

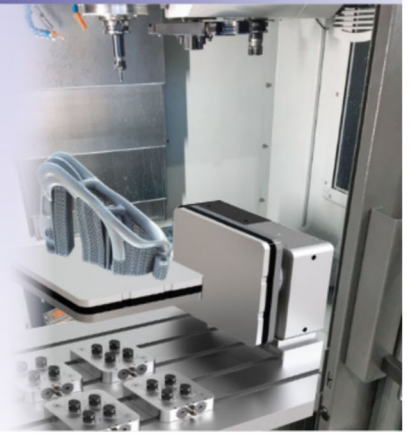
Tooling for individual finish machining / finishing



Jumbo pallet (300 x 300 mm)
on centric AM-LOCK chuck
QUATTRO for light machining



Jumbo pallet (300 x 300 mm) on
4x AM-LOCK-QUATTRO chucks for
higher machining forces

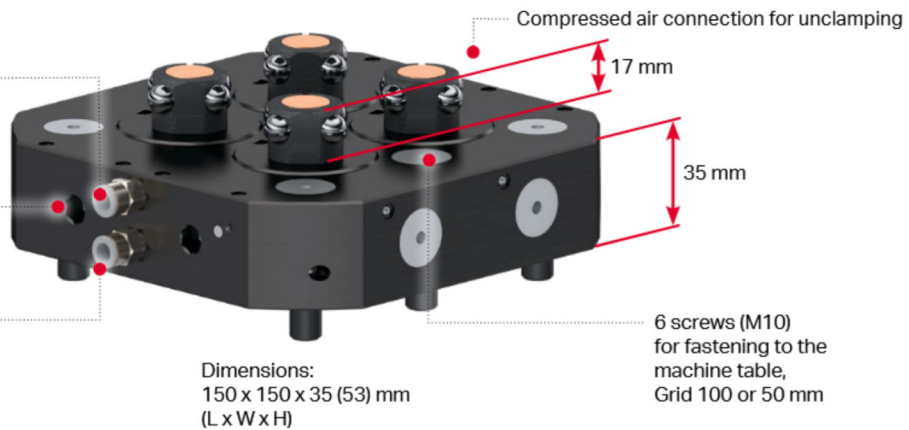


QUATTRO chuck

Connection for
contact check/
cleaning

Manual clamping:
180° turn suffices

Compressed air con-
nection for clamping



UNO chuck



Dimensions:
100 x 100 mm
35 mm high

6 benefits (applies to QUATTRO and UNO)

- Only 35 mm high
- Manual and pneumatic in one
- Easy to clean
- With pulse voltage
- Easy mounting
- Minimal maintenance

Technical data

		UNO	QUATTRO
Repeat accuracy X/Y/Z		approx. ± 0.005 mm	
Retention force, clamped	Manual	approx. 6 kN	approx. 24 kN
	pneumatic at 6 bar	approx. 10 kN	approx. 40 kN

Item no.

Item no.	Designation	Dimensions	Weight (kg)	Max. speed (rpm)
AML-SPF-U	UNO chuck	Ø50x34 mm, 1 pin	1.18	
AML-SPF-Q-2	QUATTRO chuck	150x150x34 mm, 4 pins	4.70	

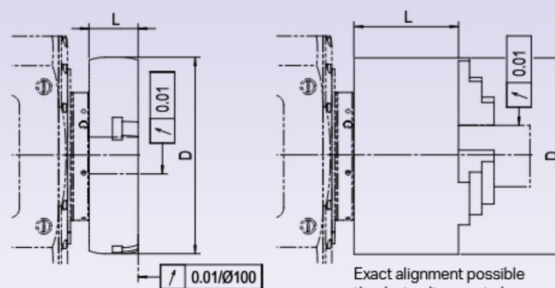


for more information, see AM-LOCK
brochure

Clamped quickly and easily

Quickly converted for small series and express work

Further information about jaw chucks at: www.niederhauser.ch
Request installation and operating instructions directly from manufacturer



Faceplates (axial discs)

	Item no.	Designation	Diameter D (mm)	Thickness (mm)	Passage (mm)	L from spindle (mm)	Weight (kg)	max. speed (rpm)	Moment of inertia J (kgm ²)
91x	TPL.91x-250	Faceplate, 8 T-slots 14 mm	250	45	45	42.1	17	*	0.14
	TPL.5xx-GEN	Increased accuracy = ½ tolerance values							
	TPL.mon	Faceplate assembled and measured							

* = TPL without assembly permits full speed, assembly to be performed by client



Scroll chucks (manual)

incl. matching adapter flange, 1 set each of hard boring and turning jaws as well as clamping wrench and fastening screw

	Item no.	Designation	Diameter D (mm)	Thickness (mm)	Passage (mm)	L from spindle adapter (mm)	Weight (kg)	max. speed (rpm)	Moment of inertia J (kgm ²)	Required spindle adapter	Niederhauser item no.
d80	BFU.510-160ps	Scroll chuck	165		42	82	13	4'600	0.04	SPL.91x-d80	510-160ps
	BFU.510-200ps	Scroll chuck	215		44	92	22	4'000	0.07	SPL.91x-d80	510-200ps
	BFU.5xx-GEN	Increased accuracy = ½ tolerance values									



- Limited clamping force
- Limited range of jaws (no claw and segment jaws)
- Cheaper than wedge bar chuck

Wedge bar chuck SMW type HG-F (manual, modular helical gear jaw system)

incl. matching adapter flange, 1 set of hard, reversible ground stepped jaws in the chuck as well as clamping wrench and fastening screw

	Item no.	Designation	Diameter D (mm)	Thickness (mm)	Passage (mm)	L from spindle adapter (mm)	Weight (kg)	max. speed (rpm)	Moment of inertia J (kgm ²)	Required spindle adapter	Niederhauser item no.
d80	BFU.510-160ks	Wedge bar chuck	165		42	81	11	5'500	0.04	SPL.91x-d80	510-160ks
	BFU.510-200ks	Wedge bar chuck	210		42	102.5	22	4'800	0.11	SPL.91x-d80	510-200ks
	BFU.5xx-GEN	Increased accuracy = ½ tolerance values									



- Higher clamping force
- Faster conversions (with quick jaw change system)
- More jaw accessories
- More expensive than scroll chuck