

SUPERCOMBINATA[®]

THE UNIQUE COMBO ONE

BE_XTRA



BE_XTRA

CHOOSE THE ONLY EXTRAFACTORY SOLUTION

Elsa Srl has over 25 years of experience in the development and marketing of multifunctional portable line boring machines.

Recognised globally, Elsa is a symbol of excellence and innovation in the field of portable line boring machines for metal cutting operations, including on-site machining.



**WE OFFER INNOVATIVE
PRODUCTS, MADE IN ITALY,
ALWAYS AT THE FOREFRONT OF
QUALITY AND RELIABILITY**

Elsa has transformed the concept of 'out of the factory' or 'ex-factory' into a tangible reality. The company has innovated the sector introducing processes such as line boring and welding directly on site, beyond the limitations of traditional in-house machining operations.





A UNIQUE AND EXTRAORDINARY PRODUCT

RELIABLE
SUSTAINABLE
SIMPLE
POWERFUL

SUPERCOMBINATA®

THE UNIQUE COMBO ONE

The SUPERCOMBINATA series offers customers the possibility to perform machining operations directly at the location where they are needed, therefore optimising efficiency and convenience. This approach is revolutionising traditional methods of tackling industrial challenges, representing the pinnacle of technological innovation.

It is designed to meet the increasingly demanding requirements in the field of maintenance and repair. Thanks to its small size and extreme versatility and precision, it can perform machining operations directly on site, reducing the time and costs of a traditional repair.

Supercombinata portable line boring machines have been used successfully for years in various industries, offering the possibility of on-site intervention, minimising downtime and transport costs.

APPLICATION SECTORS



SUPERCOOL

LINE BORING AND INTERNAL AND
EXTERNAL OVERLAY WELDING | FACING
OF ORTHOGONAL PLANES AND CREATION
OF CIRCLIP GROOVES | THREADING
DRILLING AND TAPPING | EXTERNAL
TURNING

POWER AND DURABILITY

Electrical and mechanical
components optimised for power
and durability. High reliability,
proven by machines still in use after
decades.

MADE IN ITALY

Designed and manufactured
entirely in Italy, with very high
quality standards and advanced
technology.



UNIQUE BEARING SUPPORT
AND ATTACHMENT SYSTEM
**MAXIMUM STABILITY AND
SAFETY DURING MACHINING**

**PRECISE AND RELIABLE
CENTRING SYSTEM**
SUPPLIED FOR
PROFESSIONAL CENTRING
OF THE BORING SHAFT

**EXCELLENT WELDING
QUALITY**
WITH PRESET PARAMETERS
AND INTUITIVE OPERATION

COMBINATA

THE UNIQUE COMBO ONE

COMPACTNESS AND EASY HANDLING

Portable, it allows on-site processing, reducing traditional repair costs and time. Simple and intuitive initial set-up.

VERSATILITY AND PRECISION

Suitable for the repair of ovalised or worn holes directly on site. Centesimal accuracy and stability during the machining processes.



**ANALOGUE CONTROL UNIT
AS STANDARD,
ON REQUEST ALSO
AVAILABLE IN 110V VERSION
AND/OR WITH DIGITAL
DISPLAY**

**UNLIMITED
LONGITUDINAL STROKE
RAPID AND
STABLE
MACHINING PROCESS**

**ROTATION MOTOR
BORING SHAFT
WITH MECHANICAL
2/4-SPEED GEARBOX**

SUPERCOMBINATA BASIC

FROM Ø 22 mm TO Ø 180 mm (0,87" - 3,14")



DISCOVER
MORE



The model **BASIC** is the entry-level solution in the Supercombinata series. With its standard equipment, it performs line boring and welding in the range from Ø 22 mm to Ø 180 mm, ideal for repairs in the earthmoving sector and for simple applications.

