

Drehlinge

Tool Holder Bits

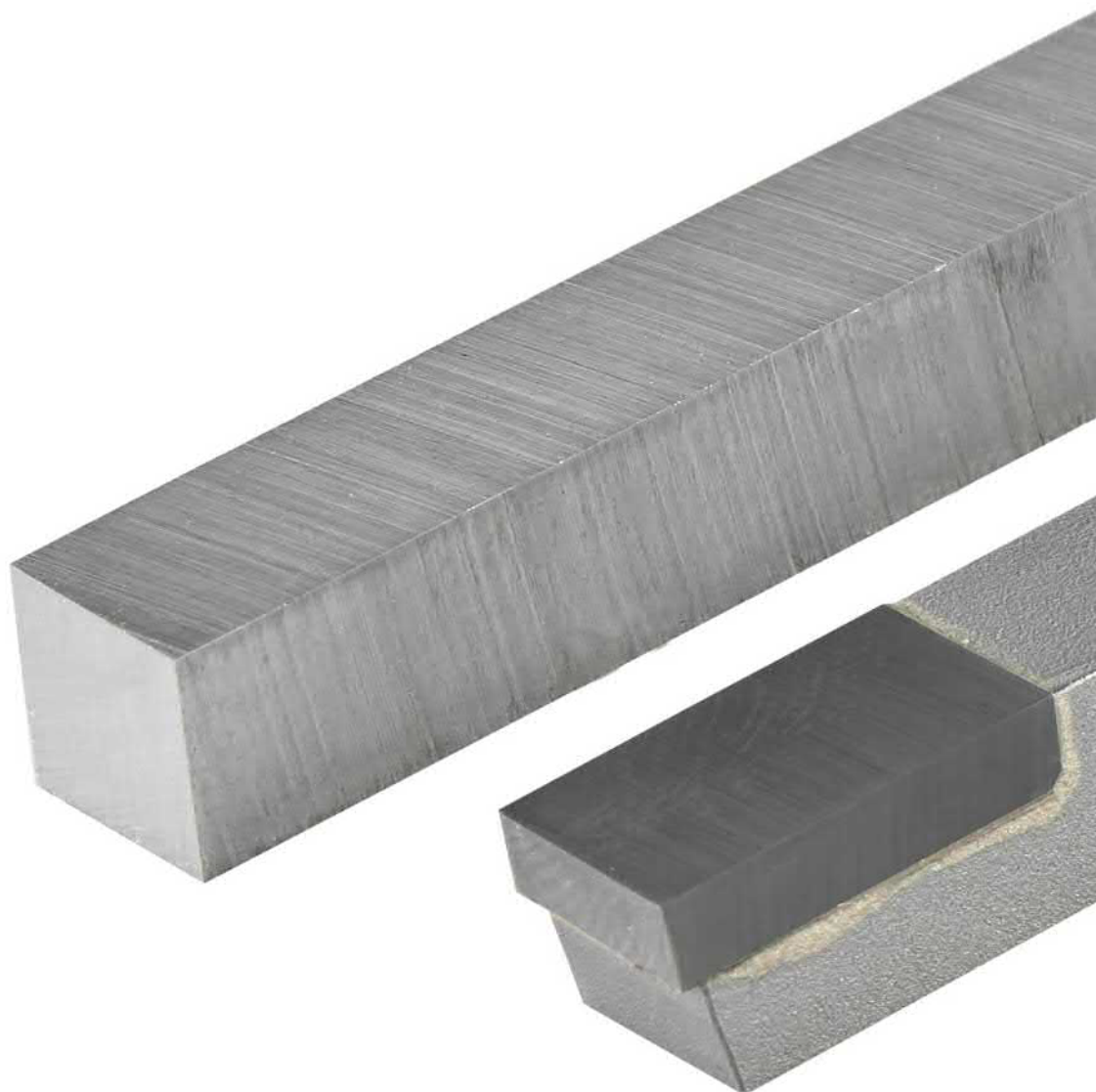
Burins de décolletage

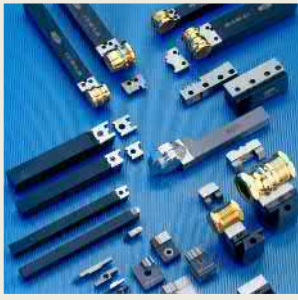


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Sehr geehrter Kunde,

Unser Spezialwissen im technischen Bereich der Drehteilefertigung ermöglicht es uns, Problemlösungen im Werkzeugbereich zu schaffen, welche außerhalb des üblichen Standards liegen. Wir sind überzeugt, dass vor allem die qualitative Leistung den Erfolg und die Stabilität eines Unternehmens im Wesentlichen beeinflusst.

Deshalb sehen wir unsere Aufgabe in der ständigen Neuorientierung der qualitativen und produktiven Anforderungen, mit welchen sich unsere Kunden auseinandersetzen müssen. Die Zielsetzung unserer Firma ist es, die Kunden durch die optimale Lösung ihrer fertigungstechnischen Probleme zum Erfolg zu verhelfen.

Dear user,

Our special knowledge in the technically advanced field of producing turned parts enables us to produce tooling solutions which are beyond typical standards. We are convinced that quality is the most important factor for the future prospects of every company in that market. This is why we are always searching for new solutions to solve new problems of our customers. It is our aim to help our customers succeed in their market through supplying best solutions for their manufacturing problems.

Cher utilisateur,

Nos spéciales expériences dans le domaine technique de la fabrication des pièces tournées nous permet de fournir des solutions aux problèmes dans le domaine de l'outil, qui se trouvent en dehors des normes habituelles. Nous pensons que, en particulier la performance qualitative affecte le succès et la stabilité d'une société essentiellement, et nous voyons notre tâche dans la réorientation continue des besoins qualitatifs et productifs dont nos clients ont besoin. L'objectif de notre société est d'aider les clients à trouver la solution optimale de ses problèmes techniques.

Stand/Version 03/2016

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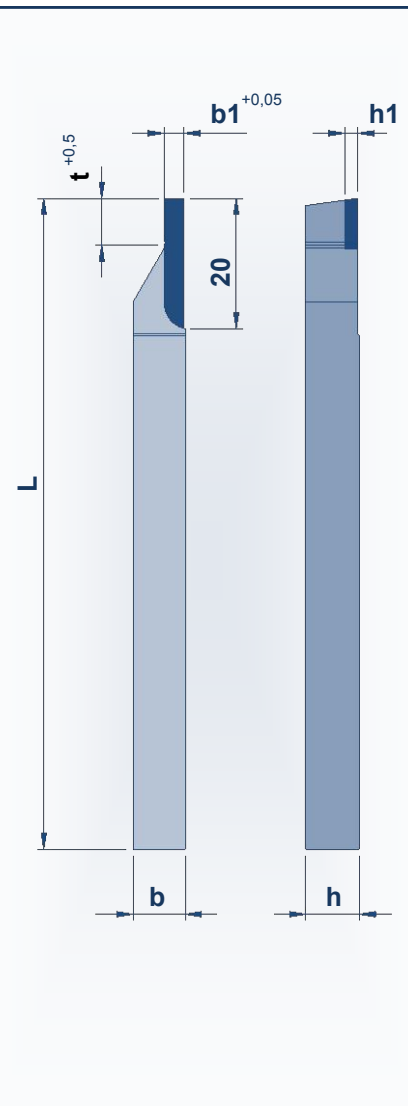
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Ausführung: Schaft ungeschliffen (sandgestrahlt)

Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

L = Linksausführung
L = left hand execution
L = version à gauche



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | t | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|-----|-----|-----|--|---|
| 146664 | P2-L 197-0606-1.0 | 6.0 | 6.0 | 130 | 1.0 | 2.8 | 4.5 | K10 | O |
| 149978 | P2-L 197-0606-1.0 | 6.0 | 6.0 | 130 | 1.0 | 2.8 | 4.5 | FK | ? |
| 102474 | P2-L 197-0606-1.2 | 6.0 | 6.0 | 130 | 1.2 | 2.8 | 4.5 | K10 | O |
| 149979 | P2-L 197-0606-1.2 | 6.0 | 6.0 | 130 | 1.2 | 2.8 | 4.5 | FK | ? |
| 102475 | P2-L 197-0606-1.5 | 6.0 | 6.0 | 130 | 1.5 | 2.8 | 4.5 | K10 | O |
| 149980 | P2-L 197-0606-1.5 | 6.0 | 6.0 | 130 | 1.5 | 2.8 | 4.5 | FK | O |
| 149981 | P2-L 197-0707-1.0 | 7.0 | 7.0 | 140 | 1.0 | 3 | 5 | K10 | O |
| 148530 | P2-L 197-0707-1.0 | 7.0 | 7.0 | 140 | 1.0 | 3 | 5 | FK | O |
| 149982 | P2-L 197-0707-1.2 | 7.0 | 7.0 | 140 | 1.2 | 3 | 5 | K10 | O |
| 149983 | P2-L 197-0707-1.2 | 7.0 | 7.0 | 140 | 1.2 | 3 | 5 | FK | O |
| 102477 | P2-L 197-0707-1.5 | 7.0 | 7.0 | 140 | 1.5 | 3 | 5 | K10 | O |
| 102476 | P2-L 197-0707-1.5 | 7.0 | 7.0 | 140 | 1.5 | 3 | 5 | FK | O |
| 102478 | P2-L 197-0707-1.7 | 7.0 | 7.0 | 140 | 1.7 | 3 | 5 | K10 | O |
| 149984 | P2-L 197-0707-1.7 | 7.0 | 7.0 | 140 | 1.7 | 3 | 5 | FK | O |
| 149985 | P2-L 197-0707-1.8 | 7.0 | 7.0 | 140 | 1.8 | 3 | 5 | K10 | O |
| 149986 | P2-L 197-0707-1.8 | 7.0 | 7.0 | 140 | 1.8 | 3 | 5 | FK | O |
| 102479 | P2-L 197-0707-2.0 | 7.0 | 7.0 | 140 | 2.0 | 3 | 5 | K10 | O |
| 145509 | P2-L 197-0707-2.0 | 7.0 | 7.0 | 140 | 2.0 | 3 | 5 | FK | O |
| 149987 | P2-L 197-0707-2.5 | 7.0 | 7.0 | 140 | 2.5 | 3 | 5 | K10 | O |
| 102480 | P2-L 197-0707-2.5 | 7.0 | 7.0 | 140 | 2.5 | 3 | 5 | FK | O |
| 149988 | P2-L 197-0707-3.0 | 7.0 | 7.0 | 140 | 3.0 | 3 | 5 | K10 | O |
| 149989 | P2-L 197-0707-3.0 | 7.0 | 7.0 | 140 | 3.0 | 3 | 5 | FK | O |
| 145575 | P2-L 197-0808-1.0 | 8.0 | 8.0 | 140 | 1.0 | 3 | 6 | K10 | O |
| 149990 | P2-L 197-0808-1.0 | 8.0 | 8.0 | 140 | 1.0 | 3 | 6 | FK | O |
| 144967 | P2-L 197-0808-1.2 | 8.0 | 8.0 | 140 | 1.2 | 3 | 6 | K10 | O |
| 149991 | P2-L 197-0808-1.2 | 8.0 | 8.0 | 140 | 1.2 | 3 | 6 | FK | O |
| 102482 | P2-L 197-0808-1.5 | 8.0 | 8.0 | 140 | 1.5 | 3 | 6 | K10 | O |
| 102481 | P2-L 197-0808-1.5 | 8.0 | 8.0 | 140 | 1.5 | 3 | 6 | FK | O |
| 102483 | P2-L 197-0808-1.7 | 8.0 | 8.0 | 140 | 1.7 | 3 | 6 | K10 | O |
| 149992 | P2-L 197-0808-1.7 | 8.0 | 8.0 | 140 | 1.7 | 3 | 6 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestraht)

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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | t | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|-----|----|---|--|---|
| 102485 | P2-L 197-0808-1.8 | 8.0 | 8.0 | 140 | 1.8 | 3 | 6 | K10 | O |
| 102484 | P2-L 197-0808-1.8 | 8.0 | 8.0 | 140 | 1.8 | 3 | 6 | FK | O |
| 102487 | P2-L 197-0808-2.0 | 8.0 | 8.0 | 140 | 2.0 | 3 | 6 | K10 | O |
| 102486 | P2-L 197-0808-2.0 | 8.0 | 8.0 | 140 | 2.0 | 3 | 6 | FK | O |
| 147537 | P2-L 197-0808-2.5 | 8.0 | 8.0 | 140 | 2.5 | 3 | 6 | K10 | O |
| 102488 | P2-L 197-0808-2.5 | 8.0 | 8.0 | 140 | 2.5 | 3 | 6 | FK | O |
| 102490 | P2-L 197-0808-3.0 | 8.0 | 8.0 | 140 | 3.0 | 3 | 6 | K10 | O |
| 102489 | P2-L 197-0808-3.0 | 8.0 | 8.0 | 140 | 3.0 | 3 | 6 | FK | O |
| 145577 | P2-L 197-0808-4.0 | 8.0 | 8.0 | 140 | 4.0 | 3 | 6 | K10 | O |
| 102491 | P2-L 197-0808-4.0 | 8.0 | 8.0 | 140 | 4.0 | 3 | 6 | FK | O |
| 144976 | P2-L 197-0808-5.0 | 8.0 | 8.0 | 140 | 5.0 | 3 | 6 | K10 | O |
| 123154 | P2-L 197-0808-5.0 | 8.0 | 8.0 | 140 | 5.0 | 3 | 6 | FK | O |
| 153610 | P2-L 197-0808-5.5 | 8.0 | 8.0 | 140 | 5.5 | 3 | 6 | K10 | O |
| 153613 | P2-L 197-0808-5.5 | 8.0 | 8.0 | 140 | 5.5 | 3 | 6 | FK | O |
| 149993 | P2-L 197-0808-5.7 | 8.0 | 8.0 | 140 | 5.7 | 3 | 6 | K10 | O |
| 149994 | P2-L 197-0808-5.7 | 8.0 | 8.0 | 140 | 5.7 | 3 | 6 | FK | O |
| 149995 | P2-L 197-0808-5.8 | 8.0 | 8.0 | 140 | 5.8 | 3 | 6 | K10 | O |
| 149996 | P2-L 197-0808-5.8 | 8.0 | 8.0 | 140 | 5.8 | 3 | 6 | FK | O |
| 147523 | P2-L 197-0808-6.0 | 8.0 | 8.0 | 140 | 6.0 | 3 | 6 | K10 | O |
| 102492 | P2-L 197-0808-6.0 | 8.0 | 8.0 | 140 | 6.0 | 3 | 6 | FK | O |
| 146666 | P2-L 197-1010-1.0 | 10 | 10 | 150 | 1.0 | 4 | 5 | K10 | O |
| 149998 | P2-L 197-1010-1.0 | 10 | 10 | 150 | 1.0 | 4 | 5 | FK | O |
| 102493 | P2-L 197-1010-1.5 | 10 | 10 | 150 | 1.5 | 4 | 5 | K10 | O |
| 149999 | P2-L 197-1010-1.5 | 10 | 10 | 150 | 1.5 | 4 | 5 | FK | O |
| 150001 | P2-L 197-1010-1.75 | 10 | 10 | 150 | 1.1 | 4 | 5 | K10 | O |
| 150002 | P2-L 197-1010-1.75 | 10 | 10 | 150 | 1.1 | 4 | 5 | FK | O |
| 102495 | P2-L 197-1010-2.0 | 10 | 10 | 150 | 2.0 | 4 | 5 | K10 | O |
| 102494 | P2-L 197-1010-2.0 | 10 | 10 | 150 | 2.0 | 4 | 5 | FK | O |
| 102497 | P2-L 197-1010-2.5 | 10 | 10 | 150 | 2.5 | 4 | 5 | K10 | O |
| 102496 | P2-L 197-1010-2.5 | 10 | 10 | 150 | 2.5 | 4 | 5 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestrahlt)

