

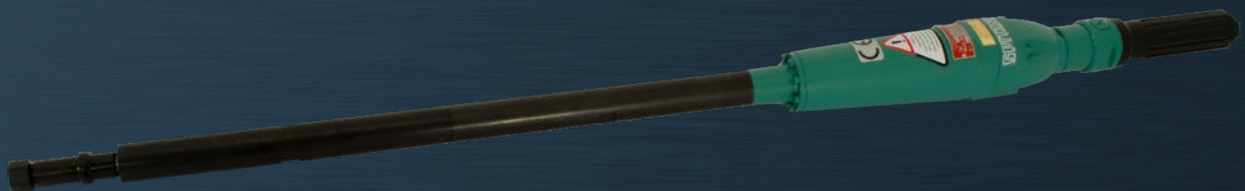


SPITZNAS
CUSTOMIZED POWER SOLUTIONS



AXIAL GRINDERS

TOOLS FOR THE SPECIALIST



PNEUMATIC



HYDRAULIC



SYSTEM CONCEPT



Second handle



Lever valve with self lock or
twist throttle with self retraction



Exhaust sidewise



Collet
type 0010 / 0050



Straight grinding wheels with
protection hood type 0020 / 0030



Conical grinding wheels without
protection hood type 0060/0070



PNEUMATIC

At speeds up to **10.000 rpm** or **12.000 rpm** these grinders are the ideal tool for high abrasion work. Various tool holder are available. The grinder with neck dia. of 24 mm and 30 mm can be optionally extended.



PNEUMATIC



OPERATING PRESSURE

6 Bar

ORDER NO.	Valve type	Tool holder for (disc dia. x width x hole dia.)	Speed (free)	Power	Air consumption	Length	Neck dia.	Noise level LpA	Vibration level	Weight
		mm	rpm	kW	m ³ /min	mm	mm	dB(A)	m/s ²	kg
1 1465 0010	Twist throttle	Collet dia. 6 mm	10,000	1.25	1.50	625	-	87.5	<2.5	3.5
0020		Straight grinding wheels with protection hood, dia. max. 100 mm								
0030		Straight grinding wheels with protection hood, dia. max. 125 mm								
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
0060		Conical grinding wheels without protection hood, dia. 60-70 x 20-25 x dia. 20 mm								
0070		Conical grinding wheels without protection hood, dia. 80 x 20 x dia. 20 mm								
0080		Grinding disc, dia. max. 125 x 2-6 x 22 mm								
1 1565 0010	Lever valve	Collet dia. 6 mm	10,000	1.25	1.50	625	-	87.5	<2.5	3.5
0020		Straight grinding wheels with protection hood, dia. max. 100 mm								
0030		Straight grinding wheels with protection hood, dia. max. 125 mm								
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
0060		Conical grinding wheels without protection hood, dia. 60-70 x 20-25 x dia. 20 mm								
0070		Conical grinding wheels without protection hood, dia. 80 x 20 x dia. 20 mm								
0080		Grinding disc, dia. max. 125 x 2-6 x 22 mm								
1 1495 0010	Twist throttle	Collet dia. 6 mm	12,000	1.70	1.70	625	-	86.3	3.2	3.5
0020		Straight grinding wheels with protection hood, dia. max. 100 mm								
0030		Straight grinding wheels with protection hood, dia. max. 125 mm								
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
0060		Conical grinding wheels without protection hood, dia. 60-70 x 20-25 x dia. 20 mm								
0070		Conical grinding wheels without protection hood, dia. 80 x 20 x dia. 20 mm								
0080		Grinding disc, dia. max. 125 x 2-6 x 22 mm								
1 1595 0010	Lever valve	Collet dia. 6 mm	12,000	1.70	1.70	625	-	86.3	3.2	3.5
0020		Straight grinding wheels with protection hood, dia. max. 100 mm								
0030		Straight grinding wheels with protection hood, dia. max. 125 mm								
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
0060		Conical grinding wheels without protection hood, dia. 60-70 x 20-25 x dia. 20 mm								
0070		Conical grinding wheels without protection hood, dia. 80 x 20 x dia. 20 mm								
0080		Grinding disc, dia. max. 125 x 2-6 x 22 mm								

Subject to technical change.

Performance data at an operating pressure of 6 bar.

TECHNICAL DATA

TECHNICAL DATA

PNEUMATIC

At speeds up to **10.000 rpm** or **12.000 rpm** these grinders are the ideal tool for high abrasion work.
Various tool holder are available.
The grinder with neck dia. of 24 mm and 30 mm can be optionally extended.



