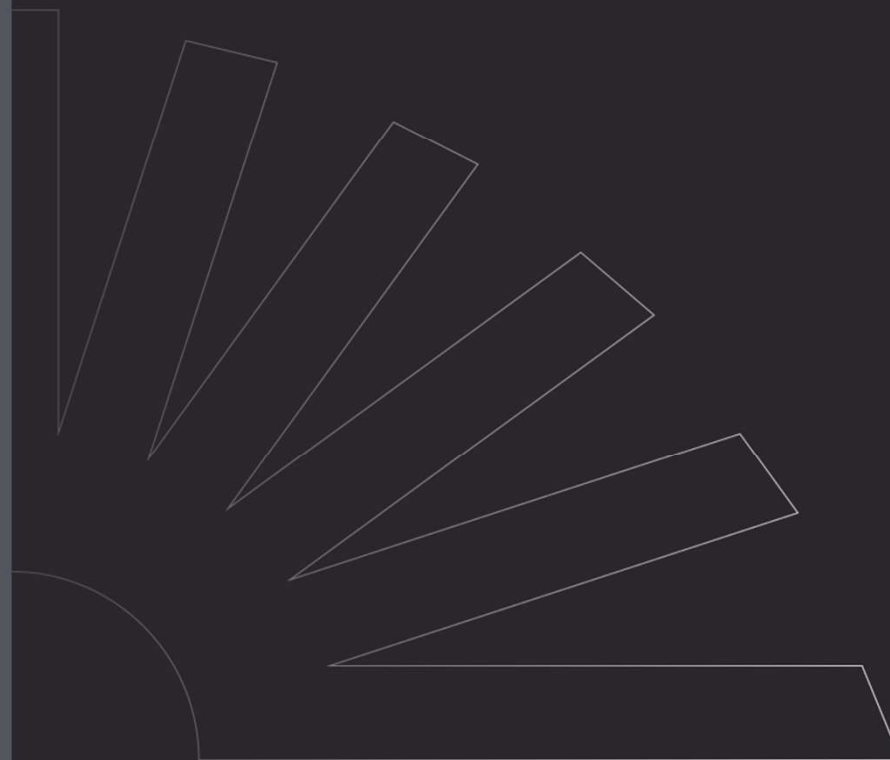




# Growth summit meeting

Sunnen AG, Switzerland, October 16/17, 2024





## Introduction Simon

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## About me

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Name: Simon Ueckert

Age: 34

Hobbys: biking, hiking, mountain climbing  
(every kind of sports like this)

Vocational training: precision mechanics

Further training: Master of precision mechanics and business of economist





## About me and my Sunnen live

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### Experience of more than 12 years

- Starting with 4 years as Application Manager at Sunnen Deutschland
- Followed by 8 years as Project Manager with Sales-supporting at Sunnen Deutschland
- And now since January Product Manager Europe (TH)



## Issue with H70-Prices

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## Options

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1. H70-Stone Bulks
2. Master holder with sticks (the last option)



## 1. Option - H70-Stone Bulks

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## H70-Stone Bulks

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- H70xxxXP26
  - Include:
    - 25 Sets of stones
    - 25 Sets of guides
  - Example: H70**A45N**XP26
    - approx. **35%** / p.P. cheaper than the standard sets
    - Currently more than 1'000 sets on stock (SAG)





## 2. Option - Master holder for HB-Honing-Heads

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## HB-97 Master holder - conventional

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MH-110-KH (110-130 mm)  
MH-097 (99-125 mm)



MH-130-KH (130-160 mm)  
MH-125 (125-154 mm)



Stone holder: Stones holder  
Guide holder: Standard MPS1680-SA guide hold  
Abrasive dimension: 1/2 x 1/2 x 4", shell mounted

MH-160-KH (160-215 mm)  
MH-150 (150-205 mm)