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|--------------------------------------|--|----|----|-----|-----|----|---|--|---|
| 102499 | P2-L 197-1010-3.0 | 10 | 10 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102498 | P2-L 197-1010-3.0 | 10 | 10 | 150 | 3.0 | 4 | 6 | FK | O |
| 102501 | P2-L 197-1010-4.0 | 10 | 10 | 150 | 4.0 | 3 | 6 | K10 | O |
| 102500 | P2-L 197-1010-4.0 | 10 | 10 | 150 | 4.0 | 3 | 6 | FK | O |
| 102502 | P2-L 197-1010-5.0 | 10 | 10 | 150 | 5.0 | 3 | 6 | K10 | O |
| 150003 | P2-L 197-1010-5.0 | 10 | 10 | 150 | 5.0 | 3 | 6 | FK | O |
| 102504 | P2-L 197-1010-6.0 | 10 | 10 | 150 | 6.0 | 3 | 6 | K10 | O |
| 102503 | P2-L 197-1010-6.0 | 10 | 10 | 150 | 6.0 | 3 | 6 | FK | O |
| 150006 | P2-L 197-1212-1.0 | 12 | 12 | 150 | 1.0 | 4 | 5 | K10 | O |
| 117831 | P2-L 197-1212-1.0 | 12 | 12 | 150 | 1.0 | 4 | 5 | FK | O |
| 146802 | P2-L 197-1212-1.5 | 12 | 12 | 150 | 1.5 | 4 | 5 | K10 | O |
| 148202 | P2-L 197-1212-1.5 | 12 | 12 | 150 | 1.5 | 4 | 5 | FK | O |
| 102506 | P2-L 197-1212-2.0 | 12 | 12 | 150 | 2.0 | 4 | 5 | K10 | O |
| 102505 | P2-L 197-1212-2.0 | 12 | 12 | 150 | 2.0 | 4 | 5 | FK | O |
| 102508 | P2-L 197-1212-2.5 | 12 | 12 | 150 | 2.5 | 4 | 5 | K10 | O |
| 102507 | P2-L 197-1212-2.5 | 12 | 12 | 150 | 2.5 | 4 | 5 | FK | O |
| 102510 | P2-L 197-1212-3.0 | 12 | 12 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102509 | P2-L 197-1212-3.0 | 12 | 12 | 150 | 3.0 | 4 | 6 | FK | O |
| 118457 | P2-L 197-1212-4.0 | 12 | 12 | 150 | 4.0 | 3 | 6 | K10 | O |
| 102511 | P2-L 197-1212-4.0 | 12 | 12 | 150 | 4.0 | 3 | 6 | FK | O |
| 118442 | P2-L 197-1212-5.0 | 12 | 12 | 150 | 5.0 | 3 | 6 | K10 | O |
| 102512 | P2-L 197-1212-5.0 | 12 | 12 | 150 | 5.0 | 3 | 6 | FK | O |
| 116898 | P2-L 197-1212-6.0 | 12 | 12 | 150 | 6.0 | 3 | 6 | K10 | O |
| 147856 | P2-L 197-1212-6.0 | 12 | 12 | 150 | 6.0 | 3 | 6 | FK | O |
| 150004 | P2-L 197-1616-1.0 | 16 | 16 | 150 | 1.0 | 4 | 5 | K10 | O |
| 150005 | P2-L 197-1616-1.0 | 16 | 16 | 150 | 1.0 | 4 | 5 | FK | O |
| 150007 | P2-L 197-1616-1.2 | 16 | 16 | 150 | 1.2 | 4 | 5 | K10 | O |
| 150015 | P2-L 197-1616-1.2 | 16 | 16 | 150 | 1.2 | 4 | 5 | FK | O |
| 150008 | P2-L 197-1616-1.5 | 16 | 16 | 150 | 1.5 | 4 | 5 | K10 | O |
| 150016 | P2-L 197-1616-1.5 | 16 | 16 | 150 | 1.5 | 4 | 5 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestrahlt)

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|--------------------------------------|--|----|----|-----|------|----|---|--|---|
| 150009 | P2-L 197-1616-2.0 | 16 | 16 | 150 | 2.0 | 4 | 5 | K10 | ? |
| 150018 | P2-L 197-1616-2.0 | 16 | 16 | 150 | 2.0 | 4 | 5 | FK | O |
| 150010 | P2-L 197-1616-2.5 | 16 | 16 | 150 | 2.5 | 4 | 5 | K10 | O |
| 150019 | P2-L 197-1616-2.5 | 16 | 16 | 150 | 2.5 | 4 | 5 | FK | O |
| 150011 | P2-L 197-1616-3.0 | 16 | 16 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102513 | P2-L 197-1616-3.0 | 16 | 16 | 150 | 3.0 | 4 | 6 | FK | O |
| 150013 | P2-L 197-1616-4.0 | 16 | 16 | 150 | 4.0 | 3 | 6 | K10 | O |
| 146668 | P2-L 197-1616-4.0 | 16 | 16 | 150 | 4.0 | 3 | 6 | FK | O |
| 150013 | P2-L 197-1616-6.0 | 16 | 16 | 150 | 6.0 | 3 | 6 | K10 | O |
| 150020 | P2-L 197-1616-6.0 | 16 | 16 | 150 | 6.0 | 3 | 6 | FK | O |
| 150014 | P2-L 197-1616-8.0 | 16 | 16 | 150 | 8.0 | 4 | 6 | K10 | O |
| 150021 | P2-L 197-1616-8.0 | 16 | 16 | 150 | 8.0 | 4 | 6 | FK | O |
| 150023 | P2-L 197-1616-10.0 | 16 | 16 | 150 | 10.0 | 4 | 6 | K10 | O |
| 150022 | P2-L 197-1616-10.0 | 16 | 16 | 150 | 10.0 | 4 | 6 | FK | O |
| Rab.Gr.179 | | | | | | | | | |

Ausführung: Schaft ungeschliffen (sandgestrahlt)

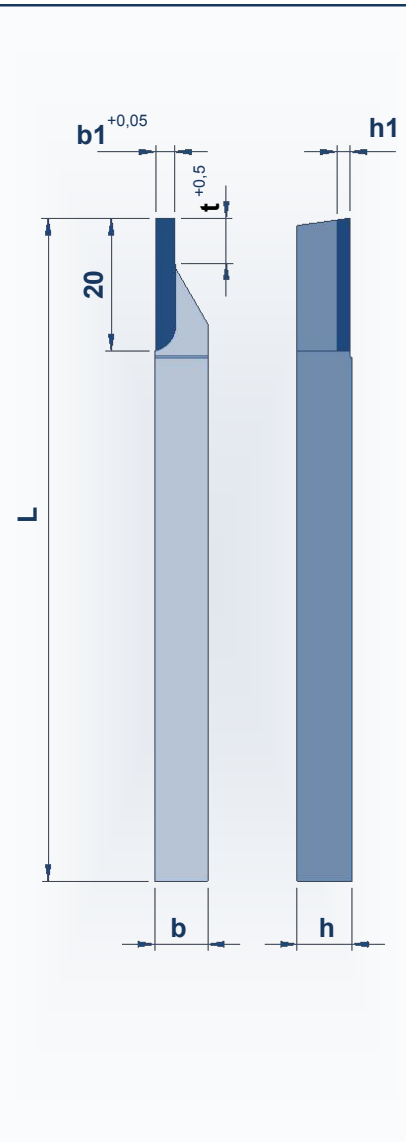
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

R= Rechtsausführung

R= right hand execution

R= version à droite



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|--------------------------------------|--|-----|-----|-----|-----|-----|-----|--|---|
| 150055 | P2-R 197-0606-1.0 | 6.0 | 6.0 | 130 | 1.0 | 2.8 | 4.5 | K10 | O |
| 150053 | P2-R 197-0606-1.0 | 6.0 | 6.0 | 130 | 1.0 | 2.8 | 4.5 | FK | ? |
| 150056 | P2-R 197-0606-1.2 | 6.0 | 6.0 | 130 | 1.2 | 2.8 | 4.5 | K10 | O |
| 150057 | P2-R 197-0606-1.2 | 6.0 | 6.0 | 130 | 1.2 | 2.8 | 4.5 | FK | ? |
| 150058 | P2-R 197-0606-1.5 | 6.0 | 6.0 | 130 | 1.5 | 2.8 | 4.5 | K10 | O |
| 150059 | P2-R 197-0606-1.5 | 6.0 | 6.0 | 130 | 1.5 | 2.8 | 4.5 | FK | O |
| 150060 | P2-R 197-0707-1.0 | 7.0 | 7.0 | 140 | 1.0 | 3 | 5 | K10 | O |
| 150061 | P2-R 197-0707-1.0 | 7.0 | 7.0 | 140 | 1.0 | 3 | 5 | FK | O |
| 150062 | P2-R 197-0707-1.2 | 7.0 | 7.0 | 140 | 1.2 | 3 | 5 | K10 | O |
| 150063 | P2-R 197-0707-1.2 | 7.0 | 7.0 | 140 | 1.2 | 3 | 5 | FK | O |
| 150064 | P2-R 197-0707-1.5 | 7.0 | 7.0 | 140 | 1.5 | 3 | 5 | K10 | O |
| 150065 | P2-R 197-0707-1.5 | 7.0 | 7.0 | 140 | 1.5 | 3 | 5 | FK | O |
| 150066 | P2-R 197-0707-1.7 | 7.0 | 7.0 | 140 | 1.7 | 3 | 5 | K10 | O |
| 150067 | P2-R 197-0707-1.7 | 7.0 | 7.0 | 140 | 1.7 | 3 | 5 | FK | O |
| 150068 | P2-R 197-0707-1.8 | 7.0 | 7.0 | 140 | 1.8 | 3 | 5 | K10 | O |
| 150069 | P2-R 197-0707-1.8 | 7.0 | 7.0 | 140 | 1.8 | 3 | 5 | FK | O |
| 150070 | P2-R 197-0707-2.0 | 7.0 | 7.0 | 140 | 2.0 | 3 | 5 | K10 | O |
| 150071 | P2-R 197-0707-2.0 | 7.0 | 7.0 | 140 | 2.0 | 3 | 5 | FK | O |
| 150072 | P2-R 197-0707-2.5 | 7.0 | 7.0 | 140 | 2.5 | 3 | 5 | K10 | O |
| 150073 | P2-R 197-0707-2.5 | 7.0 | 7.0 | 140 | 2.5 | 3 | 5 | FK | O |
| 150074 | P2-R 197-0707-3.0 | 7.0 | 7.0 | 140 | 3.0 | 3 | 5 | K10 | O |
| 150075 | P2-R 197-0707-3.0 | 7.0 | 7.0 | 140 | 3.0 | 3 | 5 | FK | O |
| 147075 | P2-R 197-0808-1.0 | 8.0 | 8.0 | 140 | 1.0 | 3 | 6 | K10 | O |
| 148074 | P2-R 197-0808-1.0 | 8.0 | 8.0 | 140 | 1.0 | 3 | 6 | FK | O |
| 150088 | P2-R 197-0808-1.2 | 8.0 | 8.0 | 140 | 1.2 | 3 | 6 | K10 | O |
| 150089 | P2-R 197-0808-1.2 | 8.0 | 8.0 | 140 | 1.2 | 3 | 6 | FK | O |
| 107256 | P2-R 197-0808-1.5 | 8.0 | 8.0 | 140 | 1.5 | 3 | 6 | K10 | O |
| 102514 | P2-R 197-0808-1.5 | 8.0 | 8.0 | 140 | 1.5 | 3 | 6 | FK | O |
| 150091 | P2-R 197-0808-1.7 | 8.0 | 8.0 | 140 | 1.7 | 3 | 6 | K10 | O |
| 150090 | P2-R 197-0808-1.7 | 8.0 | 8.0 | 140 | 1.7 | 3 | 6 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestraht)

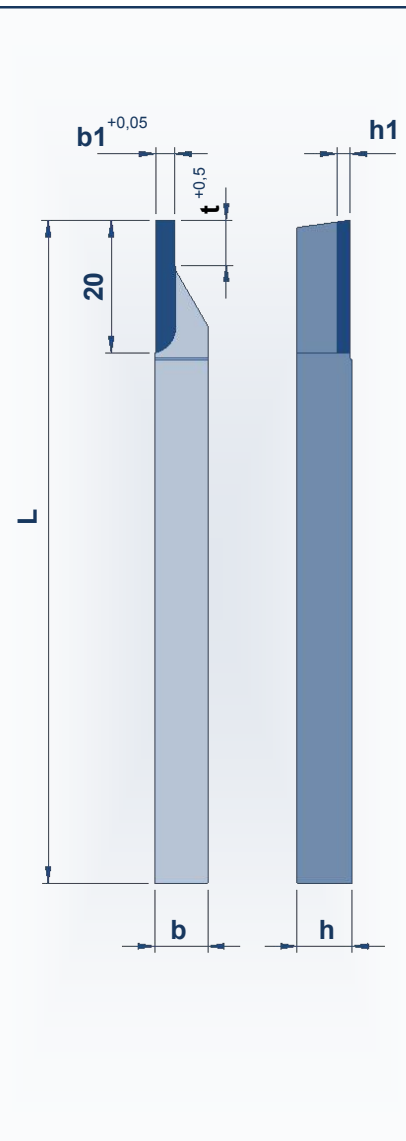
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

R= Rechtsausführung

R= right hand execution

R= version à droite



Lagerhaltig

in stock

du stock

? auf Anfrage

? on request

? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | t | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|------|----|---|--|---|
| 150092 | P2-R 197-0808-1.8 | 8.0 | 8.0 | 140 | 1.8 | 3 | 6 | K10 | O |
| 150093 | P2-R 197-0808-1.8 | 8.0 | 8.0 | 140 | 1.8 | 3 | 6 | FK | O |
| 102515 | P2-R 197-0808-2.0 | 8.0 | 8.0 | 140 | 2.0 | 3 | 6 | K10 | O |
| 148838 | P2-R 197-0808-2.0 | 8.0 | 8.0 | 140 | 2.0 | 3 | 6 | FK | O |
| 150094 | P2-R 197-0808-2.5 | 8.0 | 8.0 | 140 | 2.5 | 3 | 6 | K10 | O |
| 150155 | P2-R 197-0808-2.5 | 8.0 | 8.0 | 140 | 2.5 | 3 | 6 | FK | O |
| 150156 | P2-R 197-0808-3.0 | 8.0 | 8.0 | 140 | 3.0 | 3 | 6 | K10 | O |
| 148073 | P2-R 197-0808-3.0 | 8.0 | 8.0 | 140 | 3.0 | 3 | 6 | FK | O |
| 150157 | P2-R 197-0808-4.0 | 8.0 | 8.0 | 140 | 4.0 | 3 | 6 | K10 | O |
| 150163 | P2-R 197-0808-4.0 | 8.0 | 8.0 | 140 | 4.0 | 3 | 6 | FK | O |
| 150158 | P2-R 197-0808-5.0 | 8.0 | 8.0 | 140 | 5.0 | 3 | 6 | K10 | O |
| 150164 | P2-R 197-0808-5.0 | 8.0 | 8.0 | 140 | 5.0 | 3 | 6 | FK | O |
| 150159 | P2-R 197-0808-5.5 | 8.0 | 8.0 | 140 | 5.5 | 3 | 6 | K10 | O |
| 150165 | P2-R 197-0808-5.5 | 8.0 | 8.0 | 140 | 5.5 | 3 | 6 | FK | O |
| 150160 | P2-R 197-0808-5.7 | 8.0 | 8.0 | 140 | 5.7 | 3 | 6 | K10 | O |
| 150166 | P2-R 197-0808-5.7 | 8.0 | 8.0 | 140 | 5.7 | 3 | 6 | FK | O |
| 150161 | P2-R 197-0808-5.8 | 8.0 | 8.0 | 140 | 5.8 | 3 | 6 | K10 | O |
| 150167 | P2-R 197-0808-5.8 | 8.0 | 8.0 | 140 | 5.8 | 3 | 6 | FK | O |
| 150162 | P2-R 197-0808-6.0 | 8.0 | 8.0 | 140 | 6.0 | 3 | 6 | K10 | O |
| 150168 | P2-R 197-0808-6.0 | 8.0 | 8.0 | 140 | 6.0 | 3 | 6 | FK | O |
| 150169 | P2-R 197-1010-1.0 | 10 | 10 | 150 | 1.0 | 4 | 5 | K10 | O |
| 146667 | P2-R 197-1010-1.0 | 10 | 10 | 150 | 1.0 | 4 | 5 | FK | O |
| 102517 | P2-R 197-1010-1.5 | 10 | 10 | 150 | 1.5 | 4 | 5 | K10 | O |
| 102516 | P2-R 197-1010-1.5 | 10 | 10 | 150 | 1.5 | 4 | 5 | FK | O |
| 150170 | P2-R 197-1010-1.75 | 10 | 10 | 150 | 1.75 | 4 | 5 | K10 | O |
| 150171 | P2-R 197-1010-1.75 | 10 | 10 | 150 | 1.75 | 4 | 5 | FK | O |
| 102519 | P2-R 197-1010-2.0 | 10 | 10 | 150 | 2.0 | 4 | 5 | K10 | O |
| 102518 | P2-R 197-1010-2.0 | 10 | 10 | 150 | 2.0 | 4 | 5 | FK | O |
| 102521 | P2-R 197-1010-2.5 | 10 | 10 | 150 | 2.5 | 4 | 5 | K10 | O |
| 102520 | P2-R 197-1010-2.5 | 10 | 10 | 150 | 2.5 | 4 | 5 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestrahlt)

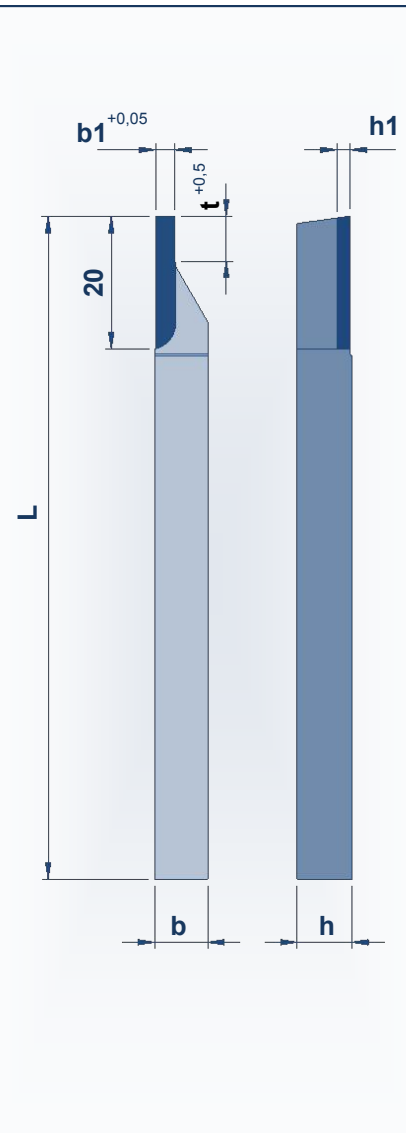
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

