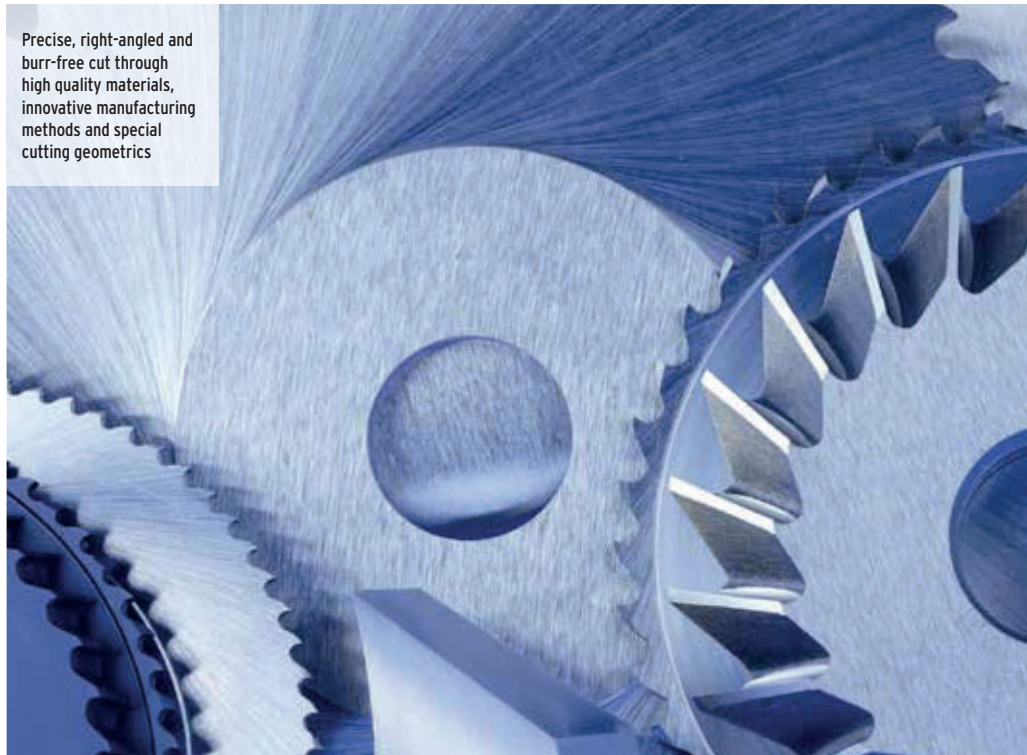


Saw blades and bevel cutters

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.



- **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

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 | Premium | 1.2 - 2.5 | 0.047 - 0.098 | 63 | 2.480 | 790 041 049 | 0.033 | |
| 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 |

* Can only be used for aluminum pipes

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

PIPE CUTTING AND BEVELING TECHNOLOGY

Saw blade bevel cutter combinations

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 | 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 |

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 |

PIPE CUTTING AND BEVELING TECHNOLOGY

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

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



Diamond Cutting Blade



Cermet 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

| 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

| 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 |