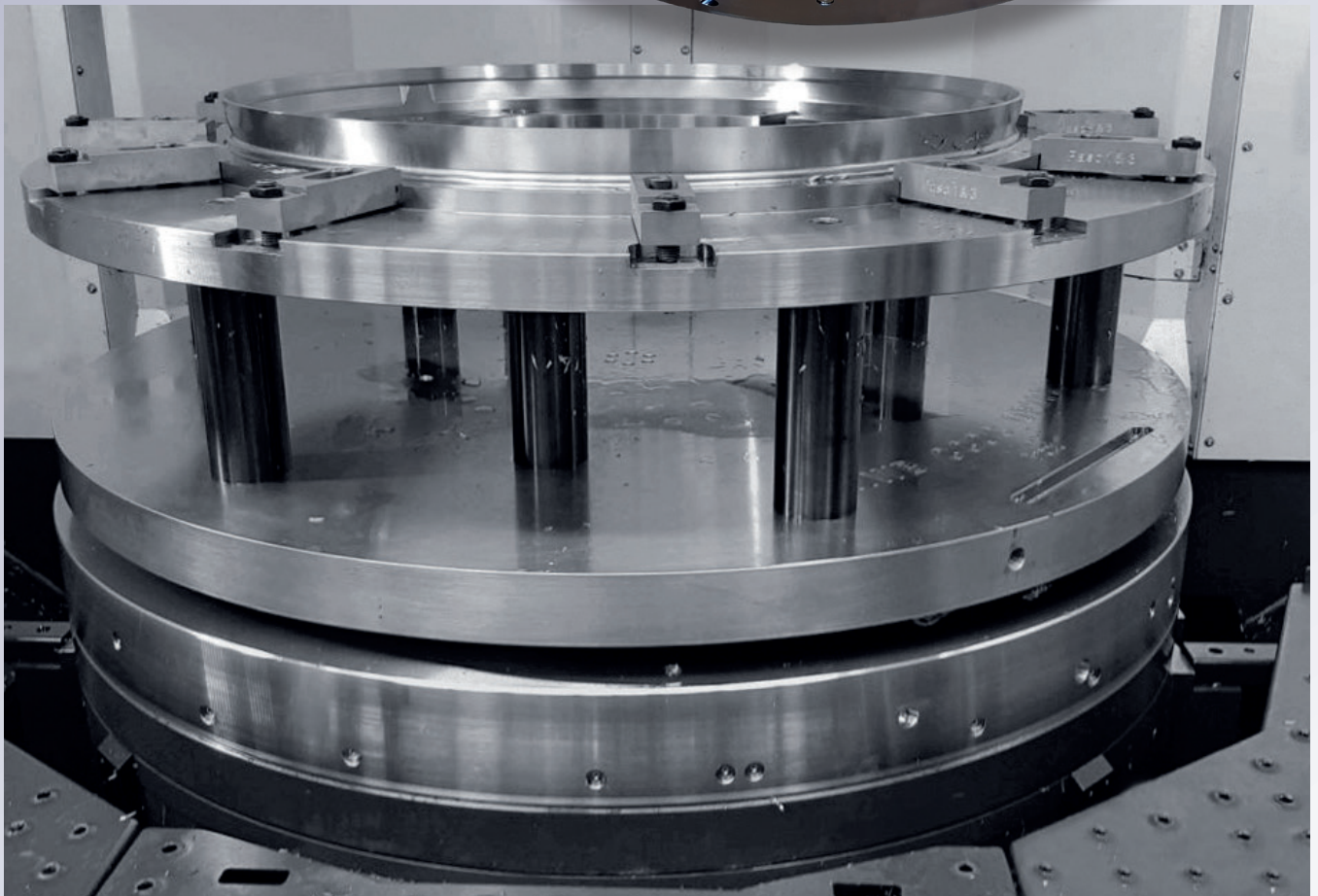
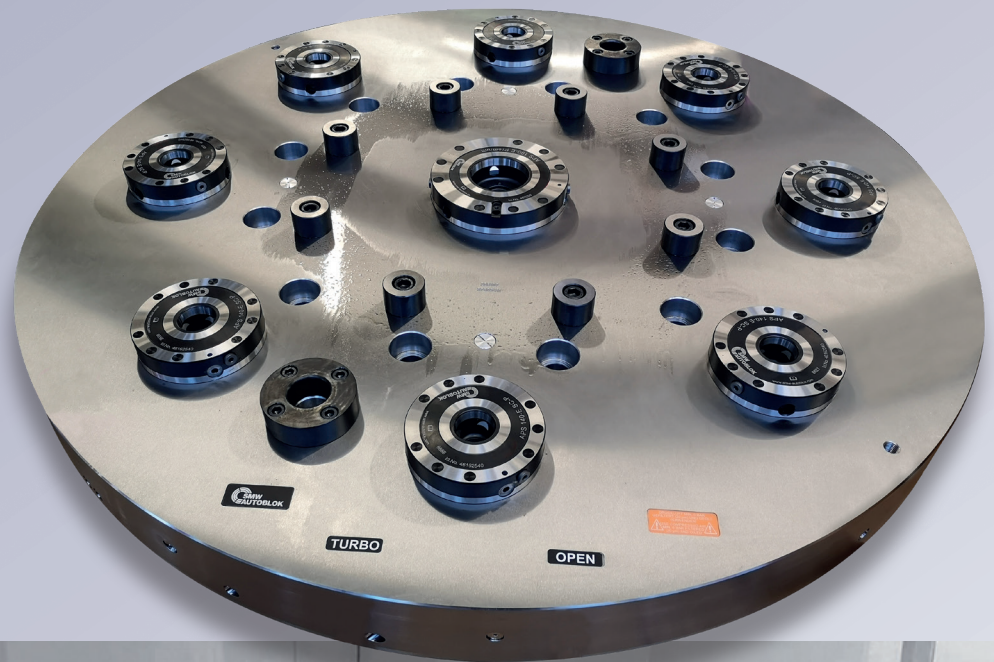


