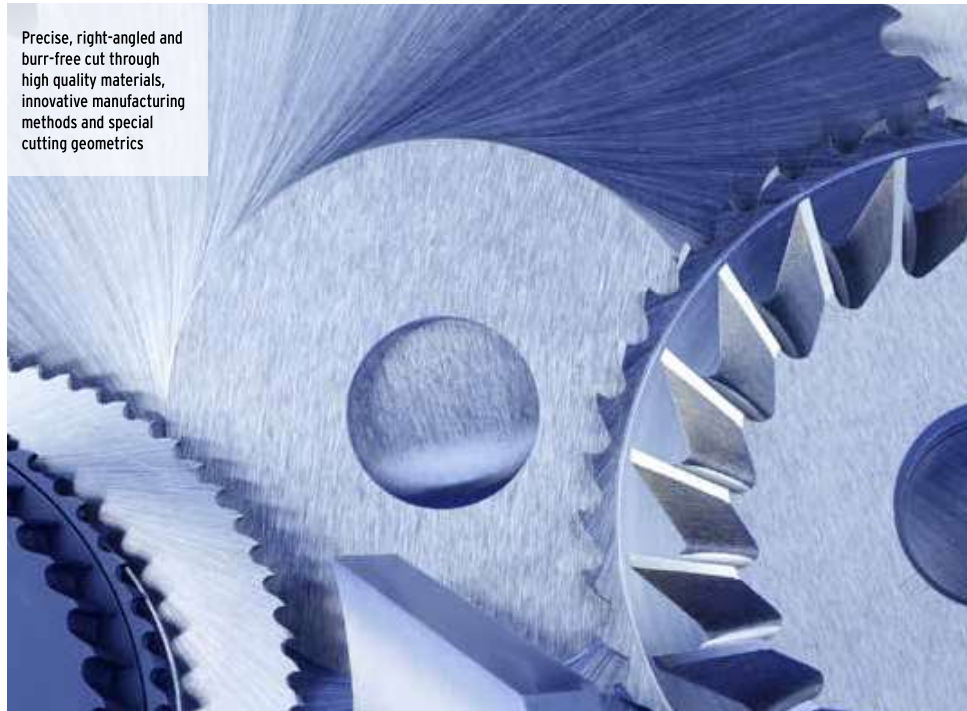


Saw blades and bevel cutters

for GF and GFX machines

The saw blades are developed specifically for our pipe saws for extreme demands and maximum service life. For the different applications 4 different saw blades and bevel cutter designs are available.



Precise, right-angled and burr-free cut through high quality materials, innovative manufacturing methods and special cutting geometrics



Burr- and deformation-free

Right-angled

Cutting and beveling

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

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

Technical specifications are non-binding. They do not constitute any assurance of properties. We reserve the right to make changes.

Saw blades and bevel cutters for GF and GFX machines



Saw blades

Properties and areas of application, see page 26.

Some saw blades are available in economical packs of 10 (with individual packaging) - meaning that you can save on the normal list price buying these value packs!

When ordering please note that the pack of 10 has a different code number.