With the extra kit, it can perform flange facing and create Seeger seats. With the accessories, it is possible to provide solutions for a wide range of repairs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES

TECHNICAL SPECIFICATIONS

Line boring	Ø 22 - 180 mm
Internal welding	Ø 25 - 180 mm
Boring bar diameter	Ø 20 x 1800 mm / Ø 40 x 2200 mm
Rotation motor	1800 W with 2-gear motor
Output torque at the bar	290 Nm with 120 rpm
Unlimited longitudinal stroke	With 350 mm pitch
Voltage	230 V (50 Hz)
Weight central unit	36 kg

EXTRA KIT

FACING	KES00186	Ø 48 - 255 mm (1,89" - 10,04")
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SUPERCOMBINATA EASY

FROM Ø 22 mm TO Ø 250 mm (0,87" - 9,84")



DISCOVER
MORE



The **Supercombinata EASY** is suitable to perform internal line boring and internal overlay welding within a working range from Ø 22 mm to Ø 250 mm, thanks to its standard equipment.

By means of extra kits, it is suitable to make external turning, facing of orthogonal planes and creation of circlips grooves. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

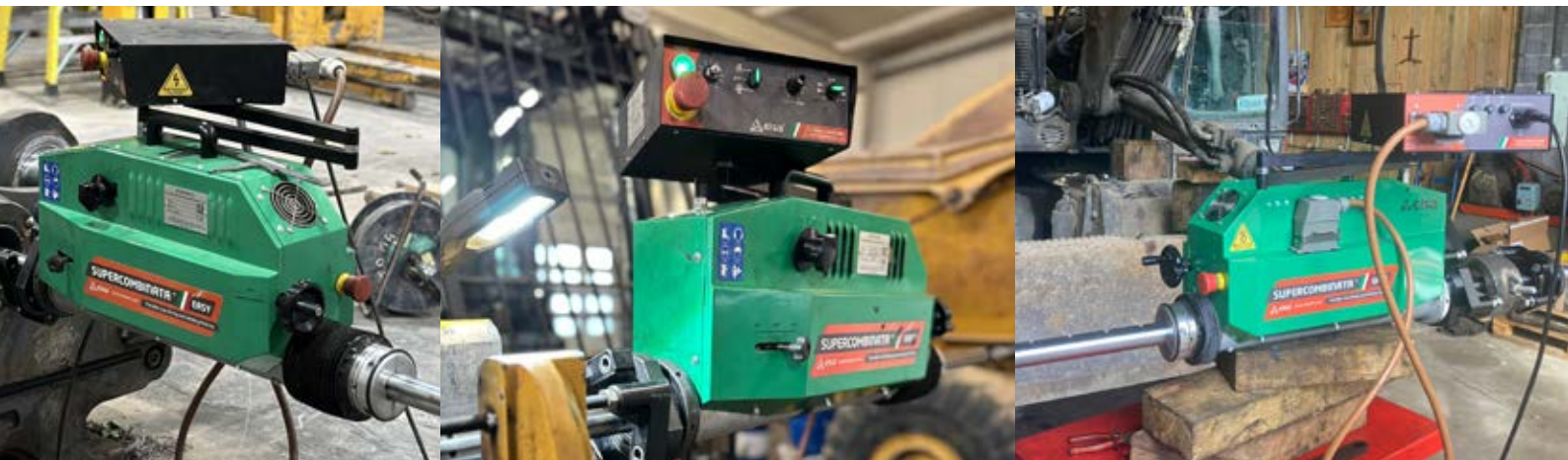
LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line Boring only Standard with 110V power supply
Line boring	Ø 22 - 250 mm
Internal welding	Ø 25 - 250 mm
Boring bar diameter	Ø 40 x 2200 mm
Rotation motor	1800 W with 2-gear motor
Output torque at the bar	290 Nm with 120 rpm
Unlimited longitudinal stroke	With 350 mm pitch
Voltage	230 V (50 Hz) or 110 V (50 Hz)
Weight central unit	36 kg

EXTRA KIT

BORING REDUCTION	KEP00187	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00188	Ø 32 - 70 mm (1,26" - 2,76")
FACING	KES00186	Ø 48 - 255 mm (1,89" - 10,04")
EFK ELECTRONIC FACING	450_40	Ø 55 - 475 mm (2,16" - 18,70")
EXTERNAL TURNING	KEL00183	Ø 40 - 120 mm - D. 150 mm (1,57" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")



SUPERCOMBINATA

EASY COMPACT

FROM Ø 42 mm TO Ø 250 mm (1,65" - 9,84")



DISCOVER
MORE



The Supercombinata **EASY Compact** is suitable to perform internal line boring and internal overlay welding within a working range from Ø 42 mm to Ø 250 mm in very small spaces, thanks to its standard equipment.

