

# **MEGACUT**



***HOLE SAW***  
**MGX - MGTR**

# HOLE SAWS

## T.C.T Hole Saw **MEGACUT**



- High-precision speed drilling through thick steel plate. Overlap drilling also possible.
- Include unique Megacut technology such as 3-angle cutting edges (2-angles for 17mm diameter cutters or less). Low chance of premature tip damage for stable cutter life.
- Quick release cutter mounting and removal.

<b>Effective Length</b>	35 mm (MAX35) 50 mm (MAX50)
<b>Applicable Electric Tool</b>	Magnetic Drilling Machine



**STEEL PLATE** (HB300 or less)

**CAST IRON**

**STAINLESS STEEL**

**PIPE MATERIAL**

### META-CORE MAX 35 [1-touch Type] (MGX35)

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGX35N-12	12	72	19.04
MGX35N-13	13		
MGX35N-14	14		
MGX35N-15	15		
MGX35N-16	16		
MGX35N-17	17		
MGX35N-18	18		
MGX35N-19	19		
MGX35N-20	20		
MGX35N-21	21		
MGX35N-22	22		
MGX35N-23	23		
MGX35N-24	24		
MGX35N-25	25		
MGX35N-26	26		
MGX35N-27	27		
MGX35N-28	28		
MGX35N-29	29		
MGX35N-30	30		
MGX35N-31	31		
MGX35N-32	32		
MGX35N-33	33		
MGX35N-34	34		
MGX35N-35	35		
MGX35N-36	36		
MGX35N-37	37		
MGX35N-38	38		
MGX35N-39	39		
MGX35N-40	40		
MGX35N-41	41		
MGX35N-42	42		
MGX35N-43	43		
MGX35N-44	44		
MGX35N-45	45		
MGX35N-46	46		

### META-CORE MAX 35 [1-touch Type] (MGX35)

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGX35N-41	41	72	19.04
MGX35N-42	42		
MGX35N-43	43		
MGX35N-44	44		
MGX35N-45	45		
MGX35N-46	46		
MGX35N-47	47		
MGX35N-48	48		
MGX35N-49	49		
MGX35N-50	50		
MGX35N-51	51		
MGX35N-52	52		
MGX35N-53	53		
MGX35N-54	54		
MGX35N-55	55		
MGX35N-56	56		
MGX35N-57	57		
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MGX35N-59	59		
MGX35N-60	60		
MGX35N-61	61		
MGX35N-62	62		
MGX35N-63	63		
MGX35N-64	64		
MGX35N-65	65		
MGX35N-66	66		
MGX35N-67	67		
MGX35N-68	68		
MGX35N-69	69		
MGX35N-70	70		
MGX35N-75	75		
MGX35N-80	80		
MGX35N-85	85		
MGX35N-90	90		
MGX35N-95	95		
MGX35N-100	100		

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- Quick release cutter mounting and removal.

<b>Effective Length</b>	35 mm (MAX35)
	50 mm (MAX50)

<b>Applicable Electric Tool</b>	Magnetic Drilling Machine
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**1-touch Type**  
(Side Lock combination)



**STEEL PLATE** (HB300 or less)

**CAST IRON**

**STAINLESS STEEL**

**PIPE MATERIAL**

### META-CORE MAX 50 [1-touch Type] (MGX50)

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGX50N-12	12	90	19.04
MGX50N-13	13		
MGX50N-14	14		
MGX50N-15	15		
MGX50N-16	16		
MGX50N-17	17		
MGX50N-18	18		
MGX50N-19	19		
MGX50N-20	20		
MGX50N-21	21		
MGX50N-22	22		
MGX50N-23	23		
MGX50N-24	24		
MGX50N-25	25		
MGX50N-26	26		
MGX50N-27	27		
MGX50N-28	28		
MGX50N-29	29		
MGX50N-30	30		
MGX50N-31	31		
MGX50N-32	32		
MGX50N-33	33		
MGX50N-34	34		
MGX50N-35	35		
MGX50N-36	36		
MGX50N-37	37		
MGX50N-38	38		
MGX50N-39	39		
MGX50N-40	40		

### META-CORE MAX 50 [1-touch Type] (MGX50)

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGX50N-41	41	90	19.04
MGX50N-42	42		
MGX50N-43	43		
MGX50N-44	44		
MGX50N-45	45		
MGX50N-46	46		
MGX50N-47	47		
MGX50N-48	48		
MGX50N-49	49		
MGX50N-50	50		
MGX50N-51	51		
MGX50N-52	52		
MGX50N-53	53		
MGX50N-54	54		
MGX50N-55	55		
MGX50N-56	56		
MGX50N-57	57		
MGX50N-58	58		
MGX50N-59	59		
MGX50N-60	60		
MGX50N-61	61		
MGX50N-62	62		
MGX50N-63	63		
MGX50N-64	64		
MGX50N-65	65		
MGX50N-66	66		
MGX50N-67	67		
MGX50N-68	68		
MGX50N-69	69		
MGX50N-70	70		
MGX50N-75	75		
MGX50N-80	80		
MGX50N-85	85		
MGX50N-90	90		
MGX50N-95	95		
MGX50N-100	100		

