

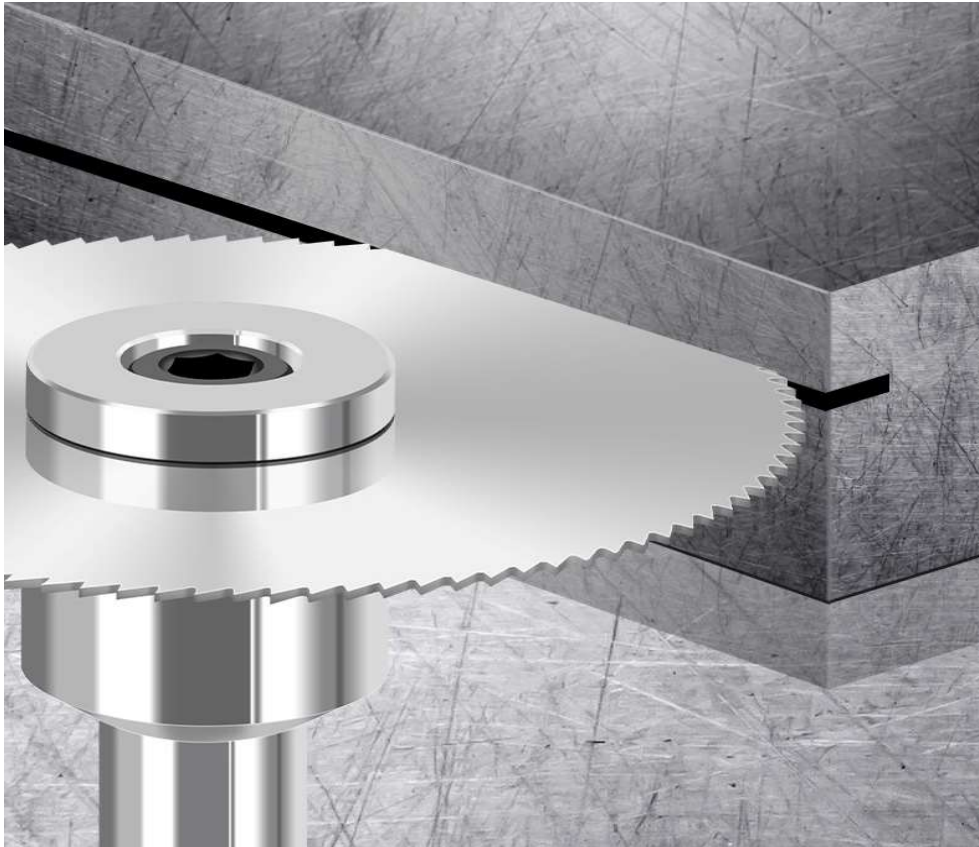
SC Circular Saw Blades

For High Speed slitting and cutting



Solid Carbide Slitting Saws for Non-ferrous and Steel cutting

High Speed and Reduced Cycle time



➤ **High-quality carbide blanks:**

Manufactured by high-quality carbide blanks, durable and long tool life

➤ **Serrated sharp:**

The angle of the teeth is specially designed, and the grinding process makes the teeth sharper.

➤ **Double mirror finish:**

The surface of saw blade is smooth within a small tolerance to keep cutting quality and high efficiency.

➤ **Multiple specification options:**

Coarse and fine pitch with Inch and in metric sizes, different thickness can be offered.

TC10/20 Series

Solid Carbide Slitting Saws for Non-ferrous and Steel

● Features

	Density(g/cm3)	Hardness (HRA)	Application Materials
TC10 series	14.0-14.5	90	Non-metals such as plastics, wood and non-ferrous metals such as aluminum, copper and brass, free-cutting materials such as cast iron, mild steel and medium carbon steel
TC20 series	14.6-14.8	92.5	Alloy steel, stainless steel, titanium alloy, etc. after heat treatment

● User Case and Application of Carbide Slitting Saws

1. Comparison of HSS and Carbide Slitting Saws



Slitting of Abrasive Materials



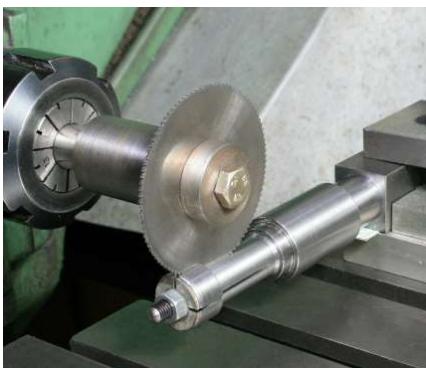
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Slitting of Abrasive Materials



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2. User Case of Carbide Slitting Saw



TC20 Series for axis slitting

	Size	Machining materials	Workpiece hardness	Cutting Speed	Tool Life
TC20 series	D80X0.3X6X22X100T	Alloy steel after heat treatment	HRC45	80m/min	200 slots

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)	TC10 Series
10X0.1X4X20T	0.1	20	4	4
10X0.15X4X20T	0.15	20	4	4
10X0.2X4X20T	0.2	20	4	4
10X0.25X4X20T	0.25	20	4	4
10X0.3X4X20T	0.3	20	4	4
10X0.4X4X20T	0.4	20	4	4
10X0.5X4X20T	0.5	20	4	4
10X0.6X4X20T	0.6	20	4	4
10X0.7X4X20T	0.7	20	4	4
10X0.8X4X20T	0.8	20	4	4
10X0.9X4X20T	0.9	20	4	4
10X1.0X4X20T	1	20	4	4
10X1.2X4X20T	1	20	4	4
10X1.5X4X20T	1.5	20	4	4
10X2.0X4X20T	2	20	4	4

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
10X0.1X4X40T	0.1	40	4
10X0.15X4X40T	0.15	40	4
10X0.2X4X40T	0.2	40	4
10X0.25X4X40T	0.25	40	4
10X0.3X4X40T	0.3	40	4
10X0.4X4X40T	0.4	40	4
10X0.5X4X40T	0.5	40	4
10X0.6X4X40T	0.6	40	4
10X0.7X4X40T	0.7	40	4
10X0.8X4X40T	0.8	40	4
10X0.9X4X40T	0.9	40	4
10X1.0X4X40T	1	40	4
10X1.2X4X40T	1	40	4
10X1.5X4X40T	1.5	40	4
10X2.0X4X40T	2	40	4

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
20X0.1X6X24T	0.1	24	6
20X0.15X6X24T	0.15	24	6
20X0.2X6X24T	0.2	24	6
20X0.25X6X24T	0.25	24	6
20X0.3X6X24T	0.3	24	6
20X0.4X6X24T	0.4	24	6
20X0.5X6X24T	0.5	24	6
20X0.6X6X24T	0.6	24	6
20X0.7X6X24T	0.7	24	6
20X0.8X6X24T	0.8	24	6
20X0.9X6X24T	0.9	24	6
20X1.0X6X24T	1	24	6
20X1.2X6X24T	1.2	24	6
20X1.5X6X24T	1.5	24	6
20X2.0X6X24T	2	24	6
20X2.5X6X24T	2.5	24	6
20X3.0X6X24T	3	24	6

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
20X0.1X6X50T	0.1	50	6
20X0.15X6X50T	0.15	50	6
20X0.2X6X50T	0.2	50	6
20X0.25X6X50T	0.25	50	6
20X0.3X6X50T	0.3	50	6
20X0.4X6X50T	0.4	50	6
20X0.5X6X50T	0.5	50	6
20X0.6X6X50T	0.6	50	6
20X0.7X6X50T	0.7	50	6
20X0.8X6X50T	0.8	50	6
20X0.9X6X50T	0.9	50	6
20X1.0X6X50T	1	50	6
20X1.2X6X50T	1.2	50	6
20X1.5X6X50T	1.5	50	6
20X2.0X6X50T	2	50	6
20X2.5X6X50T	2.5	50	6
20X3.0X6X50T	3	50	6