By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line boring only
Line boring	Ø 42 - 250 mm
Internal welding	Ø 42 - 250 mm
Boring bar diameter	Ø 40 mm x 2200 mm
Rotation motor	1800 W with 2-gearred motor
Output torque at the bar	290 Nm with 120 rpm
Unlimited longitudinal stroke	With 250 mm pitch
Voltage	230 V (50 Hz)
Weight central unit	32 kg

EXTRA KIT

BORING REDUCTION	KEP00187	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00188	Ø 32 - 70 mm (1,26" - 2,76")
FACING	KES00186	Ø 48 - 255 mm (1,89" - 10,04")
EFK ELECTRONIC FACING	450_40	Ø 55 - 475 mm (2,16" - 18,70")
EXTERNAL TURNING	KEL00183	Ø 40 - 120 mm - D. 150 mm (1,57" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
	KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")



SUPERCOMBINATA

SC1

FROM Ø 42 mm TO Ø 400 mm (1,65"- 15,75")



DISCOVER
MORE



The **Supercombinata SC1** is suitable to perform line boring and internal and external overlay welding within a working range from Ø 42 mm to Ø 400 mm (also blind holes). It's suitable for drilling and tapping.

By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves, threading. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, THREADING, DRILLING AND TAPPING, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line Boring only Standard with 110V power supply Digital
Line boring	Ø 42 - 400 mm
Internal welding	Ø 42 - 400 mm
Boring bar diameter	Ø 40 x 2200 mm / Ø 40 x 1100 mm
Rotation motor	1800 W with 4-gear motor
Output torque at the bar	Up to 400 Nm with 95 rpm
Unlimited longitudinal stroke	With 350 mm pitch
Voltage	230 V (50 Hz) or 110 V (50 Hz)
Weight central unit	37 kg

EXTRA KIT

BORING REDUCTION	KEP00187	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00188	Ø 32 - 70 mm (1,26" - 2,76")
FACING	KES00186	Ø 48 - 255 mm (1,89" - 10,04")
	KES00200	Ø 57 - 400 mm (2,24" - 15,75")
EFK ELECTRONIC FACING	450_40	Ø 55 - 475 mm (2,16" - 18,70")
EXTERNAL TURNING	KEL00183	Ø 40 - 120 mm - D. 150 mm (1,57" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
	KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")
INTERNAL THREADING	KFL00928	Ø 120 - 350 mm (4,72" - 13,78")
BIG DIAMETERS	KED00180	Ø 400 - 600 mm (15,75" - 23,62")



SUPERCOMBINATA

SC2

FROM Ø 62 mm TO Ø 600 mm (2,44" - 23,62")



DISCOVER
MORE



The **Supercombinata SC2** is suitable to perform line boring and internal and external overlay welding within a working range from Ø 62 mm to Ø 600 mm (also blind holes). It's suitable for drilling and tapping.

By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves, threading. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, THREADING, DRILLING AND TAPPING, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line Boring only Standard with 110V power supply Digital
Line boring	Ø 62 – 600 mm
Internal welding	Ø 42 – 600 mm
Boring bar diameter	Ø 60 x 2200 mm
Rotation motor	1800 W with 4-gear motor
Output torque at the bar	Up to 520 Nm with 65 rpm
Unlimited longitudinal stroke	With 350 mm pitch
Voltage	230 V (50 Hz) or 110 V (50 Hz)
Weight central unit	36,5 kg

