

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.



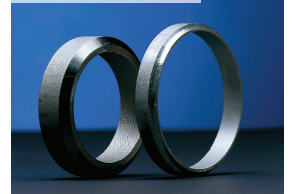
Burr-free and deformation-free



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 Economy



Saw blade Performance



Saw blade High-Performance



Saw blade Premium



Saw blades with additional borehole

Saw blades and bevel cutters for GF and RA machines

Saw blades

Features and application ranges, see page 29.
Minimum purchase: 5 blades.

ARTICLE	VERSION	WALL THICKNESS		SAW BLADE Ø		CODE	KG
		[MM]	[INCH]	[MM]	[INCH]		
Saw blade	Economy	1.2 - 2.5	.047 - .098	63	2.480	790 041 135	0.035
Saw blade	Economy*	1.5 - 6.0	.059 - .236	68	2.677	790 042 063	0.036
Saw blade	Economy	2.0 - 5.5	.079 - .217	63	2.480	790 041 020	0.032
Saw blade	Economy	2.5 - 7.0	.098 - .276	68	2.677	790 042 148	0.040
Saw blade	Economy*	5.0 - 12.0	.197 - .472	80	2.953	790 043 030	0.075
Saw blade	Economy*	6.0 - 15.0	.236 - .591	100	3.937	790 047 030	0.117
Saw blade	Performance	0.6 - 1.2	.024 - .047	63	2.480	790 041 036	0.027
Saw blade	Performance	1.0 - 1.6	.039 - .063	68	2.677	790 042 049	0.050
Saw blade	Performance	1.0 - 3.0	.039 - .118	63	2.480	790 048 072	0.035
Saw blade	Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 035	0.040
Saw blade	Performance	1.2 - 2.5	.047 - .098	68	2.677	790 042 064	0.045
Saw blade	Performance**	1.2 - 2.5	.047 - .098	100	3.937	790 043 036	0.104
Saw blade	Performance	1.2 - 3.0	.047 - .118	83	3.268	790 043 024	0.075
Saw blade	Performance	1.5 - 2.5	.059 - .098	80	3.150	790 046 022	0.065
Saw blade	Performance	2.5 - 5.5	.098 - .217	63	2.480	790 041 048	0.035
Saw blade	Performance**	2.5 - 5.5	.098 - .217	100	3.937	790 043 038	0.120
Saw blade	Performance	2.5 - 7.0	.098 - .276	68	2.677	790 042 048	0.045
Saw blade	Performance	2.5 - 7.0	.098 - .276	80	3.150	790 043 018	0.080
Saw blade	Performance	6.0 - 10.0	.236 - .394	80	2.953	790 043 022	0.075
Saw blade	Performance**	6.0 - 15.0	.236 - .591	100	3.937	790 047 026	0.105
Saw blade	High-Performance	1.2 - 2.5	.047 - .098	80	3.150	790 046 021	0.064
Saw blade	High-Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 034	0.040
Saw blade	High-Performance	2.5 - 7.0	.098 - .267	68	2.677	790 042 058	0.045
Saw blade	Premium	1.2 - 2.5	.047 - .098	63	2.480	790 041 049	0.033

* applicable only for aluminum tubes

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

Saw blades with additional borehole

Features and application ranges, see page 29.
Minimum purchase: 5 blades.

ARTICLE	VERSION	WALL THICKNESS		SAW BLADE Ø		CODE	KG
		[MM]	[INCH]	[MM]	[INCH]		
Saw blade with borehole	Performance	1.0 - 2.0	.039 - .079	63	2.480	790 048 472	0.035
Saw blade with borehole	Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 435	0.030
Saw blade with borehole	Performance	1.2 - 2.5	.047 - .098	68	2.677	790 042 464	0.047
Saw blade with borehole	Performance	1.5 - 2.5	.059 - .098	80	3.150	790 046 422	0.052
Saw blade with borehole	Performance	2.5 - 7.0	.098 - .276	68	2.677	790 042 448	0.036

Saw blade/bevel cutter combinations

Features and application ranges, see page 29.
 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.

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



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

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

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.

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	.016/0.039	63	2.480	790 044 046	0.090



Press fitting saw blade/bevel cutter combination

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
Saw blade for 790 044 047	High-Performance	790 044 041	0.030

PIPE CUTTING AND BEVELING TECHNOLOGY



Bevel cutter V-prep

Bevel cutters

Features and application ranges, see page 29.

For V-prep profiles on pipe ends.

The bevel cutter is mounted on the 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



GF TOP

Saw blade lubricant GF TOP

Synthetic high-performance lubricant for cutting and beveling machines.

Increases the tool life of the saw blade. Compliant with the food approval NSF H2. 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 LUB

Saw blade lubricant GF LUB

The NEW 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

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

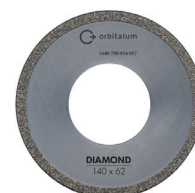
* only for SCORP 360. While stock last.

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



Saw blade TCT



Cutting blade Diamond



Saw blade Cermet