



CORROSION RESISTANT.



LONGER DURABILITY.



QUICKER DRILLING.

ELITE AUGER BITS

MORE SPEED.
MORE PERFORMANCE.



Johann Eberhard Ges.m.b.H.





ELITE. STRONG AND ENDURING.

The new patent pending auger bits from FISCH®-TOOLS for soft- and hardwood are especially suitable for work on damp wood and in all areas in which high work speed combined with high quality results is required. The special coating, the stepped drilling head and naturally the new lengthwise grooves make it into an absolute professional among bits. Patent pending!

The special coating makes the ELITE bit to be the best in the auger bit family. The advantages:

- high corrosion resistance (in damp wood and humid areas, in shipbuilding, in salt water areas)
- even less friction
- even better chip flow

In comparison with common auger bits, the ELITE bit can perform more drillings in a shorter time under the same conditions. Simultaneously, the ELITE bit has a longer service life.

The lengthwise grooves are an innovative

development from FISCH® to improve the performance of the auger bits. They bring short amortization periods with high implementation intervals of the bit. Commercial and industrial users profit from the efficient drill performance. An overview of the advantages:

- low development of warmth
- up to 40 % less stress on the drilling machine
- quicker drilling
- longer service life

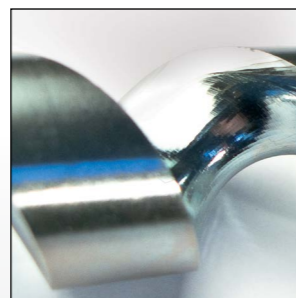
The stepped drilling head proves

its strength in deep and frequent drilling in commercial or industrial use. To reduce the amount of friction on the entire bit, this technical innovation is responsible for the following advantages:

- lower friction during drilling
- very little stress on the bit behind the head of the ELITE bit
- even better chip flow, also in extremely deep drillings
- implementation in higher rotations



The proven FISCH® component system also functions with the new ELITE auger bits. You choose your diameter from 5 different lengths and also use the entire range of accessories. From countersinks with or without wavy cutting edges, to extensions and adapters, everything can be combined with the ELITE bit.



High corrosion resistance and low friction due to ELITE bit - that is an advantage! The coating on the surface of the bit provides the bit with a longer service life when drilling in damp wood. Particularly recommended for shipbuilding works, in humid areas and in areas where there is contact with salt water.



The sunken stepped drilling head achieves lower total friction during drilling through the partial focused warmth development. The ELITE bit is exposed to very low stress behind the stepped drilling head. This allows a very efficient chip flow, also in extremely deep drillings! Higher rotations than in common auger bits are recommended.



The innovative solution of the lengthwise grooves on the drilling head achieves technical advantages, which have economical effect. Very low amortization periods with high implementation frequency of the bit (commercial and industrial). Lower warmth development, up to 40 % less stress on the drilling machine, quicker drilling and longer service life.



Technical data and advantages of ELITE auger bits

- material SP - special carbon steel
- 1 spur up to 14 mm; 2 spurs from 16 mm
 - > guarantee tear free holes also with large diameters
- independent infeed through feeder thread – minimal force necessary during drilling
- double service life of the spurs in comparison to common auger bits
- special coating for high corrosion resistance
- recommended for soft- and hardwood ->
 - in particular for wet wood and in humid areas
- especially suitable for visible holes
- deep chip flow without center -> excellent chip flow
- modular component system – drilling (various lengths), countersinking, extending
- reducing costs through use of the product synergies as well as efficient work through simplification and acceleration of the work steps
- can be sharpened up to 15 times
- a quality product from Austria

FISCH®-component system

With the component system from FISCH® you save time and money! All accessories also fit with the new ELITE bit. Extensions, countersinks, etc.



Technical data			RPM	
Diameter	Total length	Shank	Softwood	Hardwood
12 mm	200 235 320 380 460	12 mm hexagonal	1000-1450	900
14 mm	200 235 320 380 460	12 mm hexagonal	1000-1300	800
16 mm	200 235 320 380 460	12 mm hexagonal	1200	800
18 mm	200 235 320 380 460	12 mm hexagonal	1200	800
20 mm	200 235 320 380 460	12 mm hexagonal	1000	700
22 mm	200 235 320 380 460	12 mm hexagonal	1000	700



QUALITY, PRECISION AND DURABILITY SINCE 1946.

The Johann Eberhard Ges.m.b.H, with the tool factory in Austria and the subsidiary FAMMAB in France, is specialized in the production of high quality drills, auger bits, router bits and special tools. More than 120 workers produce more than 2 million bits of highest quality every year. The most important requirement for high quality tools is the right selection of the raw materials. Through the standardization of steel and the high quality processing of steel in Europe, the raw materials used for the tools are the best ones. The chipping is done on the

most modern CNC or robot operated machines which assure highest precision during production. Apart from the standard products of the boring bits, custom manufacturing according to models, drawings or mutual development with the customer is provided. Here the factors of many years of know-how and economical demands come together to result in „Precision tools from FISCH®“. Nothing is merely coincidence! Count on quality.

Your FISCH®-TOOLS Partner:

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