

UDDEHOLM FINE MACHINED PROGRAM

# DESIGNED TO SAVE TIME







73 - 752

STENBERGS

Series  
8B

YCM

STOP

START

STOP

START

STOP

START

STOP

START

STOP

START

STOP

START

STOP

START

STOP

START





**A PROMISE OF BETTER BUSINESS**

# REACH A NEW LEVEL

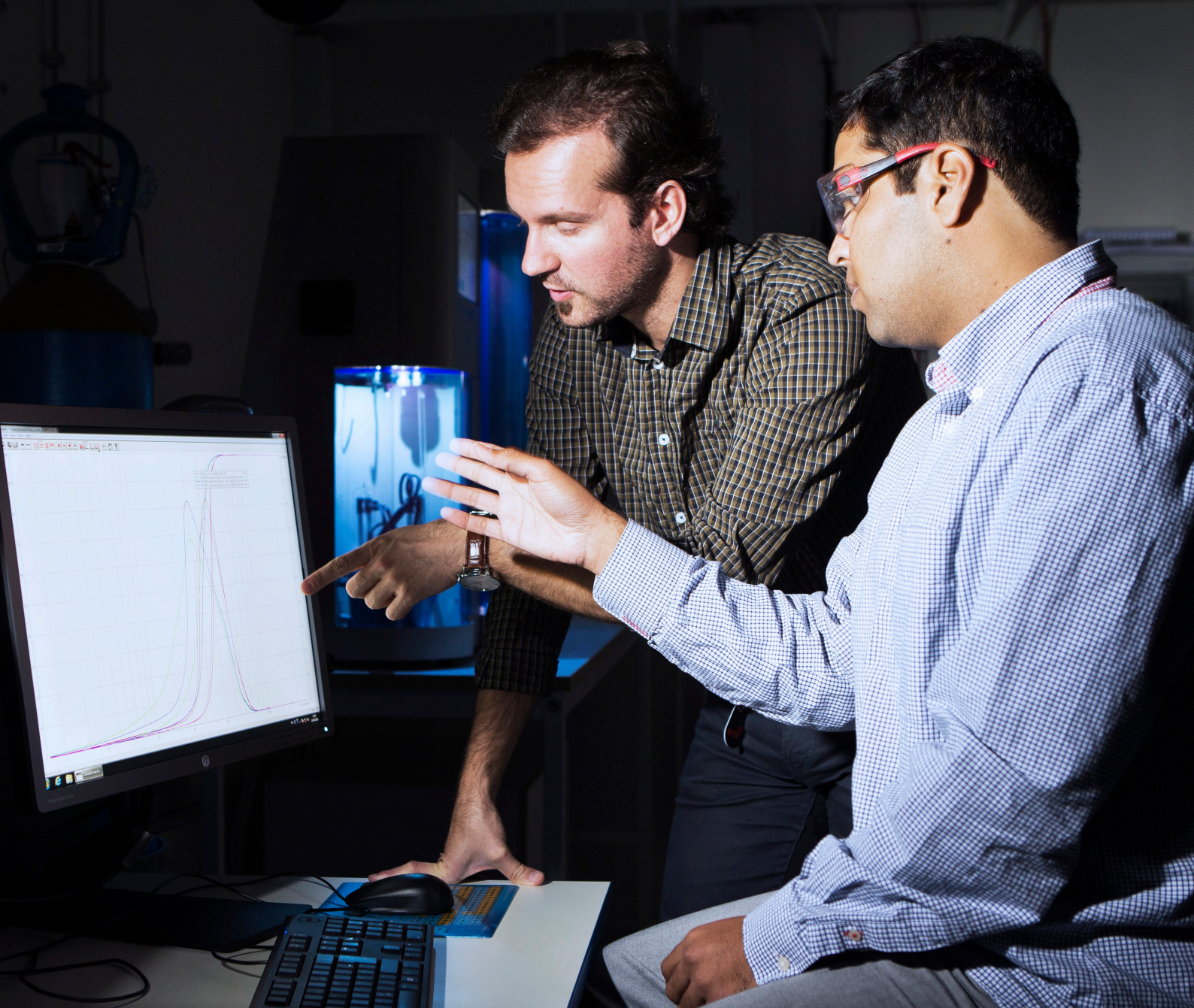
Uddeholm's fine machined tool steel program provides a safe and reliable fast forward button to your finished product. By raising production rates and shortening lead times, our broad range of market leading grades improves business from start to finish.

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#### **Adding value benefits for you**

- » Shorter time to market
- » Prepared for production
- » Over 1300 dimensions available
- » Offer customized products





**QUALITY THAT MEETS YOUR NEEDS**

# A REWARDING RELATIONSHIP

As your total solution partner, Uddeholm extends the possibilities for increased value by offering a range of solutions from unmachined bars to finished components. We can also deliver special sizes and executions for your special needs.

