

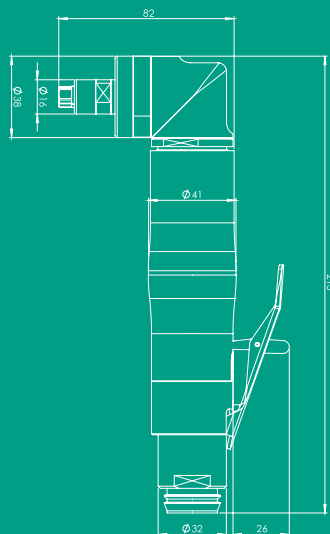


BIAX

Professional Power

GRINDERS, FILES AND DEBURRING TOOLS PNEUMATIC TOOLS FOR INDUSTRIAL USE

Tough • Consistent • Proven



MADE IN GERMANY

Das Original



www.biax.de | 001 580 305



Production hall, Maulbronn plant

Since 1919 Schmid & Wezel has been synonymous with precision, quality, and strong partnerships.

The company operates in four business areas: BIAX pneumatic and electric tools, BIAX flexible shafts, BIAX carbide tools, and EFA meat processing machines. All products are manufactured at three modern production facilities in Germany and Switzerland.

And when it comes to product quality, Schmid & Wezel is the market leader, not least thanks to the high level of vertical integration (up to 90%).

Sustainable customer satisfaction is our goal and the most important driving force for continuous innovation and quality. The strengths of Schmid & Wezel are in providing tailored solutions in high product quality and personalised customer support.



BIAX Maulbronn



BIAX Hilsbach



BIAX Thayngen

BIAX in-house repair service

In more than 100 years of the company's history, we have repaired countless pneumatic and electric tools. The experience and knowledge gained has been passed on from one generation of employees to the next. For our business, the repair service is an instrument of ensuring customer satisfaction. Our workshop is also fitted with special equipment made specifically for us – tools which are fully adapted to BIAX machines. Rely on us and have your repairs done directly by the manufacturer.



Here's a brief overview of our services:

- 12-month warranty
- We use only genuine BIAX spare parts of the highest quality
- Repairs are carried out by experts with many years of experience at BIAX
- We repair your standard machine at a reasonable fixed price, thus eliminating the need for a cost estimate and saving you lots of time. The average repair time is around two weeks, after which your machine will be as good as new
- Therefore, after repairs we offer a renewed warranty period of 12 months
- Goodwill – we are available to talk and can decide for the customer in case of doubt
- Repair training available on request for end customers

Other services

- On-site expert advice from our field representative or over the telephone with our in-house staff
- Specially trained in-house application consultants, providing a wide range of consultation services. These can also develop special, customised solutions for your business
- Test device: Not sure? Try out our machines free of charge and with no obligation before purchasing
- Very fast delivery times and responses to your enquiries
- Training and technical lectures
- A wide-ranging network of partners, both domestically and abroad

Schmid & Wezel is ISO-certified:



Schmid & Wezel was awarded the BSFZ seal for innovation competence:



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01 High-speed oil-free grinders (50,000–100,000 rpm)



Maintenance-friendly, clean and super-fast – our high-speed oil-free grinders are suitable for even the most delicate deburring work.

The main advantages of oil-free pneumatic grinders are that they do not leave behind oily residues on the workpieces and they do not contaminate the exhaust air. Maintenance of these tools is also easier, since it only involves a simple air filter. Our lubrication-free machines achieve very high speeds and are therefore perfect for highly delicate deburring work using very thin rotary burrs. They also offer high torque and an impressive level of performance.





Speed [rpm]: 100,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 115
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

TVD 3-100/2
Order no. 150 149 906
TVD 3-100/3 Ultra
Order no. 150 149 911

Ideal surface quality without machining marks during delicate deburring work thanks to the very high speed and elastic spindle bearings. Very quiet running and good handling due to compact dimensions.

The TVD 3-100/3 Ultra features special hybrid bearings (steel/ceramic), which significantly increase service life in almost all applications.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65



Collet wrench, size 6+8
Order no. 007 899 751



Hose unit
Order no. 001 366 537



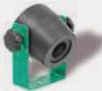
No lubricated air required.
Please operate at 6 bar.

Speed [rpm]: 90,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 115
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

T 3-90 S
Order no. 150 149 500

With the new T 3-90 S, you achieve excellent surface results in fine deburring and grinding jobs at 90,000 RPM. The device has a 22 mm diameter and a decoupled spindle with floating bearings, which prevent vibrations, ensuring smooth and quiet operation. The air consumption automatically decreases under lower loads, saving energy costs. Additionally, a run-out brake provides extra safety.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65



Collet wrench, size 6+8
Order no. 007 899 751



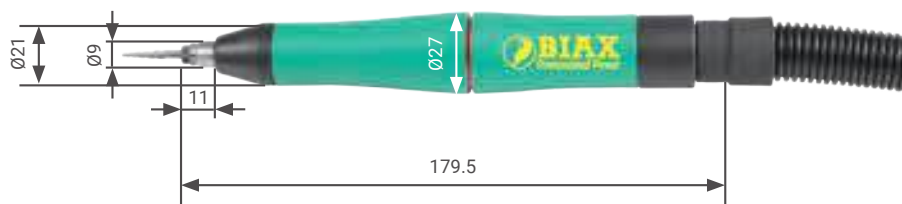
Hose unit
Order no. 001 367 507



No lubricated air required.
Please operate at 6 bar.

Model	TVD 3-100/2 TVD 3-100/3 Ultra	T 3-90 S
Valve	Rotary valve	Rotary valve
Exhaust air direction	forwards	backwards
Front bearing set	elastic, hybride (steel/ceramic)	paired, floating
Speed [rpm]	100,000	90,000
Air consumption [l/min]	180	140-320
Noise level [dB(A)]	70	66
Weight [g]	250	265
Max. tool shank diam. [mm]	3	3
Max. tool Ø [mm]		
Carbide tools	3	3
Mounted points	5	5

Speed [rpm]: 85,000
Power [watts]: < 100



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 115
 (without hose unit)
 For details, see page 64



Equipped with **ULTIMATE**
 precision collet as standard!

TSD 385 Order no. 150 001 710

With a patented, oil-free vane motor for high-precision applications. High performance, with double bearing, thus ensuring high resistance to wear. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 5 / 3 mm
 Order no. 001 999 985
 For other sizes, see page 65

Collet wrench, size 6+8
 Order no. 007 899 751

Hose unit
 Order no. 001 366 576



No lubricated air required.
 Please operate at 6 bar.

Speed [rpm]: 85,000
Power [watts]: < 100



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 115
 (without hose unit)
 For details, see page 64



Equipped with **ULTIMATE**
 precision collet as standard!

TSH 385 Order no. 150 001 700

With a patented oil-free vane motor for delicate work. High performance, double bearings for increased durability. Equipped with a lever valve.

Included accessories

Collet ZG 5 / 3 mm
 Order no. 001 999 985
 For other sizes, see page 65

Collet wrench, size 6+8
 Order no. 007 899 751

Hose unit
 Order no. 001 367 507



No lubricated air required.
 Please operate at 6 bar.

Model	TSD 385	TSH 385
Valve	Rotary valve	Lever valve
Exhaust air direction	backwards	backwards
Front bearing set	paired	paired
Speed [rpm]	85,000	85,000
Air consumption [l/min]	170	170
Noise level [dB(A)]	74	74
Weight [g]	190	210
Max. tool shank diam. [mm]	3	3
Max. tool Ø [mm]		
Carbide tools	3	3
Mounted points	6	6



Speed [rpm]: 65,000
Power [watts]: < 100



Equipped with **ULTIMATE**
precision collet as standard!

Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 115
(without hose unit)
For details, see page 64



T 365/2 Order no. 150 149 730

Thanks to the elastic bearing sets, rotary burrs with a head diameter of 6 mm can be used without any vibrations. The centrifugal governor ensures a constant speed under different loads and acts as a power reserve.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

Collet wrench, size 6+8
Order no. 007 899 751

Hose unit
Order no. 001 366 594



No lubricated air required.
Please operate at 6 bar.

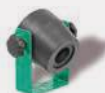
Speed [rpm]: 65,000
Power [watts]: < 100



Equipped with **ULTIMATE**
precision collet as standard!

Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 115
(without hose unit)
For details, see page 64



T3-65 S Order no. 150 149 810

Highly wear-resistant tool due to the paired bearings at the front. Quiet running and pleasantly quiet during operation. Slim, ergonomic design.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

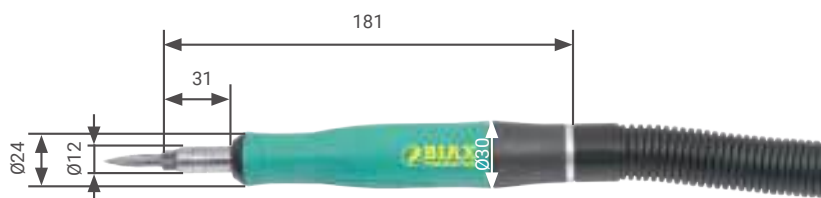
Collet wrench, size 6+8
Order no. 007 899 751

Hose unit
Order no. 001 367 502



No lubricated air required.
Please operate at 6 bar.

Speed [rpm]: 50,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 115
(without hose unit)
For details, see page 64



T 6-50 S Order no. 150 149 820

Extremely long service life thanks to the larger paired bearings. Particularly suitable for precision work with rotary burrs up to 6 mm head and shank diameter in continuous operation at 50,000 rpm.

Included accessories

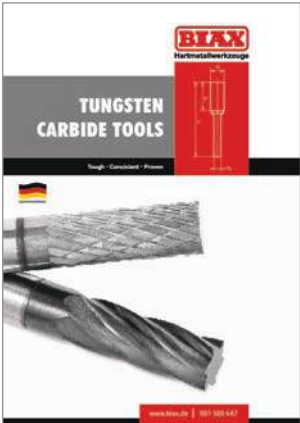
Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65

Collet wrench, size 9+11
Order no. 007 899 874

Hose unit
Order no. 001 367 503



No lubricated air required.
Please operate at 6 bar.



To the catalogs:



Note: Achieve perfect results with BIAX carbide burrs. See our catalogue of carbide tools.
For further accessories, see the BIAX accessories catalogue.

Model	T 365/2	T 3-65 S	T 6-50 S
Valve	Slide valve	Rotary valve	Rotary valve
Exhaust air direction	backwards	backwards	backwards
Front bearing set	elastic	pair	pair
Speed [rpm]	65,000	65,000	50,000
Air consumption [l/min]	180	150-510	150-510
Noise level [dB(A)]	70	70	70
Weight [g]	220	390	400
Max. tool shank diam. [mm]	3	3	6
Max. tool Ø [mm]			
Carbide tools	6	3	6
Mounted points	8	6	10



02 High-speed grinders for delicate deburring, grinding and engraving work (55,000–85,000 rpm)



The high-speed BIAx grinders are especially useful where fatigue-free work and a high level of torque are essential. One particular feature of our machines with vane motors is their high level of performance despite their low weight and compact design. It can be used in your hand like a pen, and the range also includes a model featuring tool-free rotary burr changing and a machine with a special device for creating an even 45° chamfer.



Speed [rpm]: 85,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

SRD 3-85/2
Order no. 150 001 060

SRD 3-85/2 D HEAVY DUTY
Order no. 150 001 035

Lightweight and highly convenient machine, fits in your hand like a pencil. Surprisingly powerful, despite the speed of 85,000 rpm. Ideal for delicate grinding, milling and engraving work. The machine is available in the following models:

Bearing set: single (SRD 3-85/2) or paired (SRD 3-85/2 D) for extreme continuous operation

Exhaust air direction: backwards (SRD/SRH models) or forwards (SVD/SVH models).

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

Hose unit
Order no. 001 366 595

Collet wrench, size 6+8
Order no. 007 899 751



 Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 85,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

SRH 3-85/2
Order no. 150 001 065
SRH 3-85/2 D HEAVY DUTY
Order no. 150 001 040

The only difference in the SRH 3-85/2 relative to the SRD 3-85/2 described above is the lever valve. Many other models are also fitted with a lever valve.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

Hose unit
Order no. 001 366 595

Collet wrench, size 6+8
Order no. 007 899 751



 Please operate with 2–3 drops of oil per minute at 6 bar.





SINGLE-BEARING-SET SPINDLE

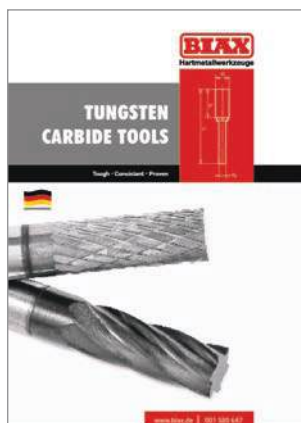
The proven, robust BIAx spindle with two high-performance bearings (one at the front and one at the back) is the perfect choice for the most common applications.



DOUBLE-BEARING-SET SPINDLE

This spindle is supported by double bearings at the front, making it even more wear-resistant and durable. It is particularly suitable for tougher grinding and milling applications at high speeds where high material removal is required.

Applies to SRD 3-85/2 D and SRH 3-85/2 D.



To the catalogs:



Note: Achieve perfect results with BIAx carbide burrs. See our catalogue of carbide tools. For further accessories, see the BIAx accessories catalogue.

Model	SRD 3-85/2	SRD 3-85/2D	SVD 3-85/2	SVD 3-85/2D	SRH 3-85/2	SRH 3-85/2D	SVH 3-85/2	SVH 3-85/2D
Valve	Rotary valve	Rotary valve	Rotary valve	Rotary valve	Lever valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	forwards	forwards	backwards	backwards	forwards	forwards
Front bearing set	single	paired	single	paired	single	paired	single	paired
Speed [rpm]	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000
Air consumption [l/min]	170	170	170	170	170	170	170	170
Noise level [dB(A)]	76	76	78	78	78	78	84	78
Weight [g]	130	140	180	190	170	170	210	220
Max. tool shank diam. [mm]	3	3	3	3	3	3	3	3
Max. tool Ø [mm]								
Carbide tools	4	4	4	4	4	4	4	4
Mounted points	6	6	6	6	6	6	6	6



Speed [rpm]: 55,000
Power [watts]: < 100



SRD 3-55/2 Order no. 150 000 925

A class apart: small, lightweight, convenient, and with an incredibly high power-to-weight ratio (power per gram) at a speed of 55,000 rpm. The most powerful grinder of its kind. Feels like holding a pen.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

Hose unit
Order no. 001 366 595

Collet wrench, size 6+8
Order no. 007 899 751



Optional accessories

Vario-holder
Order no. 007 012 848



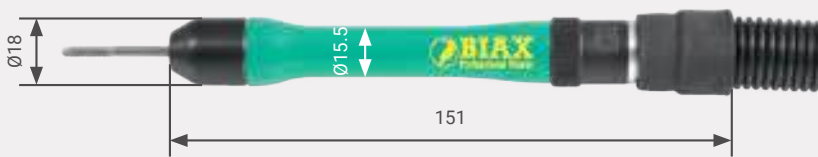
Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

Please operate with 2–3 drops
of oil per minute at 6 bar.

Speed [rpm]: 55,000
Power [watts]: < 100



SRD 3-55/2 S Order no. 150 000 935

Like SRD 3-55/2, but with an additional auto-lock function: tool-free clamp and release of rotary burrs or grinding tools. No wear of the collets.

Included accessories

"Auto-lock" tool holder

Hose unit
Order no. 001 366 595



Please operate with 2–3 drops
of oil per minute at 6 bar.