Saw blade Economy



Saw blade Performance



Saw blade High-Performance



Saw blade Premium



Saw blade with additional hole

ITEM	VERSION	PIPE WALL THICKNESS		SAW BLADE Ø		PACK WITH 1 PC		PACK WITH 10 PCS
		[MM]	[INCH]	[MM]	[INCH]	CODE	KG	CODE
Saw blade	Economy*	1.5 - 6.0	0.059 - 0.236	68	2.677	790 042 063	0.036	792 042 063
Saw blade	Economy	2.0 - 5.5	0.079 - 0.217	63	2.480	790 041 020	0.032	792 041 020
Saw blade	Economy*	5.0 - 12.0	0.197 - 0.472	80	2.953	790 043 030	0.075	792 043 030
Saw blade	Performance	0.6 - 1.2	0.024 - 0.047	63	2.480	790 041 036	0.027	792 041 036
Saw blade	Performance	1.0 - 1.6	0.039 - 0.063	68	2.677	790 042 049	0.050	792 042 049
Saw blade	Performance	1.0 - 3.0	0.039 - 0.118	63	2.480	790 048 072	0.035	792 048 072
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	790 041 035	0.040	792 041 035
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	68	2.677	790 042 064	0.045	792 042 064
Saw blade	Performance**	1.2 - 2.5	0.047 - 0.098	100	3.937	790 043 036	0.104	792 043 036
Saw blade	Performance	1.2 - 3.0	0.047 - 0.118	83	3.268	790 043 024	0.075	792 043 024
Saw blade	Performance	1.5 - 2.5	0.059 - 0.098	80	3.150	790 046 022	0.065	792 046 022
Saw blade	Performance	2.5 - 5.5	0.098 - 0.217	63	2.480	790 041 048	0.035	792 041 048
Saw blade	Performance**	2.5 - 5.5	0.098 - 0.217	100	3.937	790 043 038	0.120	792 043 038
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	68	2.677	790 042 048	0.045	792 042 048
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	80	3.150	790 043 018	0.080	792 043 018
Saw blade	Performance	6.0 - 10.0	0.236 - 0.394	80	2.953	790 043 022	0.075	792 043 022
Saw blade	Performance**	6.0 - 15.0	0.236 - 0.591	100	3.937	790 047 026	0.105	792 047 026
Saw blade	High-Performance	1.2 - 2.5	0.047 - 0.098	80	3.150	790 046 021	0.064	
Saw blade	High-Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	790 041 034	0.040	
Saw blade	High-Performance	2.5 - 7.0	0.098 - 0.267	68	2.677	790 042 058	0.045	
Saw blade with hole	Performance	1.0 - 3.0	0.039 - 0.118	63	2.480	790 048 472	0.035	792 048 472
Saw blade with hole	Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	790 041 435	0.030	792 041 435
Saw blade with hole	Performance	1.2 - 2.5	0.047 - 0.098	68	2.677	790 042 464	0.047	792 042 464
Saw blade with hole	Performance	1.5 - 2.5	0.059 - 0.098	80	3.150	790 046 422	0.052	792 046 422
Saw blade with hole	Performance	2.5 - 7.0	0.098 - 0.276	68	2.677	790 042 448	0.036	792 042 448
Saw blade with hole	Performance	2.5 - 7.0	0.098 - 0.276	80	2.953	790 043 418	0.067	792 043 418

* Can only be used for aluminum pipes

** Only for GF 6, RA 6, GF 8, GF 12 and GF 20 AVM

Saw blade bevel cutter combinations

Properties and areas of application, see page 26.
Simultaneous cutting and beveling in just seconds.

Weld seam saw blade bevel cutter combinations (V-seam)

Consisting of one saw blade and one bevel cutter each.
Individual parts can also be ordered separately.



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

VERSION	PIPE WALL THICKNESS		BEV-ELING ANGLE [°]	BEVELING HEIGHT MAX.		SAW BLADE Ø		CODE	KG
	[MM]	[INCH]		[MM]	[INCH]	[MM]	[INCH]		
Performance	2.5 - 7.0	.098 - .276	30	7	.276	68	2.677	790 042 161	0.108
High-Performance	2.5 - 5.0	.098 - .197	35	5	.197	68	2.677	790 042 015	0.120
High-Performance	2.5 - 6.0	.098 - .236	45	4	.157	68	2.677	790 042 023	0.135

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

ITEM	VERSION	CODE	KG
Saw blade for 790 044 050	Performance	790 044 040	0.027
Bevel cutter 30° for 790 044 050	Performance	790 044 049	0.065
Saw blade for 790 042 155, 790 042 157 and 790 042 161	Performance	790 042 153	0.040
Bevel cutter 30° for 790 042 161	Performance	790 042 160	0.060
Saw blade for 790 042 018, 790 042 015, 790 042 023, 790 042 013	High-Performance	790 042 016	0.040
Bevel cutter 30° for 790 042 013	High-Performance	790 042 021	0.077
Bevel cutter 35° for 790 042 015	High-Performance	790 042 014	0.060

Supporting ring for saw blade bevel cutter combinations

We recommend using 1 ring for the saw blade bevel cutter combinations.

ITEM	CODE	KG
Supporting ring	790 046 188	0.068

Press fitting saw blade bevel cutter combinations

Consisting of one saw blade and one bevel cutter each.
Especially suitable for pipes of metal press fitting systems.
Individual parts can also be ordered separately.



