



For highest requirements and longest service life!



Burr-free and deformation-free



Square



Cutting and beveling

» Innovative manufacturing methods and special cutting geometry ensure a precise, square and burr-free cut «

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:

- **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			*	

Saw blades

Minimum purchase: 5 blades

Version	Pipe wall thickness		Saw blade Ø		Code	kg
	[mm]	[inch]	[mm]	[inch]		
Economy	1.2 - 2.5	.047 - .098	63	2.480	790 041 135	0.035
Economy*	1.5 - 6.0	.059 - .236	68	2.677	790 042 063	0.036
Economy	2.0 - 5.5	.079 - .217	63	2.480	790 041 020	0.032
Economy	2.5 - 7.0	.098 - .276	68	2.677	790 042 020	0.045
Economy*	5.0 - 12.0	.197 - .472	80	2.953	790 043 030	0.053
Economy*	6.0 - 15.0	.236 - .591	100	3.937	790 047 030	0.117
Performance	0.6 - 1.2	.024 - .047	63	2.480	790 041 036	0.027
Performance	1.0 - 1.6	.039 - .063	68	2.677	790 042 049	0.040
Performance	1.0 - 3.0	.039 - .118	63	2.480	790 048 072	0.025
Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 035	0.045
Performance	1.2 - 2.5	.047 - .098	68	2.677	790 042 064	0.050
Performance**	1.2 - 2.5	.047 - .098	100	3.937	790 043 036	0.104
Performance	1.2 - 3.0	.047 - .118	83	3.268	790 043 024	0.060
Performance	1.5 - 2.5	.059 - .098	80	3.150	790 046 022	0.085
Performance	2.5 - 5.5	.098 - .217	63	2.480	790 041 048	0.035
Performance**	2.5 - 5.5	.098 - .217	100	3.937	790 043 038	0.104
Performance	2.5 - 7.0	.098 - .276	68	2.677	790 042 048	0.045
Performance	2.5 - 7.0	.098 - .276	80	3.150	790 043 018	0.060
Performance	6.0 - 10.0	.236 - .394	80	2.953	790 043 022	0.055
Performance**	6.0 - 15.0	.236 - .591	100	3.937	790 047 026	0.105
High-Performance	1.2 - 2.5	.047 - .098	80	3.150	790 046 021	0.064
High-Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 034	0.031
High-Performance	2.5 - 7.0	.098 - .267	68	2.677	790 042 058	0.045
Premium	1.2 - 2.5	.047 - .098	63	2.480	790 041 049	0.033

* applicable only for aluminum pipes

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



Saw blade Economy



Saw blade Performance



Saw blade High-Performance



Saw blade Premium



Saw blade with additional borehole

Saw blades

Saw blades with additional borehole. Minimum purchase: 5 blades

Version	Pipe wall thickness		Saw blade Ø		Code		kg
	[mm]	[inch]	[mm]	[inch]			
Performance	1.2 - 2.5	.047 - .098	63	2.480	790 041 435		0.030
Performance	1.2 - 2.5	.047 - .098	68	2.677	790 042 464		0.037
Performance	1.5 - 2.5	.059 - .098	80	3.150	790 046 422		0.080
Performance	2.5 - 7.0	.098 - .276	68	2.677	790 042 448		0.036



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

Saw blade/bevel cutter combinations

Simultaneous cutting and beveling of pipes in just seconds.

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

Version	Pipe 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		0.090
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

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 combination

Press fitting saw blade/bevel cutter combinations**

Version	Pipe 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
High-Performance	1.0 - 2.0	.039 - .079	45 / 70	0.4/1.0	.016/.039	63	2.480	790 044 047		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
Saw blade for 790 044 047	High-Performance	790 044 041	0.030

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

** 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.

Bevel cutters

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

Version	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	0.135
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	30.0	20.0*	.787*	100	3.937	790 043 027	0.250
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
High-Performance	37.5	8.4	.331	70	2.756	790 042 072	0.163

* Height of bevel max. 20 mm (0.787 inch) only with aluminum pipes. Other pipe materials: max. 13 mm (0.512 inch).



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. 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 TOP

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	0.144



GF LUB

Saw blades for SCORP machines



Saw blade TCT

Saw blade TCT

Article	For pipe materials	Saw blade Ø [mm/inch]	rpm max.	Code	kg
Saw blade TCT	Steel, copper, aluminum, all kinds of plastic	140/5.512	4,200	790 014 055	0.154

Application range SCORP 360 with TCT saw blade

Plastic pipe OD		Saw blade Ø 140 mm/5.512 inch 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



Cutting blade Diamond

Cutting blade Diamond

Article	For pipe materials	Cutting blade Ø [mm/inch]	rpm max.	Code	kg
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	0.200

* only for SCORP 360



Saw blade Cermet

Saw blade Cermet

Article	For pipe materials	Saw blade Ø [mm/inch]	rpm max.	Code	kg
Saw blade Cermet	Stainless steel	140/5.512	4,200	790 014 056	0.153