Optional accessories

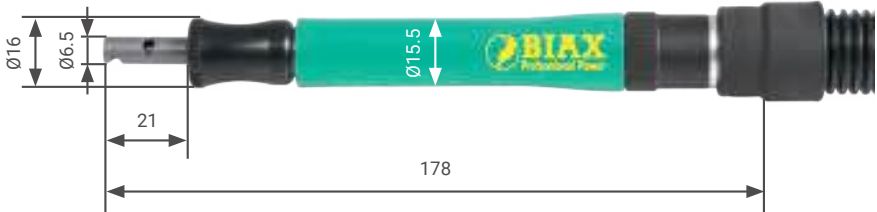
Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Speed [rpm]: 55,000
Power [watts]: < 100



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

SRD 3-55/2 KE
Order no. 150 000 965

Like SRD 3-55/2, but with an additional device for breaking edges, used for creating an even 45° chamfer. Very suitable for fine burrs on straight profiles. The degree of chamfering can be adjusted. No risk of injury thanks to the protective sleeve. Can be converted easily into a normal grinder with guard by removing the attachment.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65



rotary burr TCA 0303-63
Order no. 001 952 011

Hose unit
Order no. 001 366 595



Collet wrench, size 6+8
Order no. 007 899 751



 Please operate with 2–3 drops
of oil per minute at 6 bar.



Model	SRD 3-55/2	SRD 3-55/2 S	SRD 3-55/2 KE
Valve	Rotary valve	Rotary valve	Rotary valve
Exhaust air direction	backwards	backwards	backwards
Front bearing set	single	single	single
Speed [rpm]	55,000	55,000	55,000
Air consumption [l/min]	170	170	170
Noise level [dB(A)]	74	74	74
Weight [g]	93	103	95
Max. tool shank diam. [mm]	3	3	3
Max. tool Ø [mm]			
Carbide tools	6	4	Can only be used with TCA 0303-63
Mounted points	8	8	-



03 Straight grinders for heavy-duty grinding and milling applications (10,000–45,000 rpm)



A wide range of single-handed and two-hand grinders with various speeds and performance levels are available for robust application on large and medium-sized workpieces. Due to the multitude of potential applications, we offer a number of different bearing configurations for our models. Particularly noteworthy are our vibration-damped models with floating bearing sets. We also have grinders with extending spindles for carrying out work in hard-to-reach areas. And the range is made complete with the addition of the powerful grinders for brushing.



Speed [rpm]: 45,000
Power [watts]: 260



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 102
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 577



SRD 6-45/2
Order no. 150 010 750
SRH 6-45/2
Order no. 150 010 760

A combination of high speed and outstanding performance. Can be used universally for both delicate and rough work using rotary burrs with head diameters of 3–8 mm. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65



Collet wrench,
size 9+11
Order no. 007 899 874



Please operate with 3-4 drops of oil per minute at 6 bar.

Speed [rpm]: 45,000
Power [watts]: 260

VIBRATION-DAMPED



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 102
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 577



SRD 6-45/2 SL
Order no. 150 010 755
SRH 6-45/2 SL
Order no. 150 010 765

Like SRD/SRH 6-45/2, but with an floating bearing set for absorbing impacts and minimising vibrations. Prevents machining marks and creates an outstanding surface quality. Gentle on the tool and on your wrist.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65



Collet wrench,
size 9+11
Order no. 007 899 874



Please operate with 3-4 drops of oil per minute at 6 bar.

Speed [rpm]: 45,000
Power [watts]: 260

Please operate with 3-4 drops of oil per minute at 6 bar.



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set for SRD 3-45/3
Order no. 007 899 116
(excl. hose unit)
For details, see page 64



Hose unit for SRH 3-45/2
Order no. 001 366 526



No connection set for SRH 3-45/2

Equipped with **ULTIMATE** precision collet as standard!

SRD 3-45/3
Order no. 150 010 775
SRH 3-45/2
Order no. 150 010 780

Like SRD/SRH 6-45/2, but with a long, thin tool spindle. This allows you to place the tool flat or operate in hard-to-reach areas. Ideal for spot-grinding and reworking of moulds and tools.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65



Collet wrench,
size 6+8
Order no. 007 899 751



Hose unit
(only for SRD 3-45/3)
Order no. 001 367 506



Special oil for all machines that require oiled compressed air. Order no. 001 365 665 1.0 l // order no. 001 365 605 5.0 l



Speed [rpm]: 30,000
Power [watts]: 260 / 240



Please operate with 2–3 drops
of oil per minute at 6 bar.

SRD 8-30/2 / SRH 8-30/2
Order no. 150 010 920 / 150 010 925
SARD 830 / SARH 830 HEAVY DUTY
Order no. 150 012 005 / 150 012 015

Basic model of the grinder with 30,000 rpm.
More power at lower speeds.
Stronger vanes and generally higher
resistance to wear. Ideal for rougher
applications with rotary burrs with 6–10 mm
head diameters.

The SARD or SARH models are fitted with
double bearing sets and are designed for
rough applications.
Available with a rotary valve or lever valve.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65

Collet wrench,
size 11+14
Order no. 007 899 747

Optional accessories

Vario-holder
Order no. 007 012 848



Connection set for
SRD/SRH 8-30/2
Order no. 007 899 102
(incl. hose unit)

Connection set for
SARD/SARH 830
Order no. 007 899 101
(incl. hose unit)
For details, see page 64



Hose unit for
SRD / SRH 8-30/2
Order no. 001 366 577



Hose unit for
SARD / SARH 830
Order no. 001 366 505



Speed [rpm]: 30,000
Power [watts]: 240

SBRD 830 HEAVY DUTY
Order no. 150 012 022
SBRH 830 HEAVY DUTY
Order no. 150 012 032

More control over large components in
two-hand operation. Double bearing set for
extremely rough applications. Available with
a rotary valve or lever valve.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65

Collet wrench,
size 11+14
Order no. 007 899 747

Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 101
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 505



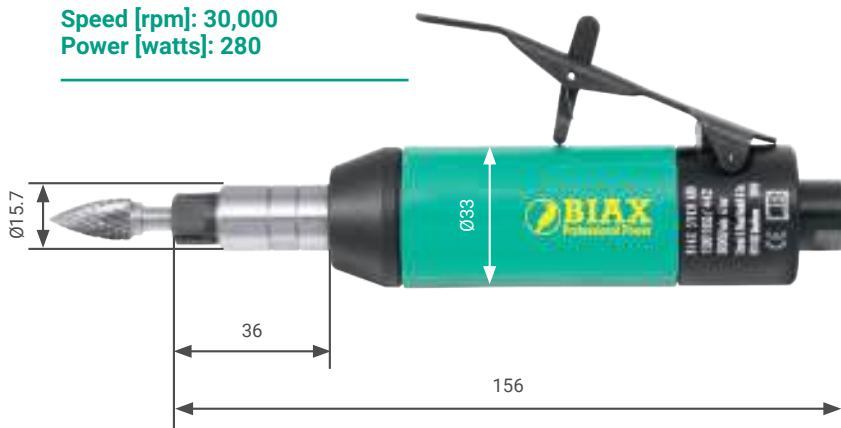
Please operate with 2–3 drops
of oil per minute at 6 bar.

Model	SRD 6-45/2 / SRH 6-45/2	SRD 6-45/2 SL / SRH 6-45/2 SL	SRD 3-45/2	SRD 8-30/2 / SRH 8-30/2	SARD 830 / SARH 830	SBRD 830 / SBRH 830
Valve	Rotary valve / Lever valve	Rotary valve / Lever valve	Rotary valve	Rotary valve / Lever valve	Rotary valve / Lever valve	Rotary valve / Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards	backwards
Front bearing set	single	floating	single	single	paired	paired
Speed [rpm]	45,000	45,000	45,000	30,000	30,000	30,000
Power [watts]	260	260	260	260	240	240
Air consumption [l/min]	450	450	450	450	400	400
Noise level [dB(A)]	76	76	69	76	75	75
Weight [g]	310 / 360	590 / 610	310	370 / 410	500 / 520	720 / 750
Max. tool shank diam. [mm]	6	6	3	8	8	8
Max. tool Ø [mm] Carbide tools	8	8	6	10	10	10

Please follow the specifications provided by the abrasive tool manufacturers.



Speed [rpm]: 30,000
Power [watts]: 280



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 110
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 502



SVKH 630 Order no. 150 011 850

Compact and lightweight thanks to its short design, with a high-performance motor. Flexible hose, exhaust air directed forward.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes,
see page 65



Collet wrench,
size 11+14
Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 30,000
Power [watts]: 260

VIBRATION-DAMPED



Please operate with 2–3 drops of oil per minute at 6 bar.

SRD 8-30/2 SL Order no. 150 010 922 SRH 8-30/2 SL Order no. 150 010 926

Like SRD/SRH 8-30/2, but with a floating bearing set for absorbing impacts and minimising vibrations. Prevents machining marks and creates an outstanding surface quality. Gentle on the tool and on your wrist.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes,
see page 65



Collet wrench,
size 11+14
Order no. 007 899 747



Optional accessories

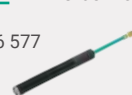
Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 102
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 577



Speed [rpm]: 30,000
Power [watts]: 200

Please operate with 2–3 drops of oil per minute at 6 bar.

SRD 6-30/2 Order no. 150 011 520 SRH 6-30/2 Order no. 150 011 510

Narrower and more lightweight than SRD/SRH 8-30/2, with an ergonomic grip. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65



Collet wrench,
size 9+11
Order no. 007 899 874



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 102
(incl. hose unit)
For details, see page 64



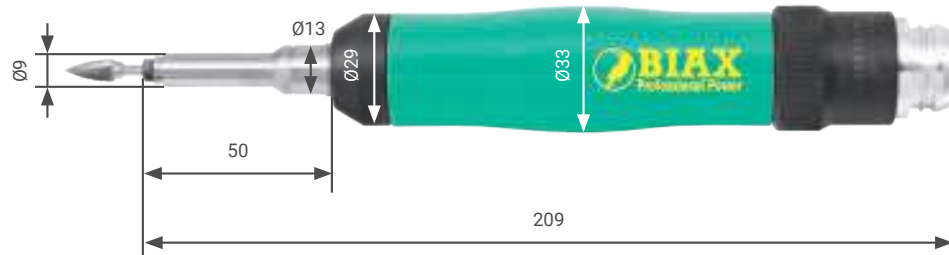
Hose unit
Order no. 001 366 577



Special oil for all machines that require oiled compressed air. Order no. 001 365 665 1.0 l // order no. 001 365 605 5.0 l



Speed [rpm]: 30,000
Power [watts]: 200



Equipped with **ULTIMATE**
precision collet as standard!

Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 102
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 577



SRD 3-30/2 Order no. 150 011 522

Like SRD/SRH 6-30/2, but with a long, thin tool spindle. This allows you to place the tool flat or operate in hard-to-reach areas. Ideal for spot-grinding and reworking of moulds and tools.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65



Collet wrench,
size 6+8
Order no. 007 899 751



 Please operate with 2–3 drops of oil per minute at 6 bar.

THE ANTI-VIBRATION SYSTEM FROM BIAx WITH FLOATING BEARING SETS

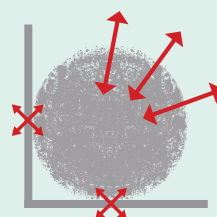
Grinders with conventional bearings

Impacts and vibrations are not damped.



Grinders with floating bearing sets

No impacts, no vibrations, clean surface, ideal for working on weld seams.



If the rotary burr is in contact with the component at multiple points simultaneously or if the rotary burr's contact surface with the component is too large, vibrations and impacts occur.



Note: Achieve perfect results with BIAx carbide burs. See our catalogue of carbide tools.
For further accessories, see the accessories catalogue.

Model	SVKH 630	SRD 8-30/2 SL / SRH 8-30/2 SL	SRD 6-30/2	SRH 6-30/2	SRD 3-30/2
Valve	Lever valve	Rotary valve / Lever valve	Rotary valve	Lever valve	Rotary valve
Exhaust air direction	forwards	backwards	backwards	backwards	backwards
Front bearing set	single	floating	double	double	double
Speed [rpm]	30,000	30,000	30,000	30,000	30,000
Power [watts]	280	260	200	200	200
Air consumption [l/min]	420	450	350	350	350
Noise level [dB(A)]	82	76	74	74	74
Weight [g]	360	500 / 540	335	390	345
Max. tool shank diam. [mm]	8	8	6	6	3
Max. tool Ø [mm]					
Carbide tools	10	10	8	8	6

Please follow the specifications provided by the abrasive tool manufacturers.



Speed [rpm]: 20,000
Power [watts]: 300



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 578



SRD 8-20/2
Order no. 150 020 700
SRH 8-20/2
Order no. 150 020 800

Basic model of the grinder with 20,000 rpm. Even bigger, wider and stronger for even more rugged work. Suitable for larger rotary burrs with a head diameter of up to 12 mm. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65



Collet wrench,
size 11+14
Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 20,000
Power [watts]: 300

VIBRATION-DAMPED



Optional accessories

Vario-holder
Order no. 007 012 848



Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 578



SRD 8-20/2 SL
Order no. 150 020 705
SRH 8-20/2 SL
Order no. 150 020 805

Like SRD/SRH 8-20/2, but with a floating bearing set for absorbing impacts and minimising vibrations. Prevents machining marks and creates an outstanding surface quality. Gentle on the tool and on your wrist.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65

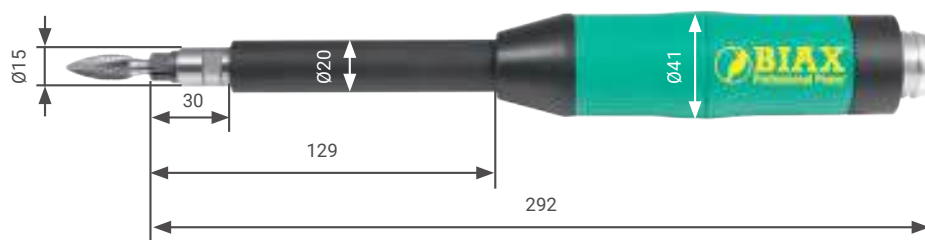


Collet wrench,
size 11+14
Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 20,000
Power [watts]: 300



Optional accessories

Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 578



SRD 8-20/2 L 100 / or L 200
Order no. 150 020 710 /
or 150 020 720
SRH 8-20/2 L 100 / or L 200
Order no. 150 020 810 /
or 150 020 820

Like SRD/SRH 8-20/2, but extended by 100 cm or 200 cm. Suitable for work on hard-to-reach areas.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65



Collet wrench,
size 11+14
Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.



Speed [rpm]: 20,000
Power [watts]: 310



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 101
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 505



SARD 820 HEAVY DUTY
Order no. 150 021 105
SARH 820 HEAVY DUTY
Order no. 150 021 125

One-hand machine with double bearing set for extreme applications. The centrifugal governor ensures a constant speed under different loads and acts as a power reserve. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 7 / 6 mm
 Order no. 001 999 981
 For other sizes, see page 65



Collet wrench,
 size 11+14
 Order no. 007 899 747



 **Please operate with 2–3 drops of oil per minute at 6 bar.**

BIAX
 Hartmetallwerkzeuge



CARBIDE TOOLS

Reduce costs with the right combination of rotary burr and grinder

TCB 1206-63



TCC 0806-63



TCD 1206-63



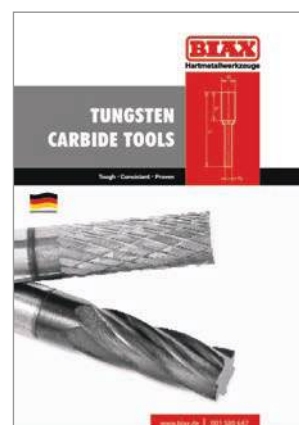
TCF 1206-63



TCG 1216-03



To the catalogs:



Smoothing weld seams? Working with extremely greasy aluminum? Or particularly rough applications with extremely high material removal?

The key to optimal results lies in the right combination of carbide burr and pneumatic tool. However, to truly determine the best setup, a practical test is almost unavoidable.