EXTRA KIT

BORING REDUCTION	KEP00594	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00593	Ø 32 - 70 mm (1,26" - 2,76")
	KEP00688	Ø 42 - 160 mm (1,65" - 6,30")
	KEP00687	Reduction Ø 60 - 40 mm (2,36" - 1,57")
FACING	KES00186 with the help of KEP00687	Ø 48 - 255 mm (1,89" - 10,04")
	KES00200 with the help of KEP00687	Ø 57 - 400 mm (2,24" - 15,75")
	KES00363	Ø 228 - 500 mm (8,98" - 19,68")
EFK ELECTRONIC FACING	450_60	Ø 70 - 475 mm (2,75" - 18,70")
	600	Ø 70 - 615 mm (2,75" - 24,21")
EXTERNAL TURNING	KEL00184	Ø 60 - 120 mm - D. 150 mm (2,36" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
	KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")
INTERNAL THREADING	KFL00927	Ø 120 - 350 mm (4,72" - 13,78")
BIG DIAMETERS	KED00360	Ø 600 - 800 mm (23,62" - 31,50")



SUPERCOMBINATA

SC2 COMPACT

FROM Ø 62 mm TO Ø 250 mm (2,44" - 9,84")



DISCOVER
MORE



The **Supercombinata SC2 Compact** is suitable to perform internal line boring and internal overlay welding within a working range from Ø 62 mm to Ø 250 mm in very small spaces (also blind holes), thanks to its standard equipment.

By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line Boring only Standard with 110V power supply
Line boring	Ø 62 – 250 mm
Internal welding	Ø 42 – 250 mm
Boring bar diameter	Ø 60 x 2200 mm
Rotation motor	1800 W with 2-gear motor
Output torque at the bar	350 Nm with 100 rpm
Unlimited longitudinal stroke	With 250 mm pitch
Voltage	230 V (50 Hz) or 110 V (50 Hz)
Weight central unit	31 kg

EXTRA KIT

BORING REDUCTION	KEP00594	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00593	Ø 32 - 70 mm (1,26" - 2,76")
	KEP00688	Ø 42 - 160 mm (1,65" - 6,30")
	KEP00687	Reduction Ø 60 - 40 mm (2,36" - 1,57")
FACING	KES00186 with the help of KEP00597	Ø 48 - 255 mm (1,89" - 10,04")
EFK ELECTRONIC FACING	450_60	Ø 70 - 475 mm (2,75" - 18,70")
EXTERNAL TURNING	KEL00184	Ø 60 - 120 mm - D. 150 mm (2,36" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
	KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")



SUPERCOMBINATA

SC3

FROM Ø 62 mm TO Ø 800 mm (2,44" - 31,50")



DISCOVER
MORE



The **Supercombinata SC3** is suitable to perform line boring and internal and external overlay welding within a working range from Ø 62 mm to Ø 800 mm (also blind holes). It's suitable for drilling and tapping.

By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves, threading. With additional accessories, the Supercombinata can be adapted to many different customers' needs.

LINE BORING AND INTERNAL AND EXTERNAL OVERLAY WELDING, FACING OF ORTHOGONAL PLANES AND CREATION OF CIRCLIP GROOVES, THREADING, DRILLING AND TAPPING, EXTERNAL TURNING

TECHNICAL SPECIFICATIONS

Available versions	Standard Line Boring only Standard with 110V power supply Digital
Line boring	Ø 62 – 800 mm
Internal welding	Ø 42 – 800 mm
Boring bar diameter	Ø 60 x 2200 mm
Rotation motor	2300 W with 4-gear motor
Output torque at the bar	902 Nm with 55 rpm
Unlimited longitudinal stroke	With 350 mm pitch
Voltage	230 V (50 Hz) or 110 V (50 Hz)
Weight central unit	38,5 kg

EXTRA KIT

BORING REDUCTION	KEP00594	Ø 22 - 44 mm (0,87" - 1,73")
	KEP00593	Ø 32 - 70 mm (1,26" - 2,76")
	KEP00688	Ø 42 - 160 mm (1,65" - 6,30")
	KEP00687	Reduction Ø 60 - 40 mm (2,36" - 1,57")
FACING	KES00186 with the help of KEP00687	Ø 48 - 255 mm (1,89" - 10,04")
	KES00200 with the help of KEP00687	Ø 57 - 400 mm (2,24" - 15,75")
	KES00363	Ø 228 - 500 mm (8,98" - 19,68")
	KES00364	Ø 379 - 800 mm (14,92" - 31,50")
EFK ELECTRONIC FACING	450_60	Ø 70 - 475 mm (2,75" - 18,70")
	600	Ø 70 - 615 mm (2,75" - 24,21")
EXTERNAL TURNING	KEL00184	Ø 60 - 120 mm - D. 150 mm (2,36" - 4,72")
	KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
	KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")
INTERNAL THREADING	KFL00927	Ø 120 - 350 mm (4,72" - 13,78")
BIG DIAMETERS	KED00366	Ø 800 - 1200 mm (31,50" - 47,24")
	KED00367	Ø 800 - 1700 mm (31,50" - 66,93")