R= Rechtsausführung

R= right hand execution

R= version à droite



Lagerhaltig

in stock

du stock

? auf Anfrage

? on request

? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | t | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|----|-----|-----|----|---|--|---|
| 102523 | P2-R 197-1010-3.0 | 10 | 10 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102522 | P2-R 197-1010-3.0 | 10 | 10 | 150 | 3.0 | 4 | 6 | FK | O |
| 102525 | P2-R 197-1010-4.0 | 10 | 10 | 150 | 4.0 | 3 | 6 | K10 | O |
| 102524 | P2-R 197-1010-4.0 | 10 | 10 | 150 | 4.0 | 3 | 6 | FK | O |
| 102526 | P2-R 197-1010-5.0 | 10 | 10 | 150 | 5.0 | 3 | 6 | K10 | O |
| 150172 | P2-R 197-1010-5.0 | 10 | 10 | 150 | 5.0 | 3 | 6 | FK | O |
| 102528 | P2-R 197-1010-6.0 | 10 | 10 | 150 | 6.0 | 3 | 6 | K10 | O |
| 102527 | P2-R 197-1010-6.0 | 10 | 10 | 150 | 6.0 | 3 | 6 | FK | O |
| 150173 | P2-R 197-1212-1.0 | 12 | 12 | 150 | 1.0 | 4 | 5 | K10 | O |
| 150174 | P2-R 197-1212-1.0 | 12 | 12 | 150 | 1.0 | 4 | 5 | FK | O |
| 144974 | P2-R 197-1212-1.5 | 12 | 12 | 150 | 1.5 | 4 | 5 | K10 | O |
| 102529 | P2-R 197-1212-1.5 | 12 | 12 | 150 | 1.5 | 4 | 5 | FK | O |
| 102531 | P2-R 197-1212-2.0 | 12 | 12 | 150 | 2.0 | 4 | 5 | K10 | O |
| 102530 | P2-R 197-1212-2.0 | 12 | 12 | 150 | 2.0 | 4 | 5 | FK | O |
| 102533 | P2-R 197-1212-2.5 | 12 | 12 | 150 | 2.5 | 4 | 5 | K10 | O |
| 102532 | P2-R 197-1212-2.5 | 12 | 12 | 150 | 2.5 | 4 | 5 | FK | O |
| 102535 | P2-R 197-1212-3.0 | 12 | 12 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102534 | P2-R 197-1212-3.0 | 12 | 12 | 150 | 3.0 | 4 | 6 | FK | O |
| 102537 | P2-R 197-1212-4.0 | 12 | 12 | 150 | 4.0 | 3 | 6 | K10 | O |
| 102536 | P2-R 197-1212-4.0 | 12 | 12 | 150 | 4.0 | 3 | 6 | FK | O |
| 113737 | P2-R 197-1212-5.0 | 12 | 12 | 150 | 5.0 | 3 | 6 | K10 | O |
| 108659 | P2-R 197-1212-5.0 | 12 | 12 | 150 | 5.0 | 3 | 6 | FK | O |
| 113738 | P2-R 197-1212-6.0 | 12 | 12 | 150 | 6.0 | 3 | 6 | K10 | O |
| 102538 | P2-R 197-1212-6.0 | 12 | 12 | 150 | 6.0 | 3 | 6 | FK | O |
| 150183 | P2-R 197-1616-1.0 | 16 | 16 | 150 | 1.0 | 4 | 5 | K10 | O |
| 150179 | P2-R 197-1616-1.0 | 16 | 16 | 150 | 1.0 | 4 | 5 | FK | O |
| 150184 | P2-R 197-1616-1.2 | 16 | 16 | 150 | 1.2 | 4 | 5 | K10 | O |
| 150178 | P2-R 197-1616-1.2 | 16 | 16 | 150 | 1.2 | 4 | 5 | FK | O |
| 150185 | P2-R 197-1616-1.5 | 16 | 16 | 150 | 1.5 | 4 | 5 | K10 | O |
| 102539 | P2-R 197-1616-1.5 | 16 | 16 | 150 | 1.5 | 4 | 5 | FK | O |

Ausführung: Schaft ungeschliffen (sandgestrahlt)

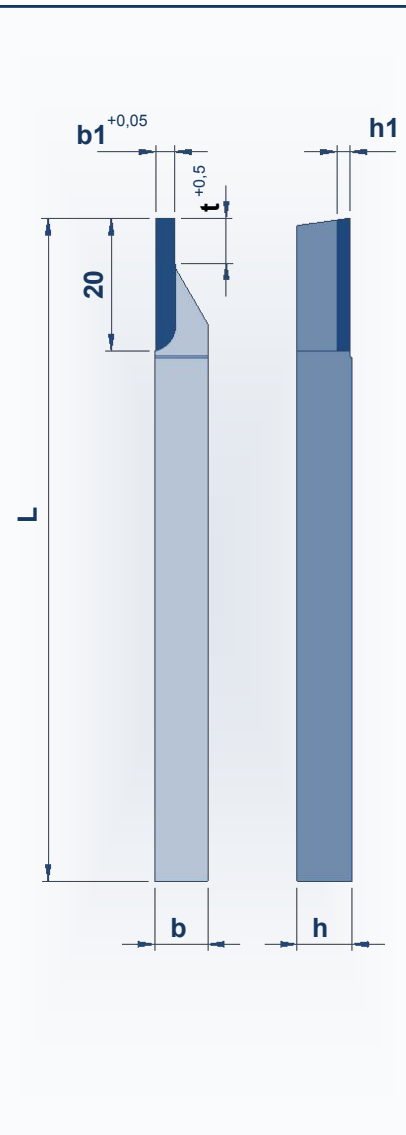
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

R= Rechtsausführung

R= right hand execution

R= version à droite



- Lagerhaltig
- in stock
- du stock

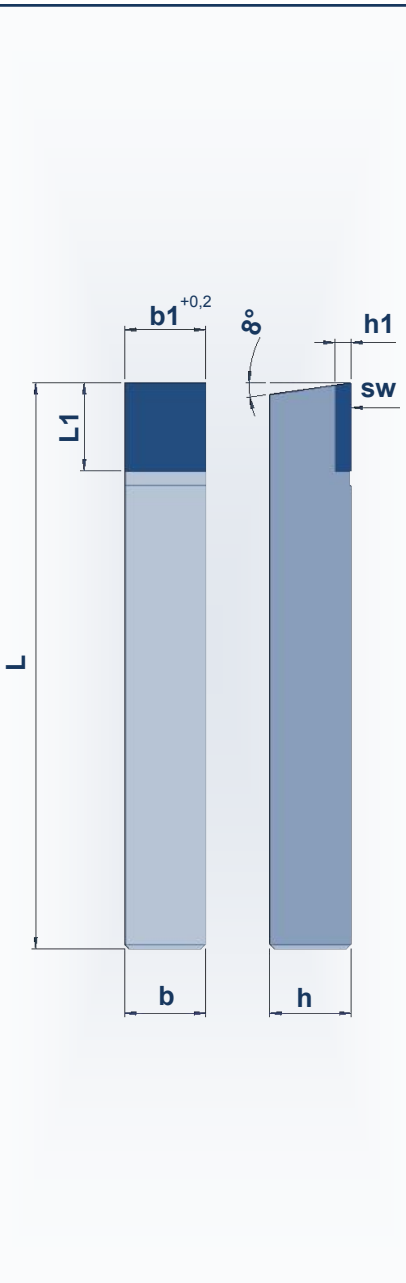
- ? auf Anfrage
- ? on request
- ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | t | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|----|-----|------|----|---|--|---|
| 150186 | P2-R 197-1616-2.0 | 16 | 16 | 150 | 2.0 | 4 | 5 | K10 | O |
| 102540 | P2-R 197-1616-2.0 | 16 | 16 | 150 | 2.0 | 4 | 5 | FK | O |
| 150187 | P2-R 197-1616-2.5 | 16 | 16 | 150 | 2.5 | 4 | 5 | K10 | O |
| 150180 | P2-R 197-1616-2.5 | 16 | 16 | 150 | 2.5 | 4 | 5 | FK | O |
| 150188 | P2-R 197-1616-3.0 | 16 | 16 | 150 | 3.0 | 4 | 6 | K10 | O |
| 102541 | P2-R 197-1616-3.0 | 16 | 16 | 150 | 3.0 | 4 | 6 | FK | O |
| 150189 | P2-R 197-1616-4.0 | 16 | 16 | 150 | 4.0 | 3 | 6 | K10 | O |
| 108785 | P2-R 197-1616-4.0 | 16 | 16 | 150 | 4.0 | 3 | 6 | K10 | O |
| 150190 | P2-R 197-1616-6.0 | 16 | 16 | 150 | 6.0 | 3 | 6 | K10 | O |
| 150182 | P2-R 197-1616-6.0 | 16 | 16 | 150 | 6.0 | 3 | 6 | FK | O |
| 149257 | P2-R 197-1616-8.0 | 16 | 16 | 150 | 8.0 | 4 | 6 | K10 | O |
| 150193 | P2-R 197-1616-8.0 | 16 | 16 | 150 | 8.0 | 4 | 6 | FK | ? |
| 150191 | P2-R 197-1616-10.0 | 16 | 16 | 150 | 10.0 | 4 | 6 | K10 | O |
| 150192 | P2-R 197-1616-10.0 | 16 | 16 | 150 | 10.0 | 4 | 6 | FK | ? |
| 148935 | P2-R 197-2020-6.0 | 20 | 20 | 150 | 6.0 | 4 | 6 | K10 | O |
| 150195 | P2-R 197-2020-6.0 | 20 | 20 | 150 | 6.0 | 4 | 6 | FK | ? |
| 148936 | P2-R 197-2020-10.0 | 20 | 20 | 150 | 10.0 | 4 | 6 | K10 | O |
| 150194 | P2-R 197-2020-10.0 | 20 | 20 | 150 | 10.0 | 4 | 6 | FK | ? |
| Rab.Gr.179 | | | | | | | | | |

Ausführung: Schaft ungeschliffen
(sandgestrahlt)

Execution: shank unground
(sandblasted)

Finition: manche non polie
(sablée)



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|-----|----|----|----|--|---|
| 102446 | P2-127S-0606-130-0° | 6.0 | 6.0 | 130 | 6.0 | 2 | 12 | 0° | K10 | O |
| 120052 | P2-127S-0606-130-0° | 6.0 | 6.0 | 130 | 6.0 | 2 | 12 | 0° | FK | O |
| 151292 | P2-127S-0707-140-0° | 7.0 | 7.0 | 140 | 7.0 | 3 | 12 | 0° | K10 | O |
| 151293 | P2-127S-0707-140-0° | 7.0 | 7.0 | 140 | 7.0 | 3 | 12 | 0° | FK | O |
| 102449 | P2-127S-0808-140-0° | 8.0 | 8.0 | 140 | 8.0 | 3 | 13 | 0° | K10 | O |
| 102448 | P2-127S-0808-140-0° | 8.0 | 8.0 | 140 | 8.0 | 3 | 13 | 0° | FK | O |
| 102452 | P2-127S-1010-150-0° | 10 | 10 | 150 | 10 | 4 | 13 | 0° | K10 | O |
| 102451 | P2-127S-1010-150-0° | 10 | 10 | 150 | 10 | 4 | 13 | 0° | FK | O |
| 102454 | P2-127S-1212-150-0° | 12 | 12 | 150 | 12 | 4 | 13 | 0° | K10 | O |
| 102453 | P2-127S-1212-150-0° | 12 | 12 | 150 | 12 | 4 | 13 | 0° | FK | O |
| 102456 | P2-127S-1414-160-0° | 14 | 14 | 160 | 14 | 4 | 13 | 0° | K10 | O |
| 102455 | P2-127S-1414-160-0° | 14 | 14 | 160 | 14 | 4 | 13 | 0° | FK | O |
| 120380 | P2-127S-1616-160-0° | 16 | 16 | 160 | 16 | 4 | 13 | 0° | K10 | O |
| 102457 | P2-127S-1616-160-0° | 16 | 16 | 160 | 16 | 4 | 13 | 0° | FK | O |
| 146945 | P2-127S-2020-150-0° | 20 | 20 | 150 | 20 | 5 | 16 | 0° | K10 | O |
| 104676 | P2-127S-2020-150-0° | 20 | 20 | 150 | 20 | 5 | 16 | 0° | FK | O |
| 120381 | P2-127S-0808-070-0° | 8.0 | 8.0 | 70 | 8.0 | 3 | 13 | 0° | K10 | O |
| 102447 | P2-127S-0808-070-0° | 8.0 | 8.0 | 70 | 8.0 | 3 | 13 | 0° | FK | O |
| 145578 | P2-127S-1010-070-0° | 10 | 10 | 70 | 10 | 4 | 13 | 0° | K10 | O |
| 102450 | P2-127S-1010-070-0° | 10 | 10 | 70 | 10 | 4 | 13 | 0° | FK | O |
| 107249 | P2-127S-1212-070-0° | 12 | 12 | 70 | 12 | 4 | 13 | 0° | K10 | O |
| 151296 | P2-127S-1212-070-0° | 12 | 12 | 70 | 12 | 4 | 13 | 0° | FK | ? |
| 120382 | P2-127S-1414-070-0° | 14 | 14 | 70 | 14 | 4 | 13 | 0° | K10 | O |
| 120383 | P2-127S-1414-070-0° | 14 | 14 | 70 | 14 | 4 | 13 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: Schaft ungeschliffen (sandgestrahlt)

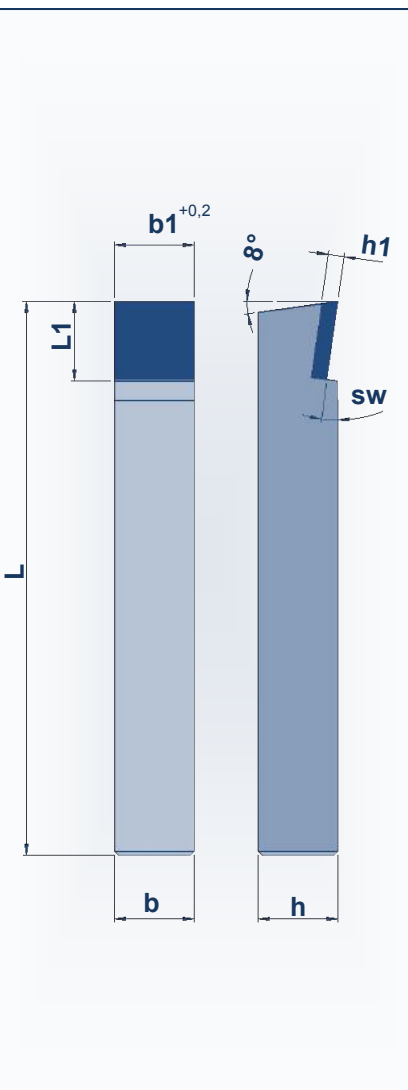
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

Kopfstähle mit Spanwinkel

Carbide tool holder bits with rake angle

Burin de décolletage pelle en carbure avec angle de coupe



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|----|-----|----|----|----|----|--|---|
| 120384 | P2-127S-1010-150-8° | 10 | 10 | 150 | 10 | 4 | 13 | 8° | K10 | O |
| 120385 | P2-127S-1010-150-8° | 10 | 10 | 150 | 10 | 4 | 13 | 8° | FK | O |
| 120386 | P2-127S-1212-150-8° | 12 | 12 | 150 | 12 | 4 | 13 | 8° | K10 | O |
| 120387 | P2-127S-1212-150-8° | 12 | 12 | 150 | 12 | 4 | 13 | 8° | FK | O |
| 120388 | P2-127S-1414-160-8° | 14 | 14 | 160 | 14 | 4 | 13 | 8° | K10 | O |
| 120389 | P2-127S-1414-160-8° | 14 | 14 | 160 | 14 | 4 | 13 | 8° | FK | O |
| 120390 | P2-127S-1616-160-8° | 16 | 16 | 160 | 16 | 4 | 13 | 8° | K10 | O |
| 102458 | P2-127S-1616-160-8° | 16 | 16 | 160 | 16 | 4 | 13 | 8° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähle P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