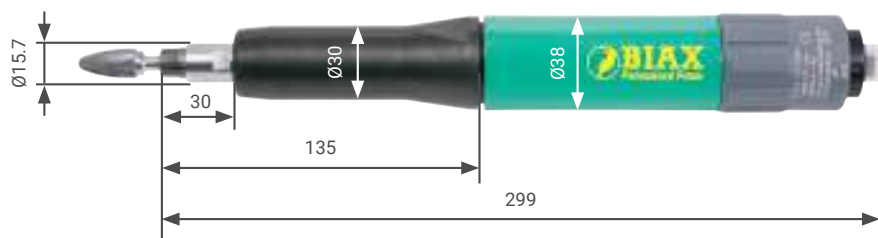
Let us advise you!

Model	SRD 8-20/2 / SRH 8-20/2	SRD 8-20/2 SL / SRH 8-20/2 SL	SRD 8-20/2 L100 / SRH 8-20/2 L100	SRD 8-20/2 L200 / SRH 8-20/2 L200	SARD 820 / SARH 820
Valve	Rotary valve / lever valve	Rotary valve / lever valve	Rotary valve / lever valve	Rotary valve / lever valve	Rotary valve / lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards
Front bearing set	single	floating	elastic	elastic	double
Speed [rpm]	20,000	20,000	20,000	20,000	20,000
Power [watts]	300	300	300	300	310
Air consumption [l/min]	500	500	500	500	500
Noise level [dB(A)]	74	74	74	74	73
Weight [g]	570 / 620	630 / 680	750 / 790	940 / 980	770 / 830
Max. tool shank diam. [mm]	8	8	8	8	8
Max. tool Ø [mm]					
Carbide tools	12	12	12	12	12

Please follow the specifications provided by the abrasive tool manufacturers.



Speed [rpm]: 20,000
Power [watts]: 310



Optional accessories

Connection set
Order no. 007 899 101
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 505



SBRD 820 HEAVY DUTY
Order no. 150 021 135
SBRH 820 HEAVY DUTY
Order no. 150 021 115

More control over large components in two-hand operation. The double bearing set makes it suitable for extreme applications. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65

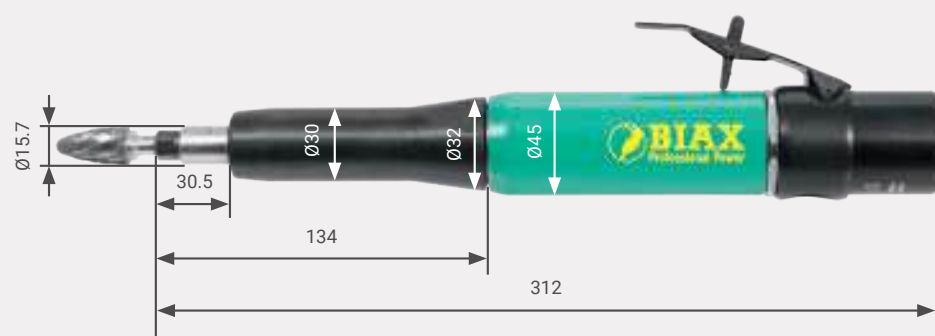


Collet wrench,
size 11+14
Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 18,000
Power [watts]: 550



Optional accessories

Connection set
Order no. 007 899 105
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 528



SBRH 818 HEAVY DUTY
Order no. 150 021 210

Most powerful, high-torque BIAX two-handed grinder with double bearing set for the toughest applications.

Included accessories

Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65



Collet wrench,
size 11+14
Order no. 007 899 747

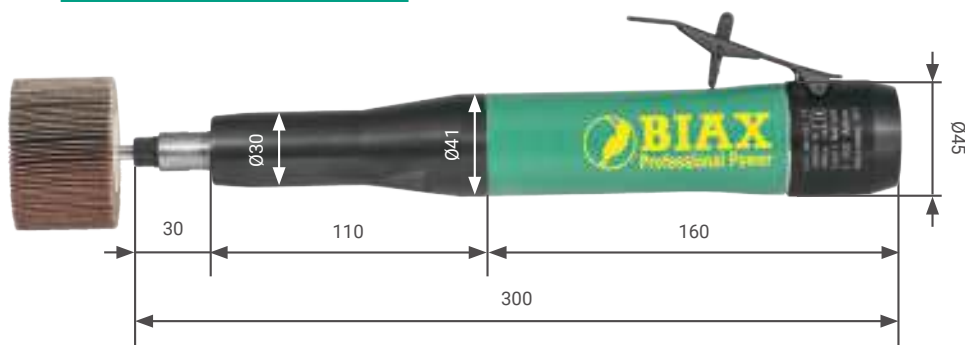


Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 12,000
Power [watts]: 300 / 200



Please operate with 2–3 drops of oil per minute at 6 bar.



Optional accessories

Connection set
Order no. 007 899 103 (SBRD 8-12/2)
Order no. 007 899 109 (SBRH 8-12/2)
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 578 (SBRD 8-12/2)
Order no. 001 366 580 (SBRH 8-12/2)



SBRD 8-12/2 (rotary valve) HEAVY DUTY
Order no. 150 020 750
SBRH 8-12/2 (lever valve) HEAVY DUTY
Order no. 150 020 770

Speed and power are ideal for achieving high material removal rates during brushing, grinding, and milling — especially over large areas with large tools. Thanks to its extended design and exceptionally stable bearing support, this machine offers excellent control and delivers outstanding results. The centrifugal governor ensures that the SBRD 8-12/2 has extremely low air consumption, dropping to approximately 120 l/min when idling.

Included accessories

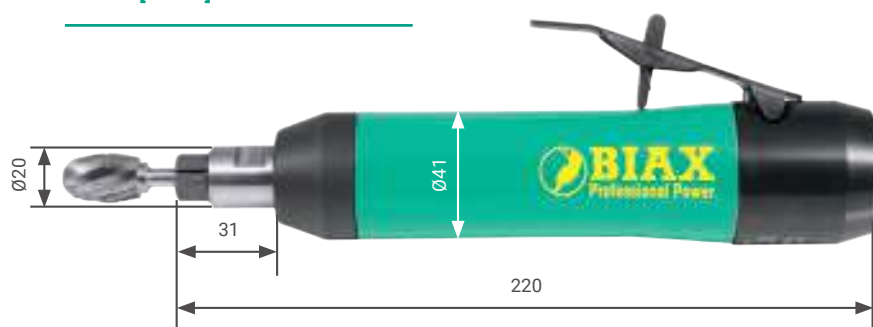
Collet ZG 7 / 6 mm
Order no. 001 999 981
For other sizes, see page 65



Collet wrench,
size 11+14
Order no. 007 899 747



Speed [rpm]: 12,000
Power [watts]: 400



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 109
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 580



SRH 10-12/2 Order no. 150 010 950

High performance at lower speeds.
 SRH 10-12 is ideal for the use of brushes.

Included accessories

Collet ZG 8 / 6 mm
 Order no. 001 999 977
 For other sizes, see page 65

Collet wrench,
 size 14+17
 Order no. 007 899 721



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 10,000
Power [watts]: 280



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 101
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 505



SRH 8-10 Order no. 150 010 980

Smaller and lighter, with a slightly reduced speed. Ideal for lighter work using brushes and fan grinders, as well as for polishing.

Included accessories

Collet ZG 7 / 6 mm
 Order no. 001 999 981
 For other sizes, see page 65

Collet wrench,
 size 11+14
 Order no. 007 899 747



Please operate with 2–3 drops of oil per minute at 6 bar.

Model	SBRD 820 / SBRH 820	SBRH 818	SBRD 8-12/2 / SBRH 8-12/2	SRH 10-12/2	SRH 8-10
Valve	Rotary valve / lever valve	Lever valve	Rotary valve / lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards
Front bearing set	double	double	double	single	double
Speed [rpm]	20,000	18,000	12,000	12,000	10,000
Power [watts]	310	550	300 / 400	400	280
Air consumption [l/min]	500	750	400 / 850	700	300
Noise level [dB(A)]	73	79	65 / 77	79	67
Weight [g]	1040 / 1100	1440	1040 / 1268	960	645
Max. tool shank diam. [mm]	8	8	8	10	8
Max. tool Ø [mm]					
Carbide tools	12	15	15	15	16

Please follow the specifications provided by the abrasive tool manufacturers.



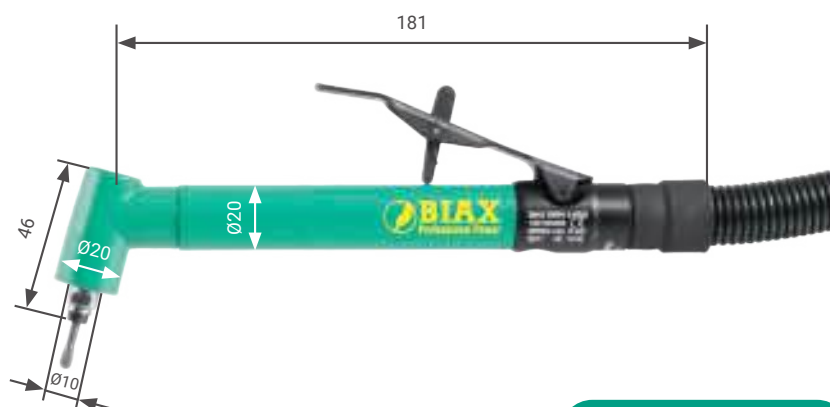
04 Angle grinders



We offer a wide range of angle grinders, featuring models with different performance levels, speeds, sizes and lengths. From the smallest model of angle grinder designed for precision grinding work to large machines with grinding discs for steel construction, our range has something for everyone. Angle grinders are particularly suitable for machining surfaces or hard-to-access areas that cannot be reached with a straight grinder.



Speed [rpm]: 85,000
Power [watts]: 100



Optional accessories

Connection set
Order no. 007 899 116
(incl. hose unit)
For details, see page 64



Equipped with ULTIMATE
precision collet as standard!

WRD 3-85/2
Order no. 150 100 315
WRH 3-85/2
Order no. 150 100 305

Small, lightweight and convenient. The drive is integrated in the angled head, with no gear unit, making the tool more stable and resistant to wear. Perfect for carrying out work on hard-to-reach areas. Available with a rotary or lever valve.

Included accessories

Collet ZG 5 / 3 mm
Order no. 001 999 985
For other sizes, see page 65

Collet wrench,
size 6+8
Order no. 007 899 751

Hose unit
Order no. 001 366 595



Please operate with 2–3 drops
of oil per minute at 6 bar.

Speed [rpm]: 28.000
Power [watts]: 150



NEW

Optionales Zubehör

Connection set
Order no. 007 899 116
(excl. hose unit)
For details, see page 64



Conversion kit for belt grinder
type HB 3 (see page 34)
Order No. 007 015 447

WRH 28 S
Order no. 150 122 300

The new mini angle grinder is small, lightweight, and low-maintenance. It features an extremely light, quiet and ergonomic direct drive without an angle gearbox, making it ideal for fine grinding and deburring tasks with grinding discs of Ø 25 mm and Ø 38 mm. The grinding discs can be easily attached to the matching rubber support pad – no tools required.

Enthaltenes Zubehör

Rubber backing pad for Ø 25 mm
Order No. 001 622 102

Rubber backing pad for Ø 38 mm
Order No. 001 622 114

Grinding disc Ø 25 mm grit 80
Order No. 001 622 112

Grinding disc Ø 38 mm grit 120
Order No. 001 622 125

Hose unit
Order no. 001 367 524



Please operate with 2–3 drops
of oil per minute at 6 bar.



To the catalogs:



Note: Achieve perfect results with our grinding discs. See the BIAX accessories catalogue.

Special oil for all machines that require oiled compressed air. Order no. 001 365 665 1.0 // order no. 001 365 605 5.0 I



Speed [rpm]: 20,000
Power [watts]: 300



Optional accessories

Connection set
 Order no. 007 899 103
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 578



WRD 6-20/3Z
Order no. 150 123 475
WRH 6-20/3Z
Order no. 150 123 485

Powerful and durable. With a double bearing set and a robust gear unit in the angled head. Numerous tools can be used thanks to the collet system. Available with a rotary valve or lever valve.

Included accessories

Collet ZG 4 / 6 mm
 Order no. 001 999 990
 For other sizes, see page 65

Collet wrench,
 size 9+11
 Order no. 007 899 874



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 20,000
Power [watts]: 300



Optional accessories

Connection set
 Order no. 007 899 103
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 578



Cutting disc 7.6x2.0x10
 for steel, stainless steel, and
 cast iron
 Order No. 001 451 713

WRD 10-20/3S
Order no. 150 123 455
WRH 10-20/3S
Order no. 150 123 465

Like WRD/WRH 6-20/3Z, but with an M10 fitting. Perfect for rough plastering and cutting work.
 Maximum tool diameter: 75 mm.

Included accessories

Single open-end spanner, 17 mm

Grinding wheel A24/30P for
 steel, stainless steel, and
 cast iron
 Order No. 001 451 606

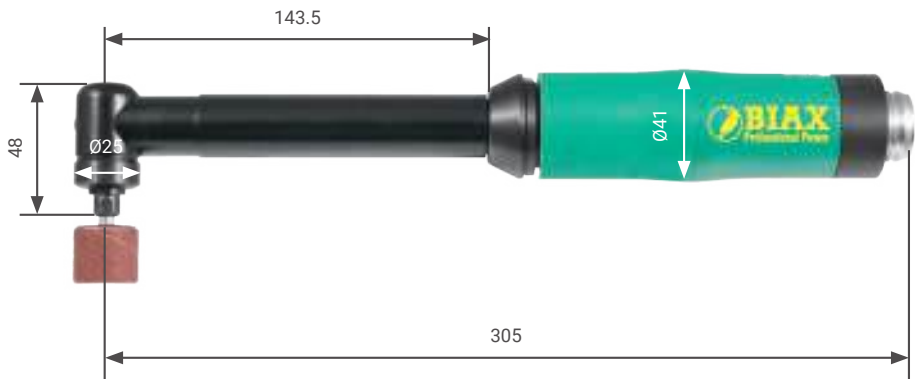
Please operate with 2–3 drops of oil per minute at 6 bar.

Model	WRD 3-85/2	WRH 3-85/2	WRH 28 S	WRD 6-20/3Z	WRH 6-20/3Z	WRD 10-20/3S	WRH 10-20/3S
Valve	Rotary valve	Lever valve	Lever valve	Rotary valve	Lever valve	Rotary valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards	backwards	backwards
Front bearing set	pair	pair	pair	pair	pair	pair	pair
Speed [rpm]	85,000	85,000	28,000	20,000	20,000	20,000	20,000
Power [watts]	100	100	150	300	300	300	300
Air consumption [l/min]	170	170	300	500	500	500	500
Noise level [dB(A)]	74	74	73	78	78	78	78
Weight [g]	260	230	350	730	770	880	920
Max. tool shank diam. [mm]	3	3	¼-20 UNC	6	6	M10	M10
Max. tool Ø [mm]							
Carbide tools	4	4	-	12	12	-	-
Mounted points	6						

Please note the information from the grinding tool manufacturer.



Speed [rpm]: 20,000
Power [watts]: 300



WRD 6-20/2 ZL 90
Order no. 150 123 430
WRH 6-20/2 ZL 90
Order no. 150 123 440

Small 90° angled head with extended neck. Suitable for work on hard-to-reach areas. Numerous tools can be used thanks to the collet system. Available with a rotary or lever valve.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65

Collet wrench,
size 9+11
Order no. 007 899 874



Please operate with 2–3 drops of oil per minute at 6 bar.

Optional accessories

Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 578



Speed [rpm]: 20,000
Power [watts]: 300



WRD 6-20/2 ZL 45
Order no. 150 123 490
WRH 6-20/2 ZL 45
Order no. 150 123 500

Like WRD/WRH 6-20/2 ZL 90, but with a 45° angled head.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65

Collet wrench,
size 9+11
Order no. 007 899 874



Please operate with 2–3 drops of oil per minute at 6 bar.

