

**SAFETY TOOLS**  
allmet



Cut the heat – cut the risk

## ► 2026 Product catalogue

The “coolest” EX-certified  
Grinding and Cutting  
tools in the world



# ► Safety Tools Allmet

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## ATEX Certified solutions

Our ATEX-certified grinding solutions are designed for surface preparation and maintenance tasks, including spot repair, as well as general steel removal work.

Our ATEX-certified cutting solutions are developed for general cutting applications as well as weld removal.

## Top Quality Air Tools

Our Ex-certified air tools are pneumatic and developed in partnership with Fuji tools. All air tools are made exclusively for Safety Tools Allmet ATEX burrs and cutting discs.

## Files & Discs

Composed primarily of a special tungsten carbide blend with hardness between industrial and natural diamond. The tooth design enhances durability and enables efficient steel grinding at low speeds. The fragments produced during grinding are large, blunt, and easy to clean up, providing significant safety and operational advantages compared to conventional tools.

ALL WITHOUT HOT SPARKS!

## Company History

Established in 1998, Safety Tools pioneered the original ATEX-certified grinding and cutting tools for demanding industrial environments. Built on practical field experience and precision engineering, the company develops solutions that enhance safety, durability, and operational efficiency.

Founded by Reidar Olsen, Safety Tools Allmet remains a family-owned company now carried forward through three generations, maintaining a strong commitment to quality, reliability, and long-term customer relationships.



Reidar Olsen

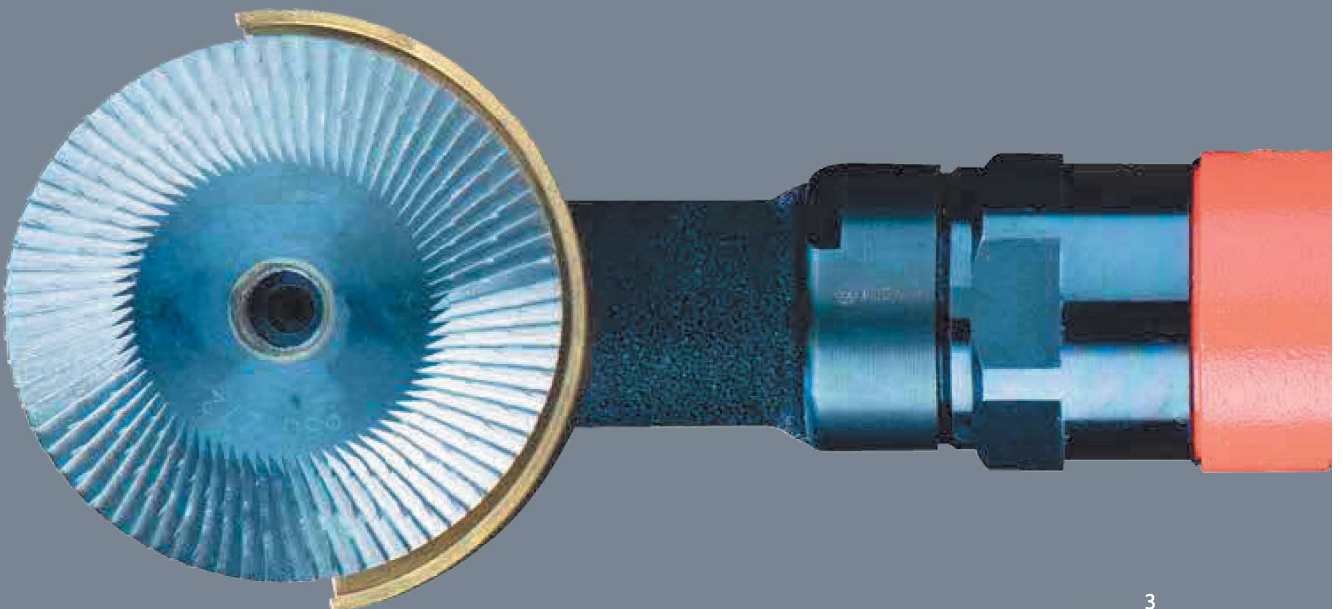
Norwegian company with registration  
ID: Org nr 992 842 679 MVA



# Why choose Safety Tools?

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- *EX-Certified by DNV*
- *No requirement for Hot Work Permits*
- *Simplified Risk Evaluations*
- *No job postponements due to hot work restrictions*
- *No need for habitats*
- *No need for fireguards*
- *No Hot Sparks*
- *No dangerous sharp splinters*
- *Low heat generation (typically 30–60°C)*
- *Low vibration levels (~2.5 m/s<sup>2</sup>)*
- *Low noise levels (80–85 dB typical)*
- *Surface roughness profile: 40–75 µm depending on tool*
- *No release of isocyanates when grinding or cutting polyurethane*
- *All disks and files are harder than industrial diamond*





## Ex Zones - Directive 2014/34/EU

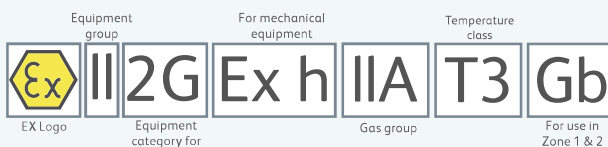
**ZONE 0:** Very high level of danger where explosive atmospheres exist continuously, or for long periods or frequently.

