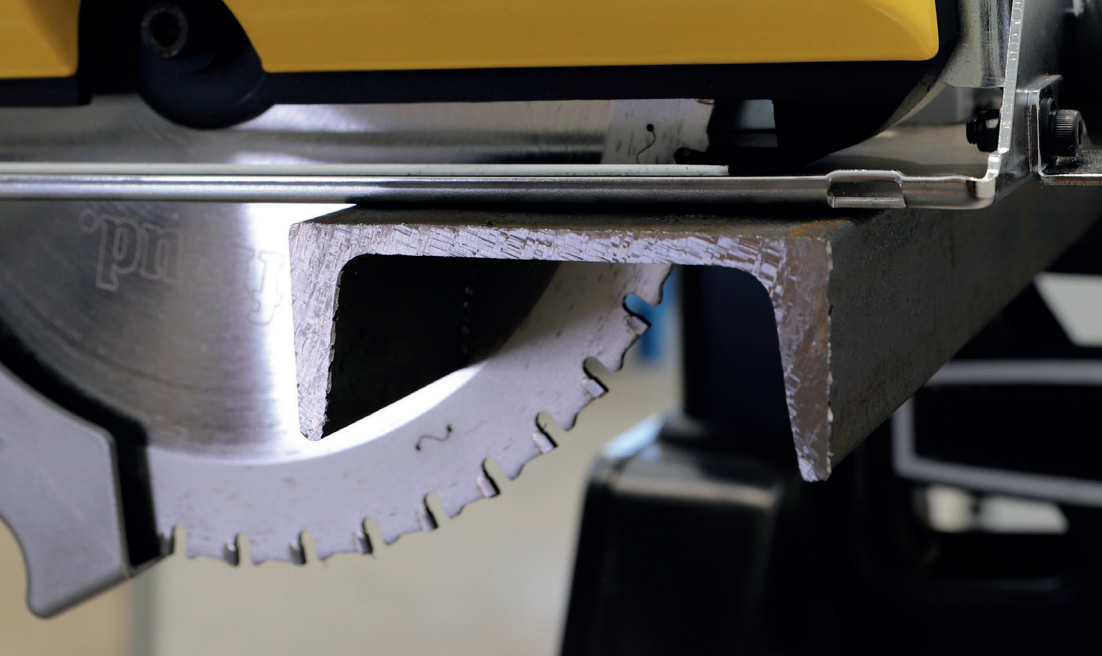


A close-up photograph of a Freud circular saw blade in the process of cutting a square metal pipe. The blade is spinning, creating a blurred motion effect. Metal shavings are being ejected from the cut. In the foreground, there are several other metal pipes and a threaded rod, suggesting a workshop or industrial setting. The background is a solid yellow color.

# freud

**Precisely  
the best**

**Premium Circular Saw Blades for  
Ferrous Metal Cutting - LU6A Range**



## **BRINGING FERROUS METAL CUTTING TO THE NEXT LEVEL: FREUD ULTIMATE CIRCULAR SAW BLADE SOLUTION FOR STEEL APPLICATIONS**

Freud LU6A range is engineered specifically for the demands of metalworking. Experience unparalleled efficiency, precision, and safety on every project leveraging:



### **Advanced Carbide Formula**

Deliver exceptional durability and heat resistance for a significantly longer blade lifetime when cutting all types of steel.



### **Dedicated Tooth Geometry**

The double-triple-chip tooth carves through steel, creating a clean channel that ejects chips efficiently. The result is a smooth, burr-free finish straight from the saw, eliminating the need for extra grinding.



### **Industry-first Protective Coating**

Reduces friction and heat build-up, allowing the blade to glide through metal with less effort, and preventing corrosion.

PRODUCT FEATURES

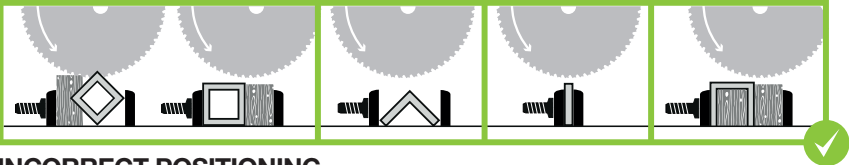
WHY FREUD LU6A IS PRECISELY THE BEST FOR FERROUS METAL CUTTING

Maximize Your Blade Lifetime: Practical Advice on How to Cut

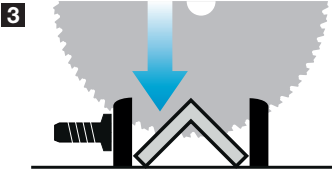
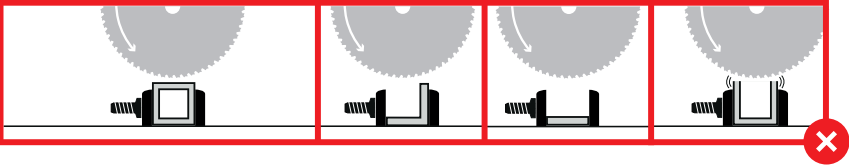
1