Optional accessories

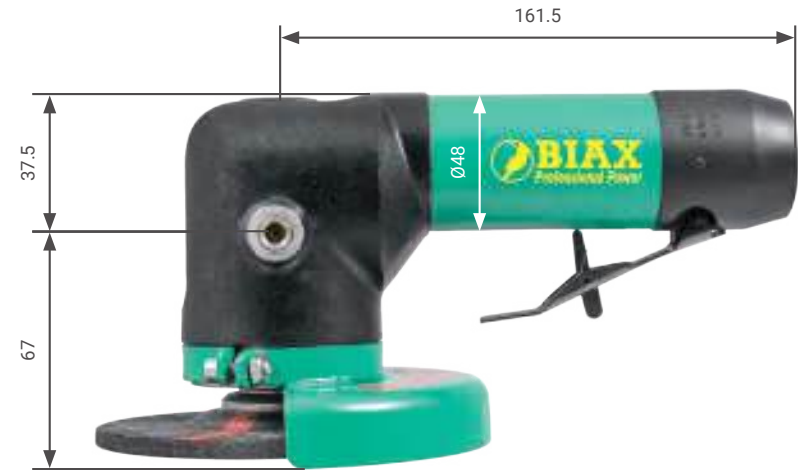
Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 366 578



Speed [rpm]: 13,000
Power [watts]: 600



Optional accessories

Connection set
Order no. 007 899 109
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 580



Note: Achieve perfect results with our grinding discs. See the BIAX accessories catalogue.

To the catalogs:



Model	WRD 6-20/2 ZL 90	WRH 6-20/2 ZL 90	WRD 6-20/2 ZL 45	WRH 6-20/2 ZL 45	WRH 14-13/2
Valve	Rotary valve	Lever valve	Rotary valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards
Front bearing set	single	single	single	single	single
Speed [rpm]	20,000	20,000	20,000	20,000	13,000
Power [watts]	300	300	300	300	600
Air consumption [l/min]	500	500	500	500	700
Noise level [dB(A)]	78	78	78	78	80
Weight [g]	930	960	940	980	1760
Max. tool shank diam. [mm]	6	6	6	6	M14 / 22,23
Max. tool Ø [mm]					
Carbide tools	10	10	10	10	-

Please follow the specifications provided by the abrasive tool manufacturers.

WRH 14-13/2
Order no. 150 912 010

The most powerful BIAX angle grinder. The drive is integrated in the angled head, with no gear unit, making the tool more stable and resistant to wear. Perfect for rough machining and for rough work in steel structures.

Maximum tool diameter: 115 mm

Included accessories

Assembly spanner
Hand grip

Grinding disc for steel
Order no. 001 451 603

Please operate with 2–3 drops of oil per minute at 6 bar.



05 Belt sanders



Our belt grinders are extremely robust and durable. In particular, the highly stressed guide rollers are of uncompromising top quality. All models offer excellent belt tracking, and there are grinding arms available for all common applications, along with matching high-quality abrasive belts. In general, belt grinders are used for finer and more surface-oriented applications: they provide better control over material removal and deliver more even results. In addition, they allow for direct surface processing.



Speed [rpm]: 28,000
Power [watts]: 150



HB 3
Order no. 150 122 200

The new mini belt sander is small, lightweight, and low-maintenance. It features an extremely light, quiet, and powerful motor with direct drive, eliminating the need for an angle gearbox. This makes it ideal for deburring and finishing aluminum and steel components. The sanding arm can be changed without the use of tools.



Optional accessories

Connection set
Order no. 007 899 117
(incl. hose unit)
For details, see page 64



Hose unit
Order no.
001 367 524



Conversion kit for angle grinder
type WRH 28 S (see page 28)
Order No. 007 015 448



Please operate with 2–3 drops
of oil per minute at 6 bar.

Grinding arms for HB 3					
	Roller	Rollers Ø / width	Belt width	Model	Order no.
	Steel (straight)	8 mm / 9 mm	6 + 12	HB 3 12 A	150 122 250
	Rubber (straight)	16 mm / 3 mm	3 + 6	HB 3 6 B	150 122 260
	Rubber (straight)	16 mm / 9 mm	6 + 12	HB 3 12 B	150 122 270
	Rubber (straight)	16 mm / 9 mm	6 + 12	HB 3 12 BL	150 122 275
	Rubber (angled)	25 mm / 9 mm	6 + 12	HB 3 12 C	150 122 280

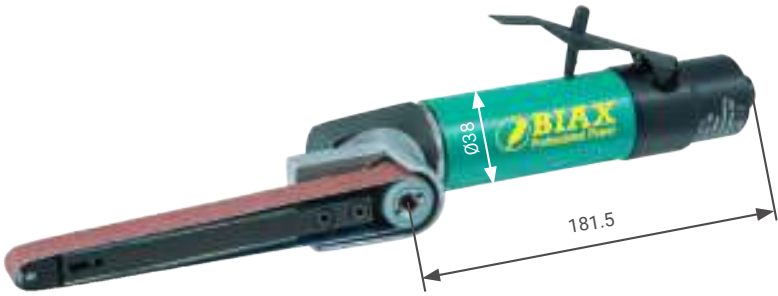


	Standard corundum				Ceramic grit+		Abrasive non-woven	
Width x Length [mm]	3 x 305	6 x 305	12 x 305	12 x 370	6 x 305	12 x 305	6 x 305	12 x 305
Order No. Grit 60	001 621 100	001 621 104	001 621 108	001 620 580	001 622 272	001 622 274	-	-
Order No. Grit 120	001 621 101	001 621 105	001 621 109	001 620 581	001 622 273	001 622 275	medium 001 622 276	medium 001 622 278
Order No. Grit 180	001 621 102	001 621 106	001 621 110	-	-	-	fine 001 622 277	fine 001 622 279
Order No. Grit 240	001 621 103	001 621 107	001 621 111	-	-	-	-	-

Minimum order quantity 10 pieces



Speed [rpm]: 20,000
Power [watts]: 250



HB 15-1
Order no. 150 123 645

Compact belt grinder for belt widths of 8 and 15 mm. Long grinding arm available for 475 mm sanding belts.

Included accessories

Assembly spanner
Sanding belt 330 x 15 (grit size 120)
Sanding belt 330 x 8 (grit size 120)

Please operate with 2–3 drops of oil per minute at 6 bar.

Optional accessories

Connection set
Order no. 007 899 101
(incl. hose unit)
For details, see page 64



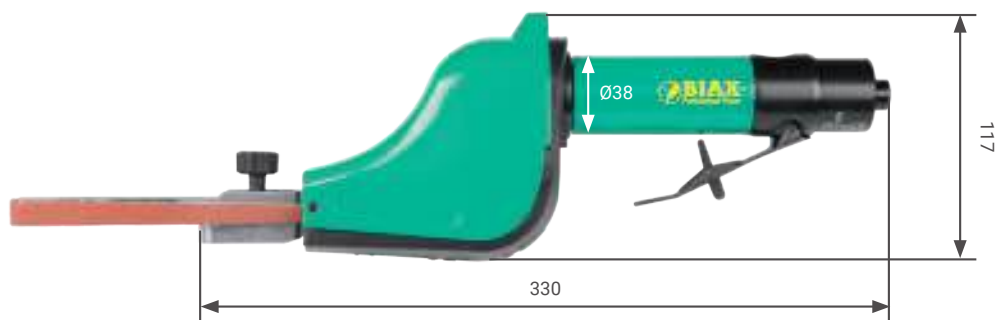
Hose unit
Order no.
001 366 505



Grinding arms for HBH 15-1					Sanding belts		
	Roller Ø / width	Belt width	Model	Order no.	Length x width	Grit	Order no.
Steel roller (straight)	11 mm / 5 mm	8	8 A-1	150 122 020	330 x 8	60	001 620 509
Glide lining				003 006 207	330 x 8	120	001 620 511
					330 x 8	180	001 620 512
					330 x 8	240	001 620 513
Steel roller (straight)	11 mm / 12 mm	15	15 A-1	150 122 120	330 x 15	60	001 620 508
Glide lining				003 006 205	330 x 15	120	001 620 516
					330 x 15	180	001 620 517
					330 x 15	240	001 620 518
Steel roller (angled)	11 mm / 12 mm	15	15 C-1	150 122 320	330 x 15	60	001 620 508
Glide lining				003 006 205	330 x 15	120	001 620 516
					330 x 15	180	001 620 517
					330 x 15	240	001 620 518
Steel roller long version (straight)	11 mm / 12 mm	15	15 AL-1	150 122 520	475 x 15	60	001 620 572
Glide lining				003 006 206	475 x 15	120	001 620 573
					475 x 15	180	001 620 574
					475 x 15	240	001 620 575



Speed [rpm]: 20,000
Power [watts]: 250



HB 12 S

Order no. 150 123 105

Very good belt guiding mechanism thanks to the high tension. This improves control and makes it suitable for use in tough conditions. The hand grip can be rotated 360°. For belt widths from 6 and 12 mm.

Included accessories

Assembly spanner



Please operate with 2–3 drops of oil per minute at 6 bar.

Optional accessories

Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



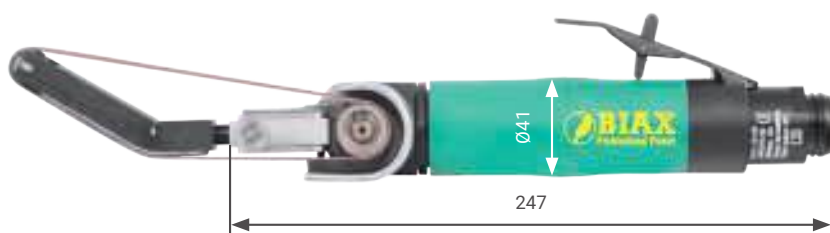
Hose unit
Order no.
001 366 505



Grinding arms for HB 12 S					Sanding belts		
Roller	Rollers Ø / width	Belt width	Model	Order no.	Length x width	Grit size	Order no.
Rubber	16 mm / 3 mm	6	HB 6163	150 123 320	610 x 6	60	001 620 559
Slide lining, medium hardness				001 610 413	610 x 6	120	001 620 561
Slide lining, soft				001 610 412	610 x 6	180	001 620 562
					610 x 6	240	001 620 570
Rubber	25 mm / 9 mm	6	HB 6259	150 123 330	610 x 6	60	001 620 559
				-	610 x 6	120	001 620 561
				-	610 x 6	180	001 620 562
					610 x 6	240	001 620 570
Steel	8 mm / 9 mm	12	HB 1289	150 123 310	610 x 12	60	001 620 565
Slide lining, medium hardness				001 610 414	610 x 12	120	001 620 567
					610 x 12	180	001 620 568
					610 x 12	240	001 620 571
Rubber	16 mm / 9 mm	12	HB 12169	150 123 300	610 x 12	60	001 620 565
Slide lining, medium hardness				001 610 413	610 x 12	120	001 620 567
Slide lining, soft				001 610 412	610 x 12	180	001 620 568
					610 x 12	240	001 620 571
Rubber	18 mm / 12 mm	12	HB 121812	150 123 340	610 x 12	60	001 620 565
Slide lining, medium hardness				001 610 413	610 x 12	120	001 620 567
Slide lining, soft				001 610 412	610 x 12	180	001 620 568
					610 x 12	240	001 620 571



Speed [rpm]: 20,000
Power [watts]: 300



Optional accessories

Connection set
 Order no. 007 899 103
 (incl. hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 578



HBH 200

Order no. 150 123 770

Highly convenient, tool-free arm and belt changing, easy belt running adjustment. The grinding arms can be swivelled by 360°. For belt widths of 8, 15 and 20 mm.

Included accessories

Assembly spanner

Please operate with 2–3 drops of oil per minute at 6 bar.



Grinding arms for HBH 200				Sanding belts		
Roller Ø	14.0 mm	14.0 mm	14.0 mm	Length x width	Grit size	Order no.
Width	4.5 mm	11.5 mm	15.5 mm			
	S 8 B	S 15 B	S 20 B	330 x 8	60	001 620 509
with straight rubber roller	150 124 875	150 124 880	150 124 885	for	120	001 620 511
Slide lining	003 010 332	003 010 333	003 009 523	S 8 A	180	001 620 512
				S 8 B	240	001 620 513
	S 8 A	S 15 A	S 20 A	330 x 15	60	001 620 508
with straight steel roller	150 124 850	150 124 855	150 124 860	for	80	001 620 515
Slide lining	003 010 332	003 010 333	003 009 523	S 15 A	120	001 620 516
				S 15 B	180	001 620 517
				S 15 C	240	001 620 518
	-	S 15 C	S 20 C	330 x 20	60	001 620 584
angled, with steel roller	-	150 124 865	150 124 870	for	120	001 620 586
Slide lining		003 010 333	003 009 523	S 20 A	180	001 620 790
				S 20 B S 20 C	240	001 620 585

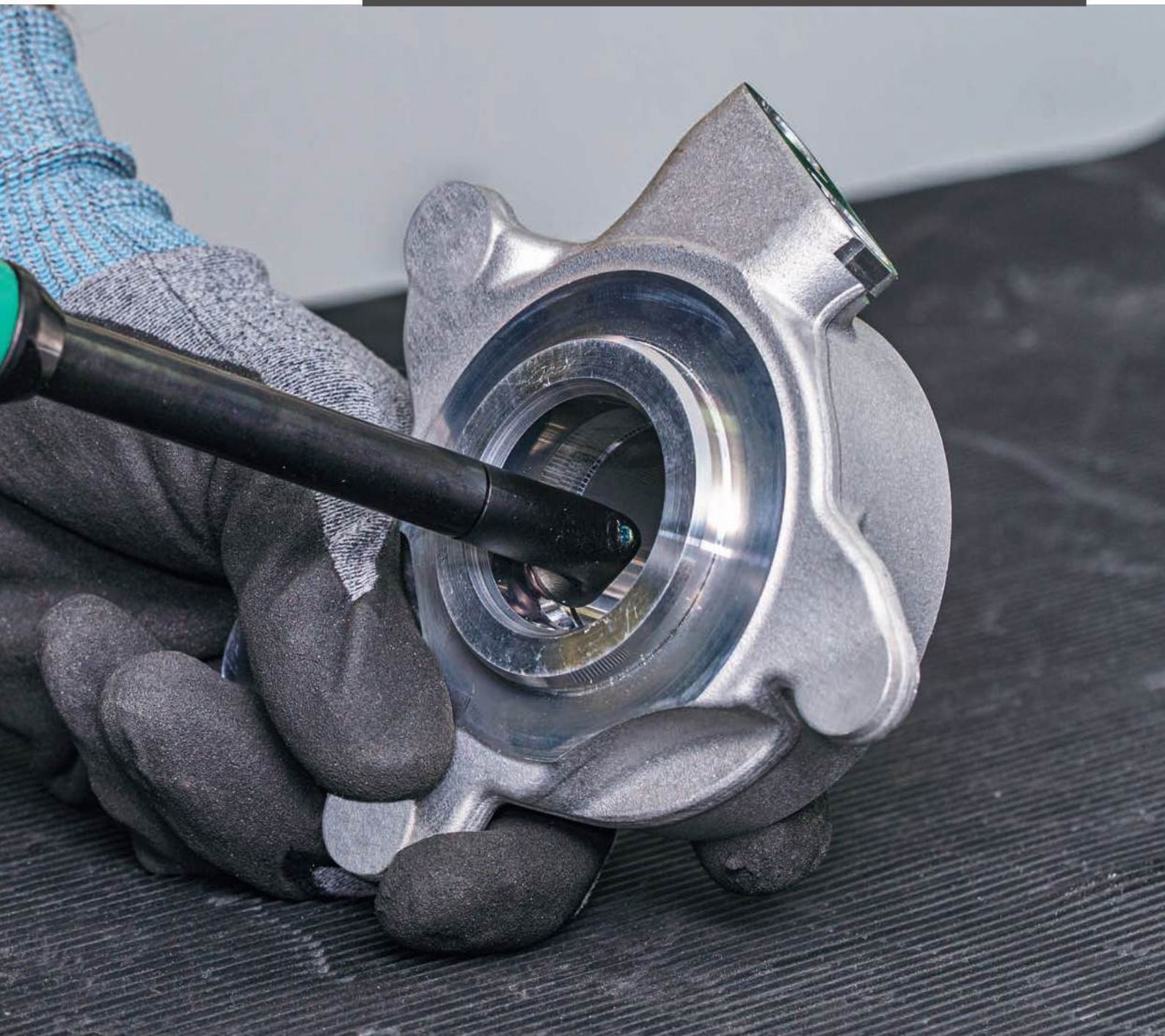


Model	HB 3	HB 15-1	HB 12 S	HBH 200
Valve	Lever valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards
Belt speed [m/s]	30	20	30	45
Power [watts]	150	250	250	300
Air consumption [l/min]	340	500	550	550
Noise level [dB(A)]	73	75	73	79
Weight [g]	500	960	1470	870
Max. belt width [mm]	12	15	12	20

Grinding arm only included with HB 20.