APS Clamping units for vertical turning lathes



Industry 4.0
Product



■ For vertical turning lathes

Application/customer benefits

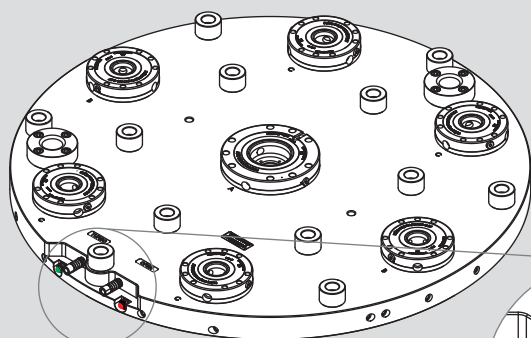
- Pre-assembled clamping unit with APS 190 Premium and APS 140 Premium Light
- For vertical turning machining center
- Universal applicable with ASA flanges or directly on the spindle nose
- Fast and easy set-up

Technical features

- 3 clamping slides
- Repeatability < 0.005 mm
- Turbo function to increase the pull-in forces (pull-in force without Turbo 13.5 kN for APS 190 and 7.5 kN for APS 140)
- Visual control for open and turbo
- Air cleaning

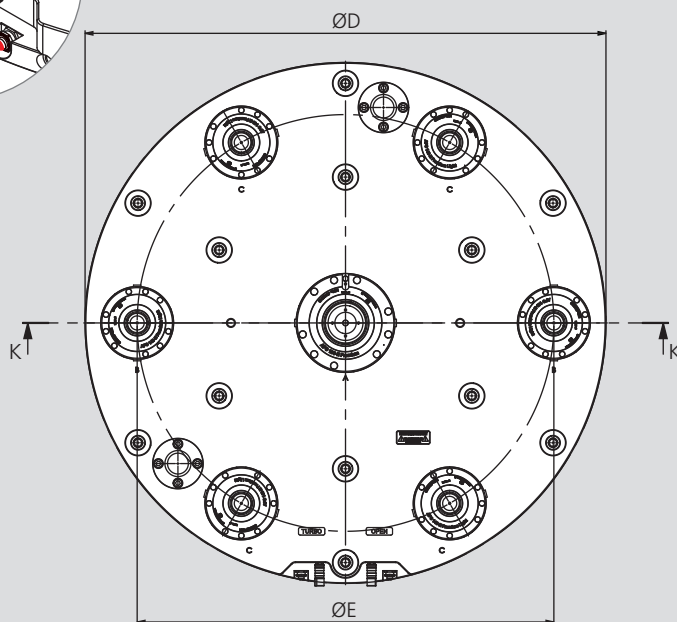
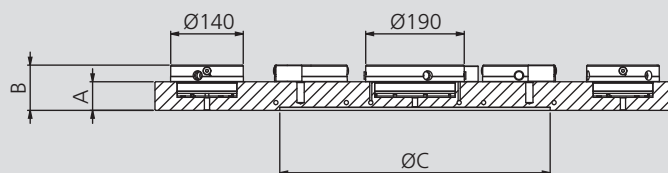
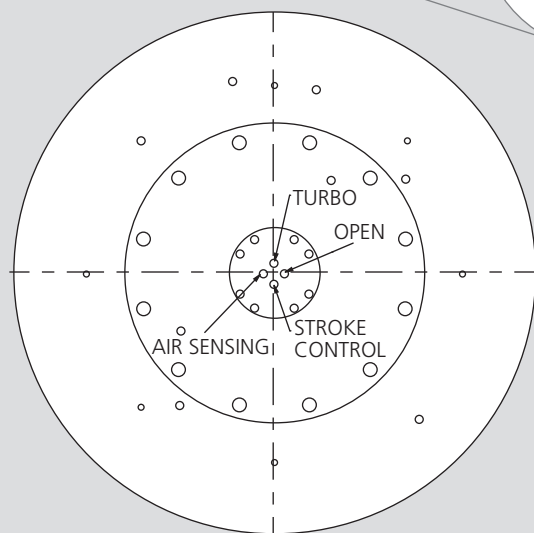
Standard equipment

Clamping unit with APS 190 Premium and APS 140 Premium Light
ASA flange not included



Visual control

On request



Subject to technical changes.

