

# DAMASTEEL AB

The Premier 1994 EPMA Award for 'Innovation in Powder Metallurgy'

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## WATERTJET CUT BLANKS

Damasteel has earlier delivered damascene steel in flat or round bars. Now we present a new possibility. We can now supply blanks of damascene steel. These are made by abrasive waterjet cutting.

We have often observed the difficulties to punch blanks from a 1" wide damascene bar in a punching line dimensioned for mass production from 8" wide steel coiled strips. All knife factories can now easily upgrade a part of their standard knife models to exclusive damascene cutlery. Just send a drawing or a punched blank sample to Damasteel and order a number of damascene blanks.



### Price calculation

Quantity ~ 100 blanks

Programming cost (Euro/blade model) = 60:-

Price (Euro/unit) =  $K \times l \times w \times t$

where

**K** = Pattern value

**l** = Blade length

**w** = Blade width

**t** = Blade thickness

|                       |                   |            |        |
|-----------------------|-------------------|------------|--------|
| <b>Pattern values</b> | Random            | <b>K =</b> | 0,0044 |
|                       | Twist             |            | 0,0048 |
|                       | Odin's eye        |            | 0,0056 |
|                       | Rose              |            | "      |
|                       | Bluetounge        |            | "      |
|                       | Heimskringla      |            | 0,0060 |
|                       | Muhammed's ladder |            | 0,0064 |

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