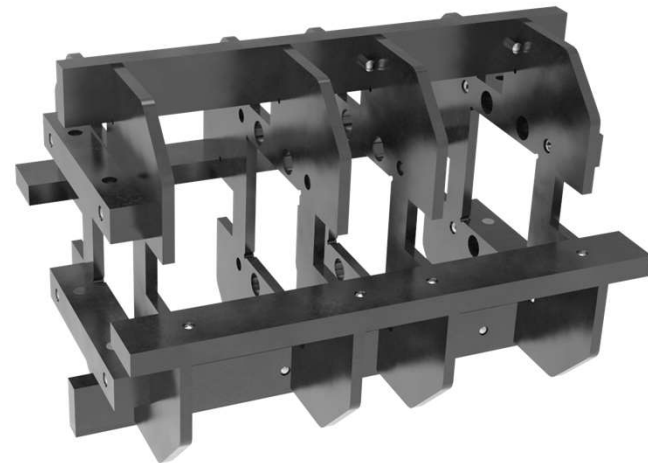
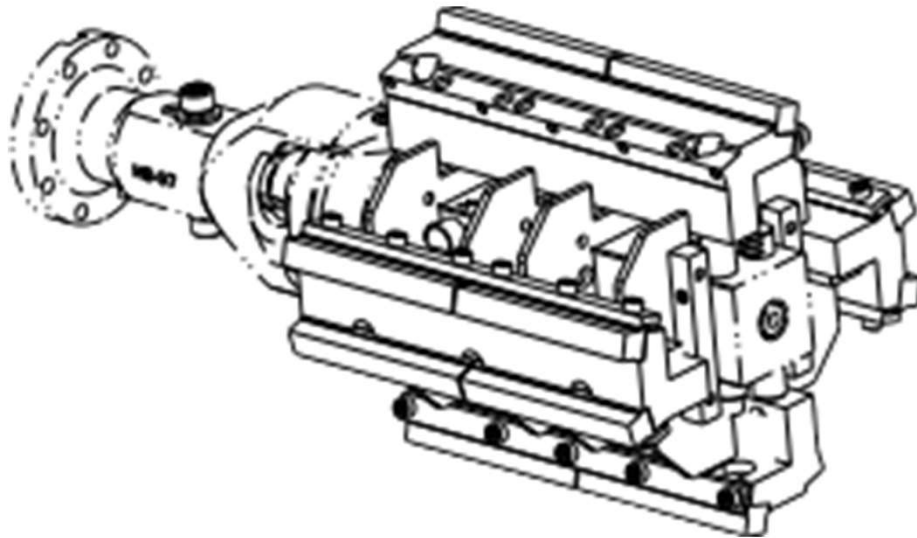




HB-97  
Master holder - conventional

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MHC-178 (178-225 mm)





## HB-97 Master holder - conventional

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MH-110-KH<sub>2</sub> (100-130 mm)



MH-130-KH<sub>2</sub> (130-160 mm)



MH-160-KH<sub>2</sub> (160-215 mm)



Stone holder: Stones holder

Guide holder: Standard MPS1680-SA guide hold

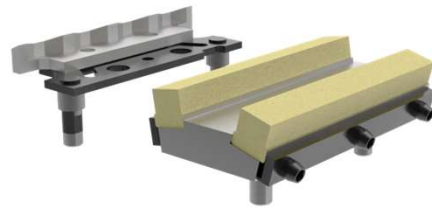
Abrasive dimension: 1/2 x 1/2 x 4", shell mounted



## HB-195, HB-195-SL / HB-450-2 Master holder - conventional

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MPSM1660-KH (215-1'395 mm)



MPSM1660-KH2 (215-1'395 mm)  
Double length





## HB-76 Master holder – super abrasive

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MH-SA076 (76-100 mm)



Stone holder: Stones holder

Guide holder: Standard MPS1680-SA guide hold

Abrasive dimension: 4.75 x 6.35 x 102 mm, unmounted



## HB-97 Master holder – super abrasive

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MH-SA093 (93-123 mm)



MH-SA095 (95-125 mm)



MH-SA125 (125-150 mm)



MH-SA150 (150-205 mm)

Stone holder: Stones holder

Guide holder: Standard MPS1680-SA guide hold

Abrasive dimension: 4.75 x 6.35 x 102 mm, unmounted



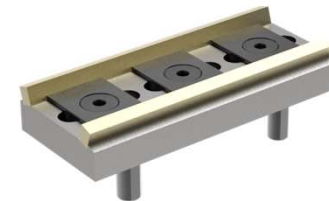
## HB-195, HB-195-SL / HB-450-2 Master holder – super abrasive

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SA-MPSM1660 (215-1'395 mm)



SA-MPSM1660OG (215-1'395 mm)



Stone holder: Stones holder

Guide holder: Standard MPS1680-SA guide hold

or Guide holder: Stones holder

Abrasive dimension: 4.75 x 6.35 x 102 mm, unmounted

SA-MPS1680 (215-1'395 mm)







## Master holder – last but not least

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It is very important that this should be a last option, as this option opens doors for competitors.