CONTROL UNIT

Analogue Control Unit

(standard equipment)

Available for 230V or 110V power supply with all models of the Supercombinata series

Digital control unit

(on request for the models SC1, SC2, SC3)

Advanced control unit with microprocessor programmable positioner.

Main functions:

- Feed control (right/left/stop) with positioning at the set depth
- Motor rotation control (run/stop)

Data displayed:

- Feed speed (rpm)
- Rotation speed (rpm)
- Non-volatile EEPROM memory to hold data when the machine is switched off

Operating modes:

- Manual
- Automatic



POWER

EMERGENCY

3 4 5 6 7 8 9 10
ROTAZIONE/ROTATION

OFF

DX/RH

3 4 5 6 7 8 9 10
AVANZAMENTO / FEED
SALDATURA / WELDING



AVANZAMENTO
AVANCE
FEED



ROTAZIONE
ROTACIÓN
ROTATION

R

AUTO
MAN

STOP

AUTO
MAN
ENTER

7 8 9
4 5 6
1 2 3
0 .

8888 4.6
138 8888 00



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Patented and made by Elsa s.r.l.

DIGITAL CONTROL PANEL



UPGRADE YOUR
SUPERCOMBINATA®
WITH THE

EXTRA KITS

These make it possible to expand the range of standard machining operations of the line boring machines and adapt them to specific machining operations such as turning, threading, facing orthogonal planes and creating circlip grooves.



DISCOVER
MORE

BORING REDUCTION

The reduction kit has been designed to give great versatility of use to the portable line boring machines of the Supercombinata series. With the addition of Ø 20, 30 or 40 mm boring shafts, the standard working range can be reduced to perform line boring jobs from min. Ø 22 mm.

**EASY | EASY COMPACT | SC1
SC2 | SC2 COMPACT | SC3**



DISCOVER
MORE



EXTERNAL TURNING

The kit is designed to give great versatility of use to the portable line boring machines of the Supercombinata series, allowing to perform cylindrical turning and overlay welding from Ø 60 mm to Ø 300 mm.

**EASY | EASY COMPACT | SC1
SC2 | SC2 COMPACT | SC3**



DISCOVER
MORE



BIG DIAMETERS

The kit has been designed to extend the standard machining range of the portable line boring machine Supercombinata, allowing internal line boring and overlay welding from Ø 400 mm to Ø 1700 mm.

SC1 | SC2 | SC3



DISCOVER
MORE

FACING

The kit has been designed to give great versatility of use to the portable boring machines of the Supercombinata series. It consists of a facing head allowing flange facing and the creation of circlips grooves, by using standard cutting inserts from Ø 48 mm to Ø 800 mm.

**BASIC | EASY | EASY COMPACT | SC1
SC2 | SC2 COMPACT | SC3**



DISCOVER
MORE



EFK ELECTRONIC FACING

The kit with an electronic turret head enables flange facing operations from Ø 55 to Ø 615 mm and the creation of seats for Seeger rings and O-rings. Speed, direction and feed are controlled via a potentiometer and touchscreen independently of the machine's rotation, with electronic parameter settings and improved cutting performance.

**EASY | EASY COMPACT SC1
SC2 | SC2 COMPACT | SC3**



DISCOVER
MORE



INTERNAL THREADING

The kit has been designed to give great versatility of use to the portable boring machines of the Supercombinata series, by allowing the creation of internal threading from Ø 120 mm to Ø 350 mm.

SC1 | SC2 | SC3



DISCOVER
MORE





ACCESSORIES

FOR AN INCREASINGLY HIGH-PERFORMING SUPERCOMBINATA

Accessories are a key element in optimising the performance of our line boring machines and machining systems.

