

# 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.**

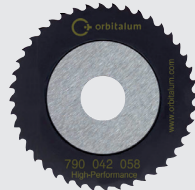
Please note the differing code number when ordering the 10-pack.



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	<b>790 042 063</b>		0.036	<b>792 042 063</b>	
Saw blade	Economy	2.0 - 5.5	0.079 - 0.217	63	2.480	<b>790 041 020</b>		0.032	<b>792 041 020</b>	
Saw blade	Economy*	5.0 - 12.0	0.197 - 0.472	80	2.953	<b>790 043 030</b>		0.075	<b>792 043 030</b>	
Saw blade	Performance	0.6 - 1.2	0.024 - 0.047	63	2.480	<b>790 041 036</b>		0.027	<b>792 041 036</b>	
Saw blade	Performance	1.0 - 1.6	0.039 - 0.063	68	2.677	<b>790 042 049</b>		0.050	<b>792 042 049</b>	
Saw blade	Performance	1.0 - 3.0	0.039 - 0.118	63	2.480	<b>790 048 072</b>		0.035	<b>792 048 072</b>	
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	<b>790 041 035</b>		0.040	<b>792 041 035</b>	
Saw blade	Performance	1.2 - 2.5	0.047 - 0.098	68	2.677	<b>790 042 064</b>		0.045	<b>792 042 064</b>	
Saw blade	Performance**	1.2 - 2.5	0.047 - 0.098	100	3.937	<b>790 043 036</b>		0.104	<b>792 043 036</b>	
Saw blade	Performance	1.2 - 3.0	0.047 - 0.118	83	3.268	<b>790 043 024</b>		0.075	<b>792 043 024</b>	
Saw blade	Performance	1.5 - 2.5	0.059 - 0.098	80	3.150	<b>790 046 022</b>		0.065	<b>792 046 022</b>	
Saw blade	Performance	2.5 - 5.5	0.098 - 0.217	63	2.480	<b>790 041 048</b>		0.035	<b>792 041 048</b>	
Saw blade	Performance**	2.5 - 5.5	0.098 - 0.217	100	3.937	<b>790 043 038</b>		0.120	<b>792 043 038</b>	
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	68	2.677	<b>790 042 048</b>		0.045	<b>792 042 048</b>	
Saw blade	Performance	2.5 - 7.0	0.098 - 0.276	80	3.150	<b>790 043 018</b>		0.080	<b>792 043 018</b>	
Saw blade	Performance	6.0 - 10.0	0.236 - 0.394	80	2.953	<b>790 043 022</b>		0.075	<b>792 043 022</b>	
Saw blade	Performance**	6.0 - 15.0	0.236 - 0.591	100	3.937	<b>790 047 026</b>		0.105	<b>792 047 026</b>	
Saw blade	High-Performance	1.2 - 2.5	0.047 - 0.098	80	3.150	<b>790 046 021</b>		0.064		
Saw blade	High-Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	<b>790 041 034</b>		0.040		
Saw blade	High-Performance	2.5 - 7.0	0.098 - 0.267	68	2.677	<b>790 042 058</b>		0.045		
Saw blade	Premium	1.2 - 2.5	0.047 - 0.098	63	2.480	<b>790 041 049</b>		0.033		
Saw blade with borehole	Performance	1.0 - 3.0	0.039 - 0.118	63	2.480	<b>790 048 472</b>		0.035	<b>792 048 472</b>	
Saw blade with borehole	Performance	1.2 - 2.5	0.047 - 0.098	63	2.480	<b>790 041 435</b>		0.030	<b>792 041 435</b>	
Saw blade with borehole	Performance	1.2 - 2.5	0.047 - 0.098	68	2.677	<b>790 042 464</b>		0.047	<b>792 042 464</b>	
Saw blade with borehole	Performance	1.5 - 2.5	0.059 - 0.098	80	3.150	<b>790 046 422</b>		0.052	<b>792 046 422</b>	
Saw blade with borehole	Performance	2.5 - 7.0	0.098 - 0.276	68	2.677	<b>790 042 448</b>		0.036	<b>792 042 448</b>	

\* 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	<b>790 044 050</b>	0.100
Performance	2.5 - 7.0	.098 - .276	30	7	.276	68	2.677	<b>790 042 161</b>	0.108
High-Performance	2.5 - 5.0	.098 - .197	35	5	.197	68	2.677	<b>790 042 015</b>	0.120
High-Performance	2.5 - 6.0	.098 - .236	45	4	.157	68	2.677	<b>790 042 023</b>	0.135
High-Performance	2.5 - 7.0	.098 - .276	30	7	.276	68	2.677	<b>790 042 013</b>	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	<b>790 044 040</b>	0.027
Bevel cutter 30° for 790 044 050	Performance	<b>790 044 049</b>	0.065
Saw blade for 790 042 155, 790 042 157 and 790 042 161	Performance	<b>790 042 153</b>	0.040
Bevel cutter 30° for 790 042 161	Performance	<b>790 042 160</b>	0.060
Saw blade for 790 042 018, 790 042 015, 790 042 023, 790 042 013	High-Performance	<b>790 042 016</b>	0.040
Bevel cutter 30° for 790 042 013	High-Performance	<b>790 042 021</b>	0.077
Bevel cutter 35° for 790 042 015	High-Performance	<b>790 042 014</b>	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	<b>790 046 188</b>	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	<b>790 044 046</b>	0.090

### Replacement parts for press fitting saw blade/bevel cutter combinations

ARTICLE	VERSION	CODE	KG
Saw blade for 790 044 046	Performance	<b>790 044 040</b>	0.027
Bevel cutter for 790 044 046	Performance	<b>790 044 042</b>	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	<b>790 042 045</b>	0.165
Economy	35.0	8.9	.350	70	2.756	<b>790 042 037</b>	0.170
Economy	37.5	8.4	.331	70	2.756	<b>790 042 036</b>	0.162
Economy	45.0	7.5	.295	70	2.756	<b>790 042 038</b>	0.162
Performance	30.0	9.5	.374	72	2.835	<b>790 042 071</b>	0.153
Performance	30.0	13.0	.512	76	2.992	<b>790 043 023</b>	0.187
Performance	37.5	8.4	.331	70	2.756	<b>790 042 070</b>	0.163
High-Performance	30.0	9.5	.374	72	2.835	<b>790 042 073</b>	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	<b>790 060 228</b>	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	<b>790 041 016</b>	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	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