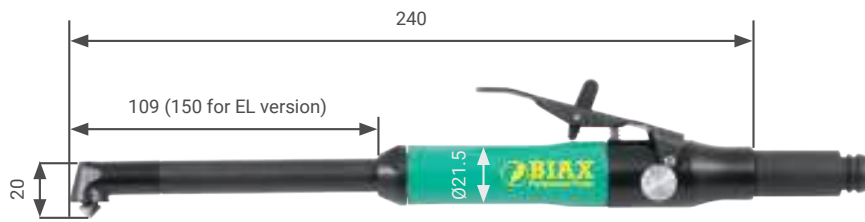
06 Drilling hole deburring tools



For the deburring of drilled holes, BIAx offers a wide range of special machines with angled or straight designs in various sizes and performance levels. The angled drilling hole deburring machines are ideal for deburring internal cross holes. All straight drilling hole deburrers are equipped with a push start feature and a hook so they can be hung up. Compared to battery-powered tools, the pneumatic units are more lightweight and ergonomic, and are more efficient thanks to the push-start feature. Even compared to a machining centre or a floor-standing drill press, our hand-operated tools are more economical.



Speed [rpm]: 0–900
Power [watts]: 20



Optional accessories

HSS countersink Ø 12 mm, for countersinking range / hole Ø 2.5–10 mm / order no. 001 950 297

Carbide countersink Ø 8 mm for countersinking range / hole Ø 2–6 mm / order no. 001 950 299

Special drill Ø 2 mm
Order no. 007 014 142



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64

Special burr, round shape, head-Ø 6 mm
Order no. 001 952 921



BEW 309 E
Order no. 150 800 726
BEW 309 EL 150
on request

Angled drilling hole deburring machine with an extremely small head height of 15 mm (without countersink) thanks to the unique tool holder without collet. It is a lightweight and powerful machine with adjustable speed. Suitable for countersinks, drills and carbide burs with special mounts.

It is ideal for deburring internal cross holes in extremely hard-to-reach areas.

Included accessories

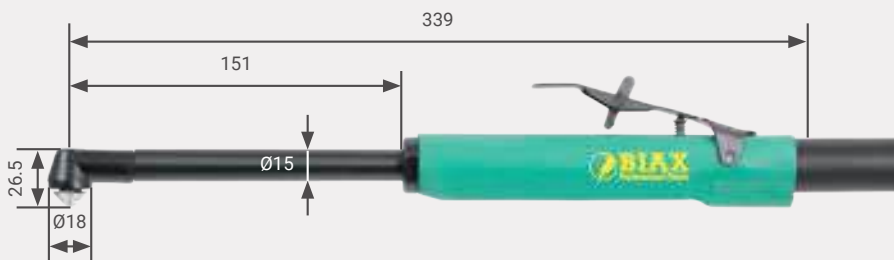
HSS countersink Ø 8 mm for countersinking range / hole Ø 2–6 mm
Order no. 001 950 293

Hose unit
Order no. 001 366 549



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 0–600
Power [watts]: 80



Optional accessories

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BEW 606
Order no. 150 810 925

Angled drilling hole deburring machine with a very small head diameter of 18 mm (without countersink) thanks to the unique tool holder without collet. Speed is adjustable. It has a longer neck and is stronger than BEW 309 E, so it is suitable for larger countersinks and holes. It is ideal for deburring internal cross holes in hard-to-reach areas.

Included accessories

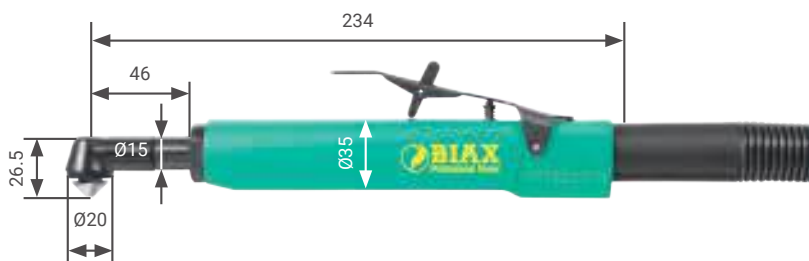
HSS countersink Ø 15 mm
Hexagonal shank 6.3 mm for countersink range / hole Ø 3.5–14 mm
Order no. 001 950 294

Hose unit
Order no. 001 366 548



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 0–600
Power [watts]: 80



Optional accessories

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BEW 606 K
Order no. 150 810 927

Like the BEW 606, but shorter. This machine ensures a better force lever effect when deburring internal cross holes that are not as deep.

Included accessories

HSS countersink Ø 15 mm
Hexagonal shank 6.3 mm for countersink range / hole Ø 3.5–14 mm
Order no. 001 950 294

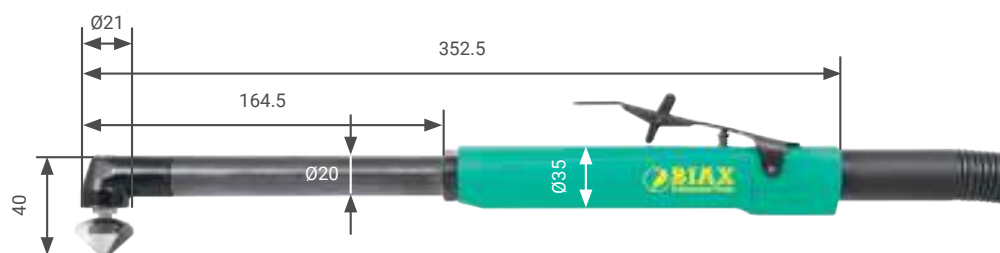
Hose unit
Order no. 001 366 548



Please operate with 2–3 drops of oil per minute at 6 bar.



Speed [rpm]: 0–500
Power [watts]: 80



Optional accessories

HSS countersink Ø 15 mm, for countersinking range / hole Ø 3.5–14 mm
 Order no. 001 950 295



Connection set
 Order no. 007 899 116
 (without hose unit)
 For details, see page 64



HSS countersink Ø 25.5 mm, for countersinking range / Hole Ø 5–24 mm
 Order no. 001 950 296



BEW 605

Order no. 150 810 930

Larger head with collet, as well as a larger and more stable gear unit. Speed is adjustable. Particularly suitable for deburring larger holes.

Included accessories

Collet, 6 mm

Collet wrench

Hose unit
 Order no. 001 366 548



Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 0–500
Power [watts]: 80



Optional accessories

HSS countersink Ø 15 mm, for countersinking range / hole Ø 3.5–14 mm
 Order no. 001 950 295



Connection set
 Order no. 007 899 116
 (without hose unit)
 For details, see page 64



HSS countersink Ø 25.5 mm, for countersinking range / hole Ø 5–24 mm
 Order no. 001 950 296



BEW 605 K

Order no. 150 810 931

Like the BEW 605, but shorter. This machine ensures a better force lever effect when deburring internal cross holes that are not as deep.

Included accessories

Collet, 6 mm

Collet wrench,

Hose unit
 Order no. 001 366 548



Please operate with 2–3 drops of oil per minute at 6 bar.



A complete overview of all countersinks (carbide, HSS, HSSE-Co TiAlN coated, and spiralized) can be found on pages 14-15 of our accessories catalog:



To the catalogs:

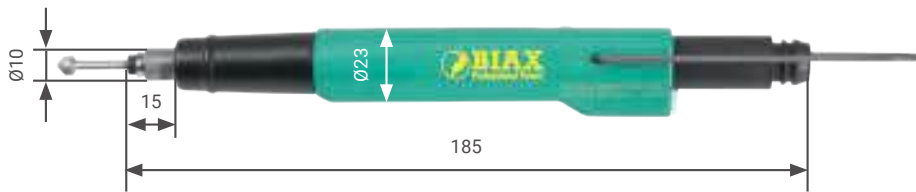


Model	BEW 309 E (BEW 309 EL 150)	BEW 606	BEW 606 K	BEW 605	BEW 605 K	BEW 603*
Valve	Lever valve	Lever valve	Lever valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards	backwards
Speed [rpm]	0–900	0–600	0–600	0–500	0–500	0–300
Power [watts]	20	80	80	80	80	80
Air consumption [l/min]	150	300	300	300	300	300
Noise level [dB(A)]	71	71	71	71	71	71
Weight [g]	240 (260)	810	630	820	620	630
Max. tool shank diam. [mm]	3 (hex)	6.3 (hex)	6.3 (hex)	6	6	6.3 (hex)
Max. hole Ø [mm]	10	14	14	24	24	14
Countersink Ø [mm]	8 / 12	15	15	15 / 25	15 / 25	15
Head height with countersink Ø [mm]	20,0 / 21,5	26,5	26,5	40 / 48	40 / 48	26,5

*BEW 603: Order no. 150 810 926 / hose unit 001 366 548 (incl.)



Speed [rpm]: 0–900
Power [watts]: 20



Equipped with ULTIMATE
precision collet as standard!

Optional accessories

HSS countersink Ø 6.5 mm for countersinking
range / Hole Ø 2–6 mm, order no. 001 950 292



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BE 309 Order no. 150 800 710

Small, lightweight and convenient with
a push-start feature and speed regulation.

Included accessories

Collet ZG 5 / 3mm
Order no. 001 999 985
For other sizes, see page 65

Collet wrench,
size 6+8
Order no. 007 899 751

Hose unit
Order no. 001 366 549



Please operate with 2–3 drops
of oil per minute at 6 bar.



Speed [rpm]: 0–900
Power [watts]: 20



Equipped with ULTIMATE
precision collet as standard!

Optional accessories

HSS countersink Ø 6.5 mm for countersinking
range / Hole Ø 2–5.5 mm, order no. 001 950 292



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BEG 309 Order no. 150 800 745

Like the BE 309, but with the lever valve
(no push start).

Included accessories

Collet ZG 5 / 3mm
Order no. 001 999 985
For other sizes, see page 65

Collet wrench,
size 6+8
Order no. 007 899 751

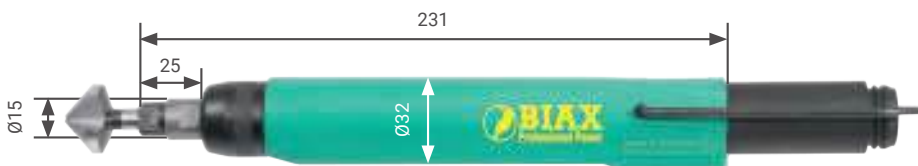
Hose unit
Order no. 001 366 549



Please operate with 2–3 drops
of oil per minute at 6 bar.



Speed [rpm]: 0–500
Power [watts]: 80



Optional accessories

HSS countersink Ø 15 mm for
countersinking range / hole Ø 3.5–14 mm
Order no. 001 950 290

HSS countersink Ø 25 mm for
countersinking range / hole Ø 5–24 mm
Order no. 001 950 291



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BE 805 Order no. 150 810 901

A universal device with push-start
feature and speed regulation. Compact
yet powerful.

Included accessories

Collet ZG 7 / 8mm
Order no. 001 999 980
For other sizes, see page 65

Collet wrench,
size 11+14
Order no. 007 899 747

Hose unit
Order no. 001 366 548



Please operate with 2–3 drops
of oil per minute at 6 bar.



Speed [rpm]: 0–550
Power [watts]: 200

BE 1005
Order no. 150 800 800

The most powerful BIAx drilling hole deburring machine. With a push-start feature and speed regulation. With optional two-handed grip for better manoeuvrability and less strain.



Optional accessories

HSS countersink Ø 30 mm
for countersinking range / hole Ø 6–29 mm
Order no. 001 950 341



Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Included accessories

Collet ZG 8 / 10 mm
Order no. 001 999 975
For other sizes, see page 65

Collet wrench,
size 14+17
Order no. 007 899 721

Hose unit
Order no. 001 366 578



 Please operate with 2–3 drops
of oil per minute at 6 bar.



All straight drilling deburrers can be operated with a spring balancer.

Model	BE 309	BEG 309	BE 805	BE 1005
Valve	Push-start feature	Lever valve	Push-start feature	Push-start feature
Exhaust air direction	backwards	backwards	backwards	backwards
Speed [rpm]	0–900	0–900	0–500	0–550
Power [watts]	20	20	80	200
Air consumption [l/min]	150	150	280	480
Noise level [dB(A)]	71	71	71	78
Weight [g]	180	250	520	920
Max. tool shank diam. [mm]	3	3	8	10
Max. hole Ø [mm]	5.5	5.5	24	29
Countersink Ø [mm]	6	6	15 / 25	30

Spring balancer with steel wire rope

Capacity (kg)	cable length (m)	Order no.
0,3 - 1,5	1,2	001 620 021
0,5 - 2,0	2,0	001 620 022





07 Pneumatic files

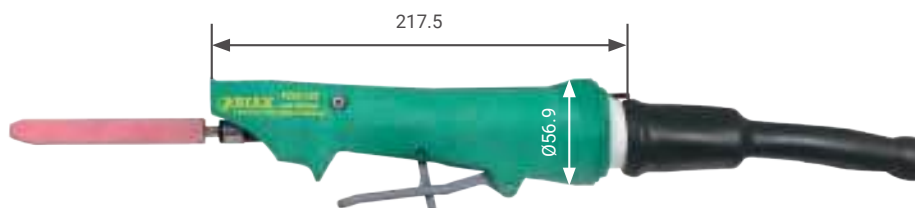


Our range includes files with lengthy and strong strokes for a high level of material removal and for use in tough applications. It also includes machines with particularly high stroke speeds and stroke-length adjustment for polishing and precision deburring. Some files are particularly good at keeping vibrations low, which even makes them suitable for continuous operation without posing any health and safety risks. Our tools are highly versatile and can be used for deburring, polishing or sawing. The BIAx files are manufactured at our Swiss production facility in Thayngen.



Stroke length [mm]: 3–8
Strokes per minute: 12,000

VIBRATION-DAMPED



FLV 8-12 F
Order no. 150 322 874

Vibration-damped machine, ideal for continuous use in polishing or deburring. Stroke length adjustable. Exhaust direction can be changed to blow grinding dust forward.

Included accessories

Plastic case

5 different files +
polishing instrument

Tool holder
3, 4 and 6 mm

Counterholder

4 different
saw blades

Air supply hose
Order no. 001 974 552



Optional accessories

Files: all files
with 3 mm, 4 mm
and 6 mm shank
(see page 50/51)
Saw blades
(see page 62)

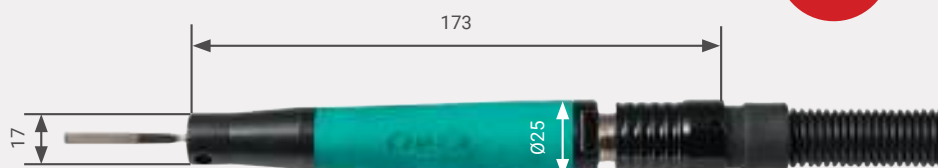
Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



 **Please operate with 1 drop
of oil per minute at 6 bar.**

Stroke length [mm]: 4
Strokes per minute: 9,000

VIBRATION-DAMPED



FLV 4-9
Order no. 150 322 785


Extremely low-vibration machine. Convenient deburring file for small components that have to be held by hand while being deburred. Perfect for applications requiring only very light material removal.