PNEUMATIC 

OPERATING PRESSURE 6 Bar

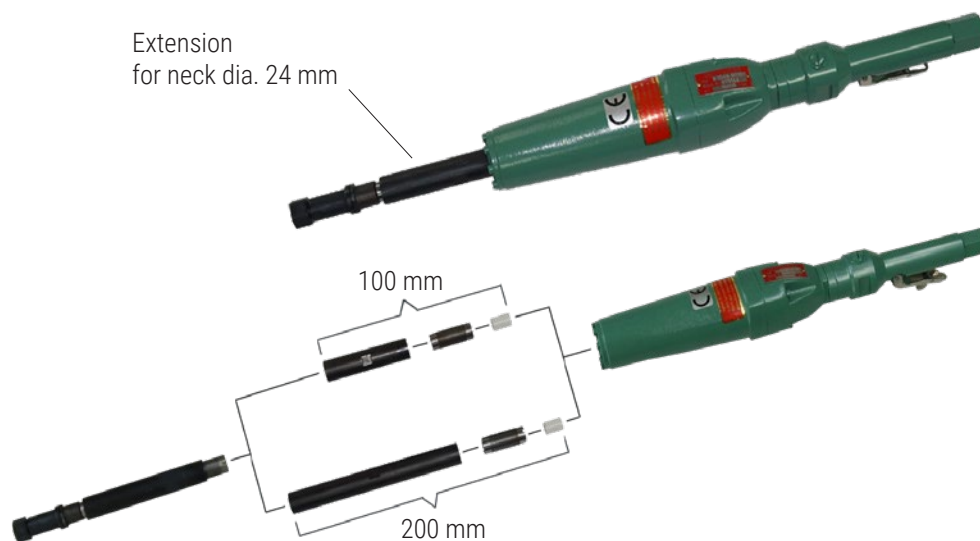
ORDER NO.	Valve type	Tool holder for (disc dia. x width x hole dia.) mm	Speed (free) rpm	Power kW	Air consumption m ³ /min	Length mm	Neck- dia. mm	Noise level LpA dB(A)	Vibration level m/s ²	Weight kg
1 1466 0010	Twist throttle	Collet dia. 6 mm	10,000	1.25	1.50	612	24	87.5	<2.5	4.9
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
1 1566 0010	Lever valve	Collet dia. 6 mm	12,000	1.70	1.70	612	24	86.3	3.2	4.9
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
1 1496 0010	Twist throttle	Collet dia. 6 mm	10,000	1.25	1.50	1,010	30	88.5	<2.5	5.0
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
1 1561 0010	Lever valve	Collet dia. 6 mm	12,000	1.70	1.70	1,010	30	87.5	3.2	5.0
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
1 1491 0010	Twist throttle	Collet dia. 6 mm	10,000	1.25	1.50	612	24	87.5	<2.5	4.9
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								
1 1591 0010	Lever valve	Collet dia. 6 mm	12,000	1.70	1.70	1,010	30	87.5	3.2	5.0
0040		Form grinders, dia. max. 50 mm, M12								
0050		Collet dia. 8 mm								

Subject to technical change.

Performance data at an operating pressure of 6 bar.

EXTENSIONS

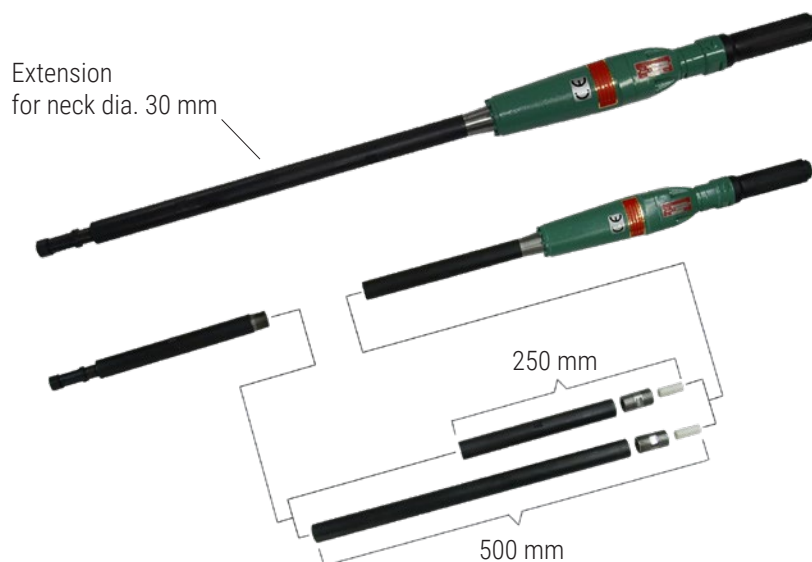
Additional extensions, which are connectable to each other and which can be fitted between motor and grinding spindle, allow a max. neck length of 1250 mm.



