

Saw blades and bevel cutters for GF and RA machines



Saw blades

Features and application ranges, see page 27.

Most saw blades are available in favorable packs of 10 (individually packed) - meaning that you save 30% on the normal list price when you buy these value packs.

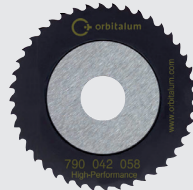
Please note the differing code number when ordering the 10-pack.



Saw blade Economy



Saw blade Performance



Saw blade High-Performance



Saw blade Premium



Saw blades with additional borehole

ARTICLE	VERSION	WALL THICKNESS		SAW BLADE Ø		PACKAGE OF 1 PC			PACKAGE OF 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	Premium	1.2 - 2.5	0.047 - 0.098	63	2.480	790 041 049		0.033		
Saw blade with borehole	Performance	1.0 - 2.0	0.039 - 0.079	63	2.480	790 048 472		0.035	792 048 472	
Saw blade with borehole	Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	790 041 435		0.030	792 041 435	
Saw blade with borehole	Performance	1.2 - 2.5	0.047 - 0.098	68	2.677	790 042 464		0.047	792 042 464	
Saw blade with borehole	Performance	1.5 - 2.5	0.059 - 0.098	80	3.150	790 046 422		0.052	792 046 422	
Saw blade with borehole	Performance	2.5 - 7.0	0.098 - 0.276	68	2.677	790 042 448		0.036	792 042 448	

* applicable only for aluminum tubes

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

Saw blades and bevel cutters

For GF and RA machines

These saw blades and bevel cutters are especially designed for our pipe cutters for highest requirements and longest service life. 4 different ranges of saw blades are available.



Burr-free and deformation-free



Square



Cutting and beveling



- **Economy** range for low and non-alloy steels and cast iron pipes
- **Performance** range for high-alloy steels (stainless steel)
- **High-Performance** range for high-performance materials and high-alloy steels
- **Premium** range especially made for stainless steel applications with extra long durability

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

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult our general conditions of supply.

Saw blade/bevel cutter combinations

Features and application ranges, see page 27.
Simultaneous cutting and beveling of pipes in just seconds.

Weld-prep saw blade/bevel cutter combinations (V-prep)

Consisting of one saw blade and one bevel cutter.
It is possible to order the individual parts separately.



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

VERSION	WALL THICKNESS		BEVELING ANGLE [°]	HEIGHT OF BEVEL MAX.		SAW BLADE Ø		CODE	KG
	[MM]	[INCH]		[MM]	[INCH]	[MM]	[INCH]		
Performance	1.2 - 3.0	.047 - .118	30	3	.118	63	2.480	790 044 050	0.100
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
High-Performance	2.5 - 7.0	.098 - .276	30	7	.276	68	2.677	790 042 013	0.108

Replacement parts for weld-prep saw blade/bevel cutter combinations (V-prep)

ARTICLE	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

Support disc for saw blade/bevel cutter combinations

We recommend the use of 1 support disc for the saw blade/bevel cutter combination.

ARTICLE	CODE	KG
Support disc	790 046 188	0.068

Press fitting saw blade/bevel cutter combinations

Consisting of one saw blade and one bevel cutter. Especially for stainless steel press fitting systems. It is possible to order the individual parts separately.



Press fitting saw blade/bevel cutter combination

VERSION	WALL THICKNESS		BEVELING ANGLE [°]	HEIGHT OF BEVEL 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

Replacement parts for press fitting saw blade/bevel cutter combinations

ARTICLE	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

PIPE CUTTING AND BEVELING TECHNOLOGY

Bevel cutters

Features and application ranges, see page 27.

For V-prep profiles on pipe ends.

The bevel cutter is mounted on the GF/RA pipe cutter instead of a saw blade. Reproducible weld seam preparation in just seconds.

Bevel cutters V-prep

ARTICLE	BEVELING ANGLE [°]	HEIGHT OF BEVEL 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



Bevel cutter V-prep

Saw blade lubricant GF TOP

Synthetic high-performance lubricant for cutting and beveling machines.

Increases the tool life of the saw blade. Meets the requirements for H2 lubricants. The screwable brush guarantees an easy and uniform application of lubricant on the saw blade.

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



GF TOP

Saw blade lubricant GF LUB

Chlorine-free high-performance lubricant for cutting and beveling.

Increases the tool life of the saw blade. This ecologically cutting compound is the environmentally friendly replacement for ROCOL: just with a new name and improved quality. GF LUB meets the latest environmental directives and ecological standards.

ARTICLE	VERSION	CODE	KG
Saw blade lubricant GF LUB	Tube, 160 ml	790 041 016	0.160



GF LUB



Saw blade TCT



Cutting blade Diamond



Saw blade Cermet

Saw blades for SCORP machines

Saw blade TCT

APPLICATION RANGE SCORP 360 WITH TCT SAW BLADE

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

ARTICLE	FOR PIPE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
Saw blade TCT	Steel, copper, aluminum, all kinds of plastic	140	5.512	4.200	790 014 055	0.154

Cutting blade Diamond

ARTICLE	FOR PIPE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
Cutting blade Diamond	Cast iron	140	5.512	4.200	790 014 057	0.173
Cutting blade Diamond*	Cast iron	155	6.102	4.200	790 014 059	0.215

* only for SCORP 360. While stock last.

Saw blade Cermet

ARTICLE	FOR PIPE MATERIALS	SAW BLADE Ø		RPM MAX.	CODE	KG
		[MM]	[INCH]			
Saw blade Cermet	Stainless steel	140	5.512	4.200	790 014 056	0.153