



Drechseleisenprogramm Wood Turning Tools



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Die Verarbeitung von Eisen hat im Stubaital eine lange Tradition. Bereits im 14. Jahrhundert existierten in Fulpmes Schmieden, die Werkzeuge für den damals in Blüte stehenden Eisenbergbau herstellten. Engagierte Meister schlossen sich 1897 zu einer Genossenschaft zusammen, um die Zukunft von Produktion und Verkauf gemeinsam zu bewältigen.

Heute werden von 26 Mitgliedsbetrieben mehrere tausend Tonnen Stahl jährlich verarbeitet. Hergestellt werden hochwertige Werkzeuge für professionelle Anwender wie Metallverarbeiter, Tischler, Schnitzer, Drechsler, Holz- und Forstarbeiter, Automechaniker, Spengler, Dachdecker, Maurer, Fliesenleger, Schlosser, Elektriker und viele andere mehr. In unserer eigenen Gesenkschmiede werden Rohlinge für die Mitgliedsbetriebe produziert und auch Halbfertigwaren für andere Industriebetriebe in Österreich und in den benachbarten Ländern hergestellt und bearbeitet.

Ca. die Hälfte der Produktion geht in den Export. In weltweit mehr als 50 Ländern steht „STUBAI“ für beste Qualität und präzise Verarbeitung.

Die Werkzeuge des Drechslers

Ähnlich wie der Holzschnitzer mit den Händen sein Schnitzmesser führt, um sein Werkstück zu formen und ihm Gestalt zu geben, so handhabt auch der Holzdrechsler sein Werkzeug und formt den sich an der Drechselbank drehenden Werkstoff. Wir wollen hier in diesem Katalog das Programm der STUBAI - Drechseisen vorstellen. Die elementarsten Drechselwerkzeuge sind und bleiben die Röhre und der Meißel. Mit ihnen vermag der Drechsler fast alle vorkommenden Formen zu drehen. Darum finden wir auch auf alten Siegeln und Inschriften diese beiden Werkzeuge stets in symbolischer Zusammengehörigkeit dargestellt. Erst nach der Entwicklung eines größeren Formenreichtums - etwa seit

Renaissance und Barock - erfuhr das Drechselwerkzeug hinsichtlich seiner Form eine Bereicherung. Die Eisen wurden zu verschiedenen Haken und Krummeißeln weiterentwickelt, denn es wurden bereits ausgehöhlte Trink- und Essgeräte, sowie Schalen und Becher gedreht. Die bekannten, oft recht schönen Drechslerformen aus früherer Zeit lassen darauf schließen, dass die Drechselwerkzeuge schon damals von beträchtlicher Qualität waren. Die frühesten Metallwerkzeuge waren aus geschmiedetem Eisen, später waren die Werkzeuge aus geschmiedetem Stahl und heute werden die Drechseisen aus hochwertigen und HSS-Stählen für Harthölzer und aus hochwertigen Chromstählen für Weichhölzer hergestellt. Das Drechseln ist ein Kunsthandwerk und erfordert deshalb Geschick und Erfahrung. Aus diesem Grunde empfehlen wir jedem Anfänger, sich Grundkenntnisse des Drechselns, der Handhabung und des Schärfens der Werkzeuge sowie der verschiedenen Holzarten, in einem Kurs anzueignen. Mit diesem Wissen ausgestattet fehlt nur noch das passende Werkzeug. Der Rat, dass „das Beste gerade gut genug ist“, gilt besonders für die Drechselwerkzeuge und deshalb wünschen wir viel Freude mit den STUBAI-DRECHSEISEN!

GRUNDSÄTZLICHE GESUNDHEITS- UND SICHERHEITSHINWEISE

- * Besondere Vorsicht ist für Augen und Lungen geboten. Benützen Sie immer schützende Brillen und Staubmasken!
- * Halten Sie lockere Kleidung und Haare weg von der Drechselbank!
- * Starten Sie die Drechselbank nicht, wenn Sie unter Einfluss von Alkohol oder Drogen stehen!
- * Wenn Sie die Drechselbank einschalten, fangen Sie immer mit niedriger Drehgeschwindigkeit an!
- * Verwenden Sie immer das richtige Werkzeug für eine bestimmte Arbeit!
- * Vergewissern Sie sich, dass das Holz gut fixiert ist bevor Sie die Drechselbank in Gang bringen!
- * Versuchen Sie nie das Holz zu verstellen, solange das Holz sich dreht!
- * Halten Sie Ihren Arbeitsplatz immer sauber!
- * Lassen Sie keine Späne am Boden liegen, da diese nicht nur rutschig sind, sondern auch leicht brennen können!
- * Rauchen Sie niemals am Arbeitsplatz!

The processing of iron has a long tradition in the Stubai valley. In the area the iron mines were of such high quality that in the 14th century blacksmiths in Fulpmes were already producing hand tools. In 1897 engaged craftsmen formed a cooperative to manage the future for both production and sales. Today 26 member factories are processing several thousand tons of steel each year. The production programme consists of a wide range of tools for professional users such as metalworkers, woodworkers, woodcarvers, wood turners, forestry workers, auto mechanics, roofers, masons, tile setters, electricians and others. Our own forge manufactures products for our members and also semi-finished products for other industries in Austria and other European countries.

Approximately half of the production is exported to more than 50 countries worldwide. The brand name „STUBAI“ stands for high quality and workmanship.

The STUBAI TOOL INDUSTRY

is the biggest hand tool manufacturer in Austria. The product line consists of more than 6000 articles of the following product groups: H A N D T O O L S, SCREWDRIVERS, WOODWORKING, CONSTRUCTION , F O R E S T R Y, C U T L E R Y, MOUNTAINEERING.

The TRADE MARK

The name STUBAI stands for quality and guarantees highest manufacturing standard as well as best service. ®

The Tools for the Wood Turner

Just as the woodcarver carefully guides the chisel to give the piece of wood a certain design, the wood turner deftly controls the turning tool to shape the rotating wood piece on the lathe. In this catalogue we want to present the programme of the STUBAI wood turning tools. The most essential turning tools are, and always will be, the gouges and chisels. With these tools the turner is able to form the most common shapes. For this reason, both tools are almost always shown as a combination on old seals and inscriptions. During the times of Renaissance and Baroque a greater variety of turning tools was developed. Various types of hooks and bent chisels were produced to turn bowls and cups. The many beautiful work pieces from former times show us that the turning tools must have been of a considerable high standard. The earliest metal tools were made of forged iron. Later iron was replaced by forged steel and today the turning tools are made of high speed steel for hard woods and high quality carbon steel for soft woods. Wood turning is an artwork and requires skill and experience. Therefore we recommend that novices take a training course to learn the basics of wood turning, the handling and sharpening of the tools, as well as the knowledge of the various types of wood. Then, equipped with this knowledge, only the right tool is missing. The advice that „only the best is good enough“ is especially true for turning. Thus we wish you great pleasure with the STUBAI WOOD TURNING TOOLS.

FUNDAMENTAL HEALTH AND SAFETY TIPS:

- * Always take care of your eyes and lungs - wear protective equipment
- * Keep loose clothing and hair away from woodturning lathe
- * Do not use woodturning lathe when being under influence of alcohol or drugs
- * Start woodturning lathe with low speed
- * Always use the correct tool for the job
- * Make sure your wood is secure before switching on the lathe
- * Never try to adjust the wood before it stops rotating
- * Keep your work place always clean and tidy
- * Do not leave shavings on the floor as they are not only flammable but also slippery
- * Never smoke in the work shop

HSS Drechseisen mit Erlenheft

Das Grundmaterial unserer HSS-Drechselwerkzeuge ist hochlegierter WOLFRAM-MOLYBDÄN-STAHLE, hergestellt von erfahrenen Meisterschmiedern. **Hochleistungs-Schnell-Stahl** hat gegenüber herkömmlich gehärtetem Werkzeugstahl entscheidende Vorteile: Anlaßbeständigkeit: beim Schleifen ist ein Verbrennen nahezu unmöglich Hoher Härtewert: gute Schneidhaltigkeit auch bei harten Hölzern und hoher Drehgeschwindigkeit Hohe Verschleißfestigkeit: mindestens 6-fache Standzeit der Schneide gegenüber herkömmlichem Werkzeugstahl.

- **Arbeitsbereich Härte HRC 63, optimale Schneidhaltigkeit**
- **Klinge fein poliert, aus HSS Stahl**
- **Stahlzwinde**
- **Marke ‚STUBAI‘ garantiert höchste Qualität**
- **Heft aus Erlenholz, ergonomisch geformt, unlackiert**
- **Abschlusskappe**





HSS-Wood Turning Tools with Alder Wood Handles

The basic material of our HSS wood turning tools is high-alloy TUNGSTEN-MOLYBDENUM STEEL produced by experienced top quality manufacturers. Our heavy-duty high-speed steel has distinct advantages over conventionally hardened tool steel: Resistance to softening on tempering: overheating during grinding is practically impossible High degree of hardness: the tool will hold a keen cutting edge even when working hard woods or at a high rotation speed High resistance to wear: the life of the cutting edge is six times the life of conventional tool steel.

- **Blade hardness HRC 63 ensures optimum cutting edge**
- **Finely polished blade from High Speed Steel**
- **Steel Ferrule**
- **Trademark STUBAI, a guarantee for highest quality**
- **Handle made of Alder Wood, ergonomically shaped, natural finish**
- **Cap**







Nr. 7005 STUBAI Formröhren
 N° 7005 STUBAI Spindle gouge


Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7005 07	7 mm	300 mm	480 mm	230 g	1	848020
7005 10	10 mm	300 mm	480 mm	290 g	1	848037
7005 13	13 mm	300 mm	480 mm	310 g	1	848044
7005 18	18 mm	300 mm	480 mm	350 g	1	848051

Nahezu alle geschweiften Formen werden mit diesem Werkzeug vorgedreht und soweit wie möglich sauber geschlichtet.

Almost all curved shapes can be turned and made to a good smooth finish with this tool.





Nr. 7005 STUBAI Formröhren
 N° 7005 STUBAI Spindle gouge


Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7005 22	22 mm	300 mm	480 mm	400 g	1	848105
7005 27	27 mm	300 mm	480 mm	432 g	1	848112
7005 32	32 mm	300 mm	480 mm	480 g	1	848129

Für den ersten Arbeitsschritt an der Drechselbank. Mit der Formröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen

Designed for the initial turning on uneven or square spindle stock to round.





