

NEW!

External threading with a cordless screwdriver

Dear customers,

In today's newsletter we present you the latest tools from our GSR think tank! This tool combination allows you to produce a clean external thread quickly and precisely. It consists of three components:

- the GSR SC thread cutting adapter for external threads, a tool from our e-Tapping series
- the useful GSR die guides with chip container, specifically developed for use in SC adapters
- as well as the high-quality GSR Silver dies, for even demanding cutting tasks.

You will find more information on the following pages. If you have any questions, please give us a call.

We are at your service!

Your GSR-Team



▶ SC ADAPTER FOR EXTERNAL THREADS

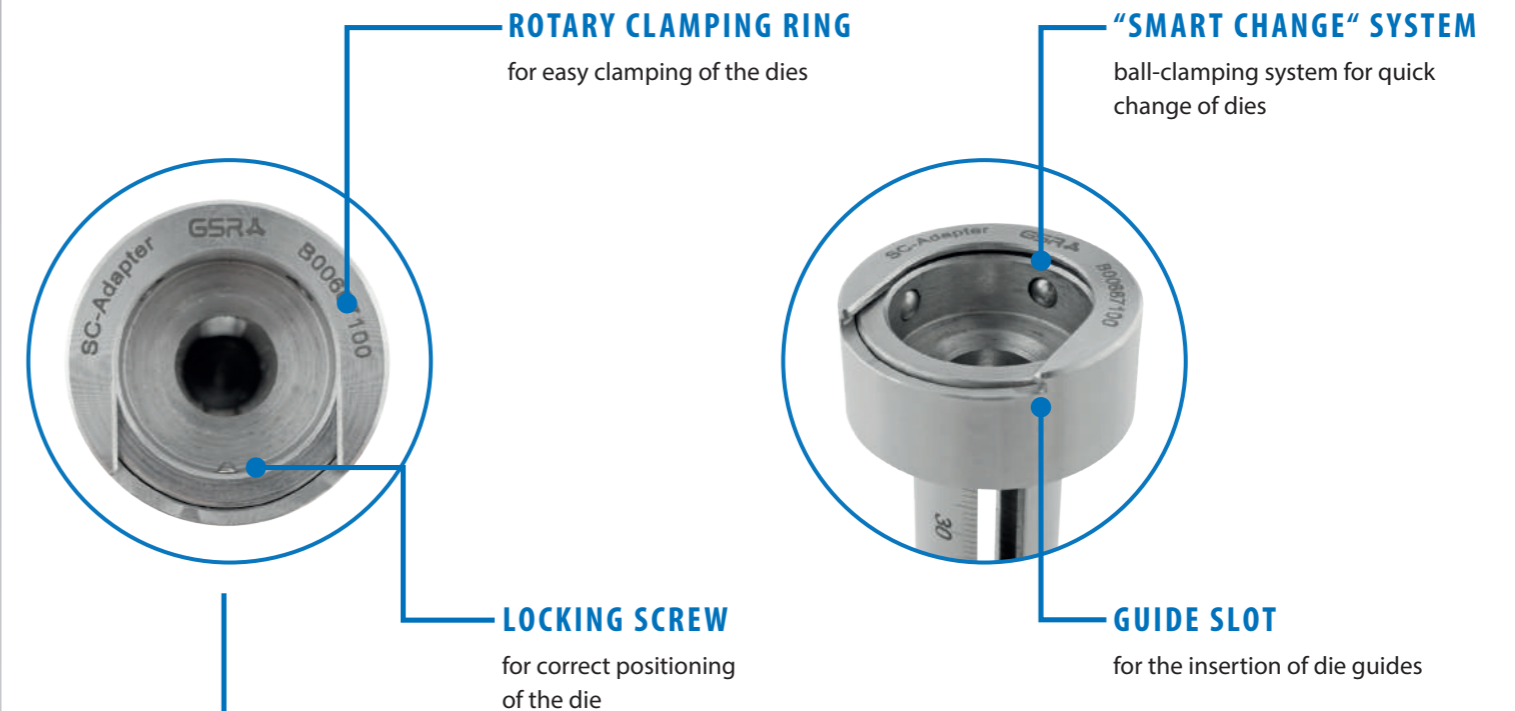
Thread cutting in a „smart“ way

The SC thread cutting adapter is the latest product of our GSR e-Tapping series. It is the perfect tool to easily cut external threads with a cordless screwdriver. SC stands for „smart change“, which refers to the way different round dies can be used with the adapter.

The handling of the SC adapter is very simple: the holder was designed especially for 25x9 mm dies. By turning the retaining ring clockwise, the die is locked by the innovative ball-clamping system in the adapter. A simple counter clockwise rotation releases the die. Thus, a die can be exchanged with only a few simple steps!

The body of the SC adapter has been machined from full material. In addition, it has been provided with two cut-outs: through these slots it is possible to see the external thread and to remove any jammed chips. With the help of the lasered scale at the edge of the cut-out, the length of the cut thread can be read easily.