Included accessories

Tool holder, 3 mm

Hexagon spanner, size 2

Air supply hose
Order no. 001 366 595

 **Please operate with 1 drop
of oil per minute at 6 bar.**

Optional accessories

Files: all files
with 3 mm shank
(see page 50/51)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Vario-holder
Order no. 007 012 848



Stroke length [mm]: 0.8
Strokes per minute: 17,000

VIBRATION-DAMPED



FLV 1-20
Order no. 150 322 780

Extremely low-vibration machine. Designed for fine polishing of moulds. High stroke speed combined with short strokes enable controlled machining of surfaces. This reduces the likelihood of damaging the mould. The tool is also suitable for the most delicate deburring work.

Included accessories

- Hexagon spanner, size 2+2,5
- Tool holder, 3 mm
- Polishing stone holder, 3–6 mm
Order no. 001 974 457
- Air supply hose
Order no. 001 366 595

Optional accessories

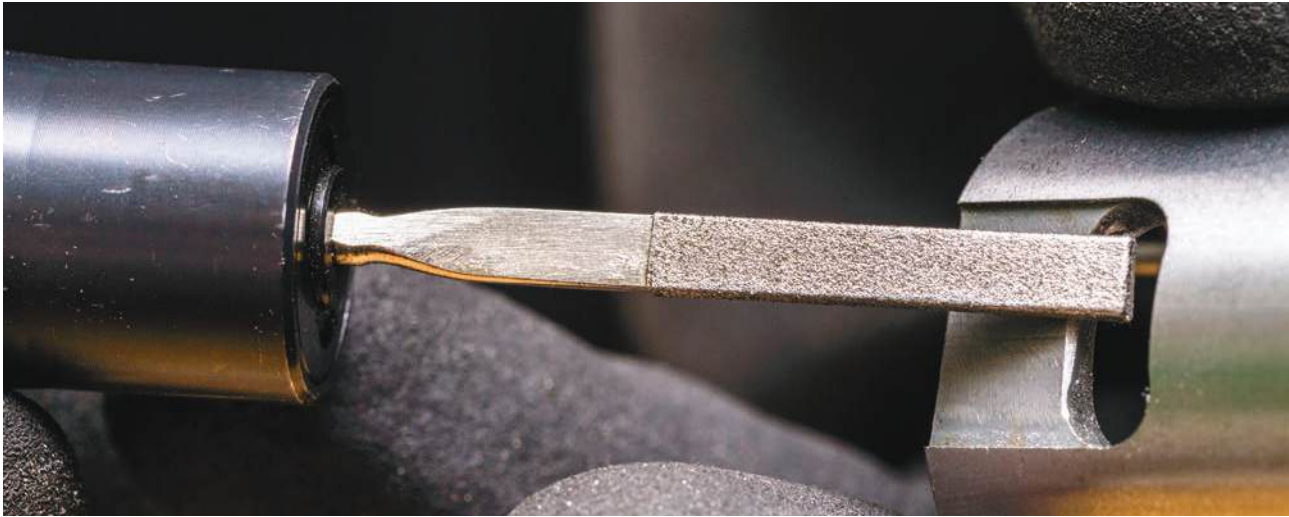
- Files: all files with 3 mm (see page 50/51)
- Polishing stones (see the BIAx accessories catalogue)
- Connection set
Order no. 007 899 116 (without hose unit)
For details, see page 64



- Vario-holder
Order no. 007 012 848



Please operate with 1 drop of oil per minute at 6 bar.



Model	FLV 8-12 F	FLV 4-9	FLV 1-20
Valve	Lever valve	Slide valve	Slide valve
Exhaust air direction	backwards	backwards	backwards
Strokes per minute	12,000	9,000	17,000
Stroke length [mm]	3–8	4	0.8
Air consumption [l/min]	250	80	80
Noise level [dB(A)]	71	66	63
Weight [g]	700	260	260
Max. tool shank diam. [mm]	6	3	3
Integrated tool holder	4 mm	3 mm	3 mm



Stroke length [mm]: 10
Strokes per minute: can be regulated up to 5,500



Optional accessories

Files: all files with 6 mm shank
(see page 50/51)
Saw blades
(see page 62)

Counterholder
(see page 62)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



FR 10-5/2

Order no. 150 930 220

A strong and robust machine with adjustable speed for rough work.

Included accessories

Installation wrench

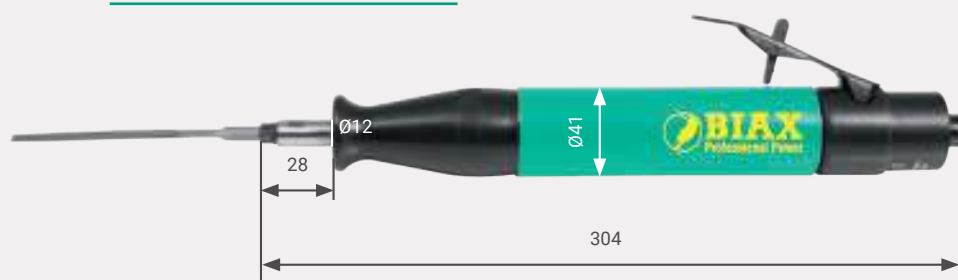
Clamping screw

Hose unit
Order no. 001 964 528



Please operate with 2–3 drops of oil per minute at 6 bar.

Stroke length [mm]: 8
Strokes per minute: 2,000



Optional accessories

Files: all files with 6 mm shank
(see page 50/51)

Connection set
Order no. 007 899 101
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 505



FR 8-2

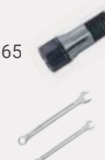
Order no. 150 322 611

The most powerful BIAX file in the range. A constant stroke length even under extreme loads.

Included accessories

Collet ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65

Collet wrench, size 9+11
Order no. 007 899 874



Please operate with 2–3 drops of oil per minute at 6 bar.

Model	FR 10 5/2	FR 8-2	FR 5-8	FR 3-8	FR 5-8 N
Valve	Lever valve	Lever valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards	backwards
Strokes per minute	adjustable up to 5,500	2,000	3,000–8,000	3,000–8,000	3,000–8,000
Stroke length [mm]	10	8	adjustable between 0 and 5	3	5
Air consumption [l/min]	280	310	230	230	230
Noise level [dB(A)]	72	73	72	72	72
Weight [g]	750	1,250	800	750	750
Max. tool shank diam. [mm]	6	6	4	4	4



Stroke length [mm]: adjustable between 1 and 5
Strokes per minute: 3,000–8,000



Optional accessories

Files: all files with 3 mm, 3.8 mm and 4 mm shank
(see page 50/51)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



FR 5-8
Order no. 150 322 830

File with adjustable stroke rate and stroke length. The file holder can be rotated during operation. Constant stroke length even under heavy load.

Included accessories

Installation wrench

Clamping screw

Hose unit
Order no. 001 366 571



 Please operate with 2–3 drops of oil per minute at 6 bar.

Stroke length [mm]: 3 or 5
Strokes per minute: 3,000–8,000



Optional accessories

Files: all files with 3 mm, 3.8 mm and 4 mm shank
(see page 50/51)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



FR 3-8
Order no. 150 322 730
FR 5-8 N
Order no. 150 322 735

Like FR 5-8, but the file holder cannot be rotated and the stroke length is not adjustable. The stroke length is fixed at 3 mm or 5 mm.

Included accessories

Installation wrench

Clamping screw

Hose unit
Order no. 001 366 571



 Please operate with 2–3 drops of oil per minute at 6 bar.

Tool holders



Tool holder for FR 8-12, FLV 8-12, PLF 88, PLF 90, PS 1, PS 8

Tool shank diam. [mm]	3	4	6
Order no.	001 974 430	001 974 411	001 974 443

Counterholder (for use as a saw) – see page 62

Machine files

Files are characterised by very good controllability, which makes them a popular tool for deburring. The different shapes allow precise work on complex and difficult-to-access contours that would not be possible with rotating tools.

Steel files (tool steel 65 HRC)

The size and number of cutting edges are defined by the cut. The softer the material, the better the removal rate with a coarse cut. A finer cut generally results in a better surface finish.

* The marked files are conical (dimensions refer to the widest point).

Applications: Deburring, flat surface material removal

Abrasiveness: ●●○○○

Suitable for: steel, non-ferrous metals, cast iron, stainless steel

Tool life: ●●●○○

Shank: Ø 3 mm



(Suitable with BIAX pneumatic files: FR 3-8, FR 5-8(N), FR 8-12, FLV 8-12, PLF 88, FLV 4-9, FLV 1-20)

Profile						
Dimensions [mm]	7 x 2	6 x 1,5	2,5 x 2,5 *	3,5 x 3,5 *	5,0 x 1,7 *	Ø 3 *
Usable length / total length [mm]	60 / 115	70 / 115	80 / 120	70 / 105	70 / 105	80 / 105
Order no. cut 1 coarse	001 620 844	001 621 833	001 621 835	001 621 834	001 621 837	001 621 836
Order no. cut 3 fine	001 620 843	-	-	-	-	-

Version with extended shank



Dimensions [mm]	-	5,1 x 1,3	2,4 x 2,4 *	3,5 x 3,5 *	5,0 x 1,7 *	Ø 3 *
Usable length / total length [mm]	-	70 / 140	70 / 140	70 / 140	70 / 140	70 / 140
Order no. cut 1 coarse	-	001 621 823	001 621 827	001 621 825	001 621 831	001 621 829
Order no. cut 3 fine	-	001 621 824	001 621 828	001 621 826	001 621 832	001 621 830

Shank: Ø 3,8 mm



(Suitable with BIAX pneumatic files: FR 3-8, FR 5-8(N), FR 8-12, FLV 8-12, PLF 88)

Profile								Feilensatz
Dimensions [mm]	7 x 2	2,8 x 2,8	4,5 x 4,5	6 x 2,5 *	7,5 x 2	Ø 3,5 *		(1 per profile type)
Usable length / total length [mm]	60 / 100	60 / 100	60 / 100	60 / 100	60 / 90	60 / 80		-
Order no. cut 1 coarse	001 620 837	001 620 838	001 620 839	001 620 840	001 620 841	001 620 842		300 000 500
Order no. cut 2 medium	-	-	-	001 621 838	-	001 621 839		-
Order no. cut 3 fine	001 620 849	001 620 850	001 620 851	001 620 852	001 620 853	001 620 854		300 002 000

Shank: Ø 4 mm



(Suitable with BIAX pneumatic files: FR 3-8, FR 5-8(N), FR 8-12, FLV 8-12, PLF 88)

Profile									
Dimensions [mm]	6,5 x 2	10 x 3	15 x 3	Ø 4	Ø 6 *	6,5 x 2,5	10 x 3	10 x 3	4,3 x 4,3
Usable length / total length [mm]	60 / 90	60 / 90	30 / 65	60 / 90	70 / 90	55 / 90	50 / 90	40 / 75	60 / 90
Order no. cut 1 coarse	001 620 202	001 620 203	001 620 204	001 620 213	-	001 620 207	001 620 205	001 620 209	001 620 212
Order no. cut 2 medium	001 620 201	-	-	001 620 210	001 620 211	001 620 206	-	001 620 208	-

Shank: Ø 6 mm



(Suitable with BIAX pneumatic files: FR 8-12, FR 10-5, FLV 8-12, FR 8-2)

Profile								File set
Dimensions [mm]	12 x 6	7,2 x 7,2	9 x 9 *	10 x 5	12 x 6	Ø 7 *		(1 per profile type)
Usable length / total length [mm]	80 / 110	80 / 125	80 / 110	70 / 130	80 / 115	90 / 120		-
Order no. cut 0 ultra coarse	001 620 800	-	-	-	-	-		-
Order no. cut 1 coarse	001 620 801	001 620 802	001 620 803	001 620 804	001 620 805	001 620 806		300 000 300
Order no. cut 3 fine	001 620 813	001 620 814	001 620 815	-	001 620 817	001 620 818		300 001 700

Steel files (tool steel 65 HRC) – curved models

Thanks to their curved shape, these files can also be applied to specific points on a surface. In all other respects, they share the same features as the straight models.

* The marked files are conical (dimensions refer to the widest point).

Applications: Deburring, targeted material removal

Abrasiveness: ●●○○○

Suitable for: steel, non-ferrous metals, cast iron, stainless steel

Tool life: ●●●○○



Shank: Ø 3,8 mm

(Suitable with BIAX pneumatic files: FR 3-8, FR 5-8(N), FR 8-12, FLV 8-12, PLF 88)

Profile							File set
Dimensions [mm]	7 x 1,5	3 x 3 *	4 x 4 *	6 x 2 *	6,5 x 1,5	Ø 3,5 *	(1 per profile type)
Usable length / total length [mm]	60 / 95	65 / 95	60 / 90	60 / 95	65 / 110	60 / 80	-
Order no. cut 2 medium	001 620 879	001 620 880	001 620 881	001 620 882	001 620 883	001 620 884	300 000 700
Order no. cut 1 coarse	001 620 885	-	-	-	-	-	-

Diamond files

These files are coated with diamond grit, giving them exceptional service life on certain materials.

* The marked files are conical (dimensions refer to the widest point).

Applications: Deburring

Abrasiveness: ●●○○○

Suitable for: cast iron, non-ferrous metals, hardened steel, fibre composites, superalloys, titanium, ceramics, glass, carbide

Tool life: ●●●●●



Shank: Ø 3 mm

(Suitable with BIAX pneumatic files: FR 3-8, FR 5-8 (N), FR 5-4, FR 8-12, FLV 8-12, PLF 88, FLV 4-9, FLV 1-20)

Profile							File set
Dimensions [mm]	5 x 2	5 x 5	3,5 x 3,5	6 x 3	Ø 2	Ø 4	(1 per profile type)
Usable length / total length [mm]	25 / 60	25 / 60	25 / 60	25 / 60	25 / 60	25 / 60	-
Order no. grit D107	001 620 861	001 620 862	001 620 863	001 620 864	001 620 865	001 620 866	300 000 600

Long model



Dimensions [mm]	5,5 x 1,5	2,5 x 2,5	3 x 3	5,5 x 2	Ø 2,5 *
Usable length / total length [mm]	45 / 85	45 / 85	45 / 85	45 / 85	45 / 85
Order no. grit D91	On request	On request	On request	On request	On request



Finishing stones

Finishing stones allow very fine and precise material removal on edges and surfaces. On surfaces, grinding fluid should always be used to improve cutting performance and prevent scratches.

Applications: surface finishing, surface/selective abrasion, deburring

Suitable for: all metallic surfaces



Ceramic-bonded white aluminium oxide (hard bond)

Especially suited for edge processing due to its hard bond

Abrasiveness: ●●○○○

Tool life: ●●●○○

Dimensional stability: ●●●●○

Length x height x width [mm]	150 x 3 x 6	150 x 3 x 13	150 x 6 x 13
Order no. grit 120	001 452 205	001 452 209	001 452 213
Order no. grit 180	001 452 206	001 452 210	001 452 214
Order no. grit 220	001 452 207	001 452 211	001 452 215
Order no. grit 320	001 452 208	001 452 212	001 452 216

Minimum order quantity 5 pieces

Ceramic-bonded regular aluminium oxide (medium-hard bond)

Universal grinding stone with a balanced ratio of aggressiveness, service life, and shape stability

Abrasiveness: ●○○○○

Tool life: ●●●○○

Dimensional stability: ●●●●○

Length x height x width [mm]	150 x 3 x 6	150 x 3 x 13	150 x 6 x 13
Order no. grit 150	001 452 227	001 452 234	001 452 238
Order no. grit 320	001 452 228	001 452 235	001 452 239
Order no. grit 400	001 452 229	001 452 236	001 452 241
Order no. grit 600	001 452 233	001 452 237	001 452 242

Minimum order quantity 5 pieces

Ceramic-bonded green silicon carbide (soft bond)

Highly abrasive grinding stone. Its soft bond continuously exposes fresh abrasive grains, ensuring consistent performance. The green silicon carbide is particularly hard, sharp-edged and brittle, offering a self-sharpening effect.