**ZONE 1:** High level of danger where explosive atmospheres can exist occasionally during normal operations.

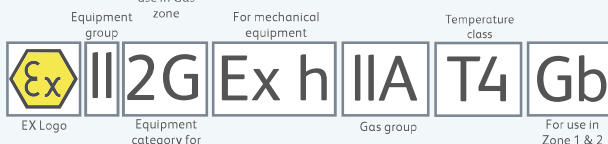
**ZONE 2:** Normal level of danger where explosive atmospheres are not likely to be present during normal operations but, if they do occur, they will persist for a short period only.

### SAFETY TOOLS ALLMET MARKINGS - DIRECTIVE 2014/34/EU

**Grinding tools**



**Cutting tools**



**Cutting tools**





## EX-Certified Grinding Solutions

### Surface profile

The solid tungsten head for Safety Tools' cold rotating grinding files has different designs on its teeth so that they can produce various surface profiles for different situations. Our burrs create a roughness profile ranging between 40 and 75 microns.

### Spot Repair

Ex-certified cold work tools from Safety Tools Allmet provide a clean surface with a profile meeting the requirements of the SSPC-SP11 Surface Preparation Standard.



### Tungsten Carbide

Our rotating files and discs are made of solid tungsten carbide. The hardness and design of the teeth significantly increase the lifetime of the grinding files and discs.

### Adhesion and Cleanliness

The correct surface profile creates a suitable anchor for paint and coatings. ATEX grinding tools from Safety Tools Allmet ensure good adhesion and a clean surface. They have been extensively independently tested for surface adhesion by International Paint, Jotun, Chevron, and Weatherford.

### Since 1998

Safety Tools Allmet was established in 1998. We made the original and world-first Ex certified grinding and cutting tools approved as cold work by DNV.

# Product Range Grinding Tools



## A-0107 FUJI STRAIGHT GRINDER (FG-2VX-50)



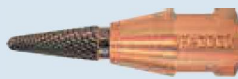
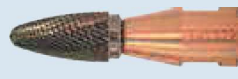
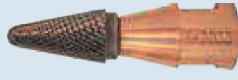
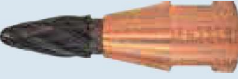
| Prod.no. | Speed    | Ref. no   | ⚖️ (g) | Air inlet |
|----------|----------|-----------|--------|-----------|
| A-0107   | 3000 rpm | FG-2VX-50 | 894    | 1/4" NPT  |

## A-0104 FUJI ANGLE GRINDER (FCD-6X-51)



| Prod.no. | Speed    | Ref. no   | ⚖️ (g) | Air inlet |
|----------|----------|-----------|--------|-----------|
| A-0104   | 2000 rpm | FCD-6X-51 | 1700   | 1/4" NPT  |

## ROTATING FILE Used with A-0107 and 0104

| Prod.no.             |                                                                                      |              |      |
|----------------------|--------------------------------------------------------------------------------------|--------------|------|
| A-0001 Slim          |  | Total length | 65mm |
|                      |                                                                                      | Teeth        | 27mm |
|                      |                                                                                      | ⚖️ (g)       | 76g  |
| A-0002 Bow Cone      |  | Total length | 70mm |
|                      |                                                                                      | Teeth        | 31mm |
|                      |                                                                                      | ⚖️ (g)       | 114g |
| A-0003 Straight Cone |  | Total length | 70mm |
|                      |                                                                                      | Teeth        | 31mm |
|                      |                                                                                      | ⚖️ (g)       | 110g |
| A-0004 Little Papa   |  | Total length | 65mm |
|                      |                                                                                      | Teeth        | 27mm |
|                      |                                                                                      | ⚖️ (g)       | 182g |
| A-0005 Round Boy     |  | Total length | 65mm |
|                      |                                                                                      | Teeth        | 27mm |
|                      |                                                                                      | ⚖️ (g)       | 168g |
| A-0006 Al-Ti-Char    |  | Total length | 65mm |
|                      |                                                                                      | Teeth        | 26mm |
|                      |                                                                                      | ⚖️ (g)       | 78g  |
| A-0007 Shorty        |  | Total length | 57mm |
|                      |                                                                                      | Teeth        | 17mm |
|                      |                                                                                      | ⚖️ (g)       | 194g |
| A-0008 Big Papa      |  | Total length | 72mm |
|                      |                                                                                      | Teeth        | 32mm |
|                      |                                                                                      | ⚖️ (g)       | 282g |
| A-0009B Big Boy B    |  | Total length | 95mm |
|                      |                                                                                      | Teeth        | 32mm |
|                      |                                                                                      | ⚖️ (g)       | 340g |

### A-0108 Fuji Angle Grinder (FAS-1X-50)



| Prod.no. | Speed    | Ref. no   | ⚖️ (g) | Air inlet |
|----------|----------|-----------|--------|-----------|
| A-0108   | 2000 rpm | FAS-1X-50 | 842    | 1/4" NPT  |