For fast and optimal cutting of precise external threads with a cordless screwdriver, we recommend the GSR Silver dies in sizes M3-M10.



ROTARY CLAMPING RING

for easy clamping of the dies

“SMART CHANGE” SYSTEM

ball-clamping system for quick change of dies

LOCKING SCREW

for correct positioning of the die

GUIDE SLOT

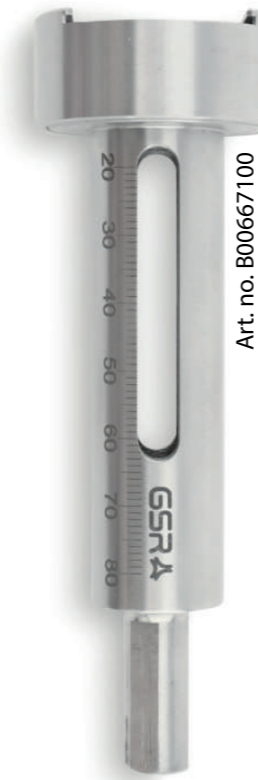
for the insertion of die guides

▶ GSR DIE GUIDES WITH CHIP CONTAINER

for perpendicular cutting

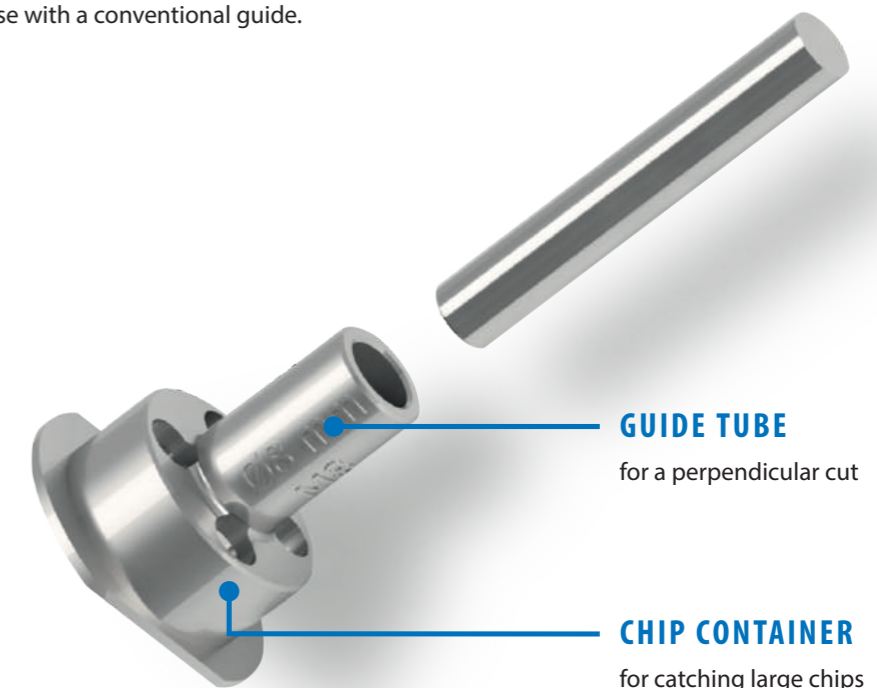
These GSR die guides according to factory standards have an integrated chip container. Due to the greater distance from the die to the guide tube, there is no jamming of the chips, which would be the case with a conventional guide.

The guide tube has been perfectly adapted to the bolt diameter of the thread to be cut. Thus, a straight cut is guaranteed!



THREE-SURFACE SHANK

for optimal grip in the three-jaw chuck



GUIDE TUBE

for a perpendicular cut

CHIP CONTAINER

for catching large chips



GSR SILVER ROUND DIES FOR DIFFERENT RAW MATERIALS

MATERIAL	VERY SUITABLE	SUITABLE	RAW MATERIAL
HSS-E	Conventional steel	Stainless steel	Special alloys
HSS	Short-chipping aluminium	Non-ferrous metal	Hard materials up to max. HRC 35

GSR SILVER ROUND DIES

with innovative geometry

The dies with a special tool geometry are optimized for use in the die holder of the SC adapter.

The double-sided spiral points ensure chip breakage in the cutting direction and thus a good chip removal. The surface of the round die is nitrided.

The increased surface hardness ensures better heat dissipation and prevents cold welding.

HSS-E high-performance dies can be used for almost all materials such as steel up to 1400 N/mm² strength, stainless steel, cast iron and non-ferrous metals.