| Freud Code | D<br>mm | Z  | Pipe                   |                              | Squared Profile        |                                | Metal Bar              |                              | C-Stud                 |                                | Angle-Stud             |                                | Metal-Stud             |                                | Rebar      |             | Stainless steel profiles |
|------------|---------|----|------------------------|------------------------------|------------------------|--------------------------------|------------------------|------------------------------|------------------------|--------------------------------|------------------------|--------------------------------|------------------------|--------------------------------|------------|-------------|--------------------------|
|            |         |    | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 6mm | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 4,5mm | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 8mm | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 4,5mm | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 4,5mm | < 2,4mm Wall Thickness | 2,5mm ≤ Wall Thickness ≤ 3,2mm | 6mm ≤ 10mm | 11mm ≤ 28mm |                          |
| LU6A 0900  | 254     | 50 | ••                     | •••                          | ••                     | •••                            | ••                     | •••                          | ••                     | •••                            | ••                     | •••                            | ••                     | •••                            | •          | •••         | ✗                        |
| LU6A 1000  | 254     | 60 | •••                    | •                            | •••                    | •                              | •••                    | •                            | •••                    | •                              | •••                    | •                              | •••                    | •                              | ••         | ••          | ✗                        |
| LU6A 1100  | 305     | 60 | ••                     | •••                          | ••                     | •••                            | ••                     | •••                          | ••                     | •••                            | ••                     | •••                            | ••                     | •••                            | •          | •••         | ✗                        |
| LU6A 1200  | 305     | 80 | •••                    | •                            | •••                    | •                              | •••                    | •                            | •••                    | •                              | •••                    | •                              | •••                    | •                              | ••         | ••          | ✗                        |
| LU6A 1500  | 355     | 72 | ••                     | •••                          | ••                     | •••                            | ••                     | •••                          | ••                     | •••                            | ••                     | •••                            | ••                     | •••                            | •          | •••         | ✗                        |
| LU6A 1600  | 355     | 90 | •••                    | •                            | •••                    | •                              | •••                    | •                            | •••                    | •                              | •••                    | •                              | •••                    | •                              | ••         | •           | ✗                        |

2 CORRECT POSITIONING



INCORRECT POSITIONING



- 1
- Select the correct circular saw blade according to the table.
- 2
- Position the work piece as described and lock firmly, to avoid any kind of vibration. Ensure that the work pieces are well fastened.
- 3
- Approach the material slowly and, while cutting, feed the circular saw blade with appropriate pressure.



Suitable to cut Mild Steel profiles. Tensil strenght till 500 N/mm². Material hardness till 140HB.



Silver I.C.E. Coating resists corrosion and protects the body from heat.



Dedicated tooth profile for metal applications. Dedicated Carbide teeth ensure longer lifetime.



If blunt, have your blade re-sharpened by professionals for optimal lifetime.



**Silver I.C.E. Coating**

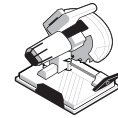
- A high performing and anticorrosive coating to maintain the blade temperature low during the working process.
- The non-stick feature improves chip ejection and notably reduces resin build-up, significantly reducing friction and extending the lifetime of the blade.



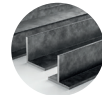
**TiCo Carbide**

- A specially formulated, highly compact Titanium Cobalt Carbide, engineered and manufactured by freud.
- It provides a sharper edge and flawless finish with a dramatically longer cutting life.

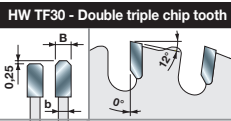
LU6A  
Saw blades to cut ferrous metal



Dry cut  
Mitre Saws



Steel



| D<br>mm | B<br>mm | b<br>mm | d<br>mm | Z  | NL   | Freud Code | Art. No.   |
|---------|---------|---------|---------|----|------|------------|------------|
| 160     | 2,0     | 1,6     | 20      | 30 | -    | LU6A 0100  | F03FS05343 |
| 184     | 2,0     | 1,6     | 15,88   | 38 | -    | LU6A 0200  | F03FS05344 |
| 184     | 2,0     | 1,6     | 15,88   | 48 | -    | LU6A 1900  | F03FS06586 |
| 190     | 2,0     | 1,6     | 30      | 38 | -    | LU6A 0300  | F03FS05345 |
| 210     | 2,0     | 1,6     | 30      | 40 | -    | LU6A 0400  | F03FS05346 |
| 216     | 2,0     | 1,6     | 30      | 40 | -    | LU6A 0500  | F03FS05347 |
| 230     | 2,0     | 1,6     | 30      | 48 | FT01 | LU6A 0600  | F03FS05348 |
| 230     | 2,4     | 2,0     | 25,4    | 44 | -    | LU6A 0700  | F03FS05349 |
| 250     | 2,4     | 2,0     | 30      | 48 | FT01 | LU6A 0800  | F03FS05350 |
| 254     | 2,4     | 2,0     | 25,4    | 50 | -    | LU6A 0900  | F03FS05351 |
| 254     | 2,4     | 2,0     | 25,4    | 60 | -    | LU6A 1000  | F03FS05352 |
| 300     | 2,6     | 2,2     | 30      | 60 | FT01 | LU6A 1700  | F03FS05359 |
| 300     | 2,6     | 2,2     | 30      | 80 | FT01 | LU6A 1800  | F03FS05360 |
| 305     | 2,6     | 2,2     | 25,4    | 60 | -    | LU6A 1100  | F03FS05353 |
| 305     | 2,6     | 2,2     | 25,4    | 80 | -    | LU6A 1200  | F03FS05354 |
| 350     | 2,6     | 2,2     | 30      | 72 | FT01 | LU6A 1300  | F03FS05355 |
| 350     | 2,6     | 2,2     | 30      | 90 | FT01 | LU6A 1400  | F03FS05356 |
| 355     | 2,6     | 2,2     | 25,4    | 72 | -    | LU6A 1500  | F03FS05357 |
| 355     | 2,6     | 2,2     | 25,4    | 90 | -    | LU6A 1600  | F03FS05358 |

FT01: 2/7/42 + 2/9/46,4 + 2/10/60

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