Nr. 7008 STUBAI Formröhren, schw. Ausführung
 N° 7008 STUBAI Spindle gouge, heavy duty


Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7008 19	19 mm	300 mm	480 mm	410 g	1	848167
7008 32	32 mm	300 mm	480 mm	550 g	1	848174

Für den ersten Arbeitsschritt an der Drechselbank. Mit der Formröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen.

This heavy duty gouge is designed for the initial turning on uneven or square spindle stock to round.

Nr. 7010 STUBAI Schüssel-Drehröhren
 N° 7010 STUBAI Bowl gouge, deep fluted


Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7010 08	8 mm	400 mm	650 mm	340 g	1	848204
7010 10	10 mm	400 mm	650 mm	400 g	1	848211
7010 13	13 mm	400 mm	650 mm	500 g	1	848228
7010 16	16 mm	400 mm	650 mm	640 g	1	848235
7010 20	20 mm	400 mm	730 mm	930 g	1	848242

Besonders im Bereich des Querholzdrehselns wird das Werkzeug außergewöhnlich belastet. Hier ist die HSS Spezial- Schüsseldrehröhre den herkömmlichen Röhren weit überlegen. Die besondere Form dieses Werkzeuges erlaubt eine rasche und starke Spanabnahme bei absoluter Sicherheit gegen Abfangen des Werkzeuges während des Drehselns und sorgt für eine saubere Oberfläche.

The performance of the tool is particularly important when working against the grain. Our special HSS bowl gouge is far more suitable for this kind of work than conventional gouges. The special shape of this tool allows shavings to be removed quickly and efficiently and prevents the tool from being caught in the wood during turning.



HSS Drehmeißel und Flachstähle

Der Dreh- und Ovalmeißel dient zum Schlichten oder wie man sagt zum Sauberdrehen, d.h. um dem Werkstück die letzte, feinste Glätte zu geben. Man benötigt ihn nicht nur zum Schlichten gerader, sondern auch gewölbter, kugeligter Formen.





HSS-Chisels

The skew and oval chisels are used for fine smooth finishing work on both straight and curved shapes.

Nr. 7020 STUBAI Flachmeißel, schräg

N° 7020 STUBAI Chisel, skew



Artikel Nummer	Breite mm					EAN-Nr. 9002793
7020 12	12 mm	300 mm	490 mm	290 g	1	848303
7020 15	15 mm	300 mm	490 mm	320 g	1	848310
7020 20	20 mm	300 mm	490 mm	360 g	1	848327
7020 25	25 mm	300 mm	490 mm	400 g	1	848334
7020 30	30 mm	300 mm	490 mm	440 g	1	848341
7020 35	35 mm	300 mm	490 mm	478 g	1	848358





Unentbehrlich ist dieser schräge Drehmeißel zum Ein und Abstechen. Verwendung hauptsächlich zum Formen in Langholz.

This skew chisel is indispensable for parting and for making V-cuts. Also for shaping along the grain.

Nr. 7022 STUBAI Flachstahl, rund

N° 7022 STUBAI Scraper, round nose



Artikel Nummer	Breite mm					EAN-Nr. 9002793
7022 12	12 mm	300 mm	490 mm	290 g	1	848426
7022 15	15 mm	300 mm	490 mm	320 g	1	848433
7022 20	20 mm	300 mm	490 mm	360 g	1	848440
7022 25	25 mm	300 mm	490 mm	400 g	1	848457
7022 30	30 mm	300 mm	490 mm	440 g	1	848464
7022 35	35 mm	300 mm	490 mm	480 g	1	848471





Werden zum Bearbeiten von Querholz (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Dreh- oder Schüsselhöhre können mit diesem Werkzeug noch Nach- und Endarbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist RUND und hat nur auf einer Seite die Fase angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.

Nr. 7024 STUBAI Flachstahl, gerade

N° 7024 STUBAI Scraper, square end



Artikel Nummer	Breite mm					EAN-Nr. 9002793
7024 12	12 mm	300 mm	490 mm	290 g	1	848549
7024 15	15 mm	300 mm	490 mm	320 g	1	848556
7024 20	20 mm	300 mm	490 mm	360 g	1	848563
7024 25	25 mm	300 mm	490 mm	400 g	1	848570
7024 30	30 mm	300 mm	490 mm	438 g	1	848587
7024 35	35 mm	300 mm	490 mm	480 g	1	848594





Werden zum Bearbeiten von Querholz (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Drehröhre oder der Schüsselhöhre können mit diesem Werkzeug noch Nacharbeiten und Endarbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist GERADE und hat nur auf einer Seite die Fase angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.

Nr. 7026 STUBAI Flachstahl, spitz

N° 7026 STUBAI Scraper, pointed






Artikel Nummer	Breite mm					EAN-Nr. 9002793
7026 12	12 mm	300 mm	490 mm	290 g	1	848662
7026 15	15 mm	300 mm	490 mm	320 g	1	848679
7026 20	20 mm	300 mm	490 mm	360 g	1	848686
7026 25	25 mm	300 mm	490 mm	376 g	1	848693
7026 30	30 mm	300 mm	490 mm	440 g	1	848709
7026 35	35 mm	300 mm	490 mm	480 g	1	848716

Werden zum Bearbeiten von QUERHOLZ (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Drehröhre oder der Schüsselhöhre können mit diesem Werkzeug noch Nacharbeiten und Endarbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist SPITZ und einfasig angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.

Nr. 7028 STUBAI Ovalmeißel, schräg
N° 7028 STUBAI Oval-chisel, skew



Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7028 12	12 mm	300 mm	490 mm	250 g	1	848785
7028 15	15 mm	300 mm	490 mm	270 g	1	848792
7028 20	20 mm	300 mm	490 mm	350 g	1	848808
7028 25	25 mm	300 mm	490 mm	380 g	1	848815
7028 30	30 mm	300 mm	490 mm	430 g	1	848822
7028 35	35 mm	300 mm	490 mm	490 g	1	848839

Unsere Ovalmeißel sind eine logische Weiterentwicklung des Flachmeißels. Sie sind zu einem unentbehrlichen Werkzeug in Fachkreisen geworden. Der richtig geformte HSS-Ovalmeißel bietet eine Reihe von Vorteilen gegenüber dem herkömmlichen (Keine Vorschläge): - durch die Ovalform nimmt das Werkzeug automatisch eine Schneidhaltung ein und gibt mehr Sicherheit. - Eine Beschädigung der Handauflage wie bei den (Keine Vorschläge) ist unmöglich. - Die Ovalform erlaubt ein gefühlsvolles Arbeiten bei allen Rundformen. - Speziell der Anfänger erreicht mit diesem Werkzeug schneller einen sauberen und leicht zu führenden Schnitt

Our oval skew chisels are a logical improvement of the skew chisels. We have been producing our HSS oval skew chisels for years. Due to their perfect shape they have in the meantime become an indispensable tool for woodturners. A HSS oval skew chisel has a number of advantages over the standard square chisel: - Because of its oval shape the tool is automatically in the correct cutting position and is therefore safer to use. - The oval form enables the tool to glide effortlessly along the tool rest without fear of the edges dragging on the rest. - The oval form permits fine work on all round shapes. - Beginners particularly will find it easy to achieve clean cuts with this tool.

HSS Ausdrehstähle





Aufgabe der Ausdrehstähle besteht darin, die auf ihre Grundform ausgeschruppten Wandungen zu schlichten

HSS-Scrapers

Specially designed for finishing the bottoms of bowls and boxes. These tools will also help to undercut the shoulders of vessels.

Nr. 7030 STUBAI Ausdrehstahl, rund
N° 7030 STUBAI Scraper, round/side cut







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7030 15	15 mm	300 mm	490 mm	310 g	1	848907
7030 25	25 mm	300 mm	490 mm	360 g	1	848914

Spezialwerkzeug zur Feinbearbeitung von innenliegenden Rundungen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten.

Ideal tool for blending inside curves and curved bottoms of vessels and boxes. Ideal also for undercutting work.

Nr. 7035 STUBAI Ausdrehstahl, gerade
N° 7035 STUBAI Scraper, square/side cut







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7035 15	15 mm	300 mm	490 mm	320 g	1	848945
7035 25	25 mm	300 mm	490 mm	380 g	1	848952

Spezialwerkzeug zur Feinbearbeitung von innenliegenden Flächen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten

Ideal tool for blending inside squares and square bottoms of boxes. Ideal also for undercutting work.

Nr. 7037 STUBAI Ausdrehstahl
N° 7037 STUBAI Multi-Tip scraper



Artikel Nummer	Breite mm	 mm	 mm	Abb. Nr.			EAN-Nr. 9002793
7037 03	lt. Abb.	300 mm	490 mm	--	430 g	1	850337
7037 91	rund			1	20 g	1	851983
7037 92	4-eckig			2	20 g	1	851990
7037 93	birnform			3	20 g	1	852003

Mit 3 verschiedenen Formplatten.





Spezialwerkzeug zur Feinbearbeitung von innenliegenden Flächen und Rundungen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten.

With 3 different shaped tips.

Ideal tool for blending inside curves and squares. Developed to offer the full range of scraper shapes on one handle, with round, square and pear shaped cutters.

Nr. 7040 STUBAI Ringschneider
N° 7040 STUBAI Captive ring tool



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7040 06	6 mm	300 mm	370 mm	220 g	1	848983
7040 10	10 mm	300 mm	370 mm	230 g	1	848990
7040 12	12 mm	300 mm	370 mm	250 g	1	849003





Kombi-Ausführung

Rechts und links verwendbar. Ideales Werkzeug zur Herstellung von festsitzenden oder losen Ringen aller Art (wie z.B. Vorhangringe) sowie von Bilderrahmen oder Schmuckgegenständen

To be used right or left. Specially designed for producing rings that are captured by the workpiece and feature a double bevel which results in only one tool being necessary to complete a ring.

Nr. 7038 STUBAI Ringmesser, HSS Schneidkopf tauschbar
N° 7038 STUBAI Ringcutter, head changeable





Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7038 12	12 mm	300 mm	550 mm	620 g	1	868059
7038 20	20 mm	300 mm	600 mm	645 g	1	868042

Verwendung ausschließlich zum Ausdrehen in Stirnholz (Längsholz), HSS Schneidkopf austauschbar

This tool has a double bevel HSS ring and produces a super finish on end grain and internal curved surfaces.