DOUBLE-SIDED SPIRAL POINTS

for good chip removal

LAPPED THREAD

for burr-free and smoother cutting edges



LARGER GATE DIAMETER

chamfering of the bolt is no longer necessary

INCREASED SURFACE HARDNESS

through nitriding

GSR SC adapter set

7 pieces

- GSR SC thread cutting adapter
- Die guides with chip container M3 - M10
- Box made of impact- and break-resistant polypropylene plastic with contour-milled foam insert



GSR Silver round dies

7 pieces

- GSR Silver round dies M3 - M12
- especially suitable for use in machines
- Box made of impact- and break-resistant polypropylene plastic with contour-milled foam insert

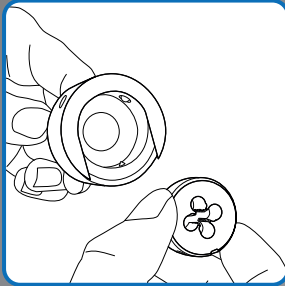
Symbol	Art. no. HSS VAP	Art. no. HSS-E VAP
M 3	B09300130	B09301130
M 4	B09300150	B09301150
M 5	B09300170	B09301170
M 6	B09300190	B09301190
M 8	B09300210	B09301210
M 10	B09300230	B09301230
M 12	B09300250	B09301250
Set M3-M12	B09120010	B09121010

Perfect external threads with the GSR SC adapter

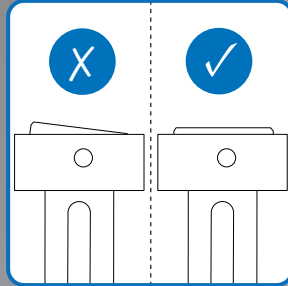
The combination of the GSR SC adapter, GSR Silver dies and die guides with chip container makes it possible to produce external threads in a short time

without great effort. The threads are cut precisely, neatly and quickly. In addition to that, only cutting paste and a bolt with a suitable diameter are required.

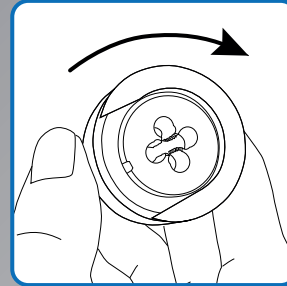
How to use the tools and how to cut an external thread with a cordless screwdriver is explained with the following step-by-step instructions:



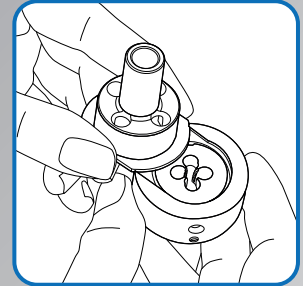
1. Insert the die with the slot above the fixing screw



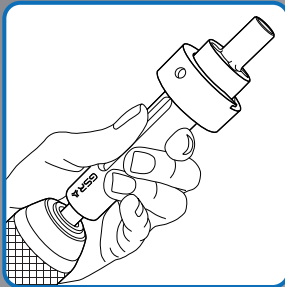
2. Make sure that the die is inserted in a straight position



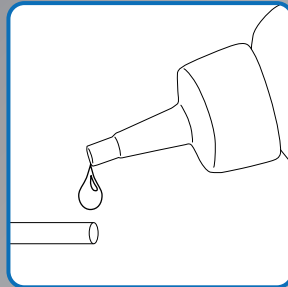
3. Lock the die by turning the retaining ring clockwise



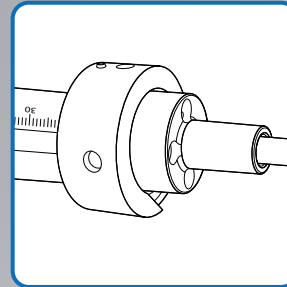
4. Insert the guide and secure it through a quarter turn



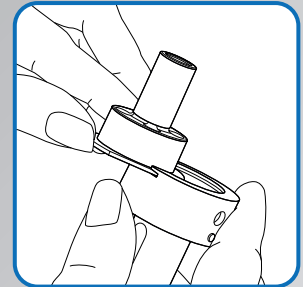
5. Clamp the SC adapter into the cordless screwdriver



6. Lubricate bolt with sufficient cutting paste/cutting oil



7. Start cutting the external thread by 3-4 threads



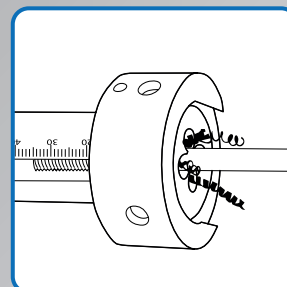
8. Turn back the SC adapter and remove the die guide



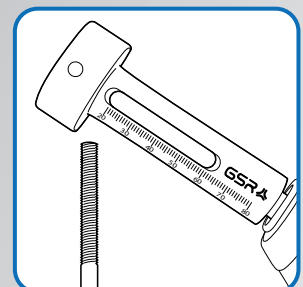
SC ADAPTER IN ACTION

Scan the QR code or visit our info page now on <http://bit.ly/scadapter-en> for a video of our new tool! If you need further consultation, please call us under +49 2191 - 5833.

SCAN HERE!



9. Continue cutting the thread to the desired length



10. Turn back the SC adapter, clean your thread - done!

WWW.GSR-GERMANY.DE



GSR Gustav Stursberg GmbH Schmiedestraße 4 42899 Remscheid Fon 02191 / 5833 Fax 02191 / 52769 Mail info@gsr-germany.de

THREADING TOOLS
Gustav Stursberg

Precision is in the details. Since 1889.