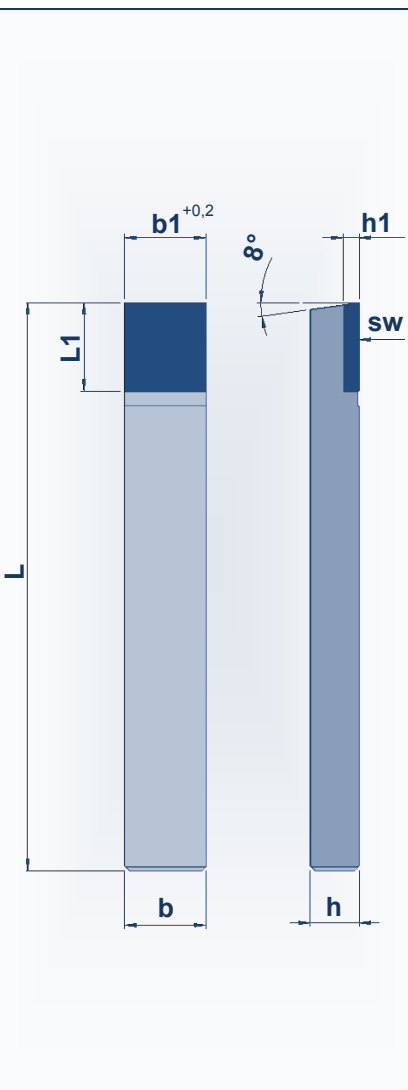
Ausführung: Schaft ungeschliffen (sandgestrahlt)

Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähle in Sonderbreiten
Carbide tool holder bits with special widths

Burin de décolletage en carbure pelle dans des largeurs spéciales



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|----|-----|----|----|----|----|--|---|
| 104570 | P2-127S-0810-070-0° | 8.0 | 10 | 70 | 3 | 10 | 12 | 0° | K10 | O |
| 120392 | P2-127S-0810-070-0° | 8.0 | 10 | 70 | 3 | 10 | 12 | 0° | FK | O |
| 104572 | P2-127S-0810-150-0° | 8.0 | 10 | 150 | 3 | 10 | 12 | 0° | K10 | O |
| 104571 | P2-127S-0810-150-0° | 8.0 | 10 | 150 | 3 | 10 | 12 | 0° | FK | O |
| 104574 | P2-127S-0812-150-0° | 8.0 | 12 | 150 | 3 | 12 | 12 | 0° | K10 | O |
| 104573 | P2-127S-0812-150-0° | 8.0 | 12 | 150 | 3 | 12 | 12 | 0° | FK | O |
| 104576 | P2-127S-0814-150-0° | 8.0 | 14 | 150 | 3 | 14 | 12 | 0° | K10 | O |
| 104575 | P2-127S-0814-150-0° | 8.0 | 14 | 150 | 3 | 14 | 12 | 0° | FK | O |
| 104578 | P2-127S-0816-150-0° | 8.0 | 16 | 150 | 3 | 16 | 12 | 0° | K10 | O |
| 104577 | P2-127S-0816-150-0° | 8.0 | 16 | 150 | 3 | 16 | 12 | 0° | FK | O |
| 104596 | P2-127S-1012-150-0° | 10 | 12 | 150 | 4 | 12 | 13 | 0° | K10 | O |
| 104595 | P2-127S-1012-150-0° | 10 | 12 | 150 | 4 | 12 | 13 | 0° | FK | O |
| 104598 | P2-127S-1014-150-0° | 10 | 14 | 150 | 4 | 14 | 13 | 0° | K10 | O |
| 104597 | P2-127S-1014-150-0° | 10 | 14 | 150 | 4 | 14 | 13 | 0° | FK | O |
| 104600 | P2-127S-1016-150-0° | 10 | 16 | 150 | 4 | 16 | 13 | 0° | K10 | O |
| 104599 | P2-127S-1016-150-0° | 10 | 16 | 150 | 4 | 16 | 13 | 0° | FK | O |
| 104602 | P2-127S-1018-150-0° | 10 | 18 | 150 | 4 | 18 | 13 | 0° | K10 | O |
| 104601 | P2-127S-1018-150-0° | 10 | 18 | 150 | 4 | 18 | 13 | 0° | FK | O |
| 104604 | P2-127S-1020-150-0° | 10 | 20 | 150 | 4 | 20 | 13 | 0° | K10 | O |
| 104603 | P2-127S-1020-150-0° | 10 | 20 | 150 | 4 | 20 | 13 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähle P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

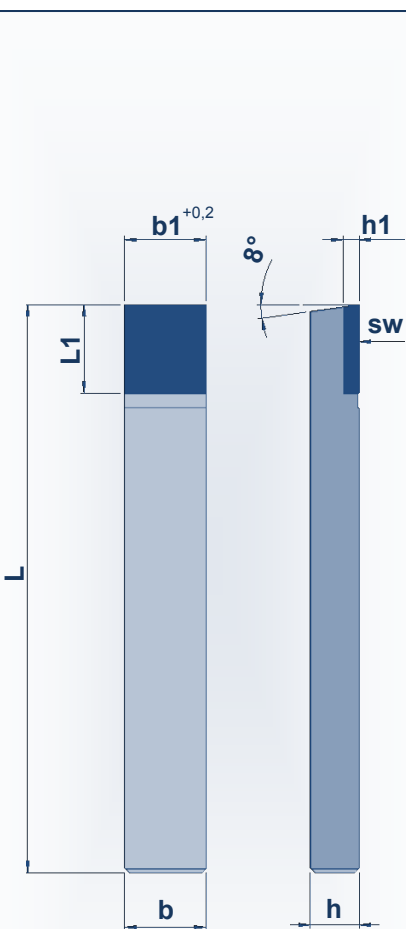
Ausführung: Schaft ungeschliffen (sandgestrahlt)

Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähle in Sonderbreiten
Carbide tool holder bits with special widths

Burin de décolletage en carbure pelle dans des largeurs spéciales



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|----|-----|----|----|----|----|--|---|
| 104617 | P2-127S-1214-150-0° | 12 | 14 | 150 | 4 | 14 | 14 | 0° | K10 | O |
| 104616 | P2-127S-1214-150-0° | 12 | 14 | 150 | 4 | 14 | 14 | 0° | FK | O |
| 104619 | P2-127S-1216-150-0° | 12 | 16 | 150 | 4 | 16 | 14 | 0° | K10 | O |
| 104618 | P2-127S-1216-150-0° | 12 | 16 | 150 | 4 | 16 | 14 | 0° | FK | O |
| 104621 | P2-127S-1218-150-0° | 12 | 18 | 150 | 4 | 18 | 14 | 0° | K10 | O |
| 104620 | P2-127S-1218-150-0° | 12 | 18 | 150 | 4 | 18 | 14 | 0° | FK | O |
| 104623 | P2-127S-1220-150-0° | 12 | 20 | 150 | 4 | 20 | 14 | 0° | K10 | O |
| 104622 | P2-127S-1220-150-0° | 12 | 20 | 150 | 4 | 20 | 14 | 0° | FK | O |
| 104625 | P2-127S-1222-150-0° | 12 | 22 | 150 | 4 | 22 | 14 | 0° | K10 | O |
| 104624 | P2-127S-1222-150-0° | 12 | 22 | 150 | 4 | 22 | 14 | 0° | FK | O |
| 104627 | P2-127S-1225-150-0° | 12 | 25 | 150 | 4 | 25 | 14 | 0° | K10 | O |
| 104626 | P2-127S-1225-150-0° | 12 | 25 | 150 | 4 | 25 | 14 | 0° | FK | O |
| 104643 | P2-127S-1416-150-0° | 14 | 16 | 150 | 4 | 16 | 14 | 0° | K10 | O |
| 104642 | P2-127S-1416-150-0° | 14 | 16 | 150 | 4 | 16 | 14 | 0° | FK | O |
| 104645 | P2-127S-1418-150-0° | 14 | 18 | 150 | 4 | 18 | 14 | 0° | K10 | O |
| 104644 | P2-127S-1418-150-0° | 14 | 18 | 150 | 4 | 18 | 14 | 0° | FK | O |
| 104647 | P2-127S-1420-150-0° | 14 | 20 | 150 | 4 | 20 | 14 | 0° | K10 | O |
| 104646 | P2-127S-1420-150-0° | 14 | 20 | 150 | 4 | 20 | 14 | 0° | FK | O |
| 104648 | P2-127S-1425-150-0° | 14 | 25 | 150 | 4 | 25 | 14 | 0° | K10 | O |
| 120397 | P2-127S-1425-150-0° | 14 | 25 | 150 | 4 | 25 | 14 | 0° | FK | O |
| 107676 | P2-127S-1430-150-0° | 14 | 30 | 150 | 4 | 30 | 14 | 0° | K10 | O |
| 120399 | P2-127S-1430-150-0° | 14 | 30 | 150 | 4 | 30 | 14 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähle P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

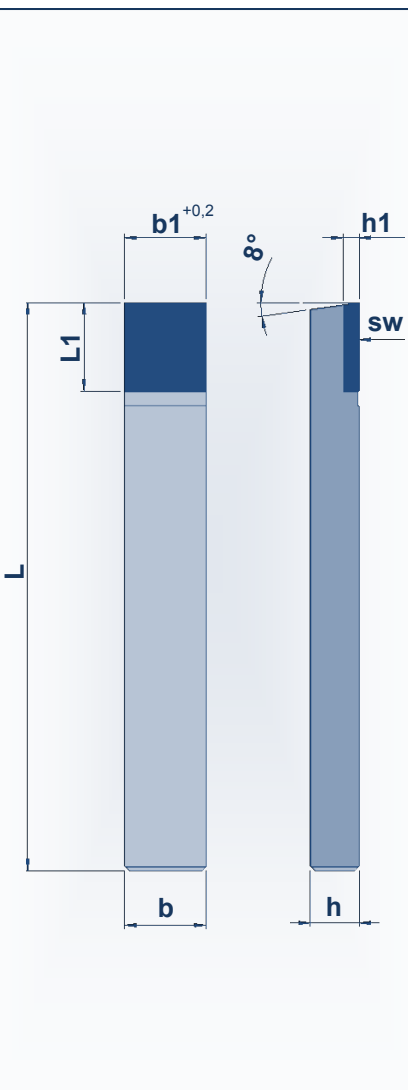
Ausführung: Schaft ungeschliffen (sandgestrahlt)

Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähle in Sonderbreiten
Carbide tool holder bits with special widths

Burin de décolletage en carbure pelle dans des largeurs spéciales



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|----|-----|----|------|----|----|--|---|
| 104665 | P2-127S-1618-150-0° | 16 | 18 | 150 | 4 | 18 | 14 | 0° | K10 | O |
| 104664 | P2-127S-1618-150-0° | 16 | 18 | 150 | 4 | 18 | 14 | 0° | FK | O |
| 104667 | P2-127S-1620-150-0° | 16 | 20 | 150 | 5 | 20 | 16 | 0° | K10 | O |
| 104666 | P2-127S-1620-150-0° | 16 | 20 | 150 | 5 | 20 | 16 | 0° | FK | O |
| 104669 | P2-127S-1625-150-0° | 16 | 25 | 150 | 5 | 25 | 16 | 0° | K10 | O |
| 104668 | P2-127S-1625-150-0° | 16 | 25 | 150 | 5 | 25 | 16 | 0° | FK | O |
| 120188 | P2-127S-1630-150-0° | 16 | 30 | 150 | 5 | 30 | 16 | 0° | K10 | O |
| 151392 | P2-127S-1630-150-0° | 16 | 30 | 150 | 5 | 30 | 16 | 0° | FK | O |
| 107690 | P2-127S-2010-150-0° | 20 | 10 | 150 | 5 | 10 | 16 | 0° | K10 | O |
| 151394 | P2-127S-2010-150-0° | 20 | 10 | 150 | 5 | 10 | 16 | 0° | FK | O |
| 107673 | P2-127S-2012-150-0° | 20 | 12 | 150 | 5 | 12 | 16 | 0° | K10 | O |
| 104674 | P2-127S-2012-150-0° | 20 | 12 | 150 | 5 | 12 | 16 | 0° | FK | O |
| 104675 | P2-127S-2016-150-0° | 20 | 16 | 150 | 5 | 16 | 16 | 0° | K10 | O |
| 151395 | P2-127S-2016-150-0° | 20 | 16 | 150 | 5 | 16 | 16 | 0° | FK | O |
| 112296 | P2-127S-2022-150-0° | 20 | 22 | 150 | 5 | 22,1 | 16 | 0° | K10 | O |
| 151396 | P2-127S-2022-150-0° | 20 | 22 | 150 | 5 | 22,1 | 16 | 0° | FK | O |
| 112295 | P2-127S-2025-150-0° | 20 | 25 | 150 | 5 | 25,1 | 16 | 0° | K10 | O |
| 151397 | P2-127S-2025-150-0° | 20 | 25 | 150 | 5 | 25,1 | 16 | 0° | FK | O |
| 151400 | P2-127S-2030-150-0° | 20 | 30 | 150 | 5 | 30 | 16 | 0° | K10 | O |
| 129432 | P2-127S-2030-150-0° | 20 | 30 | 150 | 5 | 30 | 16 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähle P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

Ausführung: Schaft ungeschliffen (sandgestrahlt)

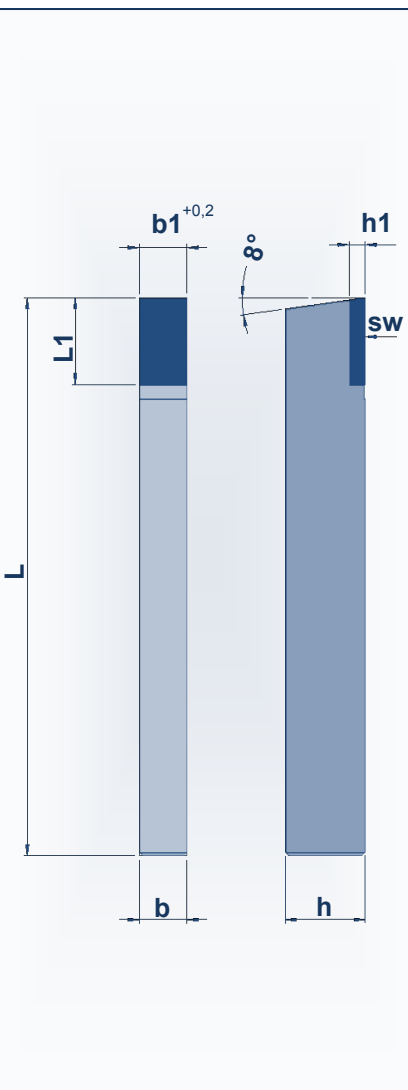
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähle

Carbide tool holder bits

Burins de décolletage en carbure pelle



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|----|------|----|----|--|---|
| 104563 | P2-127S-0806-070-0° | 8.0 | 6.0 | 70 | 3 | 6.1 | 12 | 0° | K10 | O |
| 120391 | P2-127S-0806-070-0° | 8.0 | 6.0 | 70 | 3 | 6.1 | 12 | 0° | FK | O |
| 104582 | P2-127S-1004-130-0° | 10 | 4.0 | 130 | 3 | 4.3 | 13 | 0° | K10 | O |
| 104581 | P2-127S-1004-130-0° | 10 | 4.0 | 130 | 3 | 4.3 | 13 | 0° | FK | O |
| 104585 | P2-127S-1006-150-0° | 10 | 6.0 | 150 | 3 | 6.3 | 13 | 0° | K10 | O |
| 104584 | P2-127S-1006-150-0° | 10 | 6.0 | 150 | 3 | 6.3 | 13 | 0° | FK | O |
| 104587 | P2-127S-1008-150-0° | 10 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | K10 | O |
| 104586 | P2-127S-1008-150-0° | 10 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | FK | O |
| 104606 | P2-127S-1206-150-0° | 12 | 6.0 | 150 | 4 | 6.3 | 13 | 0° | K10 | O |
| 120393 | P2-127S-1206-150-0° | 12 | 6.0 | 150 | 4 | 6.3 | 13 | 0° | FK | O |
| 104608 | P2-127S-1208-150-0° | 12 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | K10 | O |
| 104607 | P2-127S-1208-150-0° | 12 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | FK | O |
| 120394 | P2-127S-1210-150-0° | 12 | 10 | 150 | 4 | 10.1 | 14 | 0° | K10 | O |
| 109158 | P2-127S-1210-150-0° | 12 | 10 | 150 | 4 | 10.1 | 14 | 0° | FK | O |
| 104631 | P2-127S-1406-160-0° | 14 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | K10 | O |
| 104630 | P2-127S-1406-160-0° | 14 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | FK | O |
| 104633 | P2-127S-1408-150-0° | 14 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | K10 | O |
| 104632 | P2-127S-1408-150-0° | 14 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | FK | O |
| 104635 | P2-127S-1410-150-0° | 14 | 10 | 150 | 4 | 10.1 | 13 | 0° | K10 | O |
| 104634 | P2-127S-1410-150-0° | 14 | 10 | 150 | 4 | 10.1 | 13 | 0° | FK | O |
| 104637 | P2-127S-1412-150-0° | 14 | 12 | 150 | 4 | 12.1 | 13 | 0° | K10 | O |
| 104636 | P2-127S-1412-150-0° | 14 | 12 | 150 | 4 | 12.1 | 13 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähe P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

Ausführung: Schaft ungeschliffen (sandgestrahlt)