Nr. 7039 STUBAI HSS Schneidkopf
N° 7039 STUBAI HSS-Cuttinghead

Artikel Nummer	Breite mm	 g		EAN-Nr. 9002793
7039 12	12 mm	30 g	1	868035
7039 20	20 mm	40 g	1	868028





Schneidkopf für Nr. 7038 12/ 5938 12



Fits to N° 7038 12/ 5938 12

Nr. 7042 STUBAI HSS Kugelschneider m. Heft
N° 7042 STUBAI HSS- Ballcutter w. handle



Artikel Nummer	Breite mm	 g		EAN-Nr. 9002793
7042 14	14 mm	610 g	1	876245
7042 19	19 mm	630 g	1	876252

Nr. 7043 STUBAI HSS Schneidkopf
N° 7043 STUBAI HSS-Cuttinghead

Artikel Nummer	Breite mm	 g		EAN-Nr. 9002793
7043 14	14 mm	32 g	1	876269
7043 19	19 mm	43 g	1	876276

Schneidkopf für Nr. 7042

Fits to N° 7042





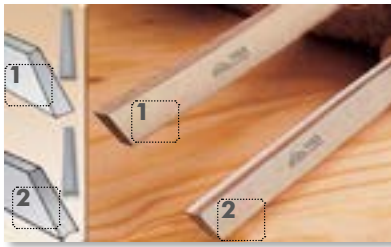
HSS Abstecher





Dieses Werkzeug dient in erster Linie zum Abstechen von Langholz und zum Schneiden von kleinen Platten. Verwendung vor allem dort, wo es nicht möglich ist, mit dem Meißel abzustechen.





HSS-Parting Tools

Used to part the finished object off from the waste material and also to produce small plates. Especially used on projects where it is not possible to part off with a chisel.

Nr. 7050/55 STUBAI HSS Abstecher
N° 7050/55 STUBAI HSS Parting tool



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7050 03	15 x 3 mm	300 mm	480 mm	230 g	1	849089
7050 06	15 x 6 mm	300 mm	480 mm	300 g	1	849096

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7055 06	15 x 6 mm	300 mm	480 mm	290 g	1	849126

siehe Abb. 1

Konisch geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

see picture 1: The sharp edges give clean cuts and the tapered profile reduces the risk of binding in the cut.

siehe Abb. 2





Konisch und hohl geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

see picture 2: The tapered profile reduces the risk of binding in the cut. The milled flute running along the bottom edge creates two sharp spurs at the cutting face.

Nr. 7056 STUBAI HSS Abstecher quadratisch

N° 7056 STUBAI HSS Parting tool, square



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7056 05	5 x 5 mm	300 mm	445 mm	210 g	1	861388
7056 10	10 x 10 mm	300 mm	445 mm	290 g	1	861395





Diamantförmig geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

This tool is shaped to give clearance to the cut. The special profile reduces the risk of binding in the cut.

Nr. 7058 STUBAI HSS Abstecher, Diamant-Form

N° 7058 STUBAI HSS Parting tool, diamond section



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7058 05	5 mm	300 mm	480 mm	280 g	1	849140





Diamantförmig geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

This tool is shaped to give clearance to the cut. The special profile reduces the risk of binding in the cut.

Nr. 7060 STUBAI Langlochbohrer

N° 7060 STUBAI Long hole drill



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7060 10	10 mm	240 mm	800 mm	512 g	1	850351







HSS Mikro Drehseisen

Die Mikro-Drehseisen sind in der Anwendung gleich wie ihre größeren Geschwister, geben jedoch bessere Kontrollmöglichkeiten und Flexibilität für Detailarbeiten. Diese sind auch ideal für kleinere Drechselbänke, wo das Arbeiten mit den normalen Werkzeugen ein Problem darstellt.

HSS-Micro Turning Tools





The use of the micro turning tools is the same as with the larger turning tools, but they provide better tool control and flexibility for fine detail work. They are also ideal for working on smaller lathes where it is a problem with conventional tools.

Nr. 7081 STUBAI Mikro-Formröhre
N° 7081 STUBAI Micro-spindle gouge

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7081 03	3 mm	160 mm	230 mm	80 g	1	849188







Nr. 7082 STUBAI Mikro-Formröhre
N° 7082 STUBAI Micro-spindle gouge

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7082 06	6 mm	160 mm	230 mm	90 g	1	849195







Nr. 7083 STUBAI Mikro Flachmeißel, schräg
N° 7083 STUBAI Micro-chisel, skew

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7083 06	6 mm	160 mm	230 mm	90 g	1	849201







Nr. 7084 STUBAI Mikro-Flachstahl, rund
N° 7084 STUBAI Micro-scraper, round nose

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7084 06	6 mm	160 mm	230 mm	90 g	1	849218







Nr. 7085 STUBAI Mikro-Flachstahl, spitz
N° 7085 STUBAI Micro-scraper, pointed

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7085 02	2 mm	160 mm	230 mm	90 g	1	849232



Nr. 7087 STUBAI Mikro-Ausdrehstahl quer, 80° geb.
N° 7087 STUBAI Micro-hollowing scraper, square 80°

Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7087 06	6 mm	160 mm	240 mm	120 g	1	850313





HSS-Turning tools without handles

Nr. 5905 STUBAI Formröhren ohne Heft

N° 5905 STUBAI HSS-spindle gouge, without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5905 07	7 mm	180 mm	70 g	1	847566
5905 10	10 mm	180 mm	120 g	1	847573
5905 13	13 mm	180 mm	138 g	1	847580
5905 18	18 mm	180 mm	188 g	1	847597

Nr. 5905 STUBAI Schruppröhren ohne Heft

N° 5905 STUBAI HSS-spindle gouge, without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5905 22	22 mm	180 mm	230 g	1	847603
5905 27	27 mm	180 mm	260 g	1	847610
5905 32	32 mm	180 mm	300 g	1	847627

Nr. 5908 STUBAI Schruppröhren, ohne Heft, schw. Ausführung

N° 5908 STUBAI Roughing-out gouge, heavy duty

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5908 19	19 mm	180 mm	250 g	1	847634
5908 32	32 mm	180 mm	390 g	1	847641

Nr. 5910 STUBAI Schüssel-Drehröhren ohne Heft

N° 5910 STUBAI Bowl gouge without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5910 08	8 mm	300 mm	140 g	1	847658
5910 10	10 mm	300 mm	200 g	1	911090
5910 13	13 mm	300 mm	300 g	1	847665
5910 16	16 mm	300 mm	448 g	1	847672
5910 20	20 mm	300 mm	740 g	1	508740
5910 25	25 mm	420 mm	1400 g	1	508757

Nr. 5920 STUBAI Drehmeißel ohne Heft, schräg

N° 5920 STUBAI Chisel without handle, skew

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5920 12	12 mm	180 mm	120 g	1	508849
5920 15	15 mm	180 mm	150 g	1	508856
5920 20	20 mm	180 mm	194 g	1	508863
5920 25	25 mm	180 mm	240 g	1	508870
5920 30	30 mm	180 mm	280 g	1	508887
5920 35	35 mm	180 mm	320 g	1	508894

Nr. 5922 STUBAI Flachstahl ohne Heft, rund

N° 5922 STUBAI Scraper without handle, round nose

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5922 12	12 mm	180 mm	120 g	1	847689
5922 15	15 mm	180 mm	150 g	1	847696
5922 20	20 mm	180 mm	190 g	1	847702
5922 25	25 mm	180 mm	240 g	1	847719
5922 30	30 mm	180 mm	280 g	1	847726
5922 35	35 mm	180 mm	320 g	1	847733

Nr. 5924 STUBAI Flachstahl ohne Heft, gerade

N° 5924 STUBAI Scraper without handle, square end

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5924 12	12 mm	180 mm	120 g	1	847740
5924 15	15 mm	180 mm	150 g	1	847757
5924 20	20 mm	180 mm	190 g	1	847764
5924 25	25 mm	180 mm	240 g	1	847771
5924 30	30 mm	180 mm	280 g	1	847788
5924 35	35 mm	180 mm	320 g	1	847795

Nr. 5926 STUBAI Flachstahl ohne Heft, spitz

N° 5926 STUBAI Scraper without handle, pointed

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5926 12	12 mm	180 mm	120 g	1	847801
5926 15	15 mm	180 mm	150 g	1	847818
5926 20	20 mm	180 mm	190 g	1	847825
5926 25	25 mm	180 mm	240 g	1	847832
5926 30	30 mm	180 mm	280 g	1	847849
5926 35	35 mm	180 mm	320 g	1	847856

Nr. 5928 STUBAI Oval-Drehmeißel ohne Heft, schräg

N° 5928 STUBAI Oval-Chisel without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5928 12	12 mm	180 mm	90 g	1	847863
5928 15	15 mm	180 mm	110 g	1	847870
5928 20	20 mm	180 mm	184 g	1	847887
5928 25	25 mm	180 mm	210 g	1	847894
5928 30	30 mm	180 mm	266 g	1	847900
5928 35	35 mm	180 mm	328 g	1	847917

Nr. 5930 STUBAI Ausdrehstahl ohne Heft, rund

N° 5930 STUBAI Scraper without handle, round/side cut

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5930 15	15 mm	180 mm	140 g	1	508917
5930 25	25 mm	180 mm	190 g	1	508931

Nr. 5935 STUBAI Ausdrehstahl ohne Heft, gerade

N° 5935 STUBAI Scraper without handle, square/side cut

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5935 15	15 mm	180 mm	150 g	1	847924
5935 25	25 mm	180 mm	210 g	1	847931

Nr. 5940 STUBAI Ringscheider ohne Heft, Kombi-Ausf.

N° 5940 STUBAI Captive ring tool without handle, comb.