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- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
25X0.2X6X24T	0.2	24	6
25X0.3X6X24T	0.3	24	6
25X0.4X6X24T	0.4	24	6
25X0.5X6X24T	0.5	24	6
25X0.6X6X24T	0.6	24	6
25X0.7X6X24T	0.7	24	6
25X0.8X6X24T	0.8	24	6
25X0.9X6X24T	0.9	24	6
25X1.0X6X24T	1	24	6
25X1.2X6X24T	1.2	24	6
25X1.5X6X24T	1.5	24	6
25X2.0X6X24T	2	24	6
25X2.5X6X24T	2.5	24	6
25X3.0X6X24T	3	24	6

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
25X0.2X6X50T	0.2	50	6
25X0.3X6X50T	0.3	50	6
25X0.4X6X50T	0.4	50	6
25X0.5X6X50T	0.5	50	6
25X0.6X6X50T	0.6	50	6
25X0.7X6X50T	0.7	50	6
25X0.8X6X50T	0.8	50	6
25X0.9X6X50T	0.9	50	6
25X1.0X6X50T	1	50	6
25X1.2X6X50T	1.2	50	6
25X1.5X6X50T	1.5	50	6
25X2.0X6X50T	2	50	6
25X2.5X6X50T	2.5	50	6
25X3.0X6X50T	3	50	6

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- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
30X0.2X8X32T	0.2	32	8
30X0.3X8X32T	0.3	32	8
30X0.4X8X32T	0.4	32	8
30X0.5X8X32T	0.5	32	8
30X0.6X8X32T	0.6	32	8
30X0.7X8X32T	0.7	32	8
30X0.8X8X32T	0.8	32	8
30X0.9X8X32T	0.9	32	8
30X1.0X8X32T	1	32	8
30X1.2X8X32T	1.2	32	8
30X1.5X8X32T	1.5	32	8
30X2.0X8X32T	2	32	8
30X2.5X8X32T	2.5	32	8
30X3.0X8X32T	3	32	8
30X3.50X8X32T	3.5	32	8
30X4.0X8X32T	4	32	8
30X4.5X8X32T	4.5	32	8
30X5.0X8X32T	5	32	8
30X5.5X8X32T	5.5	32	8

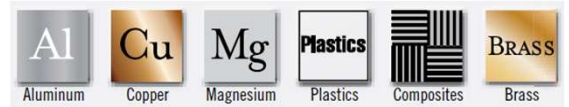
TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Teeth No.(T)	Arbor Dia(mm)
30X0.2X8X60T	0.2	60	8
30X0.3X8X60T	0.3	60	8
30X0.4X8X60T	0.4	60	8
30X0.5X8X60T	0.5	60	8
30X0.6X8X60T	0.6	60	8
30X0.7X8X60T	0.7	60	8
30X0.8X8X60T	0.8	60	8
30X0.9X8X60T	0.9	60	8
30X1.0X8X60T	1	60	8
30X1.2X8X60T	1.2	60	8
30X1.5X8X60T	1.5	60	8
30X2.0X8X60T	2	60	8
30X2.5X8X60T	2.5	60	8
30X3.0X8X60T	3	60	8
30X3.50X8X60T	3.5	60	8
30X4.0X8X60T	4	60	8
30X4.5X8X60T	4.5	60	8
30X5.0X8X60T	5	60	8
30X5.5X8X60T	5.5	60	8

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia(mm)
40X0.2X13X32T	0.2	32	13
40X0.3X13X32T	0.3	32	13
40X0.4X13X32T	0.4	32	13
40X0.5X13X32T	0.5	32	13
40X0.6X13X32T	0.6	32	13
40X0.8X13X32T	0.8	32	13
40X1.0X13X32T	1	32	13
40X1.2X13X32T	1.2	32	13
40X1.5X13X32T	1.5	32	13
40X2.0X13X32T	2	32	13
40X2.5X13X32T	2.5	32	13
40X3.0X13X32T	3	32	13
40X3.5X13X32T	3.5	32	13
40X4.0X13X32T	4	32	13
40X5.0X13X32T	5	32	13

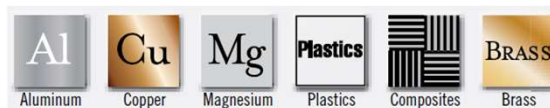
TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Fine Teeth (T)	Arbor Dia(mm)
40X0.2X13	0.2	32	72	13
40X0.3X13	0.3	32	72	13
40X0.4X13	0.4	32	72	13
40X0.5X13	0.5	32	72	13
40X0.6X13	0.6	32	72	13
40X0.8X13	0.8	32	72	13
40X1.0X13	1	32	72	13
40X1.2X13	1.2	32	72	13
40X1.5X13	1.5	32	72	13
40X2.0X13	2	32	72	13
40X2.5X13	2.5	32	72	13
40X3.0X13	3	32	72	13
40X3.5X13	3.5	32	72	13
40X4.0X13	4	32	72	13
40X5.0X13	5	32	72	13

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia A(mm)	Arbor Dia B(mm)
50X0.2X40T	0.2	40	13	16
50X0.3X40T	0.3	40	13	16
50X0.4X40T	0.4	40	13	16
50X0.5X40T	0.5	40	13	16
50X0.6X40T	0.6	40	13	16
50X0.8X40T	0.8	40	13	16
50X1.0X40T	1	40	13	16
50X1.2X40T	1.2	40	13	16
50X1.5X40T	1.5	40	13	16
50X2.0X40T	2	40	13	16
50X2.5X40T	2.5	40	13	16
50X3.0X40T	3	40	13	16
50X3.5X40T	3.5	40	13	16
50X4.0X40T	4	40	13	16
50X5.0X40T	5	40	13	16

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia A(mm)	Arbor Dia B(mm)
50X0.2X80T	0.2	80	13	16
50X0.3X80T	0.3	80	13	16
50X0.4X80T	0.4	80	13	16
50X0.5X80T	0.5	80	13	16
50X0.6X80T	0.6	80	13	16
50X0.8X80T	0.8	80	13	16
50X1.0X80T	1	80	13	16
50X1.2X80T	1.2	80	13	16
50X1.5X80T	1.5	80	13	16
50X2.0X80T	2	80	13	16
50X2.5X80T	2.5	80	13	16
50X3.0X80T	3	80	13	16
50X3.5X80T	3.5	80	13	16
50X4.0X80T	4	80	13	16
50X5.0X80T	5	80	13	16

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia A(mm)	Arbor Dia B(mm)
63X0.2X48T	0.2	48	22	-
63X0.3X48T	0.3	48	22	16
63X0.4X48T	0.4	48	22	16
63X0.5X48T	0.5	48	22	16
63X0.6X48T	0.6	48	22	16
63X0.8X48T	0.8	48	22	16
63X1.0X48T	1	48	22	16
63X1.2X48T	1.2	48	22	16
63X1.5X48T	1.5	48	22	16
63X2.0X48T	2	48	22	16
63X2.5X48T	2.5	48	22	16
63X3.0X48T	3	48	22	16
63X3.5X48T	3.5	48	22	16
63X4.0X48T	4	48	22	16
63X5.0X48T	5	48	22	16

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia A(mm)	Arbor Dia B(mm)
63X0.2X100T	0.2	100	22	-
63X0.3X100T	0.3	100	22	16
63X0.4X100T	0.4	100	22	16
63X0.5X100T	0.5	100	22	16
63X0.6X100T	0.6	100	22	16
63X0.8X100T	0.8	100	22	16
63X1.0X100T	1	100	22	16
63X1.2X100T	1.2	100	22	16
63X1.5X100T	1.5	100	22	16
63X2.0X100T	2	100	22	16
63X2.5X100T	2.5	100	22	16
63X3.0X100T	3	100	22	16
63X3.5X100T	3.5	100	22	16
63X4.0X100T	4	100	22	16
63X5.0X100T	5	100	22	16