Type	Id. No.	Pull-in force with Turbo [kN]	Repeatability [mm]	Ø	A	B	C	D	E	APS 140 n°	APS 190 n°	Weight [kg]
Clamping unit with APS 190 Premium + APS 140 Premium light	on request	45 (APS 190) 26 (APS 140)	< 0.005	630	50	82	380	630	480	4	1	128
	on request		< 0.005	800	55	87	520	800	600	6	1	222
	on request		< 0.005	1000	55	87	520	1000	800	6	1	346
	on request		< 0.005	1200	60	92	720	1200	1000	8	1	519

Application/customer benefits

- Pre-assembled clamping pallet for APS turning plates
- Universal applicable
- Ready to use

Technical features

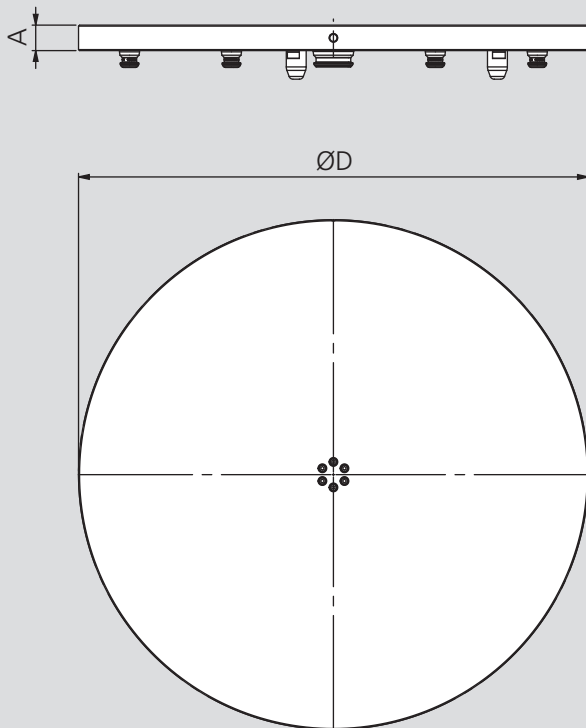
- Fully assembled
- Rust protected
- High quality steel (1.1730)

Standard equipment

1 clamping pallet: Fully assembled with 1 clamping pin (type A for APS 190), 2 clamping pin (type B for APS 140); 2 / 4 / 6 clamping pin (type C for APS 140), 2 male pre-centering pins



Application examples



Subject to technical changes.

Id. No.	Ø	A	Weight [kg]
on request	630	40	102
on request	800	40	163
on request	1000	50	316
on request	1200	50	455