ORDER NO.	Description	Length [mm]	For neck dia. [mm]	For type
1 1433 7940	Extension	100	24	1 1466, 1 1566, 11496, 1 1596
1 1433 7950	Extension	200		

EXTENSIONS

Additional extensions, which are connectable to each other and which can be fitted between motor and grinding spindle, allow a max. neck length of 1250 mm.



ORDER NO.	Description	Length [mm]	For neck dia. [mm]	For type
1 1450 7930	Extension	250	30	1 1461, 1 1561, 1 1491, 1 1591
1 1450 7940	Extension	500		

TECHNICAL ACCESSORIES

SYSTEM CONCEPT



Tool holder for grinding discs



Robust and powerful motor unit



Twist throttle with self retraction
or lever valve with self lock



Protection hood

Closed motor unit
with exhaust sidewise

Inbuilt oiler



PNEUMATIC

Our most powerful axial grinders for maximum abrasion work. The machine has a tool holder for straight grinding wheels with protection hood, maximum disc diameter 150 mm.



PNEUMATIC



OPERATING PRESSURE 6 Bar

ORDER NO.	Valve type	Tool holder for (disc dia. x width x hole dia.) mm	Speed (free) rpm	Power kW	Air consumption m ³ /min	Length mm	Noise level LpA dB(A)	Vibration level m/s ²	Weight kg
1 1655 0010	Twist throttle	Straight grinding wheels with protection hood, dia. max. 150 mm	3,800	1.50	1.50	554	85.0	2.3	5.3
1 1656 0010		Straight grinding wheels with protection hood, dia. max. 125 mm	4,600	1.60	1.60	554	83.0	3.1	5.1
1 1657 0010		Straight grinding wheels with protection hood, dia. max. 150 mm	5,800	1.80	1.80	554	83.0	3.2	5.3
1 1658 0010		Straight grinding wheels with protection hood, dia. max. 150 mm	10,190	2.00	2.20	554	78.0	6.5	5.3
1 1665 0010	Lever valve	Straight grinding wheels with protection hood, dia. max. 150 mm	3,800	1.50	1.50	540	85.0	2.3	5.3
1 1666 0010		Straight grinding wheels with protection hood, dia. max. 125 mm	4,600	1.60	1.60	540	83.0	3.1	5.1
1 1667 0010		Straight grinding wheels with protection hood, dia. max. 150 mm	5,800	1.80	1.80	540	83.0	3.2	5.3
1 1668 0010		Straight grinding wheels with protection hood, dia. max. 150 mm	10,190	2.00	2.00	540	78.0	6.5	5.3

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC

Powerful hydraulic grinder for hard work and maximum abrasion work, as well as usable for underwater work. The maximum disc diameter is 200 mm.



HYDRAULIC



OPERATING PRESSURE 140 Bar

UNDERWATER OPERATION



ORDER NO.	Valve type	Tool holder for mm	Disc dia. max. mm	Speed (free) rpm	Power kW	Volume flow l/min	Length mm	Noise level LpA dB(A)	Vibration level m/s ²	Weight kg
1 1580 0060	Lever valve	dia. 20/M12	200	7,000	1.80	18.0	665	80.6	<2.5	8.3

Subject to technical change.

Performance data at an operating pressure of 140 bar.

TECHNICAL DATA

SYSTEM ACCESSORIES

HOSES WITH LUBRICATOR

We recommend to use hoses with lubricator when the service unit is not installed upstream to the machine.

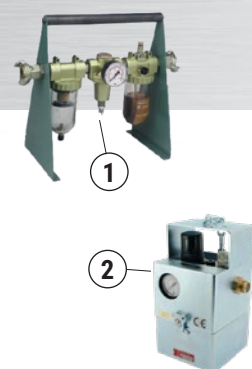
ORDER NO.	Description
9 3610 0180	Hose 2,5 m, ID 10 mm, with automatic lubricator R 1/4"
9 3610 0350	Hose 2,5 m, ID 13 mm, with automatic lubricator R 1/2"



SERVICE UNITS

Portable service units for safe operation and protection of your grinder.

ORDER NO.	Pos.	Description
9 2406 0260	1	Portable service unit with pressure regulator 3/4"
9 2406 0630	2	Portable service unit with protection housing and pressure regulator 1/2"
9 2406 0650	2	Portable service unit with protection housing and pressure regulator 3/4"



ACCESSORIES AND CONSUMABLES

The easy and safe storage with our carrying case and the use of our multi oil guarantees the optimum condition of your machine.

ORDER NO.	Pos.	Description
9 9910 0090	1	Carrying case
9 9902 0020	2	Pneumatic oil 50 ml
9 9902 0470	3	Pneumatic oil 1000 ml
9 9902 0120	4	Multi oil for cleaning and protection



More accessories on request.

DIE GRINDERS



AXIAL GRINDERS



ANGLE- AND VERTICAL GRINDERS



0721E