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia(mm)
80X0.3X22	0.3	64	22
80X0.4X22	0.4	64	22
80X0.5X22	0.5	64	22
80X0.6X22	0.6	48	22
80X0.8X22	0.8	48	22
80X1.0X22	1	48	22
80X1.2X22	1.2	48	22
80X1.5X22	1.5	48	22
80X2.0X22	2	48	22
80X2.5X22	2.5	48	22
80X3.0X22	3	48	22
80X3.5X22	3.5	48	22
80X4.0X22	4	48	22
80X5.0X22	5	48	22
80X6.0X22	6	48	22

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia(mm)
80X0.3X22	0.3	128	22
80X0.4X22	0.4	128	22
80X0.5X22	0.5	128	22
80X0.6X22	0.6	100	22
80X0.8X22	0.8	100	22
80X1.0X22	1	100	22
80X1.2X22	1.2	100	22
80X1.5X22	1.5	100	22
80X2.0X22	2	100	22
80X2.5X22	2.5	100	22
80X3.0X22	3	100	22
80X3.5X22	3.5	100	22
80X4.0X22	4	100	22
80X5.0X22	5	100	22
80X6.0X22	6	100	22

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia(mm)
100X0.6X22	0.6	64	22
100X0.8X22	0.8	64	22
100X1.0X22	1	64	22
100X1.2X22	1.2	48	22
100X1.5X22	1.5	48	22
100X2.0X22	2	48	22
100X2.5X22	2.5	48	22
100X3.0X22	3	48	22
100X3.5X22	3.5	48	22
100X4.0X22	4	48	22
100X4.5X22	4.5	48	22
100X5.0X22	5	48	22

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia(mm)
100X0.6X22	0.6	128	22
100X0.8X22	0.8	128	22
100X1.0X22	1	128	22
100X1.2X22	1.2	100	22
100X1.5X22	1.5	100	22
100X2.0X22	2	100	22
100X2.5X22	2.5	100	22
100X3.0X22	3	100	22
100X3.5X22	3.5	100	22
100X4.0X22	4	100	22
100X4.5X22	4.5	100	22
100X5.0X22	5	100	22

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
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TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia(mm)
125X0.8X22	0.8	60	22
125X1.0X22	1	60	22
125X1.2X22	1.2	60	22
125X1.5X22	1.5	60	22
125X2.0X22	2	60	22
125X2.5X22	2.5	60	22
125X3.0X22	3	60	22
125X3.5X22	3.5	60	22
125X4.0X22	4	60	22
125X4.5X22	4.5	60	22
125X5.0X22	5	60	22

TC20 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia(mm)
125X0.8X22	0.8	120	22
125X1.0X22	1	120	22
125X1.2X22	1.2	120	22
125X1.5X22	1.5	120	22
125X2.0X22	2	120	22
125X2.5X22	2.5	120	22
125X3.0X22	3	120	22
125X3.5X22	3.5	120	22
125X4.0X22	4	120	22
125X4.5X22	4.5	120	22
125X5.0X22	5	120	22

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
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TC10 Series Carbide Slitting Saws



Item No.	Thickness(mm)	Coarse teeth (T)	Arbor Dia A(mm)	Arbor Dia B(mm)
150X0.8X22	0.8	64	25.4	32
150X1.0X22	1	64	25.4	32
150X1.2X22	1.2	64	25.4	32
150X1.5X22	1.5	60	25.4	32
150X2.0X22	2	60	25.4	32
150X2.5X22	2.5	60	25.4	32
150X3.0X22	3	60	25.4	32
150X3.5X22	3.5	60	25.4	32
150X4.0X22	4	60	25.4	32
150X4.5X22	4.5	60	25.4	32
150X5.0X22	5	60	25.4	32

TC20 Series Carbide Slitting Saws



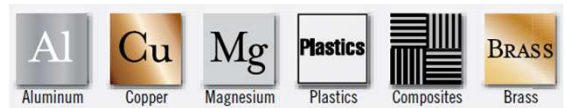
Item No.	Thickness(mm)	Fine Teeth (T)	Arbor Dia(mm)	Arbor Dia B(mm)
150X0.8X22	0.8	128	25.4	32
150X1.0X22	1	128	25.4	32
150X1.2X22	1.2	128	25.4	32
150X1.5X22	1.5	100	25.4	32
150X2.0X22	2	100	25.4	32
150X2.5X22	2.5	100	25.4	32
150X3.0X22	3	100	25.4	32
150X3.5X22	3.5	100	25.4	32
150X4.0X22	4	100	25.4	32
150X4.5X22	4.5	100	25.4	32
150X5.0X22	5	100	25.4	32

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

3/4" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
3/4odX1/4 id X .004 thk X 24T	0.004	24	1/4
3/4odX1/4 id X .006 thk X 24T	0.006	24	1/4
3/4odX1/4 id X .008 thk X 24T	0.008	24	1/4
3/4odX1/4 id X .01 thk X 24T	0.01	24	1/4
3/4odX1/4 id X .012 thk X24T	0.012	24	1/4
3/4odX1/4 id X .0156 thk X 24T	0.0156	24	1/4
3/4odX1/4 id X .020 thk X 24T	0.02	24	1/4
3/4odX1/4 id X .025 thk X 24T	0.025	24	1/4
3/4odX1/4 id X .028 thk X 24T	0.028	24	1/4
3/4odX1/4 id X .0312 thk X 24T	0.0312	24	1/4
3/4odX1/4 id X .035 thk X 24T	0.035	24	1/4
3/4odX1/4 id X .04 thk X 24T	0.04	24	1/4
3/4odX1/4 id X .0468 thk X 24T	0.0468	24	1/4
3/4odX1/4 id X .0625 thk X 24T	0.0625	24	1/4
3/4odX1/4 id X .0787 thk X 24T	0.0787	24	1/4
3/4odX1/4 id X .0937 thk X 24T	0.0937	24	1/4
3/4odX1/4 id X .125 thk X 24T	0.125	24	1/4

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
3/4odX1/4 id X .004 thk X 48T	0.004	48	1/4
3/4odX1/4 id X .006 thk X 48T	0.006	48	1/4
3/4odX1/4 id X .008 thk X 48T	0.008	48	1/4
3/4odX1/4 id X .01 thk X 48T	0.01	48	1/4
3/4odX1/4 id X .012 thk X48T	0.012	48	1/4
3/4odX1/4 id X .0156 thk X 48T	0.0156	48	1/4
3/4odX1/4 id X .020 thk X 48T	0.02	48	1/4
3/4odX1/4 id X .025 thk X 48T	0.025	48	1/4
3/4odX1/4 id X .028 thk X 48T	0.028	48	1/4
3/4odX1/4 id X .0312 thk X 48T	0.0312	48	1/4
3/4odX1/4 id X .035 thk X 48T	0.035	48	1/4
3/4odX1/4 id X .04 thk X 48T	0.04	48	1/4
3/4odX1/4 id X .0468 thk X 48T	0.0468	48	1/4
3/4odX1/4 id X .0625 thk X 48T	0.0625	48	1/4
3/4odX1/4 id X .0787 thk X 48T	0.0787	48	1/4
3/4odX1/4 id X .0937 thk X 48T	0.0937	48	1/4
3/4odX1/4 id X .125 thk X 48T	0.125	48	1/4