# NEW HB catalog



\*No print / only digital - See [Sharefile.com](https://www.sharefile.com) or [Touchway APP](#)



Abrasive update from Sunnen

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## Sol Gel Aluminum Oxide

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Task: Designed to achieve maximum stock removal

Applications: Oil and Gas Tube Honing





## Sol Gel Aluminum Oxide – Availability facts

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- Only in grit 60
- limited hardness ranges: K,M,O (upper hardness range)
- Dimensions as you need
  - For example: GC1S03O06BFRMP (1/2x1/2x4")





## Sol Gel Aluminum Oxide - Features and Benefits

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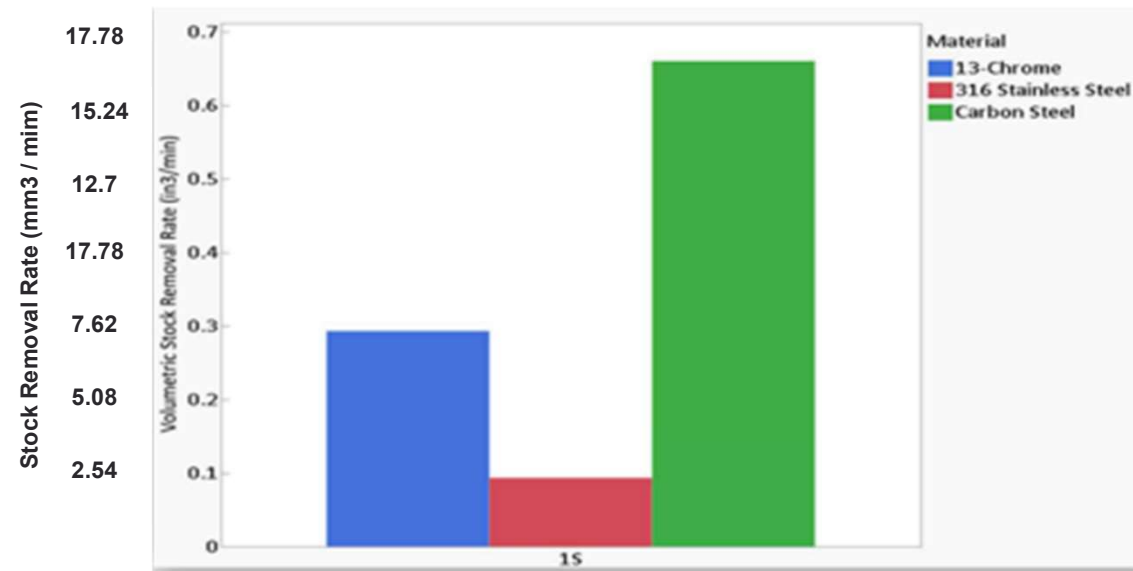
- Uniform Durability
- Extreme Hardness
- Self-sharpening
- High cut rates





## Sol Gel Aluminum Oxide – In action

Stock removal data demonstrates the Sol Gel abrasive works effective in Chrome, Stainless Steel and Carbon Steel.





## Sol Gel Aluminum Oxide – In action

1S Sol-gel aluminum oxide compared to standard A stone (A120K6V3SP)