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5940 06	6 mm	120 mm	90 g	1	847948
5940 10	10 mm	120 mm	90 g	1	847955
5940 12	12 mm	120 mm	130 g	1	508962

Nr. 5945 STUBAI Ringmesser ohne Heft

N° 5945 STUBAI Ring tool without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5945 12	12 mm	220 mm	140 g	1	847962
5945 25	25 mm	330 mm	310 g	1	847979

Nr. 5950 STUBAI Abstecher ohne Heft, konisch geschliffen

N° 5950 STUBAI Parting tool without handle, tapered profile

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5950 03	15 x 3 mm	180 mm	70 g	1	847986
5950 06	15 x 6 mm	180 mm	130 g	1	847993

Nr. 5955 STUBAI Abstecher ohne Heft, konisch/ hohl geschliffen

N° 5955 STUBAI Parting tool without handle, tapered, milled groove

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5955 06	15 x 6 mm	180 mm	130 g	1	848006

Nr. 5956 STUBAI Abstecher ohne Heft, quadratisch

N° 5956 STUBAI Parting tool without handle, square

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5956 05	5 x 5 mm	180 mm	70 g	1	861401
5956 10	10 x 10 mm	180 mm	130 g	1	861418

Nr. 5958 STUBAI Abstecher ohne Heft, Diamant-Form

N° 5958 STUBAI Parting tool without handle, diamond section

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
5958 05	5 mm	180 mm	120 g	1	848013



Das Grundmaterial unserer

HSS-Drechselwerkzeuge ist hochlegierter WOLFRAM-MOLYBDÄN-STAHLL, hergestellt von erfahrenen Meisterschmieden. Hochleistungs-Schnell-Stahl hat gegenüber herkömmlich gehärtetem Werkzeugstahl entscheidende Vorteile: Anlaßbeständigkeit: beim Schleifen ist ein Verbrennen nahezu unmöglich Hoher Härtewert: gute Schneidhaltigkeit auch bei harten Hölzern und hoher Drehgeschwindigkeit Hohe Verschleißfestigkeit: mindestens 6-fache Standzeit der Schneide gegenüber herkömmlichem Werkzeugstahl

The basic material of our

HSS wood turning tools is high-alloy TUNGSTEN-MOLYBDENUM STEEL produced by experienced top quality manufacturers. Our heavy-duty high-speed steel has distinct advantages over conventionally hardened tool steel: Resistance to softening on tempering: overheating during grinding is practically impossible High degree of hardness: the tool will hold a keen cutting edge even when working hard woods or at a high rotation speed High resistance to wear: the life of the cutting edge is six times the life of conventional tool steel

- Arbeitsbereich Härte HRC 63, optimale Schneidhaltigkeit
- Arbeitsbereich Härte HRC 63, optimale Schneidhaltigkeit Klinge fein poliert, aus HSS Stahl
- Stahlzwinge
- Marke ‚STUBAI‘ garantiert höchste Qualität

- Blade hardness HRC 63 ensures optimum cutting edge
- Finely polished blade from High Speed Steel
- Steel Ferrule
- Trademark STUBAI, a guarantee for highest quality

- Heft aus Edelholz, ergonomisch geformt, glatt lackiert
- Abschlusskappe mit Firmenlogo

- Handle made of Cherrywood, ergonomically shaped, polished smoothly
- Cap





HSS Drehröhren





Mit den Drehröhren wird stets die erste Arbeit an der Drechselbank geleistet. Das in seinem Querschnitt noch unrunde Werkstück, sei es quadratisch oder vieleckig, wird mit den Schruppröhren auf zylindrische Form gebracht

HSS-Gouges

The initial work on the lathe is always done with the turning gouges. The uneven or square spindle stock is brought to a cylindrical shape with the roughing-out gouges.

Nr. 7105 STUBAI Formröhren N° 7105 STUBAI Spindle gouge







Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7105 07	7 mm	300 mm	480 mm	320 g	1	848068
7105 10	10 mm	300 mm	480 mm	380 g	1	848075
7105 13	13 mm	300 mm	480 mm	434 g	1	848082
7105 18	18 mm	300 mm	480 mm	440 g	1	848099

Nahezu alle geschweiften Formen werden mit diesem Werkzeug vorgedreht und soweit wie möglich sauber geschlichtet.

Almost all curved shapes can be turned and made to a good smooth finish with this tool.

Nr. 7105 STUBAI Schruppröhren N° 7105 STUBAI Roughing-out gouge







Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7105 22	22 mm	300 mm	480 mm	494 g	1	848136
7105 27	27 mm	300 mm	480 mm	520 g	1	848143
7105 32	32 mm	300 mm	480 mm	588 g	1	848150

Für den ersten Arbeitsschritt an der Drechselbank. Mit der Schruppröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen.

Designed for the initial turning on uneven or square spindle stock to round.

Nr. 7108 STUBAI Schruppröhren, schw. Ausführung N° 7108 STUBAI Roughing-out gouge, heavy duty







Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7108 19	19 mm	300 mm	480 mm	500 g	1	848181
7108 32	32 mm	300 mm	480 mm	620 g	1	848198

Schwere Ausführung. Für den ersten Arbeitsschritt an der Drechselbank. Mit der Schruppröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen.

This heavy duty gouge is designed for the initial turning on uneven or square spindle stock to round.

Nr. 7110 STUBAI Schüssel-Drehröhren N° 7110 STUBAI Bowl gouge, deep fluted



Artikel Nummer	Breite mm	 mm	 mm	 g		EAN-Nr. 9002793
7110 08	8 mm	400 mm	650 mm	530 g	1	848259
7110 10	10 mm	400 mm	650 mm	612 g	1	848266
7110 13	13 mm	400 mm	650 mm	718 g	1	848273
7110 16	16 mm	400 mm	650 mm	840 g	1	848280
7110 20	20 mm	400 mm	730 mm	1168 g	1	848297

Besonders im Bereich des Querholzdrehselns wird das Werkzeug außergewöhnlich belastet. Hier ist die HSS Spezial-Schüsseldrehröhre den herkömmlichen Röhren weit überlegen. Die besondere Form dieses Werkzeuges erlaubt eine rasche und starke Spanabnahme bei absoluter Sicherheit gegen Abfangen des Werkzeuges während des Drehselns und sorgt für eine saubere Oberfläche.

The performance of the tool is particularly important when working against the grain. Our special HSS bowl gouge is far more suitable for this kind of work than conventional gouges. The special shape of this tool allows shavings to be removed quickly and efficiently and prevents the tool from being caught in the wood during turning.

Nr. 7120 STUBAI Flachmeißel, schräg

N° 7120 STUBAI Chisel, skew



Artikel Nummer	Breite mm	mm	mm	g		EAN-Nr. 9002793
7120 15	15 mm	300 mm	490 mm	446 g	1	848372
7120 20	20 mm	300 mm	490 mm	450 g	1	848389
7120 25	25 mm	300 mm	490 mm	490 g	1	848396
7120 30	30 mm	300 mm	490 mm	540 g	1	848402
7120 35	35 mm	300 mm	490 mm	570 g	1	848419

Unentbehrlich ist dieser schräge Drehmeißel zum Ein und Abstechen. Verwendung hauptsächlich zum Formen in Langholz.

This skew chisel is indispensable for parting and for making V-cuts. Also for shaping along the grain.
Nr. 7122 STUBAI Flachmeißel, rund

N° 7122 STUBAI Scraper, round nose



Artikel Nummer	Breite mm	mm	mm	g		EAN-Nr. 9002793
7122 15	15 mm	300 mm	490 mm	428 g	1	848495
7122 20	20 mm	300 mm	490 mm	462 g	1	848501
7122 25	25 mm	300 mm	490 mm	490 g	1	848518
7122 30	30 mm	300 mm	490 mm	516 g	1	848525
7122 35	35 mm	300 mm	490 mm	588 g	1	848532

Werden zum Bearbeiten von Querholz (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Dreh- oder Schüsselröhre können mit diesem Werkzeug noch Nach- und Enderbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist RUND und hat nur auf einer Seite die Fase angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.
Nr. 7124 STUBAI Flachmeißel, gerade

N° 7124 STUBAI Scraper, square end



Artikel Nummer	Breite mm	mm	mm	g		EAN-Nr. 9002793
7124 15	15 mm	300 mm	490 mm	440 g	1	848617
7124 25	25 mm	300 mm	490 mm	508 g	1	848631
7124 35	35 mm	300 mm	490 mm	508 g	1	848655

Werden zum Bearbeiten von Querholz (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Drehröhre oder der Schüsselröhre können mit diesem Werkzeug noch Nacharbeiten und Enderbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist GERADE und hat nur auf einer Seite die Fase angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.
Nr. 7126 STUBAI Flachmeißel, spitz

N° 7126 STUBAI Scraper, pointed



Artikel Nummer	Breite mm	mm	mm	g		EAN-Nr. 9002793
7126 12	12 mm	300 mm	490 mm	338 g	1	848723
7126 15	15 mm	300 mm	490 mm	412 g	1	848730
7126 20	20 mm	300 mm	490 mm	462 g	1	848747
7126 25	25 mm	300 mm	490 mm	504 g	1	848754
7126 30	30 mm	300 mm	490 mm	528 g	1	848761
7126 35	35 mm	300 mm	490 mm	590 g	1	848778

Werden zum Bearbeiten von QUERHOLZ (wie z.B. Schüsseln, Dosen, Teller usw.) verwendet. Nach dem Vorarbeiten mit der herkömmlichen Drehröhre oder der Schüsselröhre können mit diesem Werkzeug noch Nacharbeiten und Enderbeiten ausgeführt werden. Durch die feine Spanabnahme ist eine saubere Oberfläche möglich. Verwendung mit Grat. Das Eisen ist SPITZ und einfach angeschliffen.

Used for working across the grain, e.g. bowls, plates etc. When the first stages of work have been completed with a spindle or bowl gouge these tools are used to give a smooth finish on all surfaces. These scrapers should be used with burr on edge.







HSS Ausdrehstähle
Aufgabe der Ausdrehstähle besteht darin, die auf ihre Grundform ausgeschruppten Wandungen zu schlichten

HSS-Scrapers
Specially designed for finishing the bottoms of bowls and boxes. These tools will also help to undercut the shoulders of vessels.

Nr. 7130 STUBAI Ausdrehstahl, rund
N° 7130 STUBAI Scraper, round/side cut







Artikel Nummer	Breite mm					EAN-Nr. 9002793
7130 15	15 mm	300 mm	490 mm	402 g	1	848921

Spezialwerkzeug zur Feinbearbeitung von innenliegenden Rundungen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten.

Ideal tool for blending inside curves and curved bottoms of vessels and boxes. Ideal also for undercutting work.