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1odX3/8 id X .008 thk X 24T	0.008	24	3/8
1odX3/8 id X .01 thk X 24T	0.01	24	3/8
1odX3/8 id X .012 thk X 24T	0.012	24	3/8
1odX3/8 id X .0156 thk X 24T	0.0156	24	3/8
1odX3/8 id X .02 thk X 24T	0.02	24	3/8
1odX3/8 id X .025 thk X 24T	0.025	24	3/8
1odX3/8 id X .028 thk X 24T	0.028	24	3/8
1odX3/8 id X .0312 thk X 24T	0.0312	24	3/8
1odX3/8 id X .035 thk X 24T	0.035	24	3/8
1odX3/8 id X .04 thk X 24T	0.04	24	3/8
1odX3/8 id X .0468 thk X 24T	0.0468	24	3/8
1odX3/8 id X .0625 thk X 24T	0.0625	24	3/8
1odX3/8 id X .0787 thk X 24T	0.0787	24	3/8
1odX3/8 id X .0937 thk X 24T	0.0937	24	3/8
1odX3/8 id X .125 thk X 24T	0.125	24	3/8

TC20 Series Carbide Slitting Saws



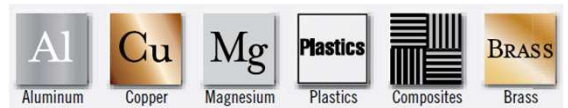
Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1odX3/8 id X .008 thk X 50T	0.008	50	3/8
1odX3/8 id X .01 thk X 50T	0.01	50	3/8
1odX3/8 id X .012 thk X 50T	0.012	50	3/8
1odX3/8 id X .0156 thk X 50T	0.0156	50	3/8
1odX3/8 id X .02 thk X 50T	0.02	50	3/8
1odX3/8 id X .025 thk X 50T	0.025	50	3/8
1odX3/8 id X .028 thk X 50T	0.028	50	3/8
1odX3/8 id X .0312 thk X 50T	0.0312	50	3/8
1odX3/8 id X .035 thk X 50T	0.035	50	3/8
1odX3/8 id X .04 thk X 50T	0.04	50	3/8
1odX3/8 id X .0468 thk X 50T	0.0468	50	3/8
1odX3/8 id X .0625 thk X 50T	0.0625	50	3/8
1odX3/8 id X .0787 thk X 50T	0.0787	50	3/8
1odX3/8 id X .0937 thk X 50T	0.0937	50	3/8
1odX3/8 id X .125 thk X 50T	0.125	50	3/8

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

1 1/4" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1.25odX1/2 id X .008 thkX32T	0.008	32	1/2
1.25odX1/2 id X .001 thkX32T	0.01	32	1/2
1.25odX1/2 id X .012 thkX32T	0.012	32	1/2
1.25odX1/2 id X .0156 thkX32T	0.0156	32	1/2
1.25odX1/2 id X .02 thkX32T	0.02	32	1/2
1.25odX1/2 id X .025 thkX32T	0.025	32	1/2
1.25odX1/2 id X .028 thkX32T	0.028	32	1/2
1.25odX1/2 id X .0312 thkX32T	0.0312	32	1/2
1.25odX1/2 id X .035 thkX32T	0.035	32	1/2
1.25odX1/2 id X .04 thkX32T	0.04	32	1/2
1.25odX1/2 id X .0468 thkX32T	0.0468	32	1/2
1.25odX1/2 id X .0625 thkX32T	0.0625	32	1/2
1.25odX1/2 id X .0787 thkX32T	0.0787	32	1/2
1.25odX1/2 id X .0937 thkX32T	0.0937	32	1/2
1.25odX1/2 id X .125 thkX32T	0.125	32	1/2
1.25odX1/2 id X .1562 thkX32T	0.1562	32	1/2
1.25odX1/2 id X .1875 thkX32T	0.1875	32	1/2
1.25odX1/2 id X .25 thkX32T	0.25	32	1/2

TC20 Series Carbide Slitting Saws



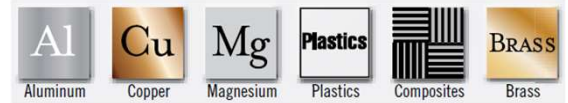
Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1.25odX1/2 id X .008 thkX60T	0.008	60	1/2
1.25odX1/2 id X .001 thkX60T	0.01	60	1/2
1.25odX1/2 id X .012 thkX60T	0.012	60	1/2
1.25odX1/2 id X .0156 thkX60T	0.0156	60	1/2
1.25odX1/2 id X .02 thkX60T	0.02	60	1/2
1.25odX1/2 id X .025 thkX60T	0.025	60	1/2
1.25odX1/2 id X .028 thkX60T	0.028	60	1/2
1.25odX1/2 id X .0312 thkX60T	0.0312	60	1/2
1.25odX1/2 id X .035 thkX60T	0.035	60	1/2
1.25odX1/2 id X .04 thkX60T	0.04	60	1/2
1.25odX1/2 id X .0468 thkX60T	0.0468	60	1/2
1.25odX1/2 id X .0625 thkX60T	0.0625	60	1/2
1.25odX1/2 id X .0787 thkX60T	0.0787	60	1/2
1.25odX1/2 id X .0937 thkX60T	0.0937	60	1/2
1.25odX1/2 id X .125 thkX60T	0.125	60	1/2
1.25odX1/2 id X .1562 thkX60T	0.1562	60	1/2
1.25odX1/2 id X .1875 thkX60T	0.1875	60	1/2
1.25odX1/2 id X .25 thkX60T	0.25	60	1/2

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

1 1/2" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1.5odX1/2 id X .008 thkX32T	0.008	32	1/2
1.5odX1/2 id X .001 thkX32T	0.01	32	1/2
1.5odX1/2 id X .012 thkX32T	0.012	32	1/2
1.5odX1/2 id X .0156 thkX32T	0.0156	32	1/2
1.5odX1/2 id X .02 thkX32T	0.02	32	1/2
1.5odX1/2 id X .025 thkX32T	0.025	32	1/2
1.5odX1/2 id X .028 thkX32T	0.028	32	1/2
1.5odX1/2 id X .0312 thkX32T	0.0312	32	1/2
1.5odX1/2 id X .035 thkX32T	0.035	32	1/2
1.5odX1/2 id X .04 thkX32T	0.04	32	1/2
1.5odX1/2 id X .0468 thkX32T	0.0468	32	1/2
1.5odX1/2 id X .0625 thkX32T	0.0625	32	1/2
1.5odX1/2 id X .0787 thkX32T	0.0787	32	1/2
1.5odX1/2 id X .0937 thkX32T	0.0937	32	1/2
1.5odX1/2 id X .125 thkX32T	0.125	32	1/2
1.5odX1/2 id X .1562 thkX32T	0.1562	32	1/2
1.5odX1/2 id X .1875 thkX32T	0.1875	32	1/2
1.5odX1/2 id X .25 thkX32T	0.25	32	1/2

TC20 Series Carbide Slitting Saws



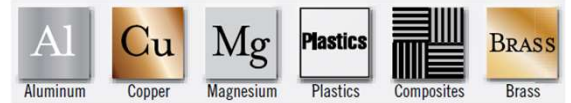
Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia(Inch)
1.5odX1/2 id X .008 thkX72T	0.008	72	1/2
1.5odX1/2 id X .001 thkX72T	0.01	72	1/2
1.5odX1/2 id X .012 thkX72T	0.012	72	1/2
1.5odX1/2 id X .0156 thkX72T	0.0156	72	1/2
1.5odX1/2 id X .02 thkX72T	0.02	72	1/2
1.5odX1/2 id X .025 thkX72T	0.025	72	1/2
1.5odX1/2 id X .028 thkX72T	0.028	72	1/2
1.5odX1/2 id X .0312 thkX72T	0.0312	72	1/2
1.5odX1/2 id X .035 thkX72T	0.035	72	1/2
1.5odX1/2 id X .04 thkX72T	0.04	72	1/2
1.5odX1/2 id X .0468 thkX72T	0.0468	72	1/2
1.5odX1/2 id X .0625 thkX72T	0.0625	72	1/2
1.5odX1/2 id X .0787 thkX72T	0.0787	72	1/2
1.5odX1/2 id X .0937 thkX72T	0.0937	72	1/2
1.5odX1/2 id X .125 thkX72T	0.125	72	1/2
1.5odX1/2 id X .1562 thkX72T	0.1562	72	1/2
1.5odX1/2 id X .1875 thkX72T	0.1875	72	1/2
1.5odX1/2 id X .25 thkX72T	0.25	72	1/2