#### ROTATING FILE

Used with A-0108

| Prod.no.              |                                                                                   |              |       |
|-----------------------|-----------------------------------------------------------------------------------|--------------|-------|
| A-0009 C<br>Big Boy C |  | Total length | 95mm  |
|                       |                                                                                   | Teeth        | 32mm  |
|                       |                                                                                   | ⚖️ (g)       | 340g  |
| A-0010<br>Rough Boy   |  | Total length | 118mm |
|                       |                                                                                   | Teeth        | 51mm  |
|                       |                                                                                   | ⚖️ (g)       | 826g  |

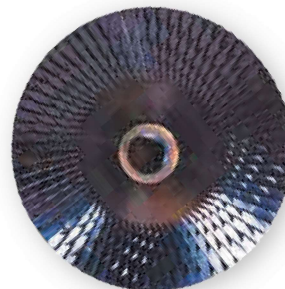
### A-0105 Fuji Angle Grinder (FCD-10X-52)



| Prod.no. | Speed    | Ref. no    | ⚖️ (g) | Air inlet |
|----------|----------|------------|--------|-----------|
| A-0105   | 1000 rpm | FCD-10X-52 | 2400   | 1/4" NPT  |

#### GRINDING DISC FOR PAINT

Used with A-0105



| Prod.no. | ⚖️ (g) | Dim     |
|----------|--------|---------|
| A-0500   | 410    | Ø 80 mm |

### GRINDING SOLUTION ACCESSORIES

Cooling cap for Straight Grinder  
A-0062



A-0068  
Drop Safety Device



A-0065  
Covering for A-0105 Angle Grinder

Handle for A-0104 / A-0108 angle grinders.  
Use with A-0009C/B files  
A-0060



A-0060RB  
Handle for A-0108 Angle grinder.  
Use with A-0009 and A-0010 files.





## ▶ Ex-Certified Grinding Solutions

Safety Tools Allmet has 12 standard grinding solutions and three standard cutting solutions. We also offer on-demand custom solutions on request.

[A-0047](#) – Coating Maintenance Solution

[A-0055](#) – Ship Owners Solution

[A-0048](#) – Coating Maintenance Solution Eco

[A-0056](#) – Rough Boy Solution

[A-0049](#) – Surface Solution Small

[A-0057](#) – All-Around with Rough Boy Solution

[A-0051](#) – Straight Grinder Solution

[A-0058](#) – Steel Grinding Solution

[A-0052](#) – Wrap Solution

[A-0059](#) – Surface Protection Solution

[A-0054](#) – All-Around Solution

[A-0155](#) – Surface grinder – GPD

All standard Solutions are delivered in an authentic Pelicase engineered for maximum protection and fitted with custom foam. Every piece of equipment is clearly marked in full compliance with the ATEX certificate, ensuring traceability and safety in demanding environments. Each Pelicase comes with a lifetime guarantee, giving you long-term confidence in both transport and storage.



**A-0047 – Coating Maintenance Solution****Size: 54x44x21cm - 13,5 kg**

Developed for an optimal system for paint removal and producing a surface profile ready to paint – with strong adhesion levels. The total lifetime of this solution's grinding files and disks is 103 200 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                    | Grinding files       | Accessories                    |                        |
|------------------------------|----------------------|--------------------------------|------------------------|
| A-0105 Fuji Angle Grinder    | A-0001 Slim          | A-0060RB Handle                | A-0200 Spanner - 10mm  |
| A-0107 Fuji Straight Grinder | A-0003 Straight Cone | A-0061 Handle                  | A-0203 Spanner – 17mm  |
| A-0108 Fuji Angle Grinder    | A-0004 Little Papa   | A-0065 Covering                | A-0205 Dor Clamp 4mm   |
|                              | A-0005 Round Boy     | A-0085 Pelicase                | A-0207 Allen key – 6mm |
|                              | A-0010 Rough boy     | <b>Grinding Disc</b>           |                        |
|                              |                      | A-0500 Grinding disc for paint |                        |

**A-0048 – Coating Maintenance Solution Eco****Size: 41x32x17cm - 7 kg**

A smaller version of the A-0059 Surface Solution. The grinding tools creates a good surface profile that maintains mechanical pre-treatment standard ST 2.5 to 3.