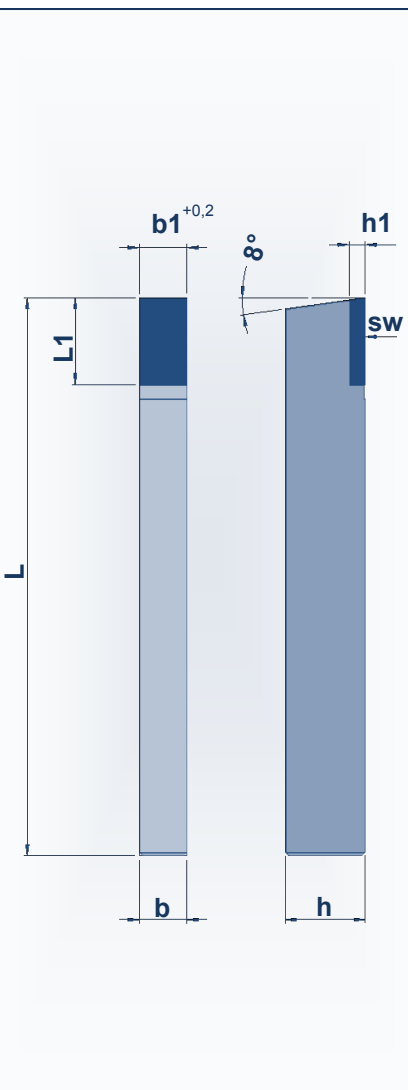
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähe

Carbide tool holder bits

Burins de décolletage en carbure pelle



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|-----|-----|----|------|----|----|--|---|
| 104650 | P2-127S-1606-160-0° | 16 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | K10 | O |
| 104649 | P2-127S-1606-160-0° | 16 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | FK | O |
| 104653 | P2-127S-1608-150-0° | 16 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | K10 | O |
| 104652 | P2-127S-1608-150-0° | 16 | 8.0 | 150 | 4 | 8.3 | 13 | 0° | FK | O |
| 104657 | P2-127S-1610-150-0° | 16 | 10 | 150 | 4 | 10.1 | 14 | 0° | K10 | O |
| 104656 | P2-127S-1610-150-0° | 16 | 10 | 150 | 4 | 10.1 | 14 | 0° | FK | O |
| 104659 | P2-127S-1612-150-0° | 16 | 12 | 150 | 4 | 12.1 | 14 | 0° | K10 | O |
| 104658 | P2-127S-1612-150-0° | 16 | 12 | 150 | 4 | 12.1 | 14 | 0° | FK | O |
| 104660 | P2-127S-1614-150-0° | 16 | 14 | 150 | 4 | 14.1 | 14 | 0° | K10 | O |
| 120400 | P2-127S-1614-150-0° | 16 | 14 | 150 | 4 | 14.1 | 14 | 0° | FK | O |
| 104673 | P2-127S-1806-160-0° | 18 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | K10 | O |
| 104672 | P2-127S-1806-160-0° | 18 | 6.0 | 160 | 4 | 6.3 | 13 | 0° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

HM-Kopfstähle P2-127S

Carbide tool holder bits P2-127S

Burins de décolletage en carbure pelle P2-127S

Ausführung: Schaft ungeschliffen (sandgestrahlt)

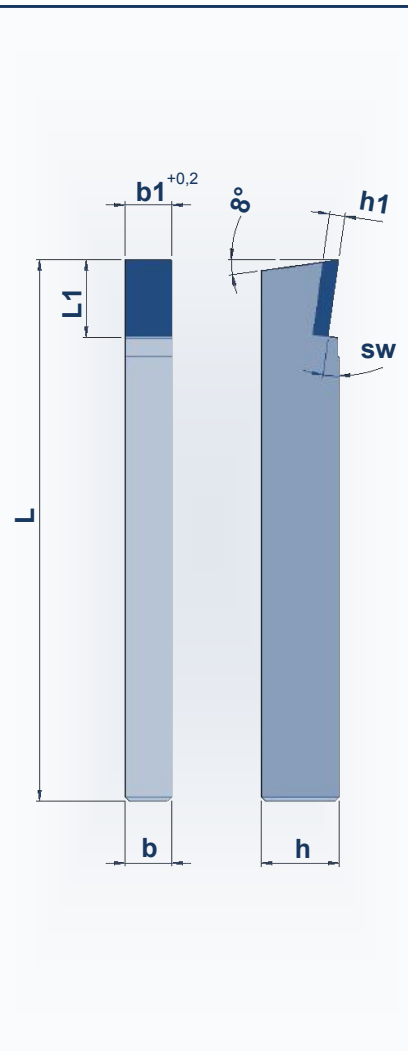
Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

HM-Kopfstähle

Carbide tool holder bits

Burins de décolletage en carbure pelle



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | h1 | b1 | L1 | sw | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|----|-----|-----|----|------|----|----|--|---|
| 104580 | P2-127S-1004-130-8° | 10 | 4.0 | 130 | 3 | 4.1 | 13 | 8° | K10 | O |
| 104579 | P2-127S-1004-130-8° | 10 | 4.0 | 130 | 3 | 4.1 | 13 | 8° | FK | O |
| 104629 | P2-127S-1406-130-8° | 14 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | K10 | O |
| 104628 | P2-127S-1406-130-8° | 14 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | FK | O |
| 120401 | P2-127S-1606-160-8° | 16 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | K10 | O |
| 120402 | P2-127S-1606-160-8° | 16 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | FK | O |
| 104651 | P2-127S-1608-150-8° | 16 | 8.0 | 15 | 4 | 8.1 | 13 | 8° | K10 | O |
| 120403 | P2-127S-1608-150-8° | 16 | 8.0 | 15 | 4 | 8.1 | 13 | 8° | FK | O |
| 104655 | P2-127S-1610-150-8° | 16 | 10 | 15 | 4 | 10.1 | 13 | 8° | K10 | O |
| 104654 | P2-127S-1610-150-8° | 16 | 10 | 15 | 4 | 10.1 | 13 | 8° | FK | O |
| 151391 | P2-127S-1612-150-8° | 16 | 12 | 150 | 4 | 12 | 14 | 8° | K10 | O |
| 135069 | P2-127S-1612-150-8° | 16 | 12 | 150 | 4 | 12 | 14 | 8° | FK | O |
| 104671 | P2-127S-1806-160-8° | 18 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | K10 | O |
| 104670 | P2-127S-1806-160-8° | 18 | 6.0 | 160 | 4 | 6.1 | 13 | 8° | FK | O |
| Rab.Gr.179 | | | | | | | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: Schaft ungeschliffen (sandgestrahlt)

Execution: shank unground (sandblasted)

Finition: manche non polie (sablée)

R= Rechtsausführung
R= right hand execution
R= version à droite



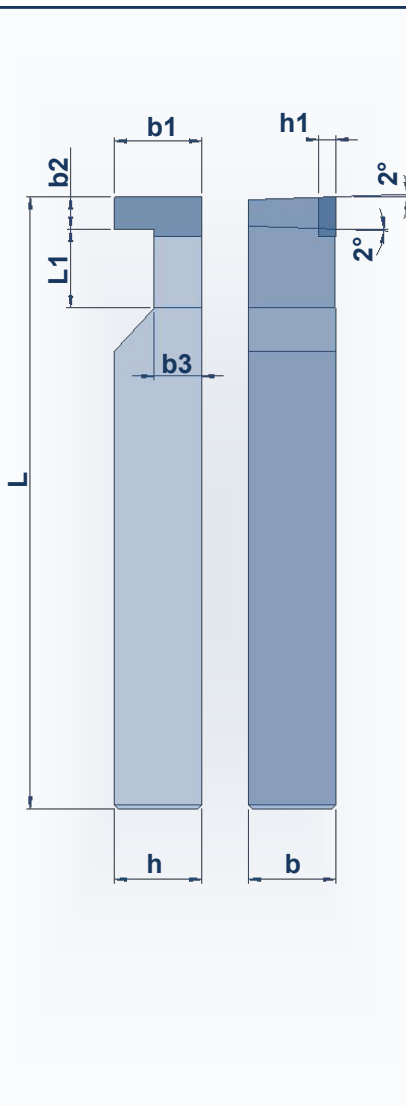
Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | h | L | b1 | h1 | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|----|-----|--|---|
| 151443 | P2-R196 0606 | 6.0 | 6.0 | 130 | 3 | 2 | K10 | O |
| 151444 | P2-R196 0606 | 6.0 | 6.0 | 130 | 3 | 2 | FK | O |
| 151445 | P2-R196 0707 | 7.0 | 7.0 | 140 | 3 | 2 | K10 | O |
| 151446 | P2-R196 0707 | 7.0 | 7.0 | 140 | 3 | 2 | FK | O |
| 102468 | P2-R196 0808 | 8.0 | 8.0 | 140 | 3 | 2 | K10 | O |
| 102467 | P2-R196 0808 | 8.0 | 8.0 | 140 | 3 | 2 | FK | O |
| 102470 | P2-R196 1010 | 10 | 10 | 150 | 4 | 2 | K10 | O |
| 102469 | P2-R196 1010 | 10 | 10 | 150 | 4 | 2 | FK | O |
| 102472 | P2-R196 1212 | 12 | 12 | 150 | 4 | 2 | K10 | O |
| 102471 | P2-R196 1212 | 12 | 12 | 150 | 4 | 2 | FK | O |
| 151448 | P2-R196 1414 | 14 | 14 | 150 | 4 | 3 | K10 | O |
| 151447 | P2-R196 1414 | 14 | 14 | 150 | 4 | 3 | FK | O |
| 151449 | P2-R196 1616 | 16 | 16 | 150 | 4 | 3.5 | K10 | O |
| 102473 | P2-R196 1616 | 16 | 16 | 150 | 4 | 3.5 | FK | O |
| Rab.Gr.179 | | | | | | | | |

Ausführung: Schaft geschliffen
Execution: Shank ground
Finition: manche polie

R= Rechtsausführung
R= right hand execution
R= version à droite

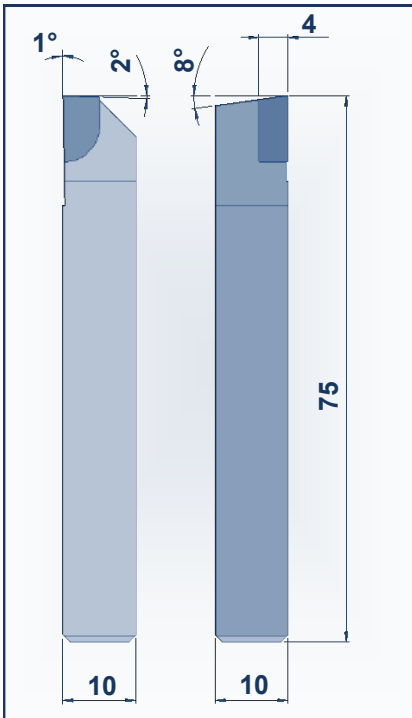


Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

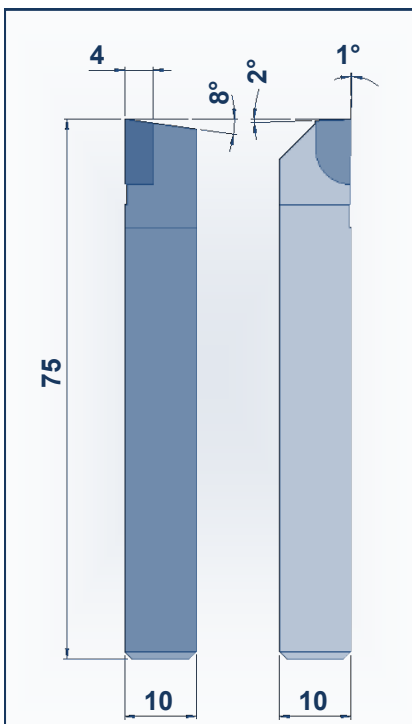
| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | b1 | b2 | b3 | L1 | h1 | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|-----|-----|----|----|----|----|----|--|---|
| 151505 | AHR-07 | 7.0 | 7.0 | 140 | 8 | 2 | 4 | 12 | 3 | K10 | O |
| | AHR-07 | 7.0 | 7.0 | 140 | 8 | 2 | 4 | 12 | 3 | K20 | ? |
| 151506 | AHR-07-4.0 | 7.0 | 7.0 | 140 | 8 | 4 | 4 | 12 | 3 | K10 | O |
| | AHR-07-4.0 | 7.0 | 7.0 | 140 | 8 | 4 | 4 | 12 | 3 | K20 | ? |
| 151507 | AHR-08 | 8.0 | 8.0 | 140 | 9 | 2 | 4 | 12 | 3 | K10 | O |
| | AHR-08 | 8.0 | 8.0 | 140 | 9 | 2 | 4 | 12 | 3 | K20 | ? |
| 100363 | AHR-10 | 10 | 10 | 140 | 11 | 3 | 6 | 12 | 3 | K10 | O |
| | AHR-10 | 10 | 10 | 140 | 11 | 3 | 6 | 12 | 3 | K20 | ? |
| 100364 | AHR-12 | 12 | 12 | 140 | 13 | 4 | 6 | 12 | 3 | K10 | O |
| | AHR-12 | 12 | 12 | 140 | 13 | 4 | 6 | 12 | 3 | K20 | ? |
| Rab.Gr.160 | | | | | | | | | | | |

R= Rechtsausführung
R= right hand execution
R= version à droite



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|--|---|
| | <i>R 194S-1010</i> | K10 | ? |
| 105876 | <i>R 194S-1010</i> | FK | O |

L = Linksausführung
L = left hand execution
L = version à gauche

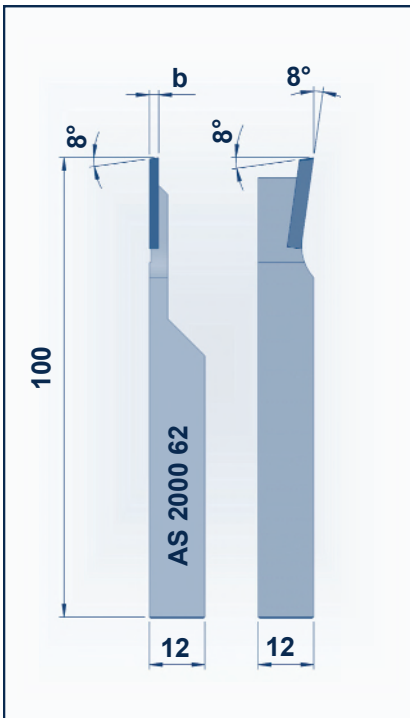


| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|--|---|
| | <i>L 194S-1010</i> | K10 | ? |
| 105875 | <i>L 194S-1010</i> | FK | O |
| Rab.Gr. 63 | | | |

Lagerhaltig
 in stock
 du stock

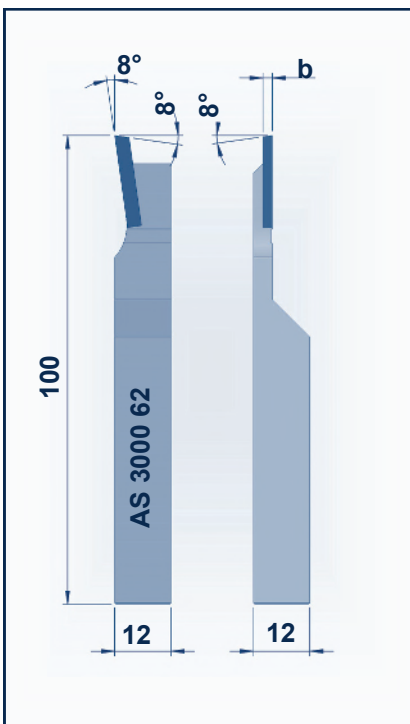
? auf Anfrage
? on request
? sur demande

Type: AS62B



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|--|---|
| 151513 | AS 2000 6214 | 1.4 | K10 | ? |
| | AS 2000 6214 | 1.4 | Ramet 1 | ? |
| 152204 | AS 2000 6216 | 1.6 | K10 | ? |
| | AS 2000 6216 | 1.6 | Ramet 1 | ? |
| 152205 | AS 2000 6218 | 1.8 | K10 | ? |
| | AS 2000 6218 | 1.8 | Ramet 1 | ? |
| 152207 | AS 2000 6220 | 2.0 | K10 | ? |
| | AS 2000 6220 | 2.0 | Ramet 1 | ? |

Type: AS62C

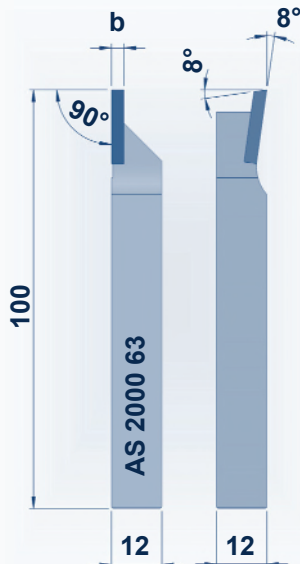


| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|-----|--|---|
| 152208 | AS 3000 6214 | 1.4 | K10 | ? |
| | AS 3000 6214 | 1.4 | Ramet 1 | ? |
| 152210 | AS 3000 6216 | 1.6 | K10 | ? |
| | AS 3000 6216 | 1.6 | Ramet 1 | ? |
| 152211 | AS 3000 6218 | 1.8 | K10 | ? |
| | AS 3000 6218 | 1.8 | Ramet 1 | ? |
| 152212 | AS 3000 6220 | 2.0 | K10 | ? |
| | AS 3000 6220 | 2.0 | Ramet 1 | ? |
| | Rab.Gr. 282 | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Type: AS63B