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

1 3/4" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia A (Inch)	Arbor Dia B(Inch)	Arbor Dia C (Inch)
1.75odX .008 thkX32T	0.008	32	1/2	5/8	7/8
1.75odX .001 thkX32T	0.01	32	1/2	5/8	7/8
1.75odX X .012 thkX32T	0.012	32	1/2	5/8	7/8
1.75od X .0156 thkX32T	0.0156	32	1/2	5/8	7/8
1.75od X .02 thkX32T	0.02	32	1/2	5/8	7/8
1.75od X .025 thkX32T	0.025	32	1/2	5/8	7/8
1.75od X .028 thkX32T	0.028	32	1/2	5/8	7/8
1.75od X .0312 thkX32T	0.0312	32	1/2	5/8	7/8
1.75od X .035 thkX32T	0.035	32	1/2	5/8	7/8
1.75od X .04 thkX32T	0.04	32	1/2	5/8	7/8
1.75od X .0468 thkX32T	0.0468	32	1/2	5/8	7/8
1.75od X .0625 thkX32T	0.0625	32	1/2	5/8	7/8
1.75od X .0787 thkX32T	0.0787	32	1/2	5/8	7/8
1.75od X .0937 thkX32T	0.0937	32	1/2	5/8	7/8
1.75od X .125 thkX32T	0.125	32	1/2	5/8	7/8
1.75od X .1562 thkX32T	0.1562	32	1/2	5/8	7/8
1.75od X .1875 thkX32T	0.1875	32	1/2	5/8	7/8
1.75od X .25 thkX32T	0.25	32	1/2	5/8	7/8

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia A (Inch)	Arbor Dia B(Inch)	Arbor Dia C (Inch)
1.75odX .008 thkX72T	0.008	72	1/2	5/8	7/8
1.75odX .001 thkX72T	0.01	72	1/2	5/8	7/8
1.75odX X .012 thkX72T	0.012	72	1/2	5/8	7/8
1.75od X .0156 thkX72T	0.0156	72	1/2	5/8	7/8
1.75od X .02 thkX72T	0.02	72	1/2	5/8	7/8
1.75od X .025 thkX72T	0.025	72	1/2	5/8	7/8
1.75od X .028 thkX72T	0.028	72	1/2	5/8	7/8
1.75od X .0312 thkX72T	0.0312	72	1/2	5/8	7/8
1.75od X .035 thkX72T	0.035	72	1/2	5/8	7/8
1.75od X .04 thkX72T	0.04	72	1/2	5/8	7/8
1.75od X .0468 thkX72T	0.0468	72	1/2	5/8	7/8
1.75od X .0625 thkX72T	0.0625	72	1/2	5/8	7/8
1.75od X .0787 thkX72T	0.0787	72	1/2	5/8	7/8
1.75od X .0937 thkX72T	0.0937	72	1/2	5/8	7/8
1.75od X .125 thkX72T	0.125	72	1/2	5/8	7/8
1.75od X .1562 thkX72T	0.1562	72	1/2	5/8	7/8
1.75od X .1875 thkX72T	0.1875	72	1/2	5/8	7/8
1.75od X .25 thkX72T	0.25	72	1/2	5/8	7/8

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
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TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia A(Inch)	Arbor Dia B(Inch)
2odX .008 thkX40T	0.008	40	1/2	1
2odX .01 thkX40T	0.01	40	1/2	1
2odX .012 thkX40T	0.012	40	1/2	1
2odX .0156 thkX40T	0.0156	40	1/2	1
2odX .02 thkX40T	0.02	40	1/2	1
2odX .025 thkX40T	0.025	40	1/2	1
2odX .028 thkX40T	0.028	40	1/2	1
2odX .0312 thkX40T	0.0312	40	1/2	1
2odX .035 thkX40T	0.035	40	1/2	1
2odX .04 thkX40T	0.04	40	1/2	1
2odX .0468 thkX40T	0.0468	40	1/2	1
2odX .0625 thkX40T	0.0625	40	1/2	1
2odX .0787 thkX40T	0.0787	40	1/2	1
2odX .0937 thkX40T	0.0937	40	1/2	1
2odX .125 thkX40T	0.125	40	1/2	1
2odX .1562 thkX40T	0.1562	40	1/2	1
2odX .1875 thkX40T	0.1875	40	1/2	1
2odX .25 thkX40T	0.25	40	1/2	1

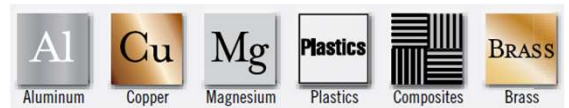
TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia A(Inch)
2odX .008 thkX80T	0.008	80	1/2
2odX .01 thkX80T	0.01	80	1/2
2odX .012 thkX80T	0.012	80	1/2
2odX .0156 thkX80T	0.0156	80	1/2
2odX .02 thkX80T	0.02	80	1/2
2odX .025 thkX80T	0.025	80	1/2
2odX .028 thkX80T	0.028	80	1/2
2odX .0312 thkX80T	0.0312	80	1/2
2odX .035 thkX80T	0.035	80	1/2
2odX .04 thkX80T	0.04	80	1/2
2odX .0468 thkX80T	0.0468	80	1/2
2odX .0625 thkX80T	0.0625	80	1/2
2odX .0787 thkX80T	0.0787	80	1/2
2odX .0937 thkX80T	0.0937	80	1/2
2odX .125 thkX80T	0.125	80	1/2
2odX .1562 thkX80T	0.1562	80	1/2
2odX .1875 thkX80T	0.1875	80	1/2
2odX .25 thkX80T	0.25	80	1/2

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.25odX.625X .008 thkX40T	0.008	40	5/8
2.25odX.625X .01 thkX40T	0.01	40	5/8
2.25odX.625X .012 thkX40T	0.012	40	5/8
2.25odX.625X .0156 thkX40T	0.0156	40	5/8
2.25odX.625X .02 thkX40T	0.02	40	5/8
2.25odX.625X .025 thkX40T	0.025	40	5/8
2.25odX.625X .028 thkX40T	0.028	40	5/8
2.25odX.625X .0312 thkX40T	0.0312	40	5/8
2.25odX.625X .035 thkX40T	0.035	40	5/8
2.25odX.625X .04 thkX40T	0.04	40	5/8
2.25odX.625X .0468 thkX40T	0.0468	40	5/8
2.25odX.625X .0625 thkX40T	0.0625	40	5/8
2.25odX.625X .0787 thkX40T	0.0787	40	5/8
2.25odX.625X .0937 thkX40T	0.0937	40	5/8
2.25odX.625X .125 thkX40T	0.125	40	5/8
2.25odX.625X .1562 thkX40T	0.1562	40	5/8
2.25odX.625X .1875 thkX40T	0.1875	40	5/8
2.25odX.625X .25 thkX40T	0.25	40	5/8