The total lifetime of this solution's grinding files is 63 200 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                    | Grinding files         | Accessories           |                        |
|------------------------------|------------------------|-----------------------|------------------------|
| A-0107 Fuji Straight Grinder | A-0003 – Straight Cone | A-0060RB Handle       | A-0203 Spanner – 17mm  |
| A-0108 Fuji Angle Grinder    | A-0004 – Little Papa   | A-0061 Handle         | A-0205 Dor Clamp 4mm   |
|                              | A-0005 – Round Boy     | A-0082 Pelicase       | A-0207 Allen key – 6mm |
|                              | A-0010 – Rough boy     | A-0200 Spanner - 10mm |                        |

**A-0049 – Surface Solution Small****Size: 41x32x17cm - 7,5 kg**

Smaller, more accessible solution for spot repair. It also contains “Big Boy” for larger surfaces. The burrs create a good surface profile that maintains mechanical pre-treatment standard ST 2.5 to 3. The total lifetime of this solution's grinding files is 66 800 spots. (5×5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                    | Grinding files         | Accessories                   |
|------------------------------|------------------------|-------------------------------|
| A-0104 Fuji Angle Grinder    | A-0001 – Slim          | A-0060 Handle                 |
| A-0107 Fuji Straight Grinder | A-0002 – Bow Cone      | A-0082 Pelicase               |
|                              | A-0003 – Straight Cone | A-0200 Spanner - 10mm         |
|                              | A-0005 – Round Boy     | A-0203 Spanner – 17mm (2 pcs) |
|                              | A-0006 – Al-Ti-Char    | A-0207 Allen key – 6mm        |
|                              | A-0009B – Big Boy B    | A-0061 Handle                 |

**A-0052 – Wrap Solution****Size: 41x32x17cm - 7,5 kg**

Developed for the wrap repair industry with good versatility for both pre-treatment of pipes and beams. The total lifetime of this solution's grinding files is 100 800 spots. (5×5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                    | Grinding files         | Accessories                       |
|------------------------------|------------------------|-----------------------------------|
| A-0107 Fuji Straight Grinder | A-0001 – Slim          | A-0060RB Handle                   |
| A-0108 Fuji Angle Grinder    | A-0002 – Bow Cone      | A-0061 Handle                     |
|                              | A-0003 – Straight Cone | A-0068 Drop safety device (2 pcs) |
|                              | A-0005 – Round Boy     | A-0083 Pelicase                   |
|                              | A-0007 – Shorty        | A-0200 Spanner - 10mm             |
|                              | A-0008 – Big papa      | A-0203 Spanner - 17mm             |
|                              | A-0010 – Rough boy     | A-0205 Dor Clamp - 4mm            |
|                              |                        | A-0207 Allen key - 6mm            |

### A-0051 – Straight Grinder Solution

Size: 30x12x25cm - 3,1 kg

Good versatility when it comes to size, weight and usage areas. Comes packaged in the Peli Stormcase IM2050, a light and versatile but robust Pelicase. The total lifetime of this solution's grinding files is 35 200 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tool                     | Grinding files     | Accessories                  |
|------------------------------|--------------------|------------------------------|
| A-0107 Fuji Straight Grinder | A-0002 – Bow Cone  | A-0061 Handle                |
|                              | A-0005 – Round Boy | A-0083 Peli Stormcase IM2050 |
|                              | A-0007 – Shorty    | A-0200 Spanner - 10mm        |
|                              |                    | A-0203 Spanner – 17mm        |
|                              |                    | A-0207 Allen key – 6mm       |

### A-0054 All-Around Solution

Size: 54x21x44cm - 19 kg

Our second most optimal system for steel grinding, corrosion control and surface maintenance. The total lifetime of this solution's grinding files and disks is 166 800 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                      | Grinding files         | Accessories                       |
|--------------------------------|------------------------|-----------------------------------|
| A-0104 Fuji Angle Grinder      | A-0001 – Slim          | A-0060 Handle                     |
| A-0105 Fuji Angle Grinder      | A-0002 – Bow Cone      | A-0061 Handle                     |
| A-0107 Fuji Straight Grinder   | A-0003 – Straight Cone | A-0062 Cooling cap                |
| A-0108 Fuji Angle Grinder      | A-0004 – Little Papa   | A-0065 Cover                      |
|                                | A-0005 – Round Boy     | A-0068 Drop safety device (4 pcs) |
| Grinding disc                  | A-0006 – Al-Ti-Char    | A-0085 Pelicase                   |
| A-0500 Grinding disc for paint | A-0007 – Shorty        | A-0200 Spanner - 10mm             |
|                                | A-0008 – Big papa      | A-0203 Spanner - 17mm (2 pcs)     |
|                                | A-0009B – Big Boy B    | A-0205 Dor Clamp - 4mm            |
|                                | A-0009C – Big Boy C    | A-0207 Allen key - 6mm            |

### A-0055 Ship owners solution

Size: 54x21x44cm - 15 kg

Developed for general corrosion removal maintenance and surface preparation for ships. Stay ahead of the maintenance schedule on board and avoid major costs with unplanned drydocking. The total lifetime of this solution's grinding files and disks is 63 200 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                      | Grinding files         | Accessories                       |                        |
|--------------------------------|------------------------|-----------------------------------|------------------------|
| A-0105 Fuji Angle Grinder      | A-0003 – Straight Cone | A-0061 Handle                     | A-0200 Spanner - 10mm  |
| A-0107 Fuji Straight Grinder   | A-0004 – Little Papa   | A-0068 Drop safety device (2 pcs) | A-0203 Spanner - 17mm  |
| <b>Grinding disc</b>           | A-0005 – Round Boy     | A-0085 Pelicase                   | A-0207 Allen key - 6mm |
| A-0500 Grinding disc for paint |                        |                                   |                        |

