

## >> STUFENBOHRER

## STEP DRILL

## PUNTE A GRADINO

### Einsatzbereich:

Zum Bohren zylindrischer Löcher in Material bis 4 bzw. 6 mm Stärke. Bohren und Entgraten erfolgt in einem Arbeitsgang durch die schrägen Schneiden der nächstfolgenden Bohrstufe. Zur Vermeidung von Materialansatz Bohrpaste (Code 721000021) verwenden.

**STANDFESTER** durch HSS Cobaltstahl  
**PRÄZISE** durch modernes Schleifverfahren

### Range of application:

Multiple step and countersink tool for drilling and countersinking in one smooth operation. Suitable for materials with a maximum thickness of 4–6 mm, dependent on hardness. The use of cutting paste (Code 721000021) is recommended.

**LONGER LASTING** thanks to cobalt HSS  
**PRECISE** thanks to state-of-the-art grinding process

### Impiego:

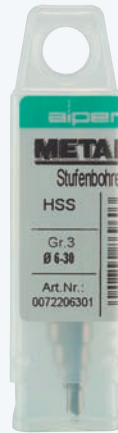
Per foratura di materiali da 4 mm a 6 mm di spessore. Scanalature elicoidali per foratura e sbavatura in unica passata, per evitare il fenomeno dell'apparentamento. Si raccomanda l'impiego di pasta abrasiva (Code 721000021).

**ELEVATA DURATA** grazie all'acciaio HSS Cobalto  
**PRECISI** grazie alla moderna lavorazione



**HSS** **HSS-ECO**  
**HSS-ECO TiN**

**Oberfläche:** blank/TiN<sup>(1)</sup>  
**Surface:** bright/TiN<sup>(1)</sup>  
**Superficie:** lucida/TiN<sup>(1)</sup>



Einzelverpackung mit SB-Aufhänger  
 Single packing with tag  
 Imballo singolo con gancio

**TiN**

- höhere Performance
- higher performance
- maggiore performance

Größe   Size Diametri	d1-d2 mm	d3 mm	Code 722 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.	Code 726 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.	Code 728 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.
			<b>HSS</b>			<b>HSS-ECO</b>			<b>HSS-ECO TiN</b>		
1	4,00-12,00	6	00 722004121 00	1	<b>38,10</b>	00 726004121 00	1	<b>39,53</b>			
2	4,00-20,00	8	00 722012201 00	1	<b>51,51</b>	00 726006201 00	1	<b>54,07</b>			
3	6,00-30,00	10	00 722006301 00	1	<b>80,20</b>	00 726006301 00	1	<b>92,89</b>	00 728006301 00	1	<b>123,06</b>
4	6,00-37,00/PG7-29	10	00 722007291 00	1	<b>116,86</b>	00 726007291 00	1	<b>141,23</b>	00 728007291 00	1	<b>197,47</b>

### ▶ Bohrpaste | Cutting paste | Pasta abrasiva

Gewicht Weight   Peso	Code 721 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.
18 g	00 721000021 00	1	<b>7,03</b>



<sup>(1)</sup> Code 728 TiN-beschichtet | Code 728 TiN-coated | Code 728 Rivestimento TiN

## >> BLECHSCHÄLBOHRER

### Einsatzbereich:

Zum Bohren größerer Löcher in dünnes Material oder zum Aufbohren bereits vorhandener Löcher. Zum grat- und rattermarkenfreien Bohren oder Aufbohren (ohne Vorbohren) in Nirostablechen und weichen Werkstoffen. Für Hand- oder Ständerbohrmaschinen geeignet.

<b>STANDFESTER</b>	<b>PRÄZISE</b>
durch HSS Cobaltstahl	durch modernes Schleifverfahren

## CONECUT

### Range of application:

For drilling large-diameter holes in thin material or for expanding pre-cut holes. For drilling without burr or chatter marks and widening holes (without piloting) in non-rusting sheet and soft materials. Suitable for hand-held and upright drilling machines.