## **UDDEHOLM MACHINING SERVICE**

Pre-machined bars gives you the perfect start when building tools. Our product program consists of 1300 different articles all according to ISO standards. This gives you the freedom to choose products closer

to your final size and shape. A smart choice that shortens machining time, reduces machining stock and guarantees a cleaner workshop. Our services also include machining recommendations for all our steel grades.

#### 4-SIDE MACHINED STANDARD PROGRAMME

| Execution                |        |         | Tolerance                |                         |        |
|--------------------------|--------|---------|--------------------------|-------------------------|--------|
| Thickness                | Width  | Length  | Thickness                | Width                   | Length |
| Milled or segment ground | Milled | Saw cut | +0,4/+0,65 <sup>1)</sup> | +0,4/+0,8 <sup>2)</sup> | +3/+8  |



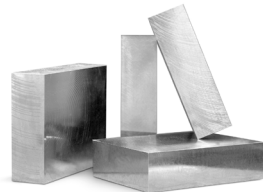
- 1) For Uddeholm UHB 11 and Uddeholm Formax -0/+0,2 mm  
 2) For Uddeholm UHB 11 and Uddeholm Formax -0/+0,4 mm

#### SPECIAL PROGRAMME, 4-SIDE MACHINED

| Execution   | Tolerance width <sup>1)</sup> |       |                  | Dimensions, possible combinations min-max <sup>1)</sup> |        |           |
|-------------|-------------------------------|-------|------------------|---|--------|-----------|
|             | Thickness                     | Width | Length (saw cut) | Thickness   | Width  | Length    |
| Milled      | 0,1–0,2                       |       | 2–5              | 4–220   | 50–315 | 750–4400  |
|             |                               |       |                  |   | 25–600 | 900–2450  |
|             |                               |       |                  | 4–100   | 10–40  | 400–1400  |
| Line ground | 0,05–0,1                      |       |                  | 4–220   | 50–600 | 1200–4400 |

#### SPECIAL PROGRAMME, 6-SIDE MACHINED


| Execution   | Tolerance width <sup>1)</sup><br>(Thickness, width and length) | Dimensions min-max <sup>1)2)</sup> |         |          |
|-------------|--|------------------------------------|---------|----------|
|             |  | Thickness                          | Width   | Length   |
| Milled      | 0,1–0,2  | 6–600                              | 10–1200 | 100–1200 |
| Line ground | 0,05–0,1   | 4–300                              |         |          |



- 1) Variations can occur depending on combination  
 2) Max diagonal length 1400 mm

#### SPECIAL SHAPE ACCORDING TO DRAWING

| Execution | Tolerance <sup>1)</sup> | Dimensions max <sup>2)</sup> |        |           |
|-----------|-------------------------|------------------------------|--------|-----------|
|           |                         | Width <sup>1)</sup>          | Length | Thickness |
| Gas cut   | 2–5                     | 2000                         | 6000   | 270       |
| Water cut | 0,1–0,5                 | 3000                         |        | 100       |



- 1) Variations can occur depending on thickness  
 2) Max 15 tons

Threaded holes can be made in bars with max length 2200 mm and max width 1100 mm.





1) **Uddeholm Sverker 21**

| Width<br>mm | Thickness mm |   |    |    |    |    |    |    |    |    |    |    |
|-------------|--------------|---|----|----|----|----|----|----|----|----|----|----|
|             | 6            | 8 | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 |
| 20          |              |   |    |    |    |    |    |    |    |    |    |    |
| 25          |              |   |    |    |    |    |    |    |    |    |    |    |
| 30          |              |   |    |    |    |    |    |    |    |    |    |    |
| 32          |              |   |    |    |    |    |    |    |    |    |    |    |
| 40          |              |   |    |    |    |    |    |    |    |    |    |    |
| 50          |              |   |    |    |    |    |    |    |    |    |    |    |
| 60          |              |   |    |    |    |    |    |    |    |    |    |    |
| 63          |              |   |    |    |    |    |    |    |    |    |    |    |
| 70          |              |   |    |    |    |    |    |    |    |    |    |    |
| 80          |              |   |    |    |    |    |    |    |    |    |    |    |
| 100         |              |   |    |    |    |    |    |    |    |    |    |    |
| 125         |              |   |    |    |    |    |    |    |    |    |    |    |
| 150         |              |   |    |    |    |    |    |    |    |    |    |    |
| 160         |              |   |    |    |    |    |    |    |    |    |    |    |
| 175         |              |   |    |    |    |    |    |    |    |    |    |    |
| 200         |              |   |    |    |    |    |    |    |    |    |    |    |
| 250         |              |   |    |    |    |    |    |    |    |    |    |    |
| 300         |              |   |    |    |    |    |    |    |    |    |    |    |
| 315         |              |   |    |    |    |    |    |    |    |    |    |    |
| square      |              |   |    |    |    |    |    |    |    |    |    |    |

