Saw blades and bevel cutters

The saw blades are specially designed for our pipe saws to withstand the highest demands and ensure maximum service life. Four different saw blade and bevel cutter designs are available for a wide range of applications.



- **Economy series** for low-alloy and unalloyed steels as well as cast materials
- **Performance series** for high-alloyed steels (stainless steel)
- **High-performance series** for high-performance materials and high-alloyed steels
- **Premium series** especially for stainless steel applications with extra-long service life

MACHINABLE MATERIALS	AL	UNALLOYED STEEL, CU, CUNI, CUZN, CUSN	INOX, V2A, V4A, 304, 316 (L)	TI, DUPLEX, INCONEL
Economy	✓	✓		
Performance		✓	✓	
High-Performance		✓	✓	✓
Premium			✓	

The technical specification is non-binding. It does not constitute a guarantee of properties. Subject to change without notice.

Saw blades

Some saw blades are available in a low-cost 10-pack (individually packaged), which means you save on the normal list price when you purchase these value packs.

► **When purchasing the pack of 10, please note the different code number.**



Economy saw blade



Performance saw blade



High-performance saw blade



Premium saw blade



Saw blade with additional hole

ARTICLE	DESIGN	TUBE WALL THICKNESS		SAW BLADE Ø		PACK OF 1 PIECE		PACK OF 10
		[mm]	[inch]	[mm]	[inch]	Code	kg	Code
Saw blade	Economy*	1.5 - 6.0	0.059 - 0.236	68	2,677	790042063	0.036	**792042063**
Saw blade	Economy	2.0 - 5.5	0.079 - 0.217	63	2,480	790041020	0.032	**792041020**
Saw blade	Economy*	5.0	0.197 - 0.472	80	2,953	790043030	0.075	**792043030**
Saw blade	Performance	0.6 - 1.2	0.024 - 0.047	63	2,480	790041036	0.027	**792041036**
Saw blade	Performance	1.0	0.039 - 0.063	68	2,677	790042049	0.050	**792042049**
Saw blade	Performance	1.0 - 3.0	0.039 - 0.118	63	2,480	790048072	0.035	**792048072**
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	63	2,480	790041035	0.040	**792041035**
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	68	2,677	790042064	0.045	**792042064**
Saw blade	Performance**	1.2 - 2.5	0.047 - 0.098	10	3,937	790043036	0.104	**792043036**
Saw blade	Performance	1.2 - 3.0	0.047 - 0.118	83	3,268	790043024	0.075	**792043024**
Saw blade	Performance	1.5 - 2.5	0.059 - 0.098	80	3,150	790046022	0.065	**792046022**
Saw blade	Performance	2.5 - 5.5	0.098 - 0.217	63	2,480	790041048	0.035	**792041048**
Saw blade	Performance**	2.5 - 5.5	0.098 - 0.217	10	3,937	790043038	0.120	**792043038**
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	68	2,677	790042048	0.045	**792042048**
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	80	3,150	790043018	0.080	**792043018**
Saw blade	Performance	6.0 - 10.0	0.236 - 0.394	80	2,953	790043022	0.075	**792043022**
Saw blade	Performance**	6.0	0.236 - 0.591	10	3,937	790047026	0.105	**792047026**

ARTICLE	DESIGN	TUBE WALL THICKNESS		SAW BLADE Ø		PACK OF 1 PIECE		PACK OF 10
Saw blade	High-performance	1.2 - 2.5	0.047 - 0.098	80	3,150	790046021	0.064	-
Saw blade	High-performance	1.2 - 2.5	0.047 - 0.098	63	2,480	790041034	0.040	-
Saw blade	High-performance	2.5 - 7.0	0.098 - 0.267	68	2,677	790042058	0.045	-
Saw blade	Premium	1.2 - 2.5	0.047 - 0.098	63	2,480	790041049	0.033	-
Saw blade with hole	Performance	1.0 - 3.0	0.039 - 0.118	63	2,480	790048472	0.035	**792048472**
Saw blade with hole	Performance	1.2 - 2.5	0.047 - 0.098	63	2,480	790041435	0.030	**792041435**
Saw blade with hole	Performance	1.2 - 2.5	0.047 - 0.098	68	2,677	790042464	0.047	**792042464**
Saw blade with hole	Performance	1.5 - 2.5	0.059 - 0.098	80	3,150	790046422	0.052	**792046422**
Saw blade with hole	Performance	2.5 - 7.0	0.098 - 0.276	68	2,677	790042448	0.036	**792042448**
Saw blade with hole	Performance	2.5 - 7.0	0.098 - 0.276	80	2,953	790043418	0.067	**792043418**

* Can only be used for aluminum frames
** Only for GF 6, RA 5, GF 8, GF 12, and 12 AVM

Saw blades for PS 4.5 Plus (battery)

Performance series for high-alloyed steels (stainless steel).