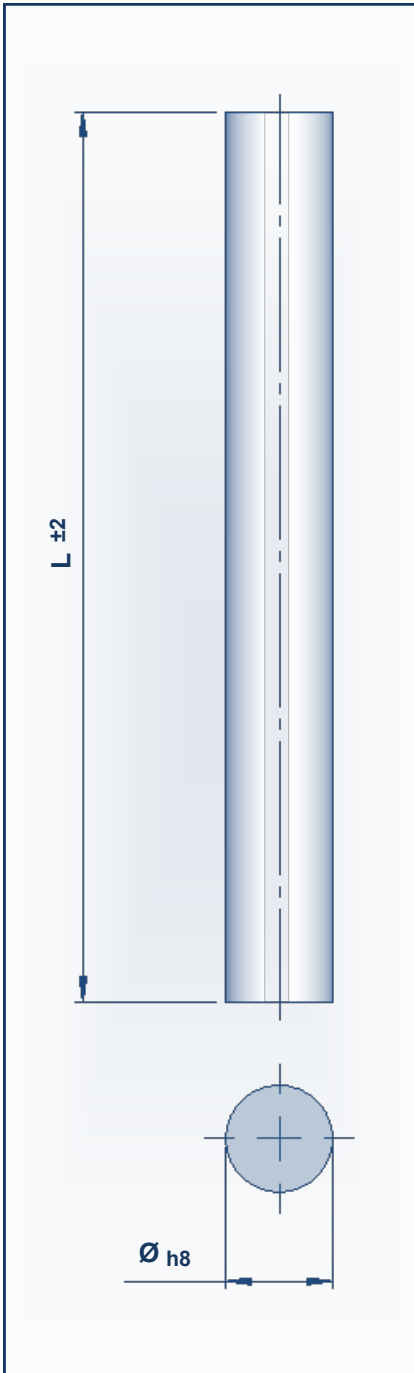


| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | HM-Sorte carbide type nuance carbure | |
|--------------------------------------|--|------|--|---|
| 152213 | AS 2000 6302 | 2.0 | K10 | ? |
| | AS 2000 6302 | 2.0 | Ramet 1 | ? |
| 152214 | AS 2000 6303 | 3.0 | K10 | ? |
| | AS 2000 6303 | 3.0 | Ramet 1 | ? |
| 152215 | AS 2000 6304 | 4.0 | K10 | ? |
| | AS 2000 6304 | 4.0 | Ramet 1 | ? |
| 152216 | AS 2000 6305 | 5.0 | K10 | ? |
| | AS 2000 6305 | 5.0 | Ramet 1 | ? |
| 152217 | AS 2000 6306 | 6.0 | K10 | ? |
| | AS 2000 6306 | 6.0 | Ramet 1 | ? |
| 152218 | AS 2000 6307 | 7.0 | K10 | ? |
| | AS 2000 6307 | 7.0 | Ramet 1 | ? |
| 152219 | AS 2000 6308 | 8.0 | K10 | ? |
| | AS 2000 6308 | 8.0 | Ramet 1 | ? |
| 152220 | AS 2000 6309 | 9.0 | K10 | ? |
| | AS 2000 6309 | 9.0 | Ramet 1 | ? |
| 152221 | AS 2000 6310 | 10.0 | K10 | ? |
| | AS 2000 6310 | 10.0 | Ramet 1 | ? |
| 152222 | AS 2000 6312 | 12.0 | K10 | ? |
| | AS 2000 6312 | 12.0 | Ramet 1 | ? |
| Rab.Gr. 282 | | | | |

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|----|-----------------------------------|---|
| 148714 | $\varnothing 2 \times 30$ | 2.0 | 30 | HSS | O |
| | $\varnothing 2 \times 30$ | 2.0 | 30 | ASP 60 | ? |
| | $\varnothing 2 \times 30$ | 2.0 | 30 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 137823 | $\varnothing 2 \times 50$ | 2.0 | 50 | HSS | O |
| | $\varnothing 2 \times 50$ | 2.0 | 50 | ASP 60 | ? |
| | $\varnothing 2 \times 50$ | 2.0 | 50 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 106477 | $\varnothing 2 \times 100$ | 2.0 | 100 | HSS | O |
| | $\varnothing 2 \times 100$ | 2.0 | 100 | ASP 60 | ? |
| | $\varnothing 2 \times 100$ | 2.0 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|-----|----|---------|---|
| 106043 | $\varnothing 2.5 \times 80$ | 2.5 | 80 | HSS | O |
| | $\varnothing 2.5 \times 80$ | 2.5 | 80 | ASP 60 | ? |
| | $\varnothing 2.5 \times 80$ | 2.5 | 80 | Tantung | ? |

| | | | | | |
|--------|------------------------------|-----|-----|---------|---|
| 106042 | $\varnothing 2.5 \times 100$ | 2.5 | 100 | HSS | O |
| | $\varnothing 2.5 \times 100$ | 2.5 | 100 | ASP 60 | ? |
| | $\varnothing 2.5 \times 100$ | 2.5 | 100 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 106635 | $\varnothing 3 \times 100$ | 3.0 | 100 | HSS | O |
| 114164 | $\varnothing 3 \times 100$ | 3.0 | 100 | ASP 60 | O |
| | $\varnothing 3 \times 100$ | 3.0 | 100 | Tantung | ? |

| | | | | | |
|--------|------------------------------|-----|-----|---------|---|
| 120753 | $\varnothing 3.5 \times 100$ | 3.5 | 100 | HSS | O |
| | $\varnothing 3.5 \times 100$ | 3.5 | 100 | ASP 60 | ? |
| | $\varnothing 3.5 \times 100$ | 3.5 | 100 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 106793 | $\varnothing 4 \times 63$ | 4.0 | 63 | HSS | O |
| | $\varnothing 4 \times 63$ | 4.0 | 63 | ASP 60 | ? |
| | $\varnothing 4 \times 63$ | 4.0 | 63 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 106794 | $\varnothing 4 \times 80$ | 4.0 | 80 | HSS | O |
| | $\varnothing 4 \times 80$ | 4.0 | 80 | ASP 60 | ? |
| | $\varnothing 4 \times 80$ | 4.0 | 80 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 106792 | $\varnothing 4 \times 100$ | 4.0 | 100 | HSS | O |
| 121109 | $\varnothing 4 \times 100$ | 4.0 | 100 | ASP 60 | O |
| | $\varnothing 4 \times 100$ | 4.0 | 100 | Tantung | ? |

Rab.Gr. 70

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----|-----------------------------------|---|
| 109109 | Ø4.3x180 | 4.3 | 180 | HSS | O |
| | Ø4.3x180 | 4.3 | 180 | ASP 60 | ? |
| | Ø4.3x180 | 4.3 | 180 | Tantung | ? |

| | | | | | |
|--------|---------|-----|----|---------|---|
| 124610 | Ø4.5x50 | 4.5 | 50 | HSS | O |
| | Ø4.5x50 | 4.5 | 50 | ASP 60 | ? |
| | Ø4.5x50 | 4.5 | 50 | Tantung | ? |

| | | | | | |
|--------|---------|-----|----|---------|---|
| 114063 | Ø4.5x63 | 4.5 | 63 | HSS | O |
| | Ø4.5x63 | 4.5 | 63 | ASP 60 | ? |
| | Ø4.5x63 | 4.5 | 63 | Tantung | ? |

| | | | | | |
|--------|----------|-----|-----|---------|---|
| 106636 | Ø4.5x100 | 4.5 | 100 | HSS | O |
| | Ø4.5x100 | 4.5 | 100 | ASP 60 | ? |
| | Ø4.5x100 | 4.5 | 100 | Tantung | ? |

| | | | | | |
|--------|----------|-----|-----|---------|---|
| 108944 | Ø4.5x125 | 4.5 | 125 | HSS | O |
| | Ø4.5x125 | 4.5 | 125 | ASP 60 | ? |
| | Ø4.5x125 | 4.5 | 125 | Tantung | ? |

| | | | | | |
|--------|-------|-----|----|---------|---|
| 116922 | Ø5x63 | 5.0 | 63 | HSS | O |
| | Ø5x63 | 5.0 | 63 | ASP 60 | ? |
| | Ø5x63 | 5.0 | 63 | Tantung | ? |

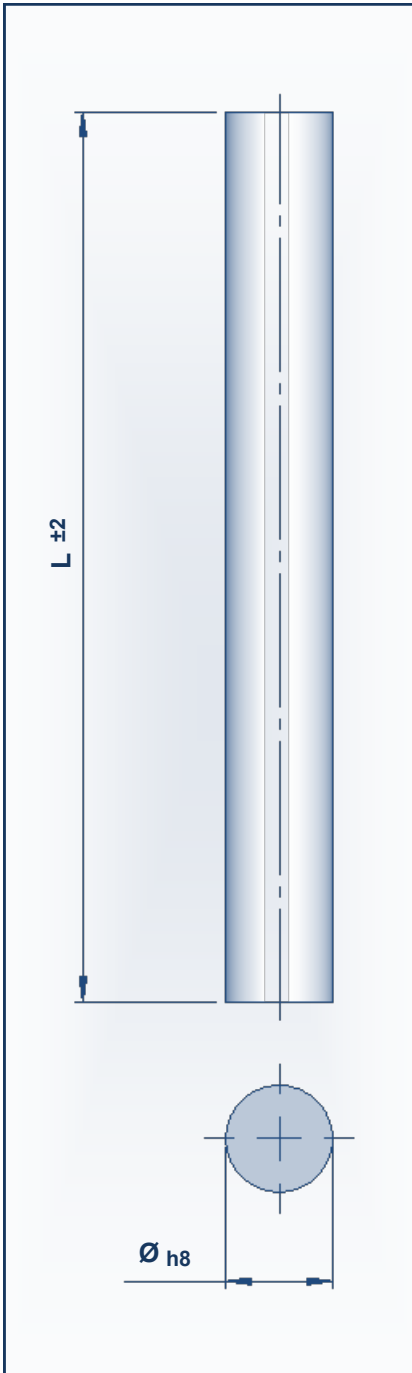
| | | | | | |
|--------|--------|-----|-----|---------|---|
| 106862 | Ø5x100 | 5.0 | 100 | HSS | O |
| 121110 | Ø5x100 | 5.0 | 100 | ASP 60 | O |
| 138592 | Ø5x100 | 5.0 | 100 | Tantung | O |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 152189 | Ø5x160 | 5.0 | 160 | HSS | O |
| 130409 | Ø5x160 | 5.0 | 160 | ASP 60 | O |
| | Ø5x160 | 5.0 | 160 | Tantung | ? |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 152190 | Ø5x200 | 5.0 | 200 | HSS | O |
| 115126 | Ø5x200 | 5.0 | 200 | ASP 60 | O |
| | Ø5x200 | 5.0 | 200 | Tantung | ? |

| | | | | | |
|--------|------------|-----|----|---------|---|
| 106891 | Ø6x63 | 6.0 | 63 | HSS | O |
| | Ø6x63 | 6.0 | 63 | ASP 60 | ? |
| | Ø6x63 | 6.0 | 63 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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|--------------------------------------|--|-----|----|-----------------------------------|---|
| 106894 | $\varnothing 6 \times 80$ | 6.0 | 80 | HSS | O |
| | $\varnothing 6 \times 80$ | 6.0 | 80 | ASP 60 | ? |
| | $\varnothing 6 \times 80$ | 6.0 | 80 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 106890 | $\varnothing 6 \times 100$ | 6.0 | 100 | HSS | O |
| 121582 | $\varnothing 6 \times 100$ | 6.0 | 100 | ASP 60 | O |
| 147676 | $\varnothing 6 \times 100$ | 6.0 | 100 | Tantung | O |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 119814 | $\varnothing 6 \times 125$ | 6.0 | 125 | HSS | O |
| | $\varnothing 6 \times 125$ | 6.0 | 125 | ASP 60 | ? |
| | $\varnothing 6 \times 125$ | 6.0 | 125 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 107162 | $\varnothing 7 \times 63$ | 7.0 | 63 | HSS | O |
| | $\varnothing 7 \times 63$ | 7.0 | 63 | ASP 60 | ? |
| | $\varnothing 7 \times 63$ | 7.0 | 63 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 107165 | $\varnothing 7 \times 80$ | 7.0 | 80 | HSS | O |
| | $\varnothing 7 \times 80$ | 7.0 | 80 | ASP 60 | ? |
| | $\varnothing 7 \times 80$ | 7.0 | 80 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 107161 | $\varnothing 7 \times 100$ | 7.0 | 100 | HSS | O |
| | $\varnothing 7 \times 100$ | 7.0 | 100 | ASP 60 | ? |
| | $\varnothing 7 \times 100$ | 7.0 | 100 | Tantung | ? |

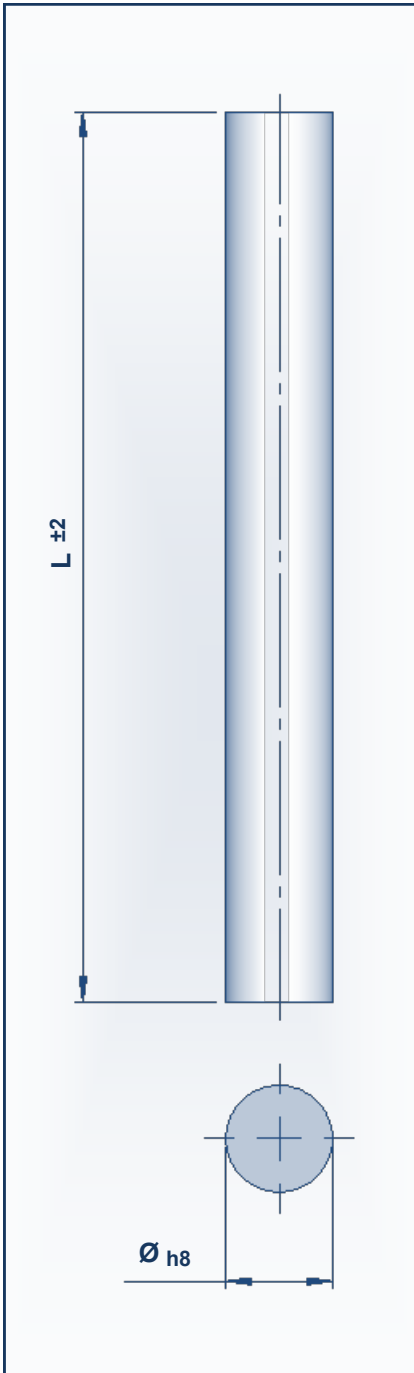
| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 111733 | $\varnothing 7 \times 200$ | 7.0 | 200 | HSS | O |
| 115125 | $\varnothing 7 \times 200$ | 7.0 | 200 | ASP 60 | O |
| | $\varnothing 7 \times 200$ | 7.0 | 200 | Tantung | ? |

| | | | | | |
|--------|------------------------------|-----|-----|---------|---|
| 132633 | $\varnothing 7.5 \times 110$ | 7.5 | 110 | HSS | O |
| | $\varnothing 7.5 \times 110$ | 7.5 | 110 | ASP 60 | ? |
| | $\varnothing 7.5 \times 110$ | 7.5 | 110 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 152191 | $\varnothing 8 \times 25$ | 8.0 | 25 | HSS | O |
| 109235 | $\varnothing 8 \times 25$ | 8.0 | 25 | ASP 60 | O |
| | $\varnothing 8 \times 25$ | 8.0 | 25 | Tantung | ? |

| | | | | | |
|--------|---------------------------|-----|----|---------|---|
| 152192 | $\varnothing 8 \times 30$ | 8.0 | 30 | HSS | O |
| 109179 | $\varnothing 8 \times 30$ | 8.0 | 30 | ASP 60 | O |
| | $\varnothing 8 \times 30$ | 8.0 | 30 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|-----|----|-----------------------------------|---|
| 152193 | Ø8x40 | 8.0 | 40 | HSS | O |
| 109180 | Ø8x40 | 8.0 | 40 | ASP 60 | O |
| | Ø8x40 | 8.0 | 40 | Tantung | ? |

| | | | | | |
|--------|-------|-----|----|---------|---|
| 152194 | Ø8x50 | 8.0 | 50 | HSS | O |
| 109181 | Ø8x50 | 8.0 | 50 | ASP 60 | O |
| | Ø8x50 | 8.0 | 50 | Tantung | ? |

| | | | | | |
|--------|-------|-----|----|---------|---|
| 107218 | Ø8x63 | 8.0 | 63 | HSS | O |
| | Ø8x63 | 8.0 | 63 | ASP 60 | ? |
| | Ø8x63 | 8.0 | 63 | Tantung | ? |

| | | | | | |
|--------|-------|-----|----|---------|---|
| 107221 | Ø8x80 | 8.0 | 80 | HSS | O |
| 109044 | Ø8x80 | 8.0 | 80 | ASP 60 | O |
| | Ø8x80 | 8.0 | 80 | Tantung | ? |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 107216 | Ø8x100 | 8.0 | 100 | HSS | O |
| 109045 | Ø8x100 | 8.0 | 100 | ASP 60 | O |
| 123410 | Ø8x100 | 8.0 | 100 | Tantung | O |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 120320 | Ø8x125 | 8.0 | 125 | HSS | O |
| 114221 | Ø8x125 | 8.0 | 125 | ASP 60 | O |
| | Ø8x125 | 8.0 | 125 | Tantung | ? |