### A-0056 rough boy solution

Size: 43x18,5x34,5cm - 7 kg

Rough Boy Solution was developed for general corrosion maintenance and surface pre-treatment on larger surface areas – as a replacement for spot blasting. The total lifetime of this solution's grinding files is 32 000 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tool                  | Grinding file      | Accessories               |                        |
|---------------------------|--------------------|---------------------------|------------------------|
| A-0108 Fuji Angle Grinder | A-0010 – Rough boy | A-0060RB Handle           | A-0205 Dor Clamp - 4mm |
|                           |                    | A-0068 Drop safety device | A-0203 Spanner - 17mm  |
|                           |                    | A-0082 Rough Boy Pelicase | A-0207 Allen key - 6mm |

### A-0057 – All Around with Rough Boy Solution

Size: 54x21x44cm - 21 kg

The ultimate package solution for spark-free grinding within surface treatment, steel grinding and corrosion removal, look no further. All Around with Rough Boy Solution contains everything you need. The total lifetime of this solution's grinding files and disks is 198 800 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                         | Grinding files         | Accessories                       |
|-----------------------------------|------------------------|-----------------------------------|
| A-0104 Fuji Angle Grinder         | A-0001 – Slim          | A-0060 Handle                     |
| A-0105 Fuji Angle Grinder         | A-0002 – Bow Cone      | A-0060RB Handle                   |
| A-0107 Fuji Straight Grinder      | A-0003 – Straight Cone | A-0061 Handle                     |
| A-0108 Fuji Angle Grinder (2 pcs) | A-0004 – Little Papa   | A-0062 Cooling cap                |
|                                   | A-0005 – Round Boy     | A-0065 Cover                      |
| <b>Grinding disc</b>              | A-0006 – Al-Ti-Char    | A-0068 Drop safety device (5 pcs) |
| A-0500 Grinding disc for paint    | A-0007 – Shorty        | A-0085 Pelicase                   |
|                                   | A-0008 – Big papa      | A-0200 Spanner - 10mm             |
|                                   | A-0009B – Big Boy B    | A-0203 Spanner - 17mm (2 pcs)     |
|                                   | A-0009C – Big Boy C    | A-0205 Dor Clamp - 4mm            |
|                                   | A-0010 – Rough boy     | A-0207 Allen key - 6mm            |

### A-0155 – GDP Solution

Size: 49x18x33cm - 6 kg

Grinding Disc for Paint (GDP) is a highly popular product and its usage areas are vast. This solution offers custom foam and storage for spare up to three spare discs and custom tools for disc changing. The total lifetime of this solution's grinding files and disks is 32 000 spots for standard layout. (5x5 cm)



Genuine Peli™ case with lifetime guarantee



### A-0058 – Steel Grinding Solution

Size: 54x21x44cm - 14 kg

Steel Grinding Solution contains our best rotating grinding files for both steel removal and mechanical pre-treatment. The total lifetime of this solution's grinding files is 142 800 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                    | Grinding files              | Accessories                       |
|------------------------------|-----------------------------|-----------------------------------|
| A-0107 Fuji Straight Grinder | A-0002 – Bow Cone           | A-0060 Handle                     |
| A-0108 Fuji Angle Grinder    | A-0003 – Straight Cone      | A-0061 Handle                     |
|                              | A-0004 – Little Papa        | A-0062 Cooling cap                |
|                              | A-0005 – Round Boy          | A-0068 Drop safety device (2 pcs) |
|                              | A-0006 – Al-Ti-Char         | A-0085 Pelicase                   |
|                              | A-0007 – Shorty             | A-0200 Spanner - 10mm             |
|                              | A-0008 – Big papa (2 pcs)   | A-0203 Spanner - 17mm             |
|                              | A-0009C – Big Boy C (2 pcs) | A-0205 Dor Clamp - 4mm            |
|                              |                             | A-0207 Allen key - 6mm            |

### A-0059 – Surface Protection Solution

Size: 54x21x44cm - 17 kg

Developed for general maintenance work in and outside of larger ATEX gas zones.  
The total lifetime of this solution's grinding files and disks is 111 200 spots. (5x5 cm)



Genuine Peli™ case with lifetime guarantee

| Air tools                      | Grinding files              | Accessories                       |                        |
|--------------------------------|-----------------------------|-----------------------------------|------------------------|
| A-0104 Fuji Angle Grinder      | A-0003 – Straight Cone      | A-0060 Handle                     | A-0085 Pelicase        |
| A-0105 Fuji Angle Grinder      | A-0004 – Little Papa        | A-0061 Handle                     | A-0200 Spanner - 10mm  |
| A-0107 Fuji Straight Grinder   | A-0005 – Round Boy          | A-0062 Cooling cap                | A-0203 Spanner - 17mm  |
| <b>Grinding disc</b>           | A-0009B – Big Boy B (2 pcs) | A-0065 Cover                      | A-0207 Allen key - 6mm |
| A-0500 Grinding disc for paint |                             | A-0068 Drop safety device (3 pcs) |                        |