Nr. 7135 STUBAI Ausdrehstahl, gerade
N° 7135 STUBAI Scraper, square/side cut






Artikel Nummer	Breite mm					EAN-Nr. 9002793
7135 15	15 mm	300 mm	490 mm	428 g	1	848969

Spezialwerkzeug zur Feinbearbeitung von innenliegenden Flächen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten.

Ideal tool for blending inside squares and square bottoms of boxes. Ideal also for undercutting work.

Nr. 7137 STUBAI Ausdrehstahl, versch. Formen
N° 7137 STUBAI Multi-Tip scraper



Artikel Nummer	Breite mm			Abb. Nr.			EAN-Nr. 9002793
7137 03	lt. Abb.	300 mm	490 mm		556 g	1	850344
7037 91	rund			1	20 g	1	851983
7037 92	4-eckig			2	20 g	1	851990
7037 93	birnform			3	20 g	1	852003

Mit 3 verschiedenen Formplatten. Spezialwerkzeug zur Feinbearbeitung von innenliegenden Flächen und Rundungen, z.B. bei Dosen oder Schalen, sowie zum Hinterschneiden von Drechselarbeiten.



With 3 different shaped tips. Ideal tool for blending inside curves and squares. Developed to offer the full range of scraper shapes on one handle, with round, square and pear shaped cutters.

HSS Ringschneider

HSS-Ring Tools

Nr. 7039 STUBAI HSS Schneidkopf
N° 7139 STUBAI HSS-Cuttinghead







Artikel Nummer	Breite mm			EAN-Nr. 9002793
7039 12	12 mm	30 g	1	868035
7039 20	20 mm	40 g	1	868028

Schneidkopf für Nr. 7038 12/ 5938 12

Fits to N° 7038 12/ 5938 12

Nr. 7140 STUBAI Ringschneider
N° 7140 STUBAI Captive ring tool







Artikel Nummer	Breite mm					EAN-Nr. 9002793
7140 06	6 mm	240 mm	370 mm	326 g	1	849010
7140 10	10 mm	240 mm	370 mm	344 g	1	849027
7140 12	10 mm	240 mm	370 mm	418 g	1	849034

Kombi- Ausführung rechts und links verwendbar. Ideales Werkzeug zur Herstellung von festsitzenden oder losen Ringen aller Art (wie z.B. Vorhangringe) sowie von Bilderrahmen oder Schmuckgegenständen.

To be used right or left. Specially designed for producing rings that are captured by the workpiece and feature a double bevel which results in only one tool being necessary to complete a ring.

Nr. 7138 STUBAI Ringmesser mit Griff
N° 7138 STUBAI Ringcutter with handle



Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7138 12	12 mm	300 mm	550 mm	620 g	1	870809
7138 20	20 mm	300 mm	600 mm	645 g	1	870793

Verwendung ausschließlich zum Ausdrehen in Stirnholz (Längsholz).

This tool has a double bevel HSS ring and produces a super finish on end grain and internal curved surfaces.

HSS Abstecher





Dieses Werkzeug dient in erster Linie zum Abstechen von Langholz und zum Schneiden von kleinen Platten. Verwendung vor allem dort, wo es nicht möglich ist, mit dem Meißel abzustechen.

HSS-Parting Tools

Used to part the finished object off from the waste material and also to produce small plates. Especially used on projects where it is not possible to part off with a chisel.

Nr. 7150/55 STUBAI Abstecher
N° 7150/55 STUBAI HSS-Parting tool



Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7050 03	15 x 3 mm	300 mm	480 mm	230 g	1	849089
7050 06	15 x 6 mm	300 mm	480 mm	300 g	1	849096

siehe Abb. 1





Konisch geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

see picture 1: The sharp edges give clean cuts and the tapered profile reduces the risk of binding in the cut.

siehe Abb. 2





Konisch und hohl geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

see picture 2: The tapered profile reduces the risk of binding in the cut. The milled flute running along the bottom edge creates two sharp spurs at the cutting face.

Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7055 06	15 x 6 mm	300 mm	480 mm	290 g	1	849126

Nr. 7158 STUBAI Abstecher
N° 7158 STUBAI HSS-Parting tool





Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
7058 05	5 mm	300 mm	480 mm	280 g	1	849140

Diamantförmig geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

Diamond section. This tool is shaped to give clearance to the cut. The special profile reduces the risk of binding in the cut.

Nr. 7160 STUBAI Langlochbohrer
N° 7160 STUBAI Long hole drill



Artikel Nummer	Breite mm			EAN-Nr. 9002793
7160 10	10 mm	612 g	1	850368



HSS Mikro Drehseisen

Die Mikro-Drehseisen sind in der Anwendung gleich wie ihre größeren Geschwister, geben jedoch bessere Kontrollmöglichkeiten und Flexibilität für Detailarbeiten. Diese sind auch ideal für kleinere Drehselbänke wo das Arbeiten mit den normalen Werkzeugen ein Problem darstellt.

HSS-Micro Turning Tools

The use of the micro turning tools is the same as with the larger turning tools, but they provide better tool control and flexibility for fine detail work. They are also ideal for working on smaller lathes where it is a problem with conventional tools.

Nr. 7181 STUBAI Mikro-Schüsselröhre
N° 7181 STUBAI Micro-bowl gouge

Artikel Nummer	Breite mm					EAN-Nr. 9002793
7181 03	3 mm	160 mm	230 mm	100 g	1	846590



Nr. 7182 STUBAI Mikro-Schüsselröhre
N° 7182 STUBAI Micro-bowl gouge

Artikel Nummer	Breite mm					EAN-Nr. 9002793
7182 06	6 mm	160 mm	230 mm	122 g	1	846606



Nr. 7185 STUBAI Mikro-Flachstahl, spitz
N° 7185 STUBAI Micro-scraper, pointed

Artikel Nummer	Breite mm					EAN-Nr. 9002793
7185 02	2 mm	160 mm	230 mm	98 g	1	849249



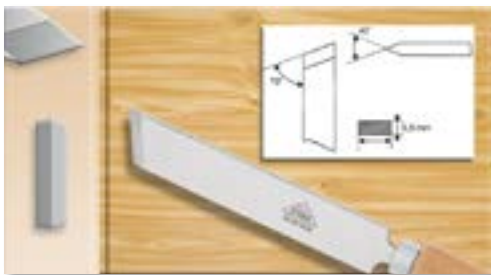
Nr. 7187 STUBAI Mikro-Ausdrehstahlquer, 80° geb.
N° 7187 STUBAI Micro-hollowing scraper, square, 80°

Artikel Nummer	Breite mm					EAN-Nr. 9002793
7187 06	6 mm	160 mm	240 mm	152 g	1	850320



WS Drehseisen Hobby Wood Turning Tools, Carbon Steel Hobby

Nr. 3622 STUBAI WS-Flachmeißel, schräg
N° 3622 STUBAI Chisel, skew



Artikel Nummer	Breite mm					EAN-Nr. 9002793
3622 08	8 mm	240 mm	425 mm	185 g	1	305776
3622 10	10 mm	240 mm	425 mm	216 g	1	305783
3622 12	12 mm	240 mm	425 mm	224 g	1	305790
3622 15	15 mm	240 mm	425 mm	237 g	1	305806
3622 20	20 mm	240 mm	425 mm	280 g	1	305813
3622 25	25 mm	240 mm	425 mm	320 g	1	305820
3622 30	30 mm	240 mm	425 mm	350 g	1	305837
3622 35	35 mm	240 mm	425 mm	450 g	1	305844

Hochwertiger Chromstahl von größter Schneidhaltigkeit, Klinge schräg geschliffen, für alle Dreharbeiten, zur Formgebung und zum Feindreihen von Rohlingen

High quality carbon steel with excellent edge-holding ability, bevel-edged blade, suited for shaping and finishing

Nr. 3628 STUBAI WS-Formröhre
N° 3628 STUBAI Spindle gouge







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
3628 08	8 mm	240 mm	425 mm	220 g	1	305851
3628 10	10 mm	240 mm	425 mm	208 g	1	305868
3628 13	13 mm	240 mm	425 mm	230 g	1	305875
3628 18	18 mm	240 mm	425 mm	280 g	1	305882
3628 22	22 mm	240 mm	425 mm	348 g	1	305899
3628 27	27 mm	240 mm	425 mm	355 g	1	305905
3628 32	32 mm	240 mm	425 mm	400 g	1	305912

Hochwertiger Chromstahl von größter Schneidhaltigkeit, Klinge hohl, rund geschliffen, für schnelle grobe Formgebung des Rohlings

High quality carbon steel with excellent edge-holding ability, concave shaped blade, for rough shaping

Nr. 3632 STUBAI WS-Abstecher
N° 3632 STUBAI Parting tool, tapered







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
3632 06	6 x 15 mm	240 mm	425 mm	225 g	1	306056

Hochwertiger Chromstahl von größter Schneidhaltigkeit, zum Einstechen von tiefen Einschnitten und zum Abtrennen des bearbeiteten Rohlings vom Trägermaterial

High quality carbon steel with excellent edge-holding ability, for making deep cuts and for parting off. The tapered profile also reduces the risk of binding in the cut.

Nr. 3634 STUBAI WS-Flachstahl, rund
N° 3634 STUBAI Scraper, round nose







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
3634 12	12 mm	240 mm	425 mm	250 g	1	306063
3634 15	15 mm	240 mm	425 mm	245 g	1	306070
3634 20	20 mm	240 mm	425 mm	285 g	1	306087
3634 25	25 mm	240 mm	425 mm	330 g	1	306094

Hochwertiger Chromstahl von größter Schneidhaltigkeit, Klinge rund, einballig geschliffen

High quality carbon steel with excellent edge-holding ability, single rimmed edge. These scrapers should be used with burr on edge.

Nr. 3636 STUBAI WS-Flachstahl, spitz
N° 3636 STUBAI Scraper, pointed







Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
3636 15	15 mm	240 mm	425 mm	240 g	1	306100
3636 20	20 mm	240 mm	425 mm	285 g	1	306117

Hochwertiger Chromstahl von größter Schneidhaltigkeit, Klinge spitz, einballig geschliffen

High quality carbon steel with excellent edge-holding ability, single rimmed edge. These scrapers should be used with burr on edge.