<b>LONGER LASTING</b>	<b>PRECISE</b>
thanks to cobalt HSS	thanks to state-of-the-art grinding process

## PUNTE CONICHE PER LAMIERE

### Impiego:

Praticare fori di grandi dimensioni in materiali sottili o allargare fori già esistenti. Lavora senza sbavature (anche in assenza di preforo). Particolarmente adatte per lamiere in acciaio inossidabile e materiali dolci. Può essere utilizzata con trapani manuali o a colonna.

<b>ELEVATA DURATA</b>	<b>PRECISI</b>
grazie all'acciaio HSS Cobalto	grazie alla moderna lavorazione



Größe   Size Diametri	d1-d2 mm	d3 mm	Code 721 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.	Code 723 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.	Code 725 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.
			<b>HSS</b>			<b>HSS-EC0</b>			<b>HSS-EC0 TiN</b>		
1	3,50-14,00	6	00 721003141 00	1	13,05	00 723003141 00	1	20,08	00 725003141 00	1	33,39
2	6,00-20,00	8	00 721008201 00	1	18,14	00 723006201 00	1	30,01	00 725006201 00	1	53,34
3	16,00-30,00	10	00 721016301 00	1	34,02	00 723016301 00	1	55,51	00 725016301 00	1	95,02
4	24,00-40,00	12	00 721026401 00	1	75,48						
5	36,00-50,00	13	00 721036501 00	1	127,33						
6	40,00-61,00	13	00 721040611 00	1	172,66						
L	6,00-30,00	10	00 721004301 00	1	39,74						
2A	3,00-22,00	8	00 721005221 00	1	18,93						
2A	5,00-25,00	8	00 072025001 00	1	51,62						

### ► Bohrpaste | Cutting paste | Pasta abrasiva

Gewicht Weight   Peso	Code 721 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.
18 g	00 721000021 00	1	7,03



## >> UNIVERSAL-FRÄSBOHRER

## DRILL FILE RASP

## PUNTA FRESATRICE UNIVERSALE

### Einsatzbereich:

Zum Bohren und anschließendem Ausfräsen von Blech und dünnwandigem Material. Besonders bei Montagearbeiten gut geeignet, um mit diesem kleinen Bohrer größere Löcher und verschiedene Formen herzustellen.

### Range of application:

For drilling and cutting holes in sheet metal and similar thin materials. Ideal for large holes and irregular shapes, manufactured in TiN coated HSS.

### Impiego:

Adatte per foratura e fresatura di lamiere e materiali sottili. Particolarmente adatte nelle lavorazioni di montaggio, possibile ottenere con questa punta fresatrice fori più grandi e di forme diverse.

#### PRÄZISE

durch modernes Schleifverfahren

#### STANDFEST

durch HSS-Stahl

#### PRECISE

thanks to state-of-the-art grinding process

#### LONG-LASTING

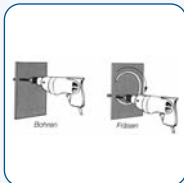
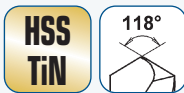
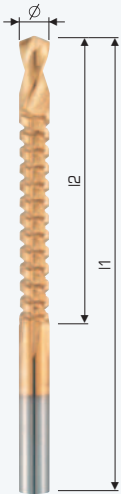
thanks to high-speed steel

#### PRECISI

grazie alla moderna lavorazione

#### ELEVATA DURATA

grazie all'acciaio HSS



Oberfläche: TiN  
Surface: TiN  
Superficie: TiN



Plastiktasche | Plastic wallet  
Confezione busta



- höhere Performance
- higher performance
- maggiore performance

Ø mm	L1 mm	L2 mm	Code 721 Art.-Nr.	Inh. Cont.	€/Stk. €/pc.
6,00	93	57	00 721000011 00	1	8,68
8,00	93	57	00 721000111 00	1	9,04