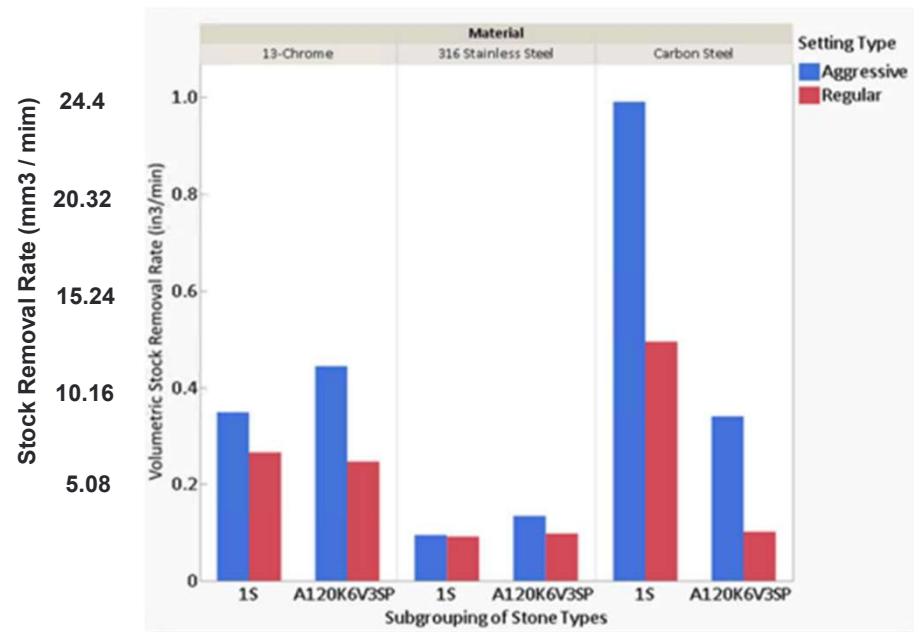
Regular Setting:

Spindle Speed: 130 U/min  
Stroke Speed: 27 m/min  
Feed Pressure: 180 PSI

Aggressive Setting:

Spindle Speed: 130 U/min  
Stroke Speed: 27 m/min  
Feed Pressure: 200 PSI

\*Tested by Sunnen USA with HTG

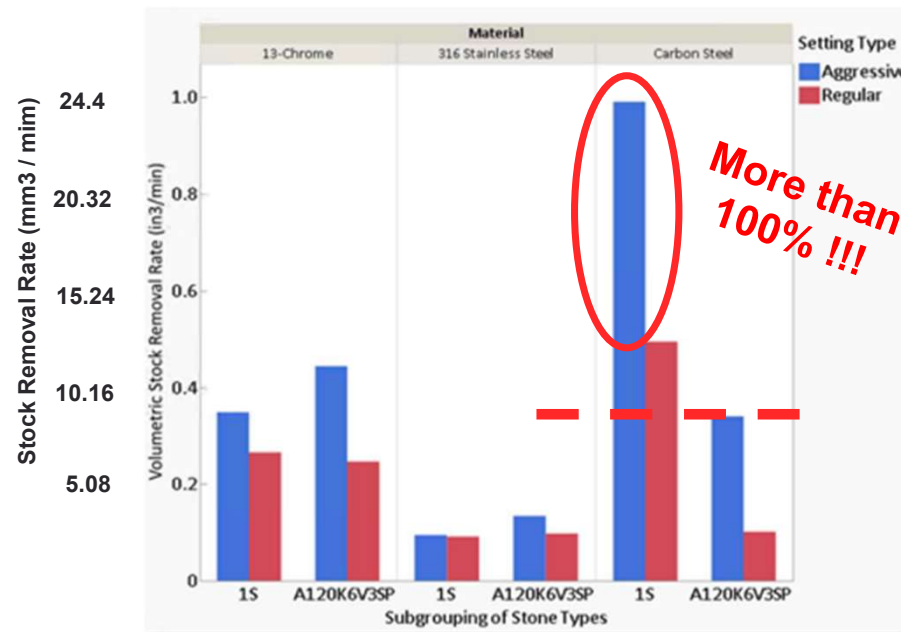






## Sol Gel Aluminum Oxide – In action

- Very effective in Carbon Steel
- But it isn't a universal weapon



**0.4 in<sup>3</sup>  
vs.  
1.0 in<sup>3</sup>**



## HES - External Hone Series

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## HES Series - a reminder of the facts

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- Built for up to 1'400 cm<sup>3</sup>/h honing
- External diameter: 50 - 450 mm
- Bar length: ≤14'000 mm  
(maximum distance between centers 14'500 mm)
- Spindle motor: 15 kW
- Stroker motor: 10 kW
- Max. part weight: 12 t





HES - External Hone

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Now see for yourselves



Thank you for your attention

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