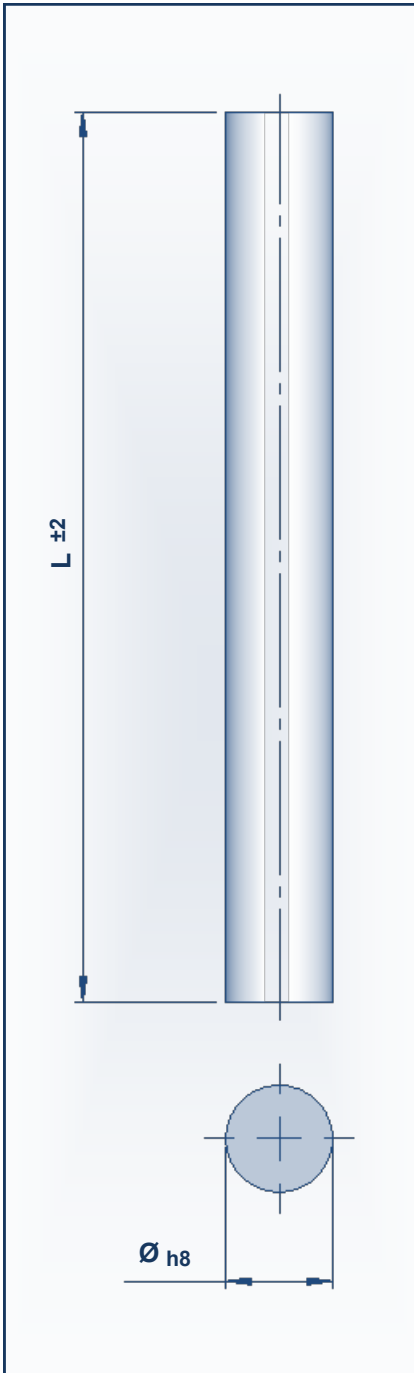
| | | | | | |
|--------|--------|-----|-----|---------|---|
| 152203 | Ø8x130 | 8.0 | 130 | HSS | O |
| 129684 | Ø8x130 | 8.0 | 130 | ASP 60 | O |
| | Ø8x130 | 8.0 | 130 | Tantung | ? |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 107217 | Ø8x160 | 8.0 | 160 | HSS | O |
| 109046 | Ø8x160 | 8.0 | 160 | ASP 60 | O |
| | Ø8x160 | 8.0 | 160 | Tantung | ? |

| | | | | | |
|--------|--------|-----|-----|---------|---|
| 152195 | Ø8x200 | 8.0 | 200 | HSS | O |
| 115937 | Ø8x200 | 8.0 | 200 | ASP 60 | O |
| | Ø8x200 | 8.0 | 200 | Tantung | ? |

| | | | | | |
|--------|------------|-----|----|---------|---|
| 107235 | Ø9x63 | 9.0 | 63 | HSS | O |
| | Ø9x63 | 9.0 | 63 | ASP 60 | ? |
| | Ø9x63 | 9.0 | 63 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|----|-----------------------------------|---|
| 107236 | $\varnothing 9 \times 80$ | 9.0 | 80 | HSS | O |
| | $\varnothing 9 \times 80$ | 9.0 | 80 | ASP 60 | ? |
| | $\varnothing 9 \times 80$ | 9.0 | 80 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 107232 | $\varnothing 9 \times 100$ | 9.0 | 100 | HSS | O |
| | $\varnothing 9 \times 100$ | 9.0 | 100 | ASP 60 | ? |
| | $\varnothing 9 \times 100$ | 9.0 | 100 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 123027 | $\varnothing 9 \times 125$ | 9.0 | 125 | HSS | O |
| | $\varnothing 9 \times 125$ | 9.0 | 125 | ASP 60 | ? |
| | $\varnothing 9 \times 125$ | 9.0 | 125 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 107233 | $\varnothing 9 \times 160$ | 9.0 | 160 | HSS | O |
| | $\varnothing 9 \times 160$ | 9.0 | 160 | ASP 60 | ? |
| | $\varnothing 9 \times 160$ | 9.0 | 160 | Tantung | ? |

| | | | | | |
|--------|----------------------------|-----|-----|---------|---|
| 107234 | $\varnothing 9 \times 200$ | 9.0 | 200 | HSS | O |
| | $\varnothing 9 \times 200$ | 9.0 | 200 | ASP 60 | ? |
| | $\varnothing 9 \times 200$ | 9.0 | 200 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 104313 | $\varnothing 10 \times 40$ | 10 | 40 | HSS | O |
| | $\varnothing 10 \times 40$ | 10 | 40 | ASP 60 | ? |
| | $\varnothing 10 \times 40$ | 10 | 40 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 104318 | $\varnothing 10 \times 63$ | 10 | 63 | HSS | O |
| | $\varnothing 10 \times 63$ | 10 | 63 | ASP 60 | ? |
| | $\varnothing 10 \times 63$ | 10 | 63 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 104321 | $\varnothing 10 \times 80$ | 10 | 80 | HSS | O |
| 147799 | $\varnothing 10 \times 80$ | 10 | 80 | ASP 60 | O |
| | $\varnothing 10 \times 80$ | 10 | 80 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 104305 | $\varnothing 10 \times 100$ | 10 | 100 | HSS | O |
| | $\varnothing 10 \times 100$ | 10 | 100 | ASP 60 | ? |
| | $\varnothing 10 \times 100$ | 10 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 152197 | $\varnothing 10 \times 125$ | 10 | 125 | HSS | O |
| 122399 | $\varnothing 10 \times 125$ | 10 | 125 | ASP 60 | O |
| | $\varnothing 10 \times 125$ | 10 | 125 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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|--------------------------------------|--|----|-----|-----------------------------------|---|
| 104312 | Ø10x160 | 10 | 160 | HSS | O |
| | Ø10x160 | 10 | 160 | ASP 60 | ? |
| | Ø10x160 | 10 | 160 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 138196 | Ø10x200 | 10 | 200 | HSS | O |
| | Ø10x200 | 10 | 200 | ASP 60 | ? |
| | Ø10x200 | 10 | 200 | Tantung | ? |

| | | | | | |
|--------|--------|----|----|---------|---|
| 104410 | Ø11x63 | 11 | 63 | HSS | O |
| | Ø11x63 | 11 | 63 | ASP 60 | ? |
| | Ø11x63 | 11 | 63 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 104409 | Ø11x100 | 11 | 100 | HSS | O |
| | Ø11x100 | 11 | 100 | ASP 60 | ? |
| | Ø11x100 | 11 | 100 | Tantung | ? |

| | | | | | |
|--------|--------|----|----|---------|---|
| 104700 | Ø12x63 | 12 | 63 | HSS | O |
| | Ø12x63 | 12 | 63 | ASP 60 | ? |
| | Ø12x63 | 12 | 63 | Tantung | ? |

| | | | | | |
|--------|--------|----|----|---------|---|
| 104704 | Ø12x80 | 12 | 80 | HSS | O |
| 111174 | Ø12x80 | 12 | 80 | ASP 60 | ? |
| | Ø12x80 | 12 | 80 | Tantung | ? |

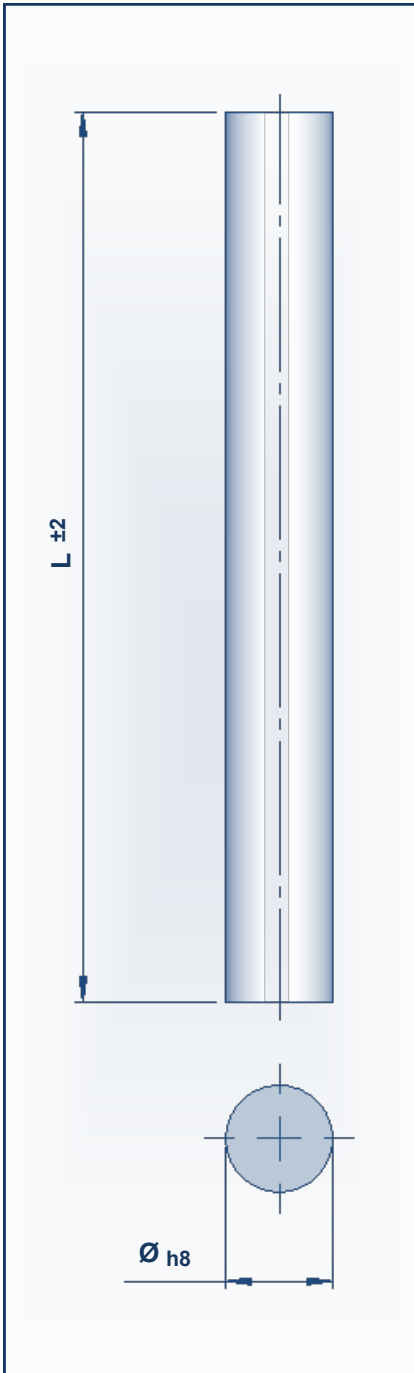
| | | | | | |
|--------|---------|----|-----|---------|---|
| 104682 | Ø12x100 | 12 | 100 | HSS | O |
| | Ø12x100 | 12 | 100 | ASP 60 | ? |
| 128085 | Ø12x100 | 12 | 100 | Tantung | O |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 123028 | Ø12x125 | 12 | 125 | HSS | O |
| 116264 | Ø12x125 | 12 | 125 | ASP 60 | O |
| | Ø12x125 | 12 | 125 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 104691 | Ø12x160 | 12 | 160 | HSS | O |
| 129788 | Ø12x160 | 12 | 160 | ASP 60 | O |
| | Ø12x160 | 12 | 160 | Tantung | ? |

| | | | | | |
|--------|------------|----|-----|---------|---|
| 104692 | Ø12x200 | 12 | 160 | HSS | O |
| | Ø12x200 | 12 | 160 | ASP 60 | ? |
| | Ø12x200 | 12 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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|--------------------------------------|--|----|----|-----------------------------------|---|
| 104797 | $\varnothing 13 \times 63$ | 13 | 63 | HSS | O |
| | $\varnothing 13 \times 63$ | 13 | 63 | ASP 60 | ? |
| | $\varnothing 13 \times 63$ | 13 | 63 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 104798 | $\varnothing 13 \times 80$ | 13 | 80 | HSS | O |
| | $\varnothing 13 \times 80$ | 13 | 80 | ASP 60 | ? |
| | $\varnothing 13 \times 80$ | 13 | 80 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 104796 | $\varnothing 13 \times 100$ | 13 | 100 | HSS | O |
| | $\varnothing 13 \times 100$ | 13 | 100 | ASP 60 | ? |
| | $\varnothing 13 \times 100$ | 13 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 132639 | $\varnothing 13 \times 200$ | 13 | 100 | HSS | O |
| | $\varnothing 13 \times 200$ | 13 | 100 | ASP 60 | ? |
| | $\varnothing 13 \times 200$ | 13 | 100 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 105016 | $\varnothing 14 \times 63$ | 14 | 63 | HSS | O |
| | $\varnothing 14 \times 63$ | 14 | 63 | ASP 60 | ? |
| | $\varnothing 14 \times 63$ | 14 | 63 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 105019 | $\varnothing 14 \times 80$ | 14 | 80 | HSS | O |
| | $\varnothing 14 \times 80$ | 14 | 80 | ASP 60 | ? |
| | $\varnothing 14 \times 80$ | 14 | 80 | Tantung | ? |

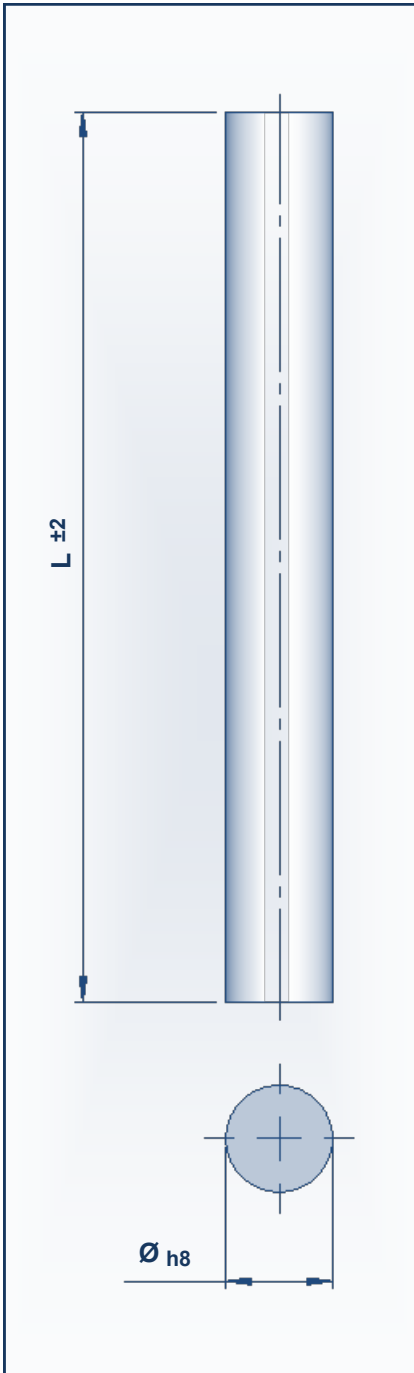
| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105007 | $\varnothing 14 \times 100$ | 14 | 100 | HSS | O |
| 110994 | $\varnothing 14 \times 100$ | 14 | 100 | ASP 60 | O |
| | $\varnothing 14 \times 100$ | 14 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 127282 | $\varnothing 14 \times 150$ | 14 | 150 | HSS | O |
| | $\varnothing 14 \times 150$ | 14 | 150 | ASP 60 | ? |
| | $\varnothing 14 \times 150$ | 14 | 150 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 127972 | $\varnothing 14 \times 160$ | 14 | 160 | HSS | O |
| | $\varnothing 14 \times 160$ | 14 | 160 | ASP 60 | ? |
| | $\varnothing 14 \times 160$ | 14 | 160 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105015 | $\varnothing 14 \times 200$ | 14 | 200 | HSS | O |
| | $\varnothing 14 \times 200$ | 14 | 200 | ASP 60 | ? |
| | $\varnothing 14 \times 200$ | 14 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
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|--------------------------------------|--|----|----|-----------------------------------|---|
| 105095 | $\varnothing 15 \times 63$ | 15 | 63 | HSS | O |
| | $\varnothing 15 \times 63$ | 15 | 63 | ASP 60 | ? |
| | $\varnothing 15 \times 63$ | 15 | 63 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 105096 | $\varnothing 15 \times 80$ | 15 | 80 | HSS | O |
| | $\varnothing 15 \times 80$ | 15 | 80 | ASP 60 | ? |
| | $\varnothing 15 \times 80$ | 15 | 80 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105093 | $\varnothing 15 \times 100$ | 15 | 100 | HSS | O |
| | $\varnothing 15 \times 100$ | 15 | 100 | ASP 60 | ? |
| | $\varnothing 15 \times 100$ | 15 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 152198 | $\varnothing 15 \times 125$ | 15 | 125 | HSS | O |
| | $\varnothing 15 \times 125$ | 15 | 125 | ASP 60 | ? |
| 128086 | $\varnothing 15 \times 125$ | 15 | 125 | Tantung | O |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105094 | $\varnothing 15 \times 150$ | 15 | 150 | HSS | O |
| | $\varnothing 15 \times 150$ | 15 | 150 | ASP 60 | ? |
| | $\varnothing 15 \times 150$ | 15 | 150 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 152199 | $\varnothing 16 \times 63$ | 16 | 63 | HSS | O |
| | $\varnothing 16 \times 63$ | 16 | 63 | ASP 60 | ? |
| | $\varnothing 16 \times 63$ | 16 | 63 | Tantung | ? |

| | | | | | |
|--------|----------------------------|----|----|---------|---|
| 105489 | $\varnothing 16 \times 80$ | 16 | 80 | HSS | O |
| | $\varnothing 16 \times 80$ | 16 | 80 | ASP 60 | ? |
| | $\varnothing 16 \times 80$ | 16 | 80 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105475 | $\varnothing 16 \times 100$ | 16 | 100 | HSS | O |
| | $\varnothing 16 \times 100$ | 16 | 100 | ASP 60 | ? |
| | $\varnothing 16 \times 100$ | 16 | 100 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 105478 | $\varnothing 16 \times 125$ | 16 | 125 | HSS | O |
| | $\varnothing 16 \times 125$ | 16 | 125 | ASP 60 | ? |
| | $\varnothing 16 \times 125$ | 16 | 125 | Tantung | ? |

| | | | | | |
|--------|-----------------------------|----|-----|---------|---|
| 138197 | $\varnothing 16 \times 200$ | 16 | 200 | HSS | O |
| | $\varnothing 16 \times 200$ | 16 | 200 | ASP 60 | ? |
| | $\varnothing 16 \times 200$ | 16 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----------------------------------|---|
| 135733 | Ø17X125 | 17 | 125 | HSS | O |
| | Ø17X125 | 17 | 125 | ASP 60 | ? |
| | Ø17X125 | 17 | 125 | Tantung | ? |

| | | | | | |
|--------|--------|----|----|---------|---|
| 105859 | Ø18x63 | 18 | 63 | HSS | O |
| | Ø18x63 | 18 | 63 | ASP 60 | ? |
| | Ø18x63 | 18 | 63 | Tantung | ? |