Press fitting saw blade bevel cutter combination

VERSION	PIPE WALL THICKNESS		BEV-ELING ANGLE [°]	BEVELING HEIGHT MAX.		SAW BLADE Ø		CODE	KG
	[MM]	[INCH]		[MM]	[INCH]	[MM]	[INCH]		
Performance	1.0 - 2.0	.039 - .079	45 / 70	0.4/1.0	.016/.039	63	2.480	790 044 046	0.090

Individual parts for press fitting saw blade bevel cutter combinations

ITEM	VERSION	CODE	KG
Saw blade for 790 044 046	Performance	790 044 040	0.027
Bevel cutter for 790 044 046	Performance	790 044 042	0.064

Chamfer cutter

Properties and areas of application, see page 26.

For realizing V-seam welding joints at pipe ends.

Instead of the saw blade the chamfer cutter is mounted on the GF/GFX pipe saw.
 Reproducible weld seam preparation in just seconds.

Chamfer cutter V-seam

ITEM	BEVELING ANGLE [°]	BEVELING HEIGHT MAX.		BEVEL CUTTER Ø		CODE	KG
		[MM]	[INCH]	[MM]	[INCH]		
Economy	30.0	9.5	.374	72	2.835	790 042 045	0.165
Economy	35.0	8.9	.350	70	2.756	790 042 037	0.170
Economy	37.5	8.4	.331	70	2.756	790 042 036	0.162
Economy	45.0	7.5	.295	70	2.756	790 042 038	0.162
Performance	30.0	9.5	.374	72	2.835	790 042 071	0.153
Performance	30.0	13.0	.512	76	2.992	790 043 023	0.187
Performance	37.5	8.4	.331	70	2.756	790 042 070	0.163
High-Performance	30.0	9.5	.374	72	2.835	790 042 073	0.157



Chamfer cutter V-seam

Saw blade lubricant GF TOP

Synthetic high quality lubricant for sawing and milling.

Increases the service life of the saw blade.
 Fulfills the requirements for H2 lubricants.
 Thanks to the screw-on brush, simple and even lubrication of the saw blade is ensured.

ITEM	VERSION	CODE	KG
Saw blade lubricant GF TOP	Tube, 180 g	790 060 228	0.205



GF TOP

Saw blade lubricating paste GF LUB

Chlorine-free high quality lubricant for sawing and milling.

Increases the service life of the saw blade.
 The ecological lubricating paste is the environment-friendly successor of ROCOL; with new name and improved quality.
 GF LUB complies with latest environmental guidelines and ecological standards.

ITEM	VERSION	CODE	KG
Saw blade lubricating paste GF LUB	Tube, 160 ml	790 041 016	0.160



GF LUB



TCT Saw Blade

Saw blades for SCORP machines

TCT saw blade

AREA OF APPLICATION SCORP 360 WITH TCT SAW BLADES

Plastic pipe OD		Saw blade Ø 140 mm/5.512" max. wall-thickness	
[mm]	[inch]	[mm]	[inch]
75	2.953	15.1	0.594
90	3.543	11.4	0.449
100	3.937	10.1	0.398
110	4.331	9.3	0.366
115	4.528	9.1	0.358
125	4.921	8.8	0.346
140	5.512	8.7	0.343
160	6.299	9.1	0.358
165	6.496	9.3	0.366
180	7.087	9.9	0.390
190	7.480	10.4	0.409
200	7.874	10.9	0.429
215	8.465	11.8	0.465
225	8.858	12.4	0.488
240	9.449	13.4	0.528
250	9.843	14.0	0.551
270	10.630	15.4	0.606
280	11.024	16.0	0.630
315	12.402	18.3	0.720
320	12.598	18.6	0.732
355	13.976	20.4	0.803

ITEM	CUTTABLE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
TCT Saw Blade	Steel, copper, aluminum, plastic	140	5.512	4.200	790 014 055	0.154



Diamond Cutting Blade

Diamond cutting blade

ITEM	CUTTABLE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
Diamond Cutting Blade*	Cast pipe	155	6.102	4.200	790 014 059	0.215

* Only for SCORP 360. Only while supplies last.



Cermet Saw Blade

Cermet saw blade

ITEM	CUTTABLE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
Cermet Saw Blade	Stainless steel	140	5.512	4.200	790 014 056	0.153