HOLE SAWS

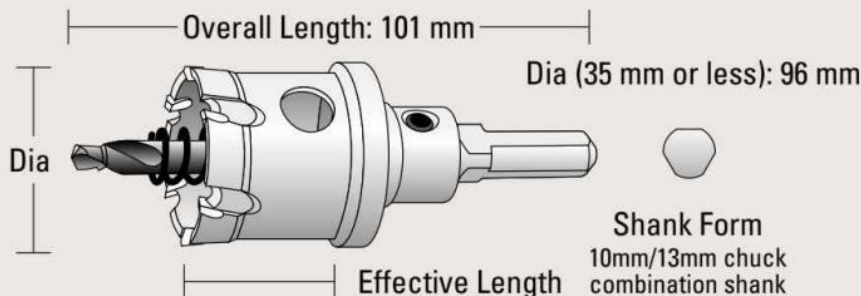
# HOLE SAWS

**T.C.T Hole Saw  
( MGTR type )**

**MEGACUT**

**Effective Length** 25 mm (Cutter Body Depth: 25 mm)

**Applicable Electric Tool** Electric Drill / Drilling Maching



**META-CORE MAX 50 [1-touch Type] (MGX50)**

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGTR-14	14	25	10/13
MGTR-15	15		
MGTR-16	16		
MGTR-17	17		
MGTR-18	18		
MGTR-19	19		
MGTR-20	20		
MGTR-21	21		
MGTR-22	22		
MGTR-23	23		
MGTR-24	24		
MGTR-25	25		
MGTR-26	26		
MGTR-27	27		
MGTR-28	28		
MGTR-29	29		
MGTR-30	30		
MGTR-31	31		
MGTR-32	32		
MGTR-33	33		
MGTR-34	34		
MGTR-35	35		
MGTR-36	36		
MGTR-37	37		
MGTR-38	38		
MGTR-39	39		
MGTR-40	40		
MGTR-41	41		
MGTR-42	42		

**META-CORE MAX 50 [1-touch Type] (MGX50)**

Code	Diameter (mm)	Overall Length (mm)	Shank Diameter (mm)
MGTR-43	43	25	10/13
MGTR-44	44		
MGTR-45	45		
MGTR-46	46		
MGTR-47	47		
MGTR-48	48		
MGTR-49	49		
MGTR-50	50		
MGTR-51	51		
MGTR-52	52		
MGTR-53	53		
MGTR-54	54		
MGTR-55	55		
MGTR-56	56		
MGTR-57	57		
MGTR-58	58		
MGTR-59	59		
MGTR-60	60		
MGTR-61	61		
MGTR-62	62		
MGTR-63	63		
MGTR-64	64		
MGTR-65	65		
MGTR-66	66		
MGTR-67	67		
MGTR-68	68		
MGTR-69	69		
MGTR-70	70		
MGTR-71	71		
MGTR-72	72		
MGTR-73	73		
MGTR-74	74		
MGTR-75	75		
MGTR-76	76		
MGTR-77	77		
MGTR-78	78		

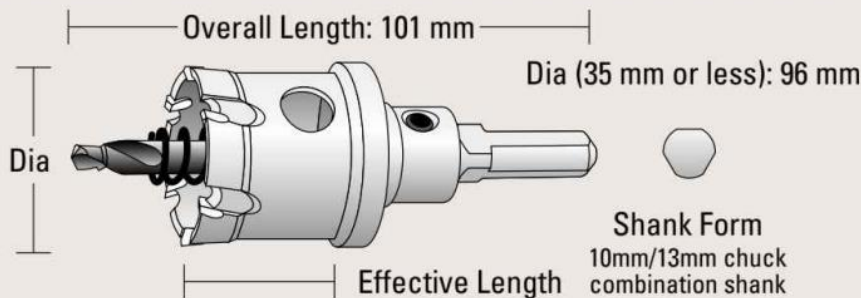
# HOLE SAWS

**T.C.T Hole Saw  
( MGTR type )**

**MEGACUT**

**Effective Length** 25 mm (Cutter Body Depth: 25 mm)

**Applicable Electric Tool** Electric Drill / Drilling Maching



## META-CORE MAX 50 [1-touch Type] (MGX50)

Code	Diameter	Overall Length (mm)	Shank Diameter (mm)
	(mm)		
MGTR-79	79	25	10/13
MGTR-80	80		
MGTR-81	81		
MGTR-82	82		
MGTR-83	83		
MGTR-84	84		
MGTR-85	85		
MGTR-86	86		
MGTR-87	87		
MGTR-88	88		
MGTR-89	89		
MGTR-90	90		
MGTR-91	91		
MGTR-92	92		
MGTR-93	93		
MGTR-94	94		
MGTR-95	95		
MGTR-96	96		
MGTR-97	97		
MGTR-98	98		
MGTR-99	99		
MGTR-100	100		

### Recommend cutting parameter table

Size extent (mm)	Processed materials					
	aluminum (r/min)	copper (r/min)	plain steel (r/min)	stainless steel (r/min)	alloy steel (r/min)	non-metallic material (r/min)
≤20	1500~1800	800~1000	700~1000	700~800	700~900	1500~1800
21~30	1500~1800	800~1000	700~800	400~600	600~700	1500~1800
31~40	1500~1800	800~1000	500~600	350~450	450~500	1500~1800
41~50	800~1000	600~800	400~500	250~400	300~400	1000~1500
51~60	600~850	400~600	300~400	200~300	200~300	800~1000
61~79	400~600	200~400	150~200	150~200	150~200	500~800
≥80	200~400	100~200	100~150	100~150	100~150	500~800

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