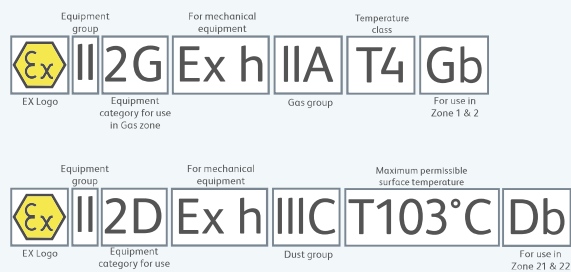
*“The Safety Tools Allmet grinding tools were tested under anticipated worst-case conditions – operations within explosive mixtures of propane and acetylene. It was not found possible to provoke ignition of the explosive mixtures during any of the tests performed.”*

Geir H. Pedersen, Principal engineer, Gexcon AS



# ATEX-Cutting Tools

## CUTTING TOOLS EX-CERTIFICATE



## A-0310 - WATER CONTROL BOX



Unique to our cutting solutions is our water control box, designed to regulate the flow of air and water. Its purpose is to control whether the tool is permitted to start or not

### Key adjustment settings

|              |                       |
|--------------|-----------------------|
| Water Inlet  | = 4 Bar Minimum       |
| Water Adjust | = 2.2 – 2.5 Bar       |
| Air Inlet    | = 7.3 Bars is optimal |
| Air Outlet   | = 6.3 Bar Max         |

## A-0105 FUJI ANGLE GRINDER (FCD-10X-52)



Cutting solutions utilize our A-0105 air tool. The addition of the water control box increases the lifetime of our cutting discs as water acts as lubricant.

Different disc guards are used with our Weld seam disc and Cutting disc. Our Cutting disc also has additional adapters (chucks).

| Air tools no. | Name              | Ref. no    | Speed (rpm) | Wt (g) | Air inlet |
|---------------|-------------------|------------|-------------|--------|-----------|
| A-0105-T4     | Angle Grinder(T4) | FCD-10X-52 | 1000        | 2400   | 1/4" NPT  |

## CUTTING DISCS (A-0502 / A-0503)



Safety Tools cutting and weld seam discs have the same properties as our grinding files and discs.

There are also Re-cut alternatives for these discs.

| Disc no. | Name              | Diameter | Thickness | Wt (g) |
|----------|-------------------|----------|-----------|--------|
| A-0502   | Cutting Disc      | 110mm    | 5mm       | 652    |
| A-0503   | Weld Removal Disc | 110mm    | 10mm      | 1420   |

# ATEX-Cutting Solutions



## A-0300 - Combined cutting and weld removal solution

Size: 80x45x64cm - 44 kg

Combined cutting solution with all our cutting tools, for both general cutting and weld removal. Combined solution contains both 5mm and 10mm cutting discs.

Lifetime of the discs can be increased by up to 20% by using helping hand tools.



Genuine Peli™ case with lifetime guarantee

| Air tools                            | Accessories                                   |                                      |
|--------------------------------------|-----------------------------------------------|--------------------------------------|
| A-0105 Fuji Angle Grinder (2 pcs)    | A-0070 Antistatic Air Hose with Water cooling | A-0086 Cutting and Weldseam Pelicase |
| <b>Cutting discs</b>                 | A-0073 Cutting Guard                          | A-0204 – Thin Spanner 19mm           |
| A-0502 – Cutting disc                | A-0074 Covering Weldseam Fuji                 | A-0206 – Chuck key                   |
| A-0503 – Weld removal disc           | A-0077 A & C                                  | A-0208 – Spanner 22mm                |
| <b>Custom Tool for water control</b> | A-0079 Nozzle with connector (2 pcs)          | A-0209 – Spanner 36mm Thin           |
| A-0310 Water Control Box             |                                               |                                      |

### Some proposed application areas:

- ✦ Cutting in engine room
- ✦ Cutting in explosive atmospheres
- ✦ Topside pipe cutting
- ✦ Topside weld removal
- ✦ Cutting projects in refineries
- ✦ Removing deck plates
- ✦ Cutting stuck bolt heads
- ✦ Drilling deck projects
- ✦ Weld removal
- ✦ Weld removal projects in refineries
- ✦ Grating removal
- ✦ And much more!

**A-0301 - Cutting Solution**

**Size: 80x45x64cm - 40 kg**

The cutting solution consists of everything you need for all sorts of cutting work in ATEX gas zones and ATEX dust zones.

Cutting solution uses a 5 mm cutting disc. Over its lifetime, it can cut and mill approx. 12m at 8–12mm depth. With support tools, depth can reach up to 30 mm (freehand: max. 15 mm).