Each component is designed to extend versatility, to improve operational efficiency and to ensure maximum precision during machining. This allows to customise any applications by meeting the specific customers' requirements.



DISCOVER
MORE

JOINTS



EXTERNAL JOINT FOR BORING BAR

AE000489	Ø 30 mm	KEP00188 / KEP00593
AE000487	Ø 40 mm	BASIC / EASY / EASY Compact / SC1
AE000441	Ø 60 mm	SC2 / SC2 Compact / SC3



INTERNAL JOINT FOR BORING BAR

AE000490	Ø 40 mm	BASIC / EASY / EASY Compact / SC1
AE000442	Ø 60 mm	SC2 / SC2 Compact / SC3

CAM SYSTEM (standard size)



AE030015	BASIC / EASY / EASY Compact / SC1 SC2 / SC2 Compact / SC3
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INTERNAL SUPPORTS



GC35SC	Ø 200-300 mm	SC2 / SC2 Compact / SC3
GC37SC	Ø 200-300 mm	BASIC / EASY / EASY Compact / SC1

BORING BARS



COE00035	Ø 40x1100 mm	BASIC / EASY / EASY Compact / SC1
AE003018	Ø 40x1500 mm	BASIC / EASY / EASY Compact / SC1
AE003017	Ø 40x3000 mm	BASIC / EASY / EASY Compact / SC1
AE030025	Ø 60x1100 mm	SC2 / SC2 Compact / SC3
AE001027	Ø 60x1500 mm	SC2 / SC2 Compact / SC3
AE003014	Ø 60x3000 mm	SC2 / SC2 Compact / SC3
AE030026	Ø 60x2200 mm with double taper	SC2 / SC2 Compact / SC3
AE003015	Ø 60x3000 mm with double taper	SC2 / SC2 Compact / SC3
AE000443	Morse taper adapter 4	SC2 / SC2 Compact / SC3

TOOLHOLDERS

STANDARD TOOLHOLDERS



SG00177	DX Ø 12x40 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00178	DX Ø 12x50 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00180	DX Ø 12x60 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00181	DX Ø 12x80 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00193	SX Ø 12x100 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3



SPECIAL TOOLHOLDERS

SG00176	DX Ø 12x40 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00179	DX Ø 12x60 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3



45° TOOLHOLDERS

SG00257	Ø 10x100 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00256	Ø 12x100 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3



CENTESIMAL TOOLHOLDERS

SG00208	DX Ø 16x26 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
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Can be used with custom-made extensions

CENTRING CONES

SET OF CENTRING CONES FOR BORING BAR



SG00272	Shaft Ø 20 mm	Working range Ø 25-40 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00271	Shaft Ø 30 mm	Working range Ø 35-70 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00242	Shaft Ø 40 mm	Working range Ø 50-130 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00244	Shaft Ø 40 mm	Working range Ø 120-180 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00246	Shaft Ø 40 mm	Working range Ø 170-220 mm	BASIC/EASY/EASY Compact/SC1 SC2/SC2 Compact/SC3
SG00243	Shaft Ø 60 mm	Working range Ø 70-130 mm	SC2/SC2 Compact/SC3
SG00245	Shaft Ø 60 mm	Working range Ø 120-180 mm	SC2/SC2 Compact/SC3
SG00247	Shaft Ø 60 mm	Working range Ø 170-220 mm	SC2/SC2 Compact/SC3

WELDING



**Terminal lance
SG00127**

Ø 30 - 50 mm

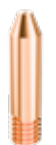
BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3



**Terminal lance
SG00301**

Ø 25 - 50 mm

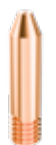
BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3



**Short wire guide nozzle
COT90202**

Ø 1,0 mm

BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3



**Long wire guide nozzle
COT90201**

Ø 1,0 mm

BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3

(Welding machine available on request)

CUTTING EDGE FOR HARD MATERIAL



COT91193 Ø 10 mm | Box with 10 cutting inserts

BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3

COT91192 Ø 12 mm | Box with 10 cutting inserts

BASIC / EASY / EASY Compact / SC1
SC2 / SC2 Compact / SC3



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KTRA

EXTRAFACTORY SOLUTION



BE_XTRA



Super **Xtrafactory** Devices

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