Nr. 3638 STUBAI WS-Ausdrehstahl, rund
N° 3638 STUBAI Scraper, round/side cut



Artikel Nummer	Breite mm	 mm	 mm			EAN-Nr. 9002793
3638 15	15 mm	240 mm	425 mm	217 g	1	306124
3638 25	25 mm	240 mm	425 mm	302 g	1	306131

Hochwertiger Chromstahl von größter Schneidhaltigkeit, speziell zum Innenausdrehen von Schalen

High quality carbon steel with excellent edge-holding ability, designed for bleinding side walls and bottoms of vessels and undercutting the rims of bowls.

Nr. 3620 STUBAI WS-Flachmeißel ohne Heft, schräg

N° 3620 STUBAI Chisel without handle, skew

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
3620 12	12 mm	180 mm	100 g	1	305721
3620 15	15 mm	180 mm	110 g	1	305738
3620 20	20 mm	180 mm	154 g	1	305745
3620 25	25 mm	180 mm	185 g	1	305752
3620 30	30 mm	180 mm	226 g	1	305769
3620 35	35 mm	180 mm	325 g	1	307800

Nr. 3630 STUBAI WS-Formröhre ohne Heft

N° 3630 STUBAI Spindle gouge without handle

Artikel Nummer	Breite mm	mm	g		EAN-Nr. 9002793
3630 10	10 mm	180 mm	80 g	1	305974
3630 13	13 mm	180 mm	104 g	1	305981
3630 18	18 mm	180 mm	155 g	1	305998
3630 22	22 mm	180 mm	187 g	1	306001
3630 27	27 mm	180 mm	230 g	1	306018
3630 32	32 mm	180 mm	278 g	1	307817

Nr. 5349 STUBAI Abziehstein für Drechseisen

N° 5349 STUBAI Sharpening stone for woodturning tools



Spezieller Abziehstein für HSS-Drechseisen.

Special sharpening stone for HSS-woodturning tools.

Artikel Nummer	g	Größe Size		EAN-Nr. 9002793
5349 20	98 g	150 x 50 x 10 mm	1	865812

Drechselhefte aus Buchen, Erlen oder Edelholz

Handles made of Beech-, Alder- and Cherry Wood

Nr. 3639 STUBAI Buchenholzheft

N° 3639 STUBAI Beech-wood handle



Standard- Ausführung aus Buchenholz, lackiert. Für Mikro Ausführung.

Standard finish, varnished. For micro gouges.

Artikel Nummer	mm	g		EAN-Nr. 9002793
3639 24	240 mm	130 g	1	306155

Nr. 7099 STUBAI Erlenholzheft

N° 7099 STUBAI Alder-wood handles



Aus feinporigem, unlackiertem Erlenholz, welches Schweißbildung vermindert.

Die ergonomische Form gibt sicheren Halt und ist seit Jahrzehnten erprobt.

Made of fine-grained alder wood which absorbs perspiration, natural finish
The ergonomically shaped handles have been tested for years and guarantee a safe grip

Artikel Nummer	mm	g		EAN-Nr. 9002793
7099 16	160 mm	50 g	1	849324
7099 24	240 mm	110 g	1	849331
7099 30	300 mm	140 g	1	849348
7099 40	400 mm	180 g	1	849355

Art. Nr. 7099 16 u. 7099 24 für Mikro Eisen.

Art. Nr. 7099 30 u. 7099 40 für Standard Ausführung

Art. n° 7099 16 + 7099 24 for micro gouges.

Art. n° 7099 30 + 7099 40 for standard gouges.

Nr. 7199 STUBAI Edelholzheft

N° 7199 STUBAI Cherrywood handles



Exklusiv-Ausführung für gehobene Ansprüche aus PAU-ROSA-Edelholz

Exclusive Line, exklusive design, made of Cherrywood

Artikel Nummer	mm	g		EAN-Nr. 9002793
7199 16	160 mm	80 g	1	849362
7199 24	240 mm	210 g	1	849379
7199 30	300 mm	240 g	1	849393
7199 40	400 mm	380 g	1	849409



Drechselsätze mit Buchen, Erlen oder Edelholzhefte

Turning Tool Sets with Beech-, Alder- and Cherry-Wood Handles

Nr. 3610 STUBAI WS-Drechsleisen-Set 5-tlg.
N° 3610 STUBAI Woodturning Chisel Set, 5-pcs



Buchenholz 240 mm
Beech wood 240 mm



Artikel Nummer	Inhalt content			EAN-Nr. 9002793
3610 05	5-tlg	1300 g	1	305639

Bestehend aus je 1 Stk. Hefte aus Buchenholz 240 mm. 3622 12, 3628 13, 3632 06, 3634 12, 3638 15 inkl. Rolltasche

Consisting of 1 piece each: 3622 12, 3628 13, 2632 06, 3634 12, 3638 15 with beech wood handles 240 mm with tool roll

Nr. 7092/ 7192 STUBAI HSS-Drechsleisen- Set 4-tlg.
N° 7092/ 7192 STUBAI HSS-Turning tool set



Erlenholz 240 mm
Alder wood 240 mm



Edelholz 240 mm
Cherry wood 240 mm



Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7092 04	4-tlg	2150 g	1	849300

Bestehend aus je 1 Stk: Hefte aus Erlenholz 240 mm. 7005 13, 7005 22, 7020 25, 7055 06. Set in Holzkassette

Consisting of 1 piece each: 7005 13, 7005 22, 7020 25, 7055 06 with 240, alder wood handles. Set with wooden case.

Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7192 04	4-tlg	2500 g	1	850771

Bestehend aus je 1 Stk: Exklusive-Line Hefte aus Edelholz 240 mm. 7105 13, 7105 22, 7120 25, 7155 06. In Holzkassette

Consisting of 1 piece each Exclusive Line: 7105 13, 7105 22, 7120 25, 7155 06 with 240 mm Cherry wood handles. Set with wooden case.

Nr. 7094/ 7194 STUBAI HSS-Drechsleisen- Set 4-tlg., für Querholz
N° 7094/7194 STUBAI HSS-Turning tool set



Erlenholz 240 mm
alder wood 240 mm



Edelholz 240 mm
cherry wood 240 mm



Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7094 04	4-tlg	2382 g	1	849317

Bestehend aus je 1 Stk: 7110 13, 7122 20, 7124 20, 7130 25. Set in Holzkassette.

Consisting of 1 piece each: 7010 13, 7022 20, 7024 20, 7030 25 with 240 mm alder wood handles. Set with wooden case

Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7194 04	4-tlg	2750 g	1	850788

Bestehend aus je 1 Stk: 7110 13, 7122 20, 7124 20, 7130 25

Consisting of 1 piece each: 7110 13, 7122 20, 7124 20, 7130 25 with 240 mm cherry wood handles

Nr. 7090/ 7190 STUBAI HSS-Drechsleisen- Grundset 7-tlg.
N° 7090/7190 STUBAI HSS-Turning tool basic set 7 pcs



Erlenholz 300 mm
alder wood 300 mm



Edelholz 300 mm
cherry wood 300 mm



Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7090 07	7-tlg	4110 g	1	849270

Bestehend aus je 1 Stk: 7005 10, 7005 18, 7005 27, 7020 15, 7020 30, 7024 20, 7050 06. Set in Holzkassette

Consisting of 1 piece each: 7005 10, 7005 18, 7005 27, 7020 15, 7020 30, 7024 20, 7050 06 with 300 mm alder wood handles. Set with wooden case.

Artikel Nummer	Inhalt content			EAN-Nr. 9002793
7190 07	7-tlg	5300 g	1	849287

Bestehend aus je 1 Stk: 7105 10, 7105 18, 7105 27, 7120 15, 7120 30, 7124 20, 7150 06. Set in Holzkassette.

Consisting of 1 piece each: 7105 10, 7105 18, 7105 27, 7120 15, 7120 30, 7124 20, 7150 06 with 300 mm cherry wood handles. Set with wooden case.

STUBAI Art. Nr. S707004 Drechselset 4-tlg.
Woodturning set 4 pcs.



Art. Nr. 7008 19

Art. Nr. 7005 13

Art. Nr. 7058 05

Art. Nr. 7010 13

Art. Nr. 7008 19 Schruppröhre schw. Ausführung
Roughing-out gouge, heavy duty

Für den ersten Arbeitsschritt an der Drechselbank. Mit der Schruppröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen.

This heavy duty gouge is designed for the initial turning on uneven or square spindle stock to round.

Art. Nr. 7005 13 Formröhre
Spindle gouge

Nahezu alle geschweiften Formen werden mit diesem Werkzeug vorgedreht und soweit wie möglich sauber geschliffen.

Almost all curved shapes can be turned and made to a good smooth finish with this tool.

Art. Nr. 7058 05 Abstecher, Diamant Form
Parting tool, diamond section

Diamantförmig geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte




This tool is shaped to give clearance to the cut. The special profile reduces the risk of binding in the cut.

Art. Nr. 7010 13 Schüssel-Drehröhre
Bowl gouge, deep fluted

Besonders im Bereich des Querholzdrehselns wird das Werkzeug außergewöhnlich belastet. Hier ist die HSS Spezial- Schüsseldrehröhre den herkömmlichen Röhren weit überlegen. Die besondere Form dieses Werkzeuges

erlaubt eine rasche und starke Spanabnahme bei absoluter Sicherheit gegen Abfangen des Werkzeuges während des Drehselns und sorgt für eine saubere Oberfläche.

The performance of the tool is particularly important when working against the grain. Our special HSS bowl gouge is far more suitable for this kind of work than conventional gouges. The special shape of this tool allows shavings to be removed quickly and efficiently and prevents the tool from being caught in the wood during turning.

Artikel Nummer	Breite mm	 mm	 mm	 mm	EAN-Nr. 9002793
7008 19	19 mm	300 mm	480 mm	410 g	848167
7005 13	13 mm	300 mm	480 mm	310 g	848044
701013	13 mm	400 mm	650 mm	500 g	848228
7058 05	5 mm	300 mm	480 mm	280 g	849140

ENTSCHEIDUNG FÜR QUALITÄT

STUBAI Art. Nr. S707005 Drechselset 5-tlg Woodturning set 5 pcs.