Genuine Peli™ case with lifetime guarantee

| Air tool                             | Accessories                                   |                                      |
|--------------------------------------|-----------------------------------------------|--------------------------------------|
| A-0105 Fuji Angle Grinder            | A-0070 Antistatic Air Hose with Water cooling | A-0086 Cutting and Weldseam Pelicase |
| <b>Cutting disc</b>                  | A-0073 Cutting Guard                          | A-0206 – Chuck key                   |
| A-0502 – Cutting disc                | A-0077 A & C                                  | A-0209 – Spanner 36mm Thin           |
|                                      | A-0079 Nozzle with connector                  |                                      |
| <b>Custom Tool for water control</b> |                                               |                                      |
| A-0310 Water Control Box             |                                               |                                      |



A-0302 - Weld Removal Solution

Size: 80x45x64cm - 42 kg

Steel removal, deck plate removal, and general weld removal. The Weld Removal Kit includes our 10 mm disc, with an expected lifetime of approx. 12 m of weld removal on 8 mm weld height.



Genuine Pelic<sup>™</sup> case with lifetime guarantee

| Air tool                             | Accessories                                   |                                      |
|--------------------------------------|-----------------------------------------------|--------------------------------------|
| A-0105 Fuji Angle Grinder            | A-0070 Antistatic Air Hose with Water cooling | A-0086 Cutting and Weldseam Pelicase |
| <b>Cutting disc</b>                  | A-0074 Covering Weldseam Fuji                 | A-0204 – Thin Spanner 19mm           |
| A-0503 – Weld removal disc           | A-0079 Nozzle with connector                  | A-0208 – Spanner 22mm                |
| <b>Custom Tool for water control</b> |                                               |                                      |
| A-0310 Water Control Box             |                                               |                                      |





*“The cutting system works excellent. We are able to cut out welds attaching equipment in an area... in one shift... Without having to shut down the facility. Definitely a quality product and valuable asset”*

SHELL-MARS OFFSHORE PLATFORM, Gulf of Mexico - Shell



*“This is the best thing I have seen since sliced bread!”*

Total Petrochemicals , Port Arthur Refinery, Texas.



## Custom tools



### A-0410 Pendulum Arm

Magnet with a swing arm that makes it easier to use with our cutting solutions. It will increase efficiency significantly, and the lifetime of the cutting disc can increase up to 20%.



### A-0410 Pendulum Arm (Example)

Connected with our A-0105 air tool and A-0502 cutting disc. Can also be used with our weld removal disc A-0503.



### A-0415 Pipe Bungee

The Pipe Bungee is a simple way to attach Safety Tools Allmet grinding tools to a pipe. Pipe Bungee makes the grinding process more effortless, removing the need to work in a compromised position underneath the pipe. This eliminates the risk of eye injury from falling debris.



## ► Custom tools



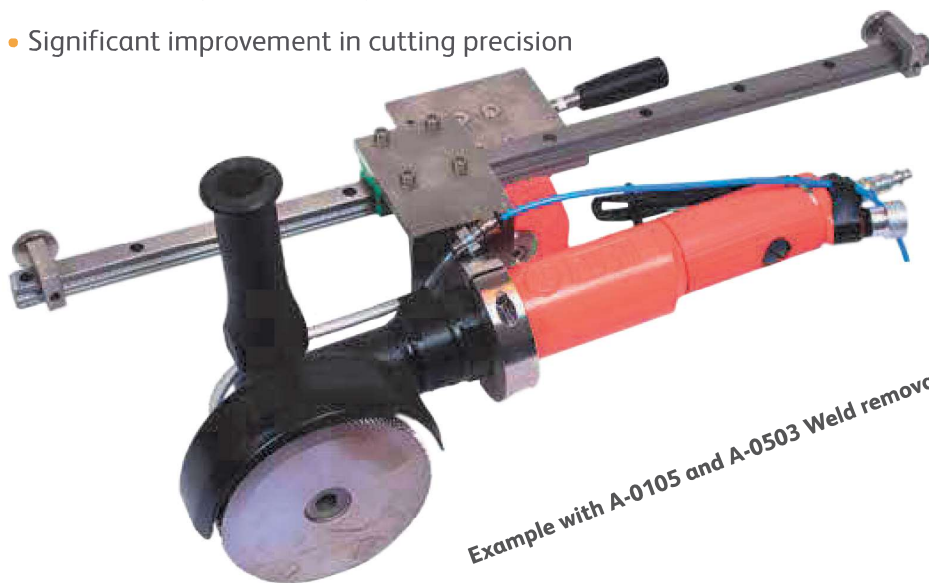
### A-0420 Cutting Guide Compact

The Cutting Guide Compact is an additional equipment for SafetyTools Allmet cutting solutions, making efficiency and increasing use areas for our cutting tools.

It is a simple solution that has a surprisingly increased effect on the result. Cutting Guide Compact can be customized to your desired length.

#### Key advantages

- Enhanced ease of operation for the cutting tool
- Substantial increase in cutting efficiency
- Reduced operator fatigue
- Extended lifespan of cutting discs
- Significant improvement in cutting precision



Example with A-0105 and A-0503 Weld removal disc

## ► Custom tools



### A-0320 Cutting Guide Jr

Portable automated cutting solution for work in Ex/Hazardous areas. It can be mounted on walls and on ceilings with magnets and vacuum feet. The cutting process is controlled by a pneumatic remote operator station where the operator controls all functions on the guide.