TC20 Series Carbide Slitting Saws



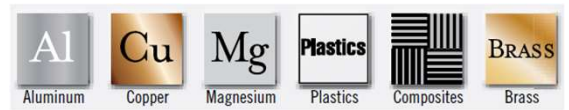
Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.25odX.625X .008 thkX80T	0.008	80	5/8
2.25odX.625X .01 thkX80T	0.01	80	5/8
2.25odX.625X .012 thkX80T	0.012	80	5/8
2.25odX.625X .0156 thkX80T	0.0156	80	5/8
2.25odX.625X .02 thkX80T	0.02	80	5/8
2.25odX.625X .025 thkX80T	0.025	80	5/8
2.25odX.625X .028 thkX80T	0.028	80	5/8
2.25odX.625X .0312 thkX80T	0.0312	80	5/8
2.25odX.625X .035 thkX80T	0.035	80	5/8
2.25odX.625X .04 thkX80T	0.04	80	5/8
2.25odX.625X .0468 thkX80T	0.0468	80	5/8
2.25odX.625X .0625 thkX80T	0.0625	80	5/8
2.25odX.625X .0787 thkX80T	0.0787	80	5/8
2.25odX.625X .0937 thkX80T	0.0937	80	5/8
2.25odX.625X .125 thkX80T	0.125	80	5/8
2.25odX.625X .1562 thkX80T	0.1562	80	5/8
2.25odX.625X .1875 thkX80T	0.1875	80	5/8
2.25odX.625X .25 thkX80T	0.25	80	5/8

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

2 1/2" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.5odX1X .008 thkX40T	0.008	40	1
2.5odX1X .01 thkX40T	0.01	40	1
2.5odX1X .012 thkX40T	0.012	40	1
2.5odX1X .0156 thkX40T	0.0156	40	1
2.5odX1X .02 thkX40T	0.02	40	1
2.5odX1X .025 thkX40T	0.025	40	1
2.5odX1X .028 thkX40T	0.028	40	1
2.5odX1X .0312 thkX40T	0.0312	40	1
2.5odX1X .035 thkX40T	0.035	40	1
2.5odX1X .04 thkX40T	0.04	40	1
2.5odX1X .0468 thkX40T	0.0468	40	1
2.5odX1X .0625 thkX40T	0.0625	40	1
2.5odX1X .0787 thkX40T	0.0787	40	1
2.5odX1X .0937 thkX40T	0.0937	40	1
2.5odX1X .125 thkX40T	0.125	40	1
2.5odX1X .1562 thkX40T	0.1562	40	1
2.5odX1X .1875 thkX40T	0.1875	40	1
2.5odX1X .25 thkX40T	0.25	40	1

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.5odX1X .008 thkX80T	0.008	80	1
2.5odX1X .01 thkX80T	0.01	80	1
2.5odX1X .012 thkX80T	0.012	80	1
2.5odX1X .0156 thkX80T	0.0156	80	1
2.5odX1X .02 thkX80T	0.02	80	1
2.5odX1X .025 thkX80T	0.025	80	1
2.5odX1X .028 thkX80T	0.028	80	1
2.5odX1X .0312 thkX80T	0.0312	80	1
2.5odX1X .035 thkX80T	0.035	80	1
2.5odX1X .04 thkX80T	0.04	80	1
2.5odX1X .0468 thkX80T	0.0468	80	1
2.5odX1X .0625 thkX80T	0.0625	80	1
2.5odX1X .0787 thkX80T	0.0787	80	1
2.5odX1X .0937 thkX80T	0.0937	80	1
2.5odX1X .125 thkX80T	0.125	80	1
2.5odX1X .1562 thkX80T	0.1562	80	1
2.5odX1X .1875 thkX80T	0.1875	80	1
2.5odX1X .25 thkX80T	0.25	80	1

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

2 3/4" diameter/Inch

ToolingBox®

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.75odX1X .008 thkX40T	0.008	40	1
2.75odX1X .01 thkX40T	0.01	40	1
2.75odX1X .012 thkX40T	0.012	40	1
2.75odX1X .0156 thkX40T	0.0156	40	1
2.75odX1X .02 thkX40T	0.02	40	1
2.75odX1X .025 thkX40T	0.025	40	1
2.75odX1X .028 thkX40T	0.028	40	1
2.75odX1X .0312 thkX40T	0.0312	40	1
2.75odX1X .035 thkX40T	0.035	40	1
2.75odX1X .04 thkX40T	0.04	40	1
2.75odX1X .0468 thkX40T	0.0468	40	1
2.75odX1X .0625 thkX40T	0.0625	40	1
2.75odX1X .0787 thkX40T	0.0787	40	1
2.75odX1X .0937 thkX40T	0.0937	40	1
2.75odX1X .125 thkX40T	0.125	40	1
2.75odX1X .1562 thkX40T	0.1562	40	1
2.75odX1X .1875 thkX40T	0.1875	40	1
2.75odX1X .25 thkX40T	0.25	40	1

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
2.75odX1X .008 thkX80T	0.008	80	1
2.75odX1X .01 thkX80T	0.01	80	1
2.75odX1X .012 thkX80T	0.012	80	1
2.75odX1X .0156 thkX80T	0.0156	80	1
2.75odX1X .02 thkX80T	0.02	80	1
2.75odX1X .025 thkX80T	0.025	80	1
2.75odX1X .028 thkX80T	0.028	80	1
2.75odX1X .0312 thkX80T	0.0312	80	1
2.75odX1X .035 thkX80T	0.035	80	1
2.75odX1X .04 thkX80T	0.04	80	1
2.75odX1X .0468 thkX80T	0.0468	80	1
2.75odX1X .0625 thkX80T	0.0625	80	1
2.75odX1X .0787 thkX80T	0.0787	80	1
2.75odX1X .0937 thkX80T	0.0937	80	1
2.75odX1X .125 thkX80T	0.125	80	1
2.75odX1X .1562 thkX80T	0.1562	80	1
2.75odX1X .1875 thkX80T	0.1875	80	1
2.75odX1X .25 thkX80T	0.25	80	1

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
3odX1X .008 thkX48T	0.008	48	1
3odX1X .01 thkX48T	0.01	48	1
3odX1X .012 thkX48T	0.012	48	1
3odX1X .0156 thkX48T	0.0156	48	1
3odX1X .02 thkX48T	0.02	48	1
3odX1X .025 thkX48T	0.025	48	1
3odX1X .028 thkX48T	0.028	48	1
3odX1X .0312 thkX48T	0.0312	48	1
3odX1X .035 thkX48T	0.035	48	1
3odX1X .04 thkX48T	0.04	48	1
3odX1X .0468 thkX48T	0.0468	48	1
3odX1X .0625 thkX48T	0.0625	48	1
3odX1X .0787 thkX48T	0.0787	48	1
3odX1X .0937 thkX48T	0.0937	48	1
3odX1X .125 thkX48T	0.125	48	1
3odX1X .1562 thkX48T	0.1562	48	1
3odX1X .1875 thkX48T	0.1875	48	1
3odX1X .25 thkX48T	0.25	48	1

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
3odX1X .008 thkX100T	0.008	100	1
3odX1X .01 thkX100T	0.01	100	1
3odX1X .012 thkX100T	0.012	100	1
3odX1X .0156 thkX100T	0.0156	100	1
3odX1X .02 thkX100T	0.02	100	1
3odX1X .025 thkX100T	0.025	100	1
3odX1X .028 thkX100T	0.028	100	1
3odX1X .0312 thkX100T	0.0312	100	1
3odX1X .035 thkX100T	0.035	100	1
3odX1X .04 thkX100T	0.04	100	1
3odX1X .0468 thkX100T	0.0468	100	1
3odX1X .0625 thkX100T	0.0625	100	1
3odX1X .0787 thkX100T	0.0787	100	1
3odX1X .0937 thkX100T	0.0937	100	1
3odX1X .125 thkX100T	0.125	100	1
3odX1X .1562 thkX100T	0.1562	100	1
3odX1X .1875 thkX100T	0.1875	100	1
3odX1X .25 thkX100T	0.25	100	1

- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.