Art. Nr. 7008 19

Art. Nr. 7005 13

Art. Nr. 7058 05

Art. Nr. 7010 13

Art. Nr. 7020 25

Art. Nr. 7008 19 Schruppröhre schw. Ausführung *Roughing-out gouge, heavy duty*

Für den ersten Arbeitsschritt an der Drechselbank. Mit der Schruppröhre vermag man meist breite Späne wegzudrehen und die Grundform grob vorzudrehen.

This heavy duty gouge is designed for the initial turning on uneven or square spindle stock to round.

Art. Nr. 7005 13 Formröhre *Spindle gouge*

Nahezu alle geschweiften Formen werden mit diesem Werkzeug vorgedreht und soweit wie möglich sauber geschlichtet.

Almost all curved shapes can be turned and made to a good smooth finish with this tool.

Art. Nr. 7058 05 Abstecher, Diamant Form *Parting tool, diamond section*

Diamantförmig geschliffen, dadurch ergeben sich scharfe Schneidekanten für saubere Seitenschnitte

This tool is shaped to give clearance to the cut. The special profile reduces the risk of binding in the cut.

Art. Nr. 7010 13 Schüssel-Drehröhre *Bowl gouge, deep fluted*

Besonders im Bereich des Querholzdrehselns wird das Werkzeug außergewöhnlich belastet. Hier ist die HSS Spezial- Schüsseldrehröhre den herkömmlichen Röhren weit überlegen. Die besondere Form dieses Werkzeuges




erlaubt eine rasche und starke Spanabnahme bei absoluter Sicherheit gegen Abfangen des Werkzeuges während des Drehselns und sorgt für eine saubere Oberfläche.

The performance of the tool is particularly important when working against the grain. Our special HSS bowl gouge is far more suitable for this kind of work than conventional gouges. The special shape of this tool allows shavings to be removed quickly and efficiently and prevents the tool from being caught in the wood during turning.

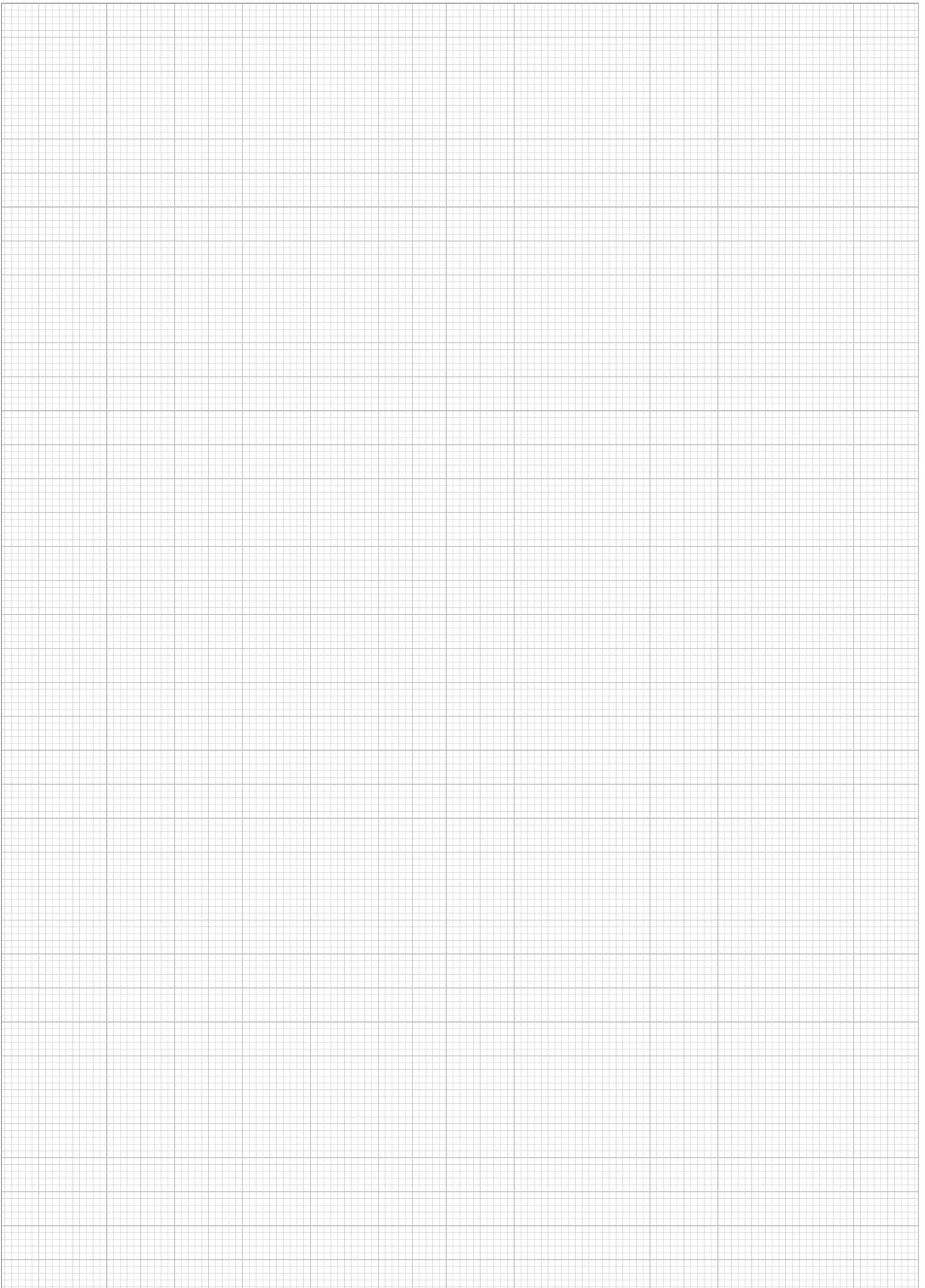
Art. Nr. 7020 25 Flachmeißel, schräg *Chisel, skew*

Unentbehrlich ist dieser schräge Drehmeißel zum Ein und Abstechen. Verwendung hauptsächlich zum Formen in Langholz.

This skew chisel is indispensable for parting and for making V-cuts. Also for shaping along the grain.

Artikel Nummer	Breite mm	 mm	 mm	 g	EAN-Nr. 9002793
7008 19	19 mm	300 mm	480 mm	410 g	848167
7005 13	13 mm	300 mm	480 mm	310 g	848044
701013	13 mm	400 mm	650 mm	500 g	848228
7058 05	5 mm	300 mm	480 mm	280 g	849140
7020 25	25 mm	300 mm	490 mm	400 g	848334

ENTSCHEIDUNG FÜR QUALITÄT

A large, empty grid area for taking notes, consisting of a fine grid of small squares. The grid is bounded by a thin black line on the top, bottom, and right sides, and a dashed line on the left side.



TERMS OF BUSINESS

(Hereinafter, General Conditions "of StubaizlMZVGmbH (hereinafter, Company)" for all legal transactions between the Company and third parties (hereinafter, Contract Partners") Status November 1993

I.(1) If the Company concludes legal transactions (especially purchases and sales) with the Contract Partner on the exclusive basis of these General Conditions. Differing arrangements or general or special conditions of the Contract Partner apply only if they have been separately agreed in writing. (2) If the Contract Partner sends such conditions without having first made a separate agreement, they are null and void. (3) If the Contract Partner intends to accept the Company's General Conditions, they shall separately make notification of this in the negotiations in this regard. A concluded agreement between the Company and the Contract Partner, however, until a written statement has been made to the contrary, these General Conditions of the Company will apply. (4) If these General Conditions remain valid as a whole, even if only their individual provisions are found to be legally ineffective. (5) Any General Conditions of the Company which take effect between the Contract Partner and the Company apply to all future contracts concluded between the parties, even if specific references are made to these conditions. (6) The Company's employees are forbidden from revealing, supplementing or altering these conditions without the Company's authorisation. (7) The Contract Partner shall not transfer his rights and obligations under a contract with the Company to third parties without the Company's written permission. (8) Contract rescissions, supplements and amendments must be in writing to be effective.

II.(1) Offer to the Company can be accepted only by means of a written declaration of acceptance or by actual fulfilment of the bid. It is bound to the offer for 4 weeks from the time they are received by the Company. (2) Offers made by the Company are unequivocally non-binding. The Company is entitled to change or revoke its offer at any time, including after receiving a statement from the Contract Partner. Any contract awarded by the Contract Partner obliges the Company only if it transmits a written order of confirmation to the Contract Partner or actually undertakes fulfilment, regardless of previous auctions. (3) Estimates made by the Company are always non-binding and serve only to invite the Contract Partner to tender. Their creation is free of charge, unless the Contracting Parties previously agreed otherwise. Services which exceed the usual scope of cost estimates such as design, work, construction, plan, travel, etc., will be invoiced using the Company's normal calculation bases. (4) When the Company creates cost estimates, it is obliged to order specific circumstances which it has not made aware. The Contract Partner shall inform the Company of all circumstances which might influence the scope of the work effort and costs. (5) The information about the type, scope, features and prices of the merchandise or services, etc., which is contained in the cost estimates, brochures, circulars, catalogues, illustrations, price lists, is non-binding. (6) Unless otherwise agreed, prices of sales are given in net euros, without VAT and include packaging in the warehouse A-6166 Fulpmes. They do not include loading, freight, insurance, customs fees or other ancillary costs. An increase in production costs (wages, materials, administration, energy, altered form, etc.) between the time of contract conclusion and its fulfilment by the Company entitles it to raise the prices accordingly. Orders without price agreement will be invoiced according to the costs applicable on the day of invoicing, taking the production costs into consideration. (7) Technical changes or deviations from plans and specifications, if they are not accepted by the Contract Partner, are on his account and not run counter to the purpose he is pursuing.

III.(1) All commercial and technical documents created or handed over by the Company remain the property of the Company. Such documents may not be published, disseminated or otherwise used without the Company's written consent. In particular, such documents may not be made available to third parties. (2) The Company is entitled to demand at any time that all documents be returned, with specific provision of the Contract Partner. (3) If the Contract Partner has agreed to a separate agreement that the service delivery will be at the warehouse, the Company is obliged to deliver to the specified location. The location of the delivery to such location will not be deemed carrying a risk. (4) Without an additional agreement, the Company may choose the means of transport and its route. It is entitled to take out insurance for the Contract Partner's invoices, without a separate order from the latter. The costs of this are not included in the price and can be settled when the invoice is due. (2) All risks are transferred to the Contract Partner at the start of fulfilment by the Company. This also applies to partial deliveries regarding the same order. (3) The date of performance is deemed the date on which the Company notifies the Contract Partner that the goods are ready to be shipped. (4) If the Contract Partner transfers the Contract Partner (regardless of any agreed delivery clauses, Incoterms, etc.) if the merchandise leaves the Company's factory or warehouse.