## ► Refill kits



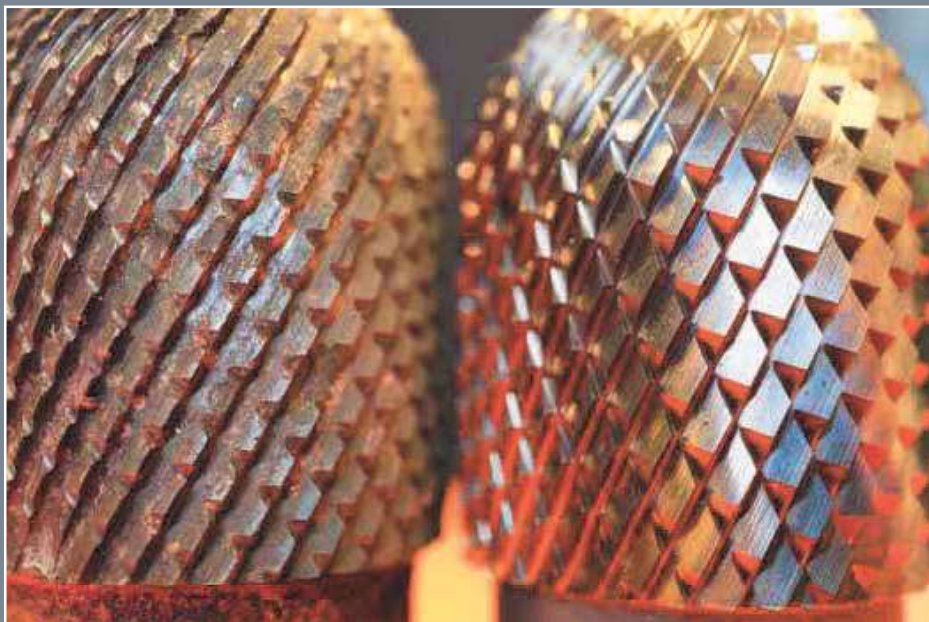
### Refill kits

All rotating burrs and discs from Safety Tools Allmet are made of <95% solid tungsten carbide.

Because of their durability, it can be difficult to distinguish a worn file from a new one. When you notice cracked teeth or smoother teeth, it's time to replace the burr for optimal performance.

Our Refill Kits come in a hard case with custom-fitted foam for safe storage and transport. We offer one refill kit for each solution, as well as three standalone refill kits.

## Worn vs New



# ▶ Re-Cut



## Re cut discs

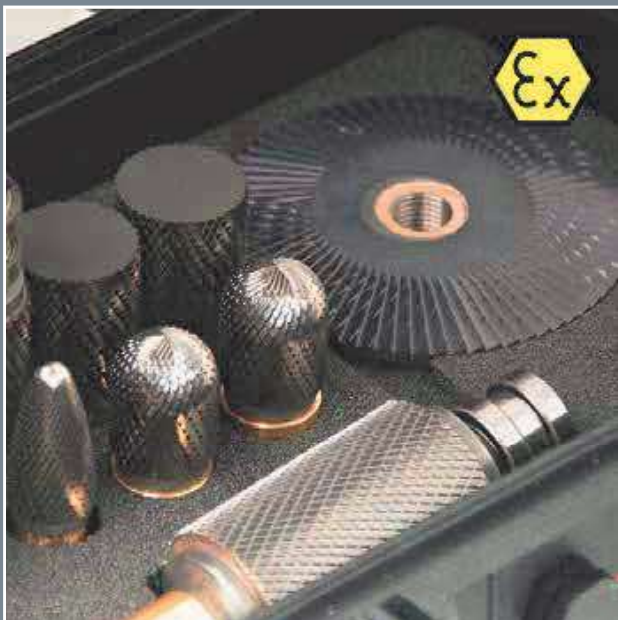
For cutting discs A-0502 and A-0503, it is possible to perform a re-cut.

To receive a re-cut disc, you must send a used disc to Safety Tools Allmet.

We can also produce re-cut discs on order, with a production time of approximately 4 weeks.

**Please note:** Not all discs can be re-cut. Disc integrity and remaining diameter are determining factors.

Most grinding burrs can also be re-cut. Contact us for more information.





# Testing and Certification

Since 1998, Safety Tools Allmet has been committed to ensuring that all testing and certification are carried out by third parties.



DNV-certified ATEX tools for Gas Zones 1–2 and Dust Zones 21–22.  
No hot work permits or shutdowns required.



Tests confirmed no ignition of explosive gas mixtures during  
Safety Tools operations.



Surfaces prepared with Safety Tools showed excellent coating adhesion and performance, even after thermal shocks. Confirming suitability for maintenance and demanding applications.



Jotun tests confirmed strong adhesion on Safety Tools–prepared steel surfaces, with no failures observed across multiple coating systems.



Chevron verified strong coating adhesion and effective surface preparation using Safety Tools.



Independent Multiconsult tests verified low noise levels (81–88 dBA) from  
Safety Tools grinding and cutting systems.



Independent IFKAN testing confirmed no detectable isocyanate emissions and reduced particle release with Safety Tools.