Recommended saw blades (only Ø 63 mm/2.480") for the PS 4.5 Plus portable pipe saws (battery).

ARTICLE	VERSION	PIPE WALL THICK-NESS		SAW BLADE Ø		CODE	KG
		[mm]	[inch]	[mm]	[inch]		
Saw blade	Performance	1,0 - 3,0	0.039 - 0.118	63	2.480	790048072	0,035
Saw blade	Performance	0,6 - 1,2	0.024 - 0.047	63	2.480	790041036	0,027



Illustration: Sägeblatt Performance

Saw blade/bevel cutter combination



Illustration: Simultaneous cutting and chamfering in seconds.

Weld seam saw blade/bevel cutter combination (V-seam)

Consisting of one saw blade and one bevel cutter each.

Individual parts can also be ordered separately.

VERSION	PIPE WALL THICKNESS		BEVELING ANGLE [°]	BEVELING HEIGHT MAX.		SAW BLADE Ø		CODE	KG
	[mm]	[inch]	[°]	[mm]	[inch]	[mm]	[inch]		
Performance	2,5 - 7,0	0.098 - .276	30	7,0	0.276	68	2.677	790042161	0,108
High-Performance	2,5 - 5,0	0.098 - .197	35	5,0	0.197	68	2.677	790042015	0,120

Individual parts for weld seam saw blade/bevel cutter combinations (V-seam)

ITEM	VERSION	CODE	KG
Saw blade for 790044050	Performance	790044040	0.027
Bevel cutter 30° for 790044050	Performance	790044049	0.065
Saw blade for 790042155, 790042157, and 790042161	Performance	790042153	0.040
Bevel cutter 30° for 790042161	Performance	790042160	0.060
Saw blade for 790042018, 790042015, 790042023, 790042013	High performance	790042016	0.040
Bevel cutter 30° for 790042013	High performance	790042021	0.077
Bevel cutter 35° to 790042015	High performance	790042014	0.060

Support disc for saw blade/bevel cutter combinations

We recommend using 1 washer for the saw blade/bevel cutter combination.

ITEM	CODE	KG
Support disc	790046188	0.068

Press fitting saw blade/bevel cutter combinations

Consisting of one saw blade and one bevel cutter each.

Particularly suitable for pipes in metal press fitting systems.

Individual parts can also be ordered separately.

VERSION	PIPE WALL THICKNESS		BEVELING ANGLE [°]	BEVELING HEIGHT		CODE	KG
	[mm]	[inch]	[°]	[mm]	[inch]		
Performance	1,0 - 2,0	.039 - .079	45 / 70	0,4/1,0	.016/.039	790044046	0,069



Illustration: Pressfitting-Sägeblatt-Fräser-Kombination

Individual parts for press-fit saw blade/bevel cutter combinations

ITEM	VERSION	CODE	KG
Saw blade D 63 Performance for 790044046	Performance	790044040	0,067
Additional bevel cutter 70° Performance	Performance	790044042	0,068

Chamfer milling cutter V-seam

For creating V-seam weld joints on pipe ends.

The chamfering cutter is mounted on the GF/GFX pipe saw instead of the saw blade.

Reproducible weld seam preparation in seconds.

SPECIFICATIONS	BEVEL CUTTER DIAMETER		CHAMFER ANGLE	MAX. CHAMFER HEIGHT		CODE	KG
	[mm]	[inch]	[°]	[mm]	[inch]		
Bevel cutter 30° Economy	72	2.835	30	9,5	0.374	790042045	0,165
Bevel cutter 35° Economy	70	2.756	35	8,9	0.350	790042037	0,170
Bevel cutter 37.5° Economy	70	2.756	37,5	8,4	0.331	790042036	0,162
Bevel cutter 30° Performance	72	2.835	30	9,5	0.374	790042071	0,153
Bevel cutter 30° Performance	76	2.992	30	13	0.512	790043023	0,061
Bevel cutter 37.5° Performance	70	2.756	37,5	8,4	0.331	790042070	0,163



Illustration: Anfasfräser (V-Naht)