1) **Uddeholm Stavax ESR**

| Width<br>mm | Thickness mm |    |    |    |    |     |
|-------------|--------------|----|----|----|----|-----|
|             | 30           | 40 | 50 | 60 | 80 | 100 |
| 100         |              |    |    |    |    |     |
| 125         |              |    |    |    |    |     |
| 160         |              |    |    |    |    |     |
| 200         |              |    |    |    |    |     |
| 250         |              |    |    |    |    |     |
| 300         |              |    |    |    |    |     |

2) **Uddeholm UHB 11**

| Width<br>mm | Thickness mm |   |   |    |    |    |    |    |    |    |    |    |    |     |
|-------------|--------------|---|---|----|----|----|----|----|----|----|----|----|----|-----|
|             | 4            | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
| 25          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 32          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 40          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 50          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 63          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 80          |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 100         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 125         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 160         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 200         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 250         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 315         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 350         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| 400         |              |   |   |    |    |    |    |    |    |    |    |    |    |     |
| square      |              |   |   |    |    |    |    |    |    |    |    |    |    |     |

1) **Uddeholm Vanadis 4 Extra SuperClean**

| Width<br>mm | Thickness mm |    |    |    |    |    |    |    |
|-------------|--------------|----|----|----|----|----|----|----|
|             | 10           | 12 | 16 | 20 | 25 | 32 | 40 | 50 |
| 50          |              |    |    |    |    |    |    |    |
| 63          |              |    |    |    |    |    |    |    |
| 80          |              |    |    |    |    |    |    |    |
| 100         |              |    |    |    |    |    |    |    |
| 125         |              |    |    |    |    |    |    |    |
| 160         |              |    |    |    |    |    |    |    |
| 200         |              |    |    |    |    |    |    |    |
| 250         |              |    |    |    |    |    |    |    |
| square      |              |    |    |    |    |    |    |    |

1) **Uddeholm Vanadis 8 SuperClean**

| Width<br>mm | Thickness mm |    |    |    |    |    |    |    |
|-------------|--------------|----|----|----|----|----|----|----|
|             | 10           | 12 | 16 | 20 | 25 | 32 | 40 | 50 |
| 50          |              |    |    |    |    |    |    |    |
| 100         |              |    |    |    |    |    |    |    |
| 160         |              |    |    |    |    |    |    |    |
| 200         |              |    |    |    |    |    |    |    |
| 250         |              |    |    |    |    |    |    |    |
| square      |              |    |    |    |    |    |    |    |

1) **Uddeholm Vanadis 23 SuperClean**

| Width<br>mm | Thickness mm |    |    |    |    |    |    |    |    |
|-------------|--------------|----|----|----|----|----|----|----|----|
|             | 8            | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 50 |
| 50          |              |    |    |    |    |    |    |    |    |
| 63          |              |    |    |    |    |    |    |    |    |
| 80          |              |    |    |    |    |    |    |    |    |
| 100         |              |    |    |    |    |    |    |    |    |
| 125         |              |    |    |    |    |    |    |    |    |
| 160         |              |    |    |    |    |    |    |    |    |
| 200         |              |    |    |    |    |    |    |    |    |
| square      |              |    |    |    |    |    |    |    |    |

2) **Uddeholm UHB 11**

| Width<br>mm | Thickness mm |    |    |    |    |    |    |     |     |
|-------------|--------------|----|----|----|----|----|----|-----|-----|
|             | 20           | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 |
| 160         |              |    |    |    |    |    |    |     |     |
| 200         |              |    |    |    |    |    |    |     |     |
| 250         |              |    |    |    |    |    |    |     |     |
| 300         |              |    |    |    |    |    |    |     |     |
| 315         |              |    |    |    |    |    |    |     |     |
| 350         |              |    |    |    |    |    |    |     |     |
| 400         |              |    |    |    |    |    |    |     |     |
| 450         |              |    |    |    |    |    |    |     |     |
| 500         |              |    |    |    |    |    |    |     |     |
| 550         |              |    |    |    |    |    |    |     |     |
| 600         |              |    |    |    |    |    |    |     |     |

2) **Uddeholm Formax**

| Width<br>mm | Thickness mm |    |    |
|-------------|--------------|----|----|
|             | 50           | 63 | 80 |
| 600         |              |    |    |

**Tolerances:** 1) Thickness: +0,4/+0,65 mm  
Width: +0,4/+0,8 mm

2) Thickness: -0/+0,2 mm  
Width: -0/+0,4 mm

■ Length: 1030 mm  
■ Random length: 1800–2000 mm



Manufacturing solutions for generations to come

# SHAPING THE WORLD

Since 1668 we have been providing a wide range of innovative cutting-edge solutions for our customers in demanding segments. Our dedicated employees work in almost ninety countries and together we deliver improved competitiveness to clients worldwide. Welcome to Uddeholm.