TC10 Series Carbide Slitting Saws



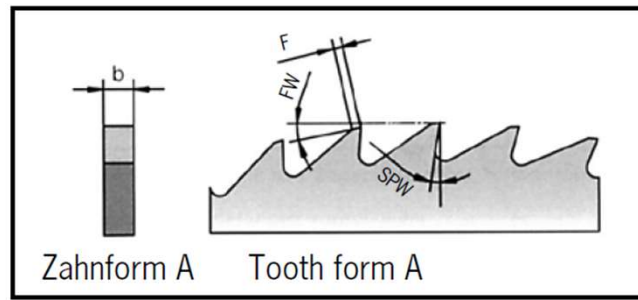
Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
4odX1X .008 thkX64T	0.008	64	1
4odX1X .01 thkX64T	0.01	64	1
4odX1X .012 thkX64T	0.012	64	1
4odX1X .0156 thkX64T	0.0156	64	1
4odX1X .02 thkX64T	0.02	64	1
4odX1X .025 thkX64T	0.025	64	1
4odX1X .028 thkX64T	0.028	64	1
4odX1X .0312 thkX64T	0.0312	64	1
4odX1X .035 thkX64T	0.035	64	1
4odX1X .04 thkX64T	0.04	64	1
4odX1X .0468 thkX64T	0.0468	64	1
4odX1X .0625 thkX64T	0.0625	64	1
4odX1X .0787 thkX64T	0.0787	64	1
4odX1X .0937 thkX64T	0.0937	64	1
4odX1X .125 thkX64T	0.125	64	1
4odX1X .1562 thkX64T	0.1562	64	1
4odX1X .1875 thkX64T	0.1875	64	1
4odX1X .25 thkX64T	0.25	64	1

TC20 Series Carbide Slitting Saws



Item No.	Thickness(Inch)	Teeth No.(T)	Arbor Dia (Inch)
4odX1X .008 thkX128T	0.008	128	1
4odX1X .01 thkX128T	0.01	128	1
4odX1X .012 thkX128T	0.012	128	1
4odX1X .0156 thkX128T	0.0156	128	1
4odX1X .02 thkX128T	0.02	128	1
4odX1X .025 thkX128T	0.025	128	1
4odX1X .028 thkX128T	0.028	128	1
4odX1X .0312 thkX128T	0.0312	128	1
4odX1X .035 thkX128T	0.035	128	1
4odX1X .04 thkX128T	0.04	128	1
4odX1X .0468 thkX128T	0.0468	128	1
4odX1X .0625 thkX128T	0.0625	128	1
4odX1X .0787 thkX128T	0.0787	128	1
4odX1X .0937 thkX128T	0.0937	128	1
4odX1X .125 thkX128T	0.125	128	1
4odX1X .1562 thkX128T	0.1562	128	1
4odX1X .1875 thkX128T	0.1875	128	1
4odX1X .25 thkX128T	0.25	128	1

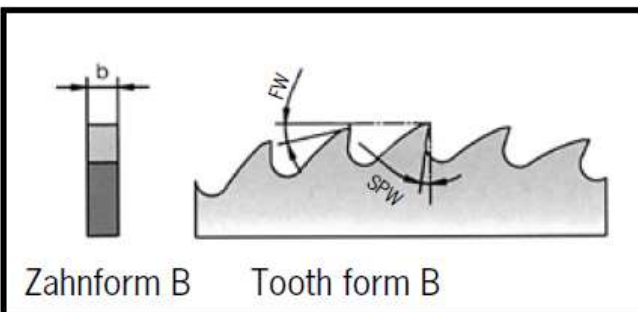
- The coarse teeth and fine teeth of every size are recommended for different cutting materials.
- Other sizes and tooth forms can be customized.



SPW = Spanwinkel / Rake angle FW = Freiwinkel / Free angle
F = Fase / Face b = Schnittbreite / Cutting width

Tooth form A with face similar DIN 1837 (fine teeth) ;

For low cutting depths, slots and thin-walled tubes with small diameter and for short broken chips.



Tooth form B with face similar DIN 1838 (large teeth) ;

For solid material, deep cuts, tubes with wall thickness above 2,5 mm and long broken chips.

Ausführung Zahnform B gegen Aufpreis lieferbar.
Tooth form B can also be supplied (with surcharge).

Selection Steps of Carbide Slitting Saws

01

Select the Outer Diameter

Generally, the outer diameter is selected by the depth of cut (Table 1).

02

Select the Inner Diameter

Find the corresponding inner hole according to the outer diameter (Table 2)

03

Determine the Thickness

Determine the thickness of the saw blade according to the cutting needs (Table 2)

04

Coarse or Fine Pitch?

If you're working with non-ferrous metals, ToolingBox suggests a Coarse Pitch, and finer pitch saws for ferrous metals.

Selection Steps of Carbide Slitting Saws

Table 1-Selection Reference for Outer Diameter of Slitting Saws								
Cutting depth(mm)	3	5	8	10	12	15	20	30
Outer Dia(mm)	40	50	63	70	75	80	100	125

Table 2 - Corresponding table of size and teeth number of slitting saws			
Outer Dia of Slitting Saw(mm)	Thickness scope (mm)	Inner Dia (mm)	Optional Teeth Z (T)
10	0.2-3	4/5/6	12/18/24/30/36/40/50
20	0.2-3	5/6/8/10	18/24/30/36/40/50/60
25	0.2-5	5/6/8/10	18/24/30/36/40/50/60/72
30	0.2-5	8/10/12.7/13	24/30/36/40/50/60/72/80
40	0.2-5	8/10/12.7/13	30/36/40/50/60/72/80/90
50	0.2-5	8/10/12.7/13/16/22	40/50/60/72/80/90/100/120
60	0.2-6	12.7/13/16/22	40/50/60/72/80/90/100/120
63	0.2-6	12.7/13/16/22	40/50/60/72/80/90/100/120
70	0.2-6	13/16/22/25.4	40/50/60/72/80/90/100/120
75	0.2-6	16/22/25.4	40/50/60/72/80/90/100/120
80	0.3-10	16/22/25.4	40/50/60/72/80/90/100/120
100	0.5-6	22/25.4	50/60/72/80/90/100/120/150
110	0.5-6	22/25.4	50/60/72/80/90/100/120/150
125	0.5-6	22/25.4	50/60/72/80/90/100/120/150
150	0.5-4	22/25.4	64/80/120/240
180	0.5-4	22/25.4	64/80/120/240
200	1.0-4	22/25.4	64/80/120/240
250	1.0-4	22/25.4	64/80/120/240
300	1.0-4	22/25.4	100/200/300

【Note】

- Dia Sizes larger than 100mm need to be customized!
- Coarse teeth are preferred to non-ferrous metal cutting, and Fine teeth are preferred to stainless steel/Ti alloy cutting.
- Please download our catalogs for more [Metric types](#) and [Inch sizes](#), or if you need customized size for special applications, just feel free to contact us via our email sales@toolingbox.com, We will assist you from the designing step to the final application.