Abrasiveness: ●●○○○

Tool life: ●●○○○

Dimensional stability: ●●●○○

Length x height x width [mm]	150 x 3 x 6	150 x 3 x 13	150 x 6 x 13
Order no. grit 320	001 452 217	001 452 221	001 452 224
Order no. grit 400	001 452 218	001 452 222	001 452 225
Order no. grit 600	001 452 219	001 452 223	001 452 226

Minimum order quantity 5 pieces

Finishing stone fluid

- › Improves the cutting performance of polishing stones
- › Prevents scratches on the surface
- › Helps to maintain the surface geometry
- › Water soluble – can be easily removed without aggressive cleaning agents



Transfer container 45 ml (001 365 402) for easier application of the polishing stone fluid.
1 litre container (001 360 008)

Finishing stone holders



Small, lightweight finishing stone holder with a 3 mm shank.
Suitable for all BIAx air files. Span width: 1–6 mm
Order no. 001 974 457



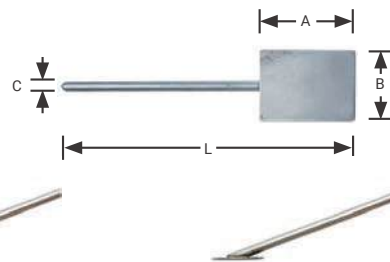
Large finishing stone holder for FR 8-12, PS1, PLF88, PLF90, FLV 8-12F, PS8. Span width 3–6 mm
Order no. 007 011 295

Carriers for abrasive cloth and polishing paste

Sanding shoes

Are used in combination with adhesive abrasive cloth. Their shape makes them suitable for processing flat surfaces and corners.

Applications: surface abrasion



Dimensional stability: ●●●●●

Dimension A [mm]	20	20	35
Dimension B [mm]	11	20	25
Dimension L [mm]	140	140	110
Shank C [mm]	4	4	4
Order no.	001 974 438	001 974 437	001 974 436

Plastic carrier with toggle bar

The plastic carrier is mounted to allow a tilting motion, ensuring easy and consistently flat contact with the workpiece surface. It is simply clipped into the toggle bar and can be used with abrasive cloth or polishing paste.

Applications: flat surface material removal, surface finishing

Plastic carrier order no. 001 621 522

Dimensions: 30 x 10 mm

Toggle bar order no. 001 621 521



Dimensional stability: ●●●●●

Wooden carriers

Are used in combination with the diamond pastes. They contain no abrasive components themselves.

Applications: Surface finishing

Tool life: ●●○○○

Dimensional stability: ●●○○○

Height x width x length [mm]	3 x 7 x 150	6 x 12 x 150
Soft	001 621 517	001 621 519
Hard	001 621 518	001 621 520



Minimum order quantity 10 pieces

Abrasive cloth (self-adhesive)

The abrasive cloth is simply stuck onto the sanding shoe or another carrier.

Applications: flat surface material removal,
surface finishing

Suitable for: all metallic surfaces



Abrasiveness: ●●○○○

Tool life: ●○○○○

Grit	80	120	240	400
Order no.	001 974 458	001 974 440	001 974 441	001 974 442

Minimum order quantity 10 pieces

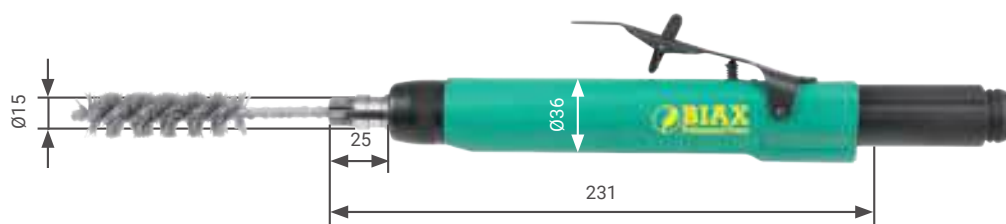


08 Brushing tools



The brushing tools are available in straight or angled models, boasting low operating speeds and a high level of torque. These are particularly suitable for removing loose burrs or cleaning surfaces.

Speed [rpm]: 500
Power [watts]: 80



Optional accessories

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



BE 805 H Order no. 150 810 915

Ideal for use with stem brushes for cleaning bores. Reversible rotation for even more effective burr removal.

Included accessories

Collet
ZG 7 / 8 mm
Order no. 001 999 980
For other sizes, see page 65



Collet wrench,
size 11+14
Order no. 007 899 746



Hose unit
Order no. 001 366 548



 Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 2,500
Power [watts]: 300



Optional accessories

Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 578



BWH 6-25/2 K90 Order no. 150 222 310

For drilling and brushing in hard-to-reach areas. It features a 90° angled head with a robust gear unit for high durability.


Included accessories

Collet
ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65

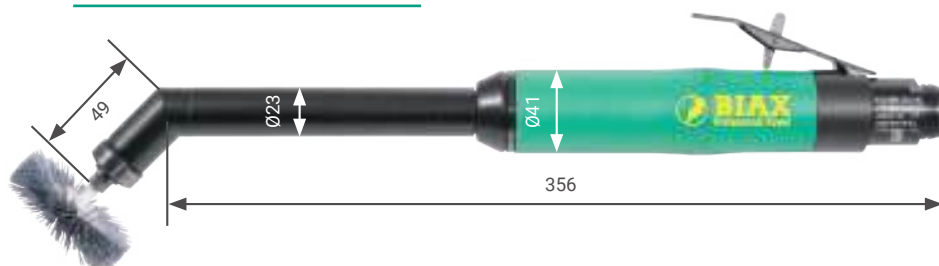


Collet wrench,
size 9+11
Order no. 007 899 874



 Please operate with 2–3 drops of oil per minute at 6 bar.

Speed [rpm]: 2,500
Power [watts]: 300



Optional accessories

Connection set
Order no. 007 899 103
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 578



BWH 6-25/2 K45 Order no. 150 222 320

Like BWH 6-25/2 K90, but with a 45° angled head.

Included accessories

Collet
ZG 4 / 6 mm
Order no. 001 999 990
For other sizes, see page 65



Collet wrench,
size 9+11
Order no. 007 899 874



 Please operate with 2–3 drops of oil per minute at 6 bar.



Speed [rpm]: 10,000
Power [watts]: 280



SRH 8-10
Order no. 150 010 980

Relatively small and lightweight with a slightly reduced speed. Ideal for lighter work with brushes and flap wheels, as well as polishing tasks.

Included accessories

Collet
 ZG 7 / 6 mm
 Order no. 001 999 981
 For other sizes, see page 65



Collet wrench,
 size 11+14
 Order no. 007 899 747



Optional accessories

Vario-holder
 Order no. 007 012 848



Connection set
 Order no. 007 899 101
 (without hose unit)
 For details, see page 64



Hose unit
 Order no.
 001 366 505



 **Please operate with 2–3 drops of oil per minute at 6 bar.**

Model	BE 805 H	BWH 6-25/2 K90	BWH 6-25/2 K45	SRH 8-10
Valve	Lever valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards	backwards
Front bearing set				double
Speed [rpm]	500	2,500	2,500	10,000
Power [watts]	80	300	300	280
Air consumption [l/min]	280	500	500	300
Noise level [dB(A)]	71	75	75	67
Weight [g]	570	1,220	1,240	645
Max. tool shank diam. [mm]	8	6	6	8
Max. tool Ø [mm]				
Carbide tools				16

Please follow the specifications provided by the abrasive tool manufacturers.

Brushes

Steel brushes with crimped steel wire:

- for deburring, derusting and cleaning weld seams
- suitable for steel and cast iron
- high wear resistance
- high dimensional stability



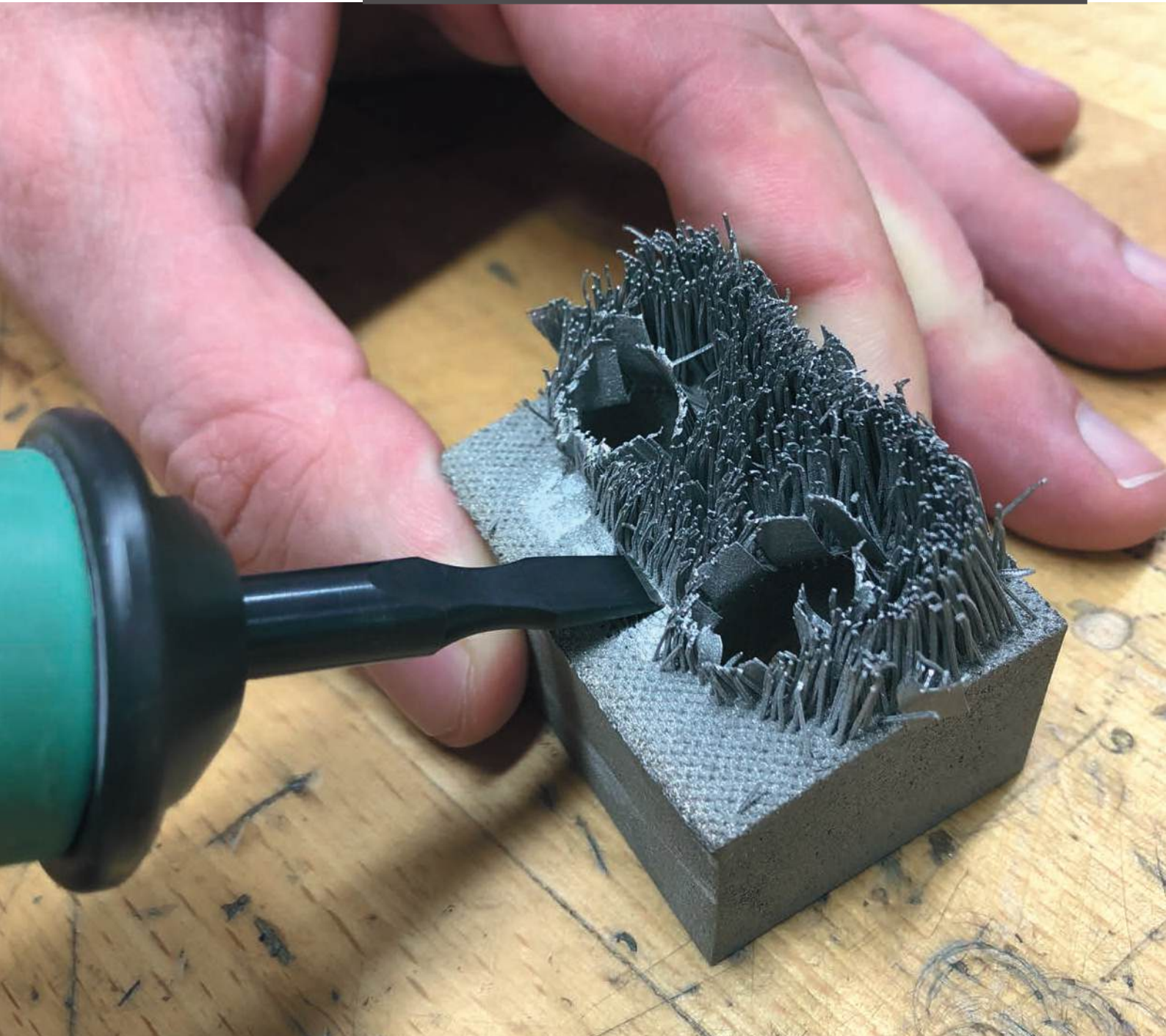
To the catalogs:



Model	Wheel brush Ø 60	Wheel brush Ø 30	Cup brush Ø 60	Cup brush Ø 40	End brush Ø 22	End brush vØ 16	Paint Brush pointed Ø 12
Diameter x width [mm]	60 x 15	30 x 7	-	-	-	-	-
Diameter [mm]	-	-	60	40	22	16	12
Shank diameter [mm]	6	6	6	6	6	6	6
Max. speed [rpm]	15,000	20,000	8,000	10,500	12,500	15,000	20,000
Wire strength [mm]	0,25	0,15	0,3	0,3	0,2	0,2	0,3
Order no.	001 622 709	001 622 702	001 625 234	001 625 232	001 625 231	001 625 230	001 625 229

You can find a larger selection of brushes in our accessories catalog.

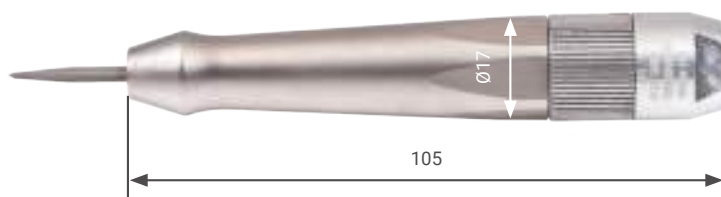
09 Chisels and engraving tools



Perfect for post-processing 3D-printed parts – especially for removing support structures used in complex geometries to prevent collapse during printing – as well as for removing welding residues and engraving.



Pneumatic chisel for removing support structures



Optional accessories

Connection set
Order no. 007 899 106
(incl. hose unit)
For details, see page 64



Hose unit
Order no. 001 366 539



Model	MD 100	GMD 3
Valve	Rotary valve	Rotary valve
Exhaust air direction	backwards	forwards
Stroke rate [min ⁻¹]	3,000	3,000
Stroke length [mm]	14	9
Air consumption [l/min]	140	45
Noise level [dB(A)]	65	80
Weight [g]	530	100
Tool holder [mm]	6 (hex)	3 (hex)

GMD 3

Order no. 150 800 301

Small and lightweight tool for engraving and light chiselling. Fits in your hand like a pencil while engraving.

Included accessories

Total length of 35 mm each.



Flat chisel, narrow, width 3 mm
Order no. 003 000 730



Flat chisel, wide, width 5 mm
Order no. 003 000 463



Groove chisel, width 1 mm
Order no. 003 000 895



Hex slug, width 3 mm
Order no. 003 000 979



Stylus
Order no. 007 001 184

Chisel set, complete

Order no. 007 000 979



Please operate with 1-2 drops of oil per minute at 6 bar.

MD 100

Order no. 150 800 310

A powerful pneumatic chisel for tough applications, such as removing welding beads or supporting structures when post-processing 3D-printed parts.

Included accessories

Hose unit
Order no. 001 366 595



Please operate with 1-2 drops of oil per minute at 6 bar.

Optional accessories

Connection set
Order no. 007 899 116
(not including hose unit)
For details, see page 64



Chisel:



Flat chisel, narrow, width 8 mm
Total length 70 mm
Order no. 003 015 207



Flat chisel, slanted, width 9 mm
Total length 70 mm
Order no. 003 015 205



Flat chisel, wide, width 12 mm
Total length 70 mm
Order no. 003 015 204

Flat chisel, narrow, width 8 mm
Total length 120 mm
Order no. 003 016 075

Flat chisel, narrow, width 12 mm
Total length 120 mm
Order no. 003 016 056



Pneumatic chisel for removing support structures

with 16 mm Ø piston and pistol grip for removing support structures




MP 300
Order no. 150 800 350

Powerful chisel hammer for removing very hard and thick support structures during post-processing in 3D printing.

 Please operate with 1-2 drops of oil per minute at 6 bar.

MP 450
Order no. 150 800 360

Similar to the MP 300, but with a 45 mm stroke length and lower stroke rate for even tougher applications.

 Please operate with 1-2 drops of oil per minute at 6 bar.