IV.(1) The delivery date is given as calendar week within which performance must be provided and applies to the warehouse. (2) If binding only expressly designated as such. (3) If the Contract Partner is absent on the delivery date in default with the preparations necessary to implement the delivery, they are still deemed to have accepted the performance of delivery. This also applies to partial deliveries. (3) If service delivery is delayed because of circumstances that are not the Company's fault, the period of performance of delivery will be reasonably extended without a separate statement from the Company, being necessary and without the Company being held responsible for any consequences of the delay whatsoever. (4) If the Company is already in arrears, it is making the delay of performance more difficult. (5) The Company is entitled to draw without becoming liable for compensation claims if the execution of the contract is prevented by force majeure. (6) The Company is exempt from its contractual obligations in such cases, even if the Company is entitled to provide performance services. Such prevention is assessed. (4) If the delay is the Company's fault, the Contract Partner is entitled to demand performance or declare their withdrawal from the contract after setting a reasonable grace period of at least six weeks. (5) The Contract Partner shall submit this declaration when the grace period is set in writing, unconditionally, and definitively. (6) The Company is in arrears if it does not comply with the deadline for performance or delivery, continuing until the receipt of agreed advance payment or prompt payment of the outstanding claims. (7) In the event of questions that have arisen subsequently, the availability of all necessary instructions for fulfilment of technical requirements and fulfilment of all other duties, without incurring any consequences of default. (8) Damaged or defective goods are generally excluded to the extent permitted by law, but for slight negligence in any case. (7) The Contract Partner shall be held responsible for obtaining official authorisations and permits of third parties, confirmations and make reports to the authorities. (8) Unless otherwise agreed in writing, the Company is entitled to make partial or full deliveries and to issue partial invoices accordingly. (9) The recipient of the merchandise must make a written report of any damage or loss on receipt of the merchandise as soon as possible to the delivery (e.g. carrier). Acceptance of the goods in voice cannot be used for the grounds of transport damage or short comings. (10) The merchandise produced by the Company will be both accepted and taken over as delivered, if expressly agreed in this case. The Contract Partner shall bear the running costs incurred by both parties, unless otherwise agreed. (11) If the Contract Partner does not accept the contractual goods or services at the right place at the right time, the Company is entitled to draw from the contract after setting a reasonable grace period. (12) The Contract Partner shall be liable for all damage arising herefrom in the event of imminent danger, the Company can sell the goods in the most optimal manner at the Contract Partner's expense, but without becoming liable to pay the Contract Partner compensation. The Company is also entitled to have the merchandise stored with a third party at the Contract Partner's expense. (12) All goods that are returned by the Contract Partner must be initially delivered by the service in advance. A handling fee of 10% will be charged for all returned merchandise.

VI.(1) Unless otherwise agreed in writing, the payment is due 30 days from the invoice date. If payment is made within 10 days from the invoice date, a 2% discount is permissible as long as all liabilities have been paid by the date. (2) Payments with the receipt of bill of exchange are accepted only pending full discharge of the debt. (3) The Contract Partner shall bear all fees and bank commissions incurred from transfers or from creating or redeeming bills of exchange or cheques. (3) If bills of protest are issued, the Contract Partner is responsible for paying all invoices immediately without the need to call them explicitly. (4) If the Company's financial circumstances worsen significantly, (4) If the bill payment is not made by the Company, the Contract Partner shall be held responsible for the necessary. (5) If the Contract Partner's claims that have arisen (or might arise) from agreed contractual penalties are forfeited. (5) If there is a default in payment, the default interest is 4% p.a. (6) If the Contract Partner's interest rate loss, which is not compensated. (6) After the withdrawal from the contract takes effect, the Contract Partner shall immediately and at his expense return to the Company any goods that have already been delivered, pay compensation for any loss of value and reimbursement of any expenses incurred while executing and concluding the contract. (7) Compensation for the damages accrued in respect of the Contract Partner shall pay a contractual penalty of 25% of the gross invoice amount without further verification, claim immediately. (7) The contractual penalty does not exclude the assertion of further damage. (7) The Contract Partner may not offset his claims against those of the Company.

VII.(1) Until the invoice amount has been paid in full, including interest, costs and fees, and until all of the Contract Partner's current and future financial obligations related to the goods delivered and to all the deliveries and services have been fulfilled, the delivered goods will remain in the restricted property of the Company. (2) The Contract Partner shall be held responsible for his own voluntary realisations necessary to establish and maintain the retention of title, depending on the warehouse location. (2) The goods subject to retention of title may be sold or pledged only with the express consent of the Company, and in case after payments have been stopped. In this case, the Contract Partner shall notify his buyer of the Company's retention of title. Regardless of this, if these goods are resold, the Contract Partner hereby irrevocably offers to assign all receivables incurred thereby to the Company, its satisfaction and pending full discharge of the debt. (3) The Company can accept this offer of transfer at any time, without further restriction. The Contract Partner shall bear all related fees and costs. (3) Furthermore, the Contract Partner is not entitled to handle or process the delivered goods or combine them with other items until all financial obligations have been fulfilled. (4) If the Contract Partner is not entitled to sell the goods, the Company is entitled to take possession of the items resulting from such handling, processing and combining. (4) If the delivered goods are attached to other items, the Contract Partner shall notify the Company thereof immediately and at his expense. (5) If the Company's right of ownership in the goods is subject to retention of title, the Company may have them stored at the cost of the Contract Partner. (6) The Contract Partner shall reimburse the Company for all expenses arising in connection with the assertion of its property. (5) Taking back the delivered goods is not to be equated with withdrawing from the contract, unless the Company expressly declares this to be the case.

VIII.(1) Unless special agreements have been made, a warranty period of 6 months will apply from the time the risk is transferred. For replacement parts and improvements of the warranty period will amount to 6 months. In any case, a warranty claim expires within 6 months of the date on which the claim is made. (2) Notice of visible defects or missing parts, in writing, must be submitted to the Company with the delivery, but at the latest with 18 days after the beginning of the warranty period and of hidden defects within 8 days after their discovery, and any handling must be discontinued immediately, failing which the warranty will be rejected and the goods will be deemed to have been properly accepted without defect. (3) After the Company has received legal effective notification about a defect, it may make its warranty obligations at its discretion as follows: Provide improvement of the Company's premises or other locations, designates, after the Contract Partner has notified the goods to be replaced, the defective goods, which have been transferred to the Company's warehouse, the Contract Partner shall be held responsible for the replacement of the goods, which have been transferred to the Company's warehouse, thereby, if the aforementioned measures are not implemented, without defect, at least despite a warning or setting a reasonable grace period. (4) The Contract Partner is entitled to price reduction if agreement of the price reduction cannot be reached. (5) If the defect is substantial and irreparable, the Contract Partner is entitled to demand the right to conversion. (6) The Company is not affected by any other obligations with the scope of the warranty. (4) The Contract Partner shall bear the costs accumulated in accordance with Paragraph 3 of this site, except for shipping costs for replacement goods or replacement parts. (5) The Company shall make notification of the defect in writing to the Contract Partner, at least 30 days in advance. If the Contract Partner is absent on this date for reasons for which he is responsible, if he makes his improvement or replacement more difficult or impossible, he is deemed to have waived his warranty claims. (6) The Company's warranty is excluded if the Contract Partner has not complied with the Company's instructions on operating conditions, the defect was caused by the Contract Partner or third parties, the parts have been repaired by the Contract Partner himself or by a third party, the Contract Partner has not provided an opportunity to perform repairs or along with the Contract Partner has not fulfilled his obligations, especially regarding payment. Furthermore, the warranty is excluded for consumables and wear parts. Also the warranty applies only to defects which arise during normal use under compliance with the respective operating conditions. (7) The scope of the warranty does not provide for any claim against the Company for repair or compensation of any type whatsoever (e.g., follow-up costs, costs for relocation and exchange, loss of prospective profits, freight and access costs, etc.)

IX.(1) In the event of damage, the Company shall be liable for intentional or gross negligence liability, excluding defects of slight negligence, compensation for consequential damage, pecuniary losses, loss of interest and damages arising from third-party claims towards the Contract Partner. (2) In the event of gross negligence, the liability for damages is limited to 10 times the net invoice amount of the delivered goods in any case. (3) If any of the Company's conditions for assembly, commissioning and use are not complied with and any damage or compensation is excluded. (4) Liability for damages is excluded according to the Product Liability Act and the comparable standard, excluding the legal system from which they originate, unless this would contradict mandatory legal provisions. (5) The Contract Partner shall be held responsible for his own compliance with the conditions of the Company and to pass this information to his customers and to prepare documentation verifying that this has been done. (6) Within their internal relationship, the Contract Partner shall bear all third-party claims based on product liability. In particular, the Contract Partner shall immediately indemnify and hold harmless the Company if claims are made against him. The Company assumes no liability for product information or for the marketing of the Contract Partner's products. (7) If the Company's products or production information shall monitor to ensure that the production information is being set up, it is possible to set up the Company's products conform with the current state of science and technology, and if there are any discrepancies, the Company shall immediately and keep the products from being marketed. (6) The Contract Partner shall keep all documents, records and verifications for at least 10 years from the time they are brought to the market or passed on and return them in their entirety on request. (7) The replacement of the delivered goods and payments A-6166 Fulpmes, even if the transfer actually takes place elsewhere. (2) For all contracts concluded between the Company and the Contract Partner, the Contract Partner shall be held responsible for the legally effective existence or non-existence of these contracts, its legal status, its substance, its validity, its enforceability, its interpretation, its application of Austrian law in writing in the case of such renunciation, the law is deemed agreed at the Company's discretion, that it is applicable in the country in which the Contract Partner has his registered office, that due to the regulations of international private law applicable in the country in which judicial litigation over the disputed claims is being conducted. (3) For all legal disputes arising from a contract, the court having jurisdiction is the court in the place of the Contract Partner's residence or the place of the Contract Partner's business relationship, will be restored, taking into account the Data Protection Act. All packages delivered to you are completely released from obligation via the ARA licensee number 2616. All former prices are rendered invalid by the issuance of this list of prices ex works.

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