Checklist for Carbide Saw Blades

被切割材料The material to be cut			
直径(Diameter)		mm	 成型 MOLDING ☐ 切槽 FLUTING ☐ 切断 SEVER ☐
厚度(Thickness)		mm	
材质(Material)			
应用(Application model)		choose from right	
张力强度(Tension strength)		N/mm ²	
装夹后同时锯切数量(metal together cut)			

☐ 锯片铣刀Carbide Slitting Saw

☐ 整硬锯片/SC saw blade

外径(Diameter)		mm	外径(Diameter)		mm
厚度(Thickness)		mm	锯片外圈厚度(Thickness)		mm
内孔(Central hole)		mm	锯片凸盘法兰厚度(Hub Thickness)		mm
齿数(Teeth No.)		mm	内孔(Central hole)		mm
齿形(Shape)		Teeth	齿数/齿形(Teeth/Shape)		Teeth
锯片涂层(Coating of the sawblades)		mm	定位孔(Driving holes)		mm
锯片代码(Blades code):			锯片涂层(Coating of the saw blades)		
			锯片代码(Blades code):		Code

设备信息和使用参数 Machine information and parameters

项目(Item)		使用参数 parameters	单位unit
设备品牌型号(Machine brand model):			
设备数量(N.B.of machine):			台
设备状态Equipment status		设备进给方式Feed mode of equipment	设备传动方式Device feed mode
Manual 手动 ☐	Semi-automatic 半自动 ☐	Automatic 全自动 ☐	Pneumatic 气动进给 ☐
		hydraulic 液压进给 ☐	Servo feed 伺服进给 ☐
			Turbine reducer 涡轮蜗杆传动 ☐
			Gear drive 齿轮传动 ☐
			Servo driver 伺服传动 ☐
★设备转速(Machine R.P.M):			RPM/转速
★设备线速度(Machine cutting speed):			(V/m/min)
★锯片接触材料到切断材料所花费的时间(Cut one material cost time):			s/秒
★设备切割一段材料总共花费的时间(Cutting time):			s/秒
★进刀量Total feed(average):			mm/min
★每齿进刀量(初-1)Feed per tooth;			mm
★每齿进刀量(中-2)Feed per tooth;			mm
★每齿进刀量(末-3)Feed per tooth;			mm
如果您是在线锯切设备使用客户, 我们需要知道如下信息!If you are flycutting machine customer,our need know!			
1)生产线速度	line speed		m/min
2)设备导轨长度	length of the machine guide		m
3)材料长度	length of the material		m
★锯切寿命(切/次)(Cutting life)(cut/time):			(切/次)
客户使用其它品牌锯切平方数(Other brand blades can cut):			m ²
客户使用ToolingBox锯片锯切平方数(Use ToolingBox can cut):			m ²
客户对锯片情况的反应(Reaction of customer to saw blade):			
1)			
2)			

负责人(Person in charge):

★五角心处, 请务必准确填写(Five corner center, please be sure to fill in)

日期(Date)

Please send back to E-mail: sales@toolingbox.com

In order to ensure a stable using condition for carbide slitting saws, the milling machine should run in a stable situation: the machine should keep high precision, the shank of saws has good rigidity, and the transmission is steady. The feed amount of each tooth is constant and the cooling is sufficient.

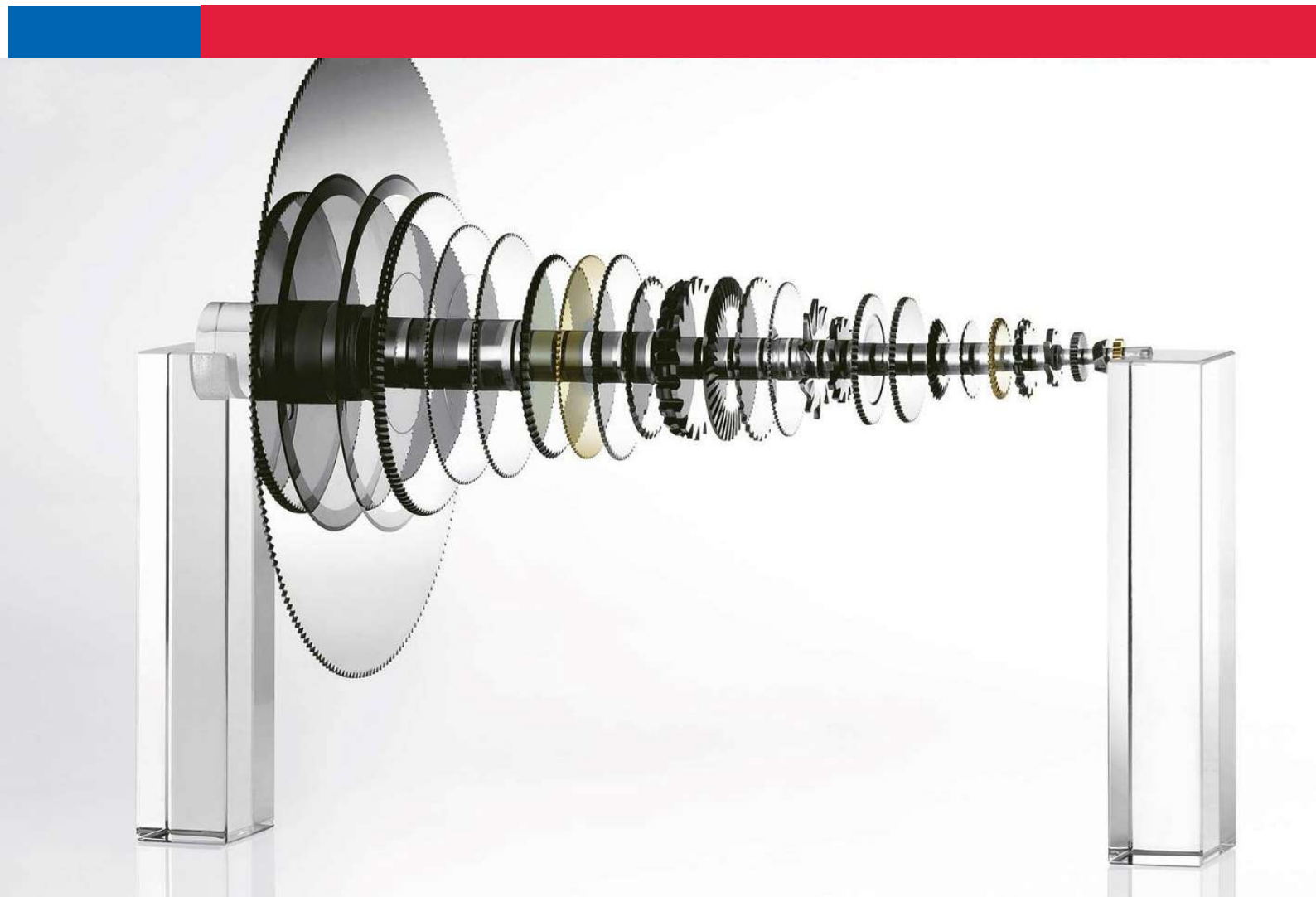
The specific requirements are:

- ◆ The accuracy of the slitting saws installing on the shank generally meets:
Radial runout $\leq 0.02\text{mm}$, Axial runout $\leq 0.01\text{mm}$
- ◆ As long as the depth of milling is not affected, use large flanges as much as possible to clamp both sides of the blade on the shank to eliminate vibration and lateral compression. Generally, the diameter of the flange is not less than $1/3$ of the diameter of the saw blade.
- ◆ Try to choose a reasonable milling speed(V_c) and feed(S_z) per tooth. Generally, under the same conditions, the solid carbide slitting saws can choose a faster V_c than that of high-speed steel saw blade, but the feed per tooth (S_z) should be lower than that of the high-speed steel slitting saws. S_z can generally be used between $0.005\text{--}0.025\text{mm/tooth}$, and the specific parameters should be determined according to the speed of the milling machine, the nature of the material to be cut, the outer diameter and thickness of the milling cutter, and the milling depth.

The below table is the V_c correspondence table of carbide slitting saws and cutting materials:

Recommended Saw Speeds

Materials	Recommended cutting speed (V_c , m/min)
structural steel	120-180
steel	80-120
steel with high tenacity	80-100
steel extra hard	30-50
hot working steel	20-30
mild steel	40-80
Aluminium unalloyed	1000-2000
Al-alloys with Cu-Mg-Zn	800-1500
AL with max. 5% Si-components	400-600
copper	200-400
phosphorus-bronze	200-400
bronze, hard	100-200
brass	400-600
brass alloyed	200-500
cast grey	40-80
titanium alloys	60-100
beams and pipes wall thickness=0.1D	30-50
beams and pipes wall thickness=0.025D	40-60



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