

Hole Saws

TCT Hole Saws

A new family of carbide-tipped hole-saws designed for work on mild steel, stainless steel, aluminum, plastic or wood.

The new TCT Hole Saws presented by ITC and manufactured in Germany by ALFRA® vastly differ from conventional HSS bi-metal hole saws currently found on the market. They provide high precision cutting, combined with a long tool life, which can be extended further with replaceable center drill bits or arbors, and the possibility of tooth sharpening, if required. The centre bit can be replaced on all models. No need for deburring and cuts stainless steel up to 2mm (~1/16") and mild steel up to 4mm (~3/16").



- For use with hand drills (recommended to max. hole dia. 40 mm = 1 9/16") or with vertical drills/drill presses (all sizes)
- Models available from Ø 16mm = 5/8" to 140mm = 5 1/2" approximately
- CAD-designed cutting carbide tips optimize cutting capacity and reduce need for re-grinding
- Replaceable centre bit with tapered tip - no need for center punch
- Removal of core after cut is made simple thanks to the replaceable ejector spring
- Arbors can be replaced on models from Ø 32mm to Ø 140mm (small models include a single piece arbor which cannot be replaced)

How to order TCT Hole Saws (Order by Part No.)

Part No.	Model	Hole dia. mm	Hole dia. in	No. of teeth	Pg cutout	Metric cutout	NPT cutout	Shank Ø mm
506.160	0600160	16	5/8"	4	9	16		10mm
506.180	0600180	18	11/16"	4				10mm
506.190	0600190	19	3/4"	4	11			10mm
506.210	0600210	21	13/16"	5	13.5	20	1/2"	10mm
506.230	0600230	23	7/8"	5	16			10mm
506.240	0600240	24	15/16"	5				10mm
506.260	0600260	26	1"	5		25	3/4"	10mm
506.270	0600270	27	1-1/16"	5				10mm
506.290	0600290	29	1-1/8"	5				10mm
506.300	0600300	30	1-3/16"	5				10mm
506.320	0600320	32	1-1/4"	6		32		10mm
506.340	0600340	34	1-5/16"	6				10mm
506.350	0600350	35	1-3/8"	6			1"	10mm
506.370	0600370	37	1-7/16"	7	29			10mm
506.390	0600390	39	1-1/2"	7				10mm
506.400	0600400	40	1-9/16"	7		40		10mm
506.420	0600420	42	1-5/8"	8				10mm
506.430	0600430	43	1-11/16"	8				10mm
506.450	0600450	45	1-3/4"	8		50	1-1/4"	10mm
506.470	0600470	47	1-13/16"	9				10mm
506.480	0600480	48	1-7/8"	9	36			10mm
506.500	0600500	50	1-15/16"	9				10mm
506.510	0600510	51	2"	9			1-1/2"	13mm
506.530	0600530	53	2-1/16"	10				13mm
506.540	0600540	54	2-1/8"	10	42			13mm
506.560	0600560	56	2-3/16"	10				13mm

(continued on otherside)

Part No.	Model	Hole dia. mm	Hole dia. in	No. of teeth	Pg cutout	Metric cutout	NPT Cutout	Shank Ø mm
506.570	0600570	57	2-1/4"	10				13mm
506.590	0600590	59	2-5/16"	10				13mm
506.600	0600600	60	2-3/8"	11	48			13mm
506.620	0600620	62	2-7/16"	11				13mm
506.640	0600640	64	2-1/2"	11		63	2"	13mm
506.660	0600660	66	2-9/16"	12				13mm
506.670	0600670	67	2-5/8"	12				13mm
506.690	0600690	69	2-11/16"	12				13mm
506.700	0600700	70	2-3/4"	12				13mm
506.720	0600720	72	2-13/16"	13				13mm
506.730	0600730	73	2-7/8"	13		72		13mm
506.740	0600740	74	2-15/16"	13				13mm
506.760	0600760	76	3"	13			2-1/2"	13mm
506.780	0600780	78	3-1/16"	14				13mm
506.790	0600790	79	3-1/8"	14				13mm
506.810	0600810	81	3-3/16"	14				13mm
506.830	0600830	83	3-1/4"	14				13mm
506.840	0600840	84	3-5/16"	15				13mm
506.860	0600860	86	3-3/8"	15				13mm
506.870	0600870	87	3-7/16"	15				13mm
506.890	0600890	89	3-1/2"	16				13mm
506.900	0600900	90	3-9/16"	16				13mm
506.920	0600920	92	3-5/8"	16			3"	13mm
506.940	0600940	94	3-11/16"	16				13mm
506.950	0600950	95	3-3/4"	17				13mm
506.970	0600970	97	3-13/16"	17				13mm
506.980	0600980	98	3-7/8"	17				13mm
507.000	0601000	100	3-15/16"	17				13mm
507.050	0601050	105	4"	18			3-1/2"	13mm
507.150	0601150	115	4-1/2"	20			4"	13mm
507.300	0601300	130	5"	20				13mm
507.400	0601400	140	5-1/2"	24				13mm
506.006	0602006	Replacement spring		-				-
506.650	0602650	Replacement Bit 6mm		-				-
507.402	0734002	MT Arbor max 100mm		-				-
506.002	21010	Coolant Alfra BIO2000		-				-
506.003	21040	Coolant Alfra 4000		-				-
506.001	0600001	Metric Set - see note		-				10mm

Information subject to change without notice - All dimensions in mm except where indicated

Part No. 506.001 includes 5 hole-saws 16/20/25/32/40mm and 2 Allen keys in a practical plastic case. It is ideal for panel and machinery builders using the corresponding metric sizes of glands.

