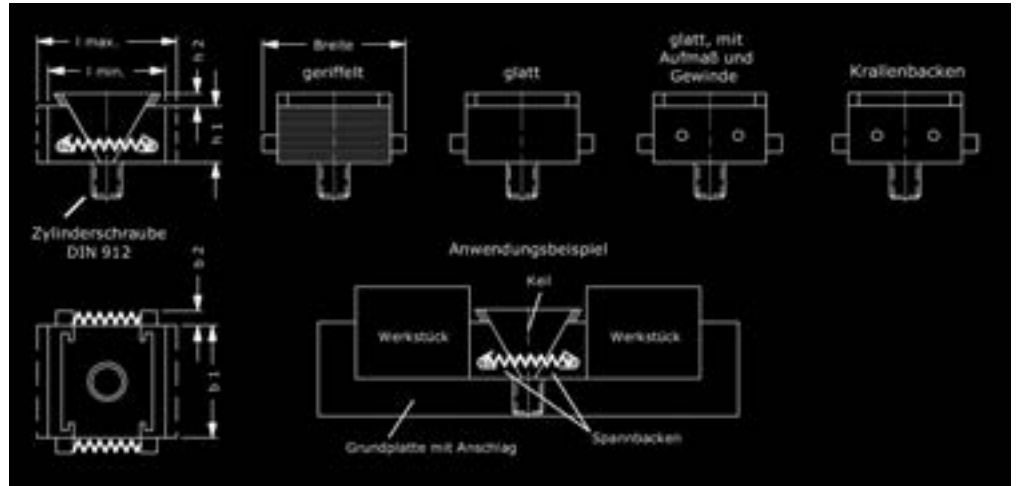
27753 201-209
Type
With corrugated clamping surface (for unfinished parts).

27753 301-309
With allowance.

27753 401-409
With claws.

Note:
Cat.-no. 27753 101-103, 27753 201-203,
27753 301-303 and 27753 401-403
require T-keyway nut with M 8 thread. .

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	corrugated	with allowance	with claws
									27753	... 27753	... 27753	... 27753
30	15	27	31	15	22	4	4	8	101	201	301	401
40	15	27	31	15	32	4	4	8	102	202	302	402
50	15	27	31	15	42	4	4	8	103	203	303	403
40	30	39	45	22	30	5	7	12	104	204	304	404
50	30	39	45	22	40	5	7	12	105	205	305	405
60	30	39	45	22	50	5	7	12	106	206	306	406
54	50	52	62	29	42	6	11	16	107	207	307	407
69	50	52	62	29	57	6	11	16	108	208	308	408
84	50	52	62	29	72	6	11	16	109	209	309	409

27754

Accessories



Use
Accessories for ATORN multiple sliding rails see
cat.-no. 27750 - 27751.

Note:
* The length of the adapter is 72 mm. The adapter
connects two sliding rails with each other without
gap. Other lengths in dependence of the desired
distance between the sliding rails available on
request.

Designation	Units	27754	...
Adapter set *	1		101
Adjustable limit stop	1		102
Fixed limit stop	1		103
Short M8 fulcrum pad	5		104
Short M12 fulcrum pad	5		105
Long M12 fulcrum pad	5		107
Threaded bush	5		108
Positioning bush 20x14	1		109
Positioning bush 20x18	1		110
Clamping brackets	4		111

27754 101



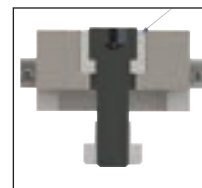
27754 102-103



27754 104-107



27754 108



27754 109-110



27754 111



Clamping Technology