Model	MP 300	MP 450
Valve	Push button	Push button
Exhaust air direction	sideways	sideways
Stroke rate [min-1]	6,100	4,400
Stroke length [mm]	30	45
Air consumption [l/min]	320	320
Noise level [dB(A)]	97	98
Weight [g]	680	770
Tool holder [mm]	S 12,5 x 36	S 12,5 x 36

Optional accessories for chisels MP 300 and MP 450

Hose unit
Order no. 001 366 912



Flat chisel 125 x 15 mm
Order no. 001 963 533



Wide flat chisel 125 x 40 mm
Order no. 001 963 534



Flat chisel 195 x 15 mm
Order no. 001 963 535



Swivel joint, 90° pivotable,
360° rotatable
Order no. 001 367 236



10 Pneumatic saws



Our pneumatic saws are particularly suitable for cutting work on car bodies and steel sheet. We also offer suitable saw blades for other materials such as aluminium, non-ferrous metals, plastics, wood and composites. Our pneumatic saws are based on the legendary SIG saws and are manufactured at our Swiss facility in Thayngen.



Power [watts]: 300



Please operate with 1 drop of oil per minute at 6 bar.



PS 2 PLUS

Order no. 150 322 922

Economical and robust entry-level model featuring an innovative saw blade fastening system that prevents unintentional blade pull-out, even if the blade becomes snagged.

Included accessories

Plastic case

2 Installation wrenches

Counterholder
Order no. 003 012 066

Tool holder
4 mm (integrated)
Order no. 008 012 314

4 saw blades
14/18/24/32 TPI

Air supply hose
Order no. 001 974 552

Optional accessories

Counterholder
(see page 62)

Saw blades
(see page 62)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Power [watts]: 300



Please operate with 1 drop of oil per minute at 6 bar.



PS 3

Order no. 150 322 921

Like the PS 2 Plus, but additionally vibration-damped, enabling continuous operation.

Included accessories

Plastic case

2 Installation wrenches

Counterholder
Order no. 003 012 066

Tool holder, 4 mm
(integrated)
Order no. 008 012 314

4 saw blades
14/18/24/32 TPI

Air supply hose
Order no. 001 974 552

Optional accessories

Counterholder
(see page 62)

Saw blades
(see page 62)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



Power [watts]: 300



Please operate with 1 drop of oil per minute at 6 bar.



PLF 90

Order no. 150 322 890

Like the PS 2 PLUS, but even more robust and powerful for the toughest applications. Only suitable for conventional saw blades.

Included accessories

Plastic case

2 Installation wrenches

Counterholder
Order no. 003 012 066

Tool holder
4 mm (integrated)
Order no. 001 974 411

4 saw blades
14/18/24/32 TPI

Air supply hose
Order no. 001 982 531

Optional accessories

Counterholder
(see page 62)

Saw blades
(see page 62)

Connection set
Order no. 007 899 116
(without hose unit)
For details, see page 64



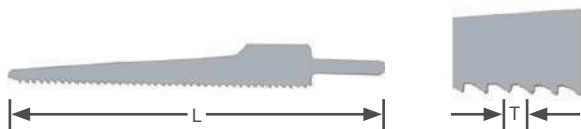


Saw blades

Our saw blades:

- set high standards in terms of service life and efficiency
- deliver the very best cutting performance
- are extremely flexible and resistant to breakage

The teeth are made of high-quality HSS steel. The backing material is a special spring steel, point heat-treated for maximum flexibility, toughness, and fatigue resistance.



For PS 25, PS 2, PS 3

Saw blade length [mm] L	60	60	60	60
Tooth spacing [mm] T	0.8	1.0	1.4	1.8
Number of teeth	32 TPI*	24 TPI*	18 TPI*	14 TPI*
Order no.	007 012 393	007 012 392	007 012 391	007 012 390
Applications	Thin sheet metal and high-strength steel up to 1.5 mm	Double and triple sheet metal up to 1.5 mm	Aluminium, plastic	Wood, composites, plastic

*TPI = teeth per inch

For PS 1, PS 8, PLF 90

Saw blade length [mm] L	96	96	96	72
Tooth spacing [mm] T	0.8	1.0	1.8	1.4
Number of teeth	32 TPI*	24 TPI*	14 TPI*	18 TPI*
Order no.	001 974 432	001 974 433	001 974 434	001 974 435
Applications	All thin sheet metal Sheet steel up to 1.0 mm	Sheet steel up to 3.0 mm, aluminium up to 1.5 mm, chromium sheet steel up to 1.5 mm	Aluminium, non-ferrous metal up to 4 mm, wood, chipboard	Specially designed for sawing with tight curve radii

*TPI = teeth per inch

For FR 10-5/2

Saw blade length [mm] L	90	90	90
Tooth spacing [mm] T	0.8	1.0	1.4
Number of teeth	32 TPI*	24 TPI*	18 TPI*
Order no.	001 974 445	001 974 446	001 974 447
Applications	All thin sheet metal Sheet steel up to 1.0 mm	Sheet steel up to 3.0 mm, aluminium up to 1.5 mm, chromium sheet steel up to 1.5 mm	Non-ferrous metal, aluminium, wood, chipboard

*TPI = teeth per inch

Counterholder

The counterholder is used to stabilise the workpiece or to adjust the cutting depth of the saw blades.



Counterholder for	FR 8-12 / PS1	PLF 88 / PLF 90	FLV 8-12 / PS 8	FR 10-5/2
Order no.	001 974 418	001 974 542	001 974 623	001 964 532

The counterholder is required when the machine is used as a saw in order to support the machine against the workpiece. The holder allows stepless adjustment to limit the plunge depth of the saw blade.

Model	PS 2 PLUS	PS 3	PLF 90
Valve	Lever valve	Lever valve	Lever valve
Exhaust air direction	backwards	backwards	backwards
Strokes per minute	12,000	12,000	12,000
Stroke length [mm]	8	8	8
Power [watts]	300	300	300
Air consumption [l/min]	200	190	200
Noise level [dB(A)]	73	73	71
Weight [g]	520	990	510
Max. tool shank diam. [mm]	4	4	6

11 Accessories



In the following pages you will find a range of accessories for ensuring the longevity of our pneumatic tools, as well as details on our collets, hose units and connection sets.

Connection set

Just connect and get started – our practical connection kits include everything you need for safe and smooth machine operation!

Order no. 007 899 101 - 110

Order no. 007 899 117

Contents:

- Matching hose unit depending on the machine (1 pc.)
- Maintenance unit, order no. 001 367 024 (1 pc.)
- Safety coupling, order no. 001 366 721 (1 pc.)
- Male connection G1/4" A, order no. 001 367 710 (1 pc.)
- Sealing ring order no. 001 367 616 (2 pc.)



Save around 10% compared to buying separately!

Order no. 007 899 116

For machines that already include the hose unit. Contents as above, but without the hose unit.

Order no. 007 899 115

For oil-free grinders. All oil-free grinders already include the hose unit in the scope of delivery, so it is not included in the connection kit.

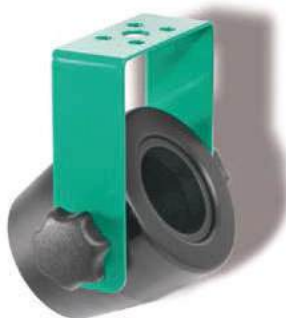
Contents:

- Air filter, order no. 001 367 023 (1 pc.)
- Safety coupling, order no. 001 366 721 (1 pc.)
- Male connection G1/4" A, order no. 001 367 710 (1 pc.)
- Sealing ring order no. 001 367 616 (2 pc.)

Vario-holder V3

Affords order and safety to your workplace. Your high-quality tool can be placed on the workbench without the risk of falling down. Suitable for almost all BIAx tools thanks to the adjustable internal sleeves. It is compatible with the following models:

TVD 3-100/2 (ULTRA), T 365/2, T 3-90 S, T 3-65 S, T 6-50 S
 TSD 385, T 3-65 S,
 SRD 3-85/2, SRD 3-85/2D,
 SVD 3-85/2, SVD 3-85/2D,
 SRH 3-85/2, SRH 3-85/2D,
 SVH 3-85/2, SVH 3-85/2D,
 SRD 3-55/2, SRD 3-55/2 S, SRD 3-55/2 KE,
 SRD 6-45/2, SRD 6-45/2 SL, SRD 3-45/2,
 SRH 6-45/2, SRH 6-45/2 SL, SRH 3-45/2,
 SRD 8-30/2, SARD 830, SBRD 830,
 SRH 8-30/2, SARH 830, SBRH 830, SVKH 630,
 SRD 8-30/2 SL, SRD 6-30/2, SRD 3-30/2,
 SRH 8-30/2 SL, SRH 6-30/2,
 SRD 8-20/2, SRH 8-20/2 SL,
 SRH 8-20/2, SRH 8-20/2 SL,
 SARD 820, SARH 820,
 SRH 10-12/2, SRH 8-10,
 FLV 4/9, FLV 1-20



hanging



standing

Order no. 007 012 848

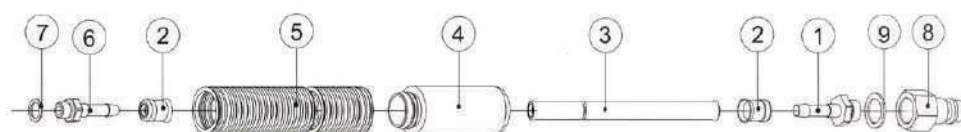
Hose unit

Here you can find and order the individual components of our hose units.



Hose unit complete	001 366 505	001 366 528	001 366 594	001 366 595	001 366 548	001 366 549	001 366 577	001 366 578	001 366 580	001 366 576
Male connector (supplied loose) ⁽⁸⁾	001 367 711	001 367 712	001 367 711	001 367 711	001 367 711	001 367 711	001 367 711	001 367 711	001 367 712	-
Seal (supplied loose) ⁽⁹⁾	001 367 616	001 313 102	001 367 616	001 367 616	001 367 616	001 367 616	001 367 616	001 367 616	001 313 102	-
Hose connector ⁽¹⁾	001 366 207	001 366 202	001 366 207	001 366 216	001 366 207	001 366 216	001 366 207	001 366 207	001 366 202	001 366 610
Hose clamp ⁽²⁾	001 372 606	001 372 610	001 369 406	001 369 408	001 372 606	001 369 408	001 372 606	001 372 606	001 372 610	001 369 408
Pressure hose ⁽³⁾	001 366 357	001 366 320	001 366 357	001 366 308	001 366 357	001 366 308	001 366 357	001 366 357	001 366 320	001 366 308
Sound muffler ⁽⁴⁾	003 008 026	001 365 014	-	003 008 000	-	-	003 008 023	003 008 026	001 365 014	003 008 000
Exhaust air hose ⁽⁵⁾	001 331 142	001 331 142	-	001 331 189	001 331 161	001 331 158	001 331 177	001 331 163	001 331 142	001 331 189
Threaded male connector ⁽⁶⁾	003 003 528	003 003 702	-	003 003 447	001 366 204	-	001 366 204	001 366 204	001 366 211	003 006 356
Seal ⁽⁷⁾	001 312 205	001 313 103	-	-	001 312 205	-	001 312 205	001 312 205	001 313 303	001 312 202

Products sold by the metre:										
Pressure hose	001 366 356	001 366 318	001 366 356	001 366 309	001 366 356	001 366 309	001 366 356	001 366 356	001 366 318	001 366 309
Exhaust air hose	001 311 143	001 331 143	-	001 331 184	001 331 160	001 331 157	001 331 160	001 331 162	001 331 143	-
Technical data										
Length [m]	3	3	3	1.5	1.5	1.5	3	3	3	1.5
Clear width [mm]	7	10	7	4.5	7	4.5	7	7	10	4.5
Weight [kg]	0.5	0.7	0.24	0.11	0.21	0.1	0.4	0.4	0.7	0.11



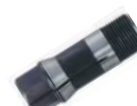
Collets and wrenches



For manual pieces only



For pneumatic tools and manual pieces



Type	ZG 1	ZG 1 A	ZG 4	ZG 5	ZG 7	ZG 8
	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.
0.5 mm hole	-	-	-	001 999 871	-	-
1.0 mm hole	-	-	001 999 957	001 999 989	001 999 868	-
1.5 mm hole	-	-	001 999 960	001 999 988	-	-
2.0 mm hole	001 999 932	-	001 999 959	001 999 987	001 999 867	-
2.5 mm hole	-	-	001 999 952	001 999 986	-	-
3.0 mm hole	001 999 999	001 999 995	001 999 991	001 999 985	001 999 982	-
3.5 mm hole	-	-	001 999 951	-	001 999 924	-
4.0 mm hole	001 999 998	001 999 949	001 999 961	-	001 999 973	-
5.0 mm hole	001 999 997	-	001 999 958	-	001 999 972	-
6.0 mm hole	001 999 996	001 999 994	001 999 990	-	001 999 981	001 999 977
7.0 mm hole	-	-	-	-	001 999 971	-
8.0 mm hole	-	001 999 993	-	-	001 999 980	001 999 976
10.0 mm hole	-	001 999 992	-	-	-	001 999 975
1/8" hole	-	-	001 999 964	001 999 983	001 999 979	-
1/4" hole	-	-	001 999 965	-	001 999 978	-
3/32" hole	-	-	001 999 970	001 999 984	-	-
Collet wrench	001 365 806 + retaining pin 002 000 069	001 365 811 + retaining pin 002 000 070	007 899 874 (size 9+11 in the set)	007 899 751 (size 6+8 in the set)	007 899 747 (size 11+14 in the set)	007 899 721 (size 14+17 in the set)



Maintenance units

- Robust design
- High air flow capacity
- 5 µm fine filter for maximum air cleanliness
- Container with bayonet lock for easy opening and closing
- Incl. bracket for mounting



Safety coupling with venting function

Special oil

Order no.	001 367 023	001 367 024	001 367 045
Connecting thread	G 1/4"	G 1/4"	G 1/2" / G 3/8"
Max. operating pressure (bar)	16	16	16
Air flow rate at 6 bar (l/min)	1,700	1,300	2,800
Adjustment range (bar)	0-10	0-10	0-10
Container volume [cm³]	Condensate 25	Oiler 50, Condensate 25	Oiler 125, Condensate 85
Filter pore size [µm]	5	5	5
Replacement filter	001 374 003	001 374 003	001 374 004
	For oil-free pneumatic tools		

001 366 721

Order no. (1.0 l)
001 365 665Order no. (5.0l)
001 365 605

One-hand couplings



Connecting thread	G 1/4"	G 3/8"	G 1/4" i	-	-	G 1/8"	G 1/4"	-	-	-
For hose diameter	-	-	-	7	10	4.5	4.5	4.5	7	10
Order no.	001 366 706	001 366 709	001 366 717	001 366 707	001 366 711	001 366 215	001 366 216	001 369 408	001 369 401	001 369 403

Hose connectors



Threaded male connectors



Connecting thread	-	-	-	G 1/8"	G 1/4"	G 1/4"	G 3/8"
For hose diameter	4.5	7	10	7	7	10	10
Order no.	001 366 610	001 366 603	001 366 607	001 366 204	001 366 207	001 366 211	001 366 202

Male connections with external threads



Male connections with internal threads



Manifold block with couplings



Connecting thread	G 1/8"	G 1/4"	G 3/8"	G 1/4" i	G 3/8" i	G 3/8" i	G 1/4" i
Order no.	001 367 703	001 367 710	001 367 706	001 367 711	001 367 712	001 367 211	001 367 212

Twin nipples



Reducing nipples

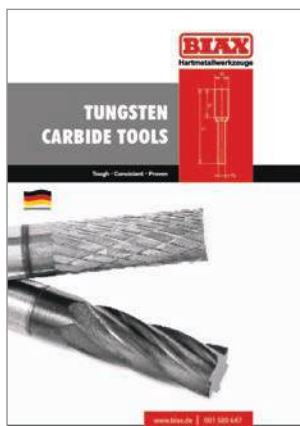


Sealing ring



Connecting thread	G 1/4" x G 1/4"	G 3/8" x G 3/8"	G 1/4" x G 1/8"	G 3/8" x G 1/4"	G 1/2" x G 3/8"	1/8"	1/4"	3/8"
Order no.	001 367 101	001 367 102	001 370 901	001 370 902	001 370 903	001 312 205	001 367 616	001 313 102

All BIAx catalogs available for download



To the catalogs:



Spare parts lists with dimensional sketches and operating instructions:





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