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|--------|--------|----|----|---------|---|
| 105861 | Ø18x80 | 18 | 80 | HSS | O |
| | Ø18x80 | 18 | 80 | ASP 60 | ? |
| | Ø18x80 | 18 | 80 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 105857 | Ø18x100 | 18 | 100 | HSS | O |
| | Ø18x100 | 18 | 100 | ASP 60 | ? |
| | Ø18x100 | 18 | 100 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 107398 | Ø18x160 | 18 | 160 | HSS | O |
| | Ø18x160 | 18 | 160 | ASP 60 | ? |
| | Ø18x160 | 18 | 160 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 150421 | Ø18x200 | 18 | 200 | HSS | O |
| | Ø18x200 | 18 | 200 | ASP 60 | ? |
| | Ø18x200 | 18 | 200 | Tantung | ? |

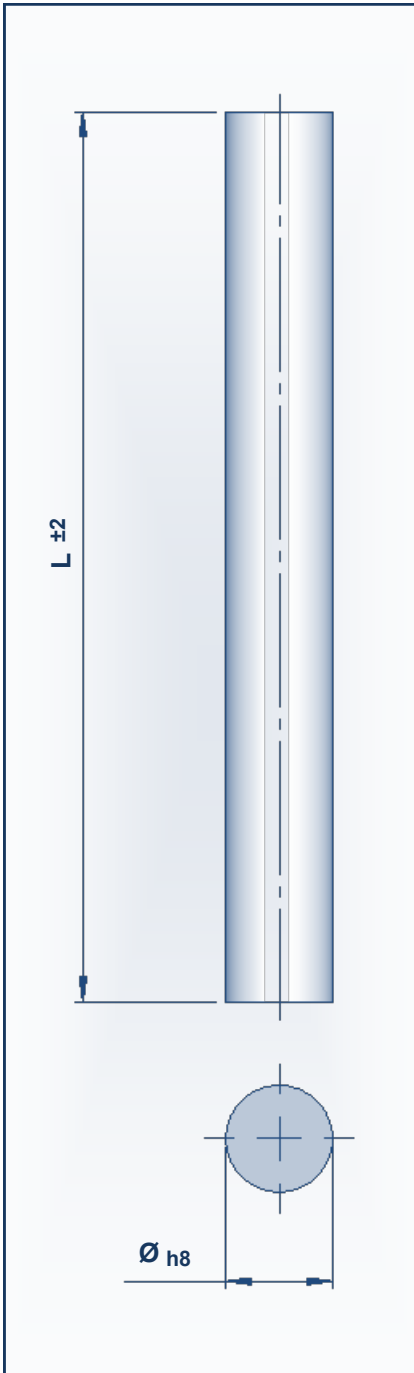
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|--------|---------|----|-----|---------|---|
| 106032 | Ø19x100 | 19 | 100 | HSS | O |
| | Ø19x100 | 19 | 100 | ASP 60 | ? |
| | Ø19x100 | 19 | 100 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 109175 | Ø19x160 | 19 | 160 | HSS | O |
| | Ø19x160 | 19 | 160 | ASP 60 | ? |
| | Ø19x160 | 19 | 160 | Tantung | ? |

| | | | | | |
|--------|--------|----|----|---------|---|
| 152200 | Ø20x80 | 20 | 80 | HSS | O |
| | Ø20x80 | 20 | 80 | ASP 60 | ? |
| | Ø20x80 | 20 | 80 | Tantung | ? |

| | | | | | |
|--------|------------|----|-----|---------|---|
| 106088 | Ø20x100 | 20 | 100 | HSS | O |
| | Ø20x100 | 20 | 100 | ASP 60 | ? |
| | Ø20x100 | 20 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----------------------------------|---|
| 106091 | Ø20x125 | 20 | 125 | HSS | O |
| | Ø20x125 | 20 | 125 | ASP 60 | ? |
| | Ø20x125 | 20 | 125 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 151043 | Ø20x200 | 20 | 200 | HSS | O |
| | Ø20x200 | 20 | 200 | ASP 60 | ? |
| | Ø20x200 | 20 | 200 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 142860 | Ø21x100 | 21 | 100 | HSS | O |
| | Ø21x100 | 21 | 100 | ASP 60 | ? |
| | Ø21x100 | 21 | 100 | Tantung | ? |

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|--------|--------|----|----|---------|---|
| 106191 | Ø22x80 | 22 | 80 | HSS | O |
| | Ø22x80 | 22 | 80 | ASP 60 | ? |
| | Ø22x80 | 22 | 80 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 152201 | Ø22x100 | 22 | 100 | HSS | O |
| | Ø22x100 | 22 | 100 | ASP 60 | ? |
| | Ø22x100 | 22 | 100 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 127379 | Ø24x200 | 24 | 200 | HSS | O |
| | Ø24x200 | 24 | 200 | ASP 60 | ? |
| | Ø24x200 | 24 | 200 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 152202 | Ø25x100 | 25 | 100 | HSS | O |
| | Ø25x100 | 25 | 100 | ASP 60 | ? |
| | Ø25x100 | 25 | 100 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 106358 | Ø25x200 | 25 | 200 | HSS | O |
| | Ø25x200 | 25 | 200 | ASP 60 | ? |
| | Ø25x200 | 25 | 200 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 146161 | Ø30x100 | 30 | 100 | HSS | O |
| | Ø30x100 | 30 | 100 | ASP 60 | ? |
| | Ø30x100 | 30 | 100 | Tantung | ? |

| | | | | | |
|--------|------------|----|-----|---------|---|
| 116969 | Ø30x200 | 30 | 200 | HSS | O |
| | Ø30x200 | 30 | 200 | ASP 60 | ? |
| | Ø30x200 | 30 | 200 | Tantung | ? |
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Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|----|-----|-----------------------------------|---|
| 146385 | Ø32x100 | 32 | 100 | HSS | O |
| | Ø32x100 | 32 | 100 | ASP 60 | ? |
| | Ø32x100 | 32 | 100 | Tantung | ? |

| | | | | | |
|--------|---------|----|-----|---------|---|
| 114821 | Ø32x200 | 32 | 200 | HSS | O |
| | Ø32x200 | 32 | 200 | ASP 60 | ? |
| | Ø32x200 | 32 | 200 | Tantung | ? |

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|--------|---------|----|-----|---------|---|
| 117757 | Ø32x250 | 32 | 250 | HSS | O |
| | Ø32x250 | 32 | 250 | ASP 60 | ? |
| | Ø32x250 | 32 | 250 | Tantung | ? |

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Rab.Gr. 70

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Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----|----|-----------------------------------|---|
| 110792 | 6x6x50 | 6.0 | 6.0 | 50 | HSS | ? |
| | 6x6x50 | 6.0 | 6.0 | 50 | ASP60 | ? |
| | 6x6x50 | 6.0 | 6.0 | 50 | Tantung | ? |

| | | | | | | |
|--------|--------|-----|-----|----|---------|---|
| 152165 | 6x6x63 | 6.0 | 6.0 | 63 | HSS | O |
| | 6x6x63 | 6.0 | 6.0 | 63 | ASP60 | ? |
| | 6x6x63 | 6.0 | 6.0 | 63 | Tantung | ? |

| | | | | | | |
|--------|--------|-----|-----|----|---------|---|
| 152166 | 6x6x80 | 6.0 | 6.0 | 80 | HSS | O |
| | 6x6x80 | 6.0 | 6.0 | 80 | ASP60 | ? |
| | 6x6x80 | 6.0 | 6.0 | 80 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151077 | 6x6x100 | 6.0 | 6.0 | 100 | HSS | O |
| | 6x6x100 | 6.0 | 6.0 | 100 | ASP60 | ? |
| | 6x6x100 | 6.0 | 6.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 152167 | 6x6x125 | 6.0 | 6.0 | 125 | HSS | O |
| | 6x6x125 | 6.0 | 6.0 | 125 | ASP60 | ? |
| | 6x6x125 | 6.0 | 6.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 106892 | 6x6x160 | 6.0 | 6.0 | 160 | HSS | O |
| | 6x6x160 | 6.0 | 6.0 | 160 | ASP60 | ? |
| | 6x6x160 | 6.0 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 106893 | 6x6x200 | 6.0 | 6.0 | 200 | HSS | O |
| 132765 | 6x6x200 | 6.0 | 6.0 | 200 | ASP60 | O |
| | 6x6x200 | 6.0 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 152168 | 7x7x100 | 7.0 | 7.0 | 100 | HSS | O |
| | 7x7x100 | 7.0 | 7.0 | 100 | ASP60 | ? |
| | 7x7x100 | 7.0 | 7.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 107163 | 7x7x160 | 7.0 | 7.0 | 160 | HSS | O |
| | 7x7x160 | 7.0 | 7.0 | 160 | ASP60 | ? |
| | 7x7x160 | 7.0 | 7.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|-----|-----|-----|---------|---|
| 107164 | 7x7x200 | 7.0 | 7.0 | 200 | HSS | O |
| | 7x7x200 | 7.0 | 7.0 | 200 | ASP60 | ? |
| | 7x7x200 | 7.0 | 7.0 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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Exécution: durcie et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----|----|-----------------------------------|---|
| 152169 | 8x8x40 | 8.0 | 8.0 | 40 | HSS | O |
| | 8x8x40 | 8.0 | 8.0 | 40 | ASP60 | ? |
| | 8x8x40 | 8.0 | 8.0 | 40 | Tantung | ? |

| | | | | | | |
|--------|--------|-----|-----|----|---------|---|
| 107225 | 8x8x63 | 8.0 | 8.0 | 63 | HSS | O |
| | 8x8x63 | 8.0 | 8.0 | 63 | ASP60 | ? |
| | 8x8x63 | 8.0 | 8.0 | 63 | Tantung | ? |

| | | | | | | |
|--------|--------|-----|-----|----|---------|---|
| 107226 | 8x8x80 | 8.0 | 8.0 | 80 | HSS | O |
| | 8x8x80 | 8.0 | 8.0 | 80 | ASP60 | ? |
| | 8x8x80 | 8.0 | 8.0 | 80 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 107222 | 8x8x100 | 8.0 | 8.0 | 100 | HSS | O |
| | 8x8x100 | 8.0 | 8.0 | 100 | ASP60 | ? |
| | 8x8x100 | 8.0 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 152170 | 8x8x125 | 8.0 | 8.0 | 125 | HSS | O |
| | 8x8x125 | 8.0 | 8.0 | 125 | ASP60 | ? |
| | 8x8x125 | 8.0 | 8.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 107223 | 8x8x160 | 8.0 | 8.0 | 160 | HSS | O |
| 122685 | 8x8x160 | 8.0 | 8.0 | 160 | ASP60 | O |
| | 8x8x160 | 8.0 | 8.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 107224 | 8x8x200 | 8.0 | 8.0 | 200 | HSS | O |
| 100601 | 8x8x200 | 8.0 | 8.0 | 200 | ASP60 | O |
| | 8x8x200 | 8.0 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 152171 | 9x9x160 | 9.0 | 9.0 | 160 | HSS | O |
| | 9x9x160 | 9.0 | 9.0 | 160 | ASP60 | ? |
| | 9x9x160 | 9.0 | 9.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 152172 | 9x9x200 | 9.0 | 9.0 | 200 | HSS | O |
| | 9x9x200 | 9.0 | 9.0 | 200 | ASP60 | ? |
| | 9x9x200 | 9.0 | 9.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|----|---------|---|
| 152173 | 10x10x40 | 10 | 10 | 40 | HSS | O |
| | 10x10x40 | 10 | 10 | 40 | ASP60 | ? |
| | 10x10x40 | 10 | 10 | 40 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|----|-----------------------------------|---|
| 115530 | 10x10x50 | 10 | 10 | 50 | HSS | O |
| | 10x10x50 | 10 | 10 | 50 | ASP60 | ? |
| | 10x10x50 | 10 | 10 | 50 | Tantung | ? |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 104310 | 10x10x63 | 10 | 10 | 63 | HSS | O |
| | 10x10x63 | 10 | 10 | 63 | ASP60 | ? |
| 123183 | 10x10x63 | 10 | 10 | 63 | Tantung | O |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 104311 | 10x10x80 | 10 | 10 | 80 | HSS | O |
| | 10x10x80 | 10 | 10 | 80 | ASP60 | ? |
| | 10x10x80 | 10 | 10 | 80 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104306 | 10x10x100 | 10 | 10 | 100 | HSS | O |
| | 10x10x100 | 10 | 10 | 100 | ASP60 | ? |
| | 10x10x100 | 10 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104307 | 10x10x125 | 10 | 10 | 125 | HSS | O |
| | 10x10x125 | 10 | 10 | 125 | ASP60 | ? |
| | 10x10x125 | 10 | 10 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150240 | 10x10x150 | 10 | 10 | 150 | HSS | O |
| | 10x10x150 | 10 | 10 | 150 | ASP60 | ? |
| 109247 | 10x10x150 | 10 | 10 | 150 | Tantung | O |

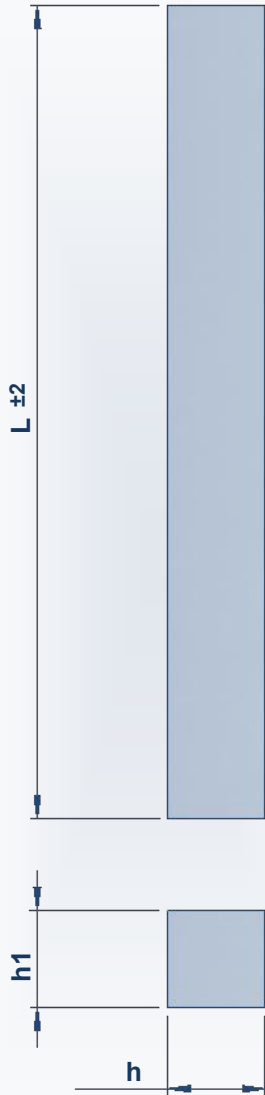
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104308 | 10x10x160 | 10 | 10 | 160 | HSS | O |
| 100600 | 10x10x160 | 10 | 10 | 160 | ASP60 | O |
| 100600 | 10x10x160 | 10 | 10 | 160 | Tantung | O |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104309 | 10x10x200 | 10 | 10 | 200 | HSS | O |
| 120317 | 10x10x200 | 10 | 10 | 200 | ASP60 | O |
| 123182 | 10x10x200 | 10 | 10 | 200 | Tantung | O |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 152174 | 12x12x40 | 12 | 12 | 40 | HSS | O |
| | 12x12x40 | 12 | 12 | 40 | ASP60 | ? |
| | 12x12x40 | 12 | 12 | 40 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|----|---------|---|
| 104689 | 12x12x63 | 12 | 12 | 63 | HSS | O |
| | 12x12x63 | 12 | 12 | 63 | ASP60 | ? |
| | 12x12x63 | 12 | 12 | 63 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|----|-----------------------------------|---|
| 104690 | 12x12x80 | 12 | 12 | 80 | HSS | O |
| | 12x12x80 | 12 | 12 | 80 | ASP60 | ? |
| | 12x12x80 | 12 | 12 | 80 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104685 | 12x12x100 | 12 | 12 | 100 | HSS | O |
| | 12x12x100 | 12 | 12 | 100 | ASP60 | ? |
| 109111 | 12x12x100 | 12 | 12 | 100 | Tantung | O |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 146898 | 12x12x115 | 12 | 12 | 115 | HSS | O |
| | 12x12x115 | 12 | 12 | 115 | ASP60 | ? |
| | 12x12x115 | 12 | 12 | 115 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104686 | 12x12x125 | 12 | 12 | 125 | HSS | O |
| | 12x12x125 | 12 | 12 | 125 | ASP60 | ? |
| | 12x12x125 | 12 | 12 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150243 | 12x12x150 | 12 | 12 | 150 | HSS | O |
| | 12x12x150 | 12 | 12 | 150 | ASP60 | ? |
| 109248 | 12x12x150 | 12 | 12 | 150 | Tantung | O |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104687 | 12x12x160 | 12 | 12 | 160 | HSS | O |
| | 12x12x160 | 12 | 12 | 160 | ASP60 | ? |
| | 12x12x160 | 12 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104688 | 12x12x200 | 12 | 12 | 200 | HSS | O |
| | 12x12x200 | 12 | 12 | 200 | ASP60 | ? |
| | 12x12x200 | 12 | 12 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 152175 | 14x14x63 | 14 | 14 | 63 | HSS | O |
| | 14x14x63 | 14 | 14 | 63 | ASP60 | ? |
| | 14x14x63 | 14 | 14 | 63 | Tantung | ? |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 152176 | 14x14x80 | 14 | 14 | 80 | HSS | O |
| | 14x14x80 | 14 | 14 | 80 | ASP60 | ? |
| | 14x14x80 | 14 | 14 | 80 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 151068 | 14x14x100 | 14 | 14 | 100 | HSS | O |
| | 14x14x100 | 14 | 14 | 100 | ASP60 | ? |
| | 14x14x100 | 14 | 14 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 152177 | 14x14x125 | 14 | 14 | 125 | HSS | O |
| | 14x14x125 | 14 | 14 | 125 | ASP60 | ? |
| | 14x14x125 | 14 | 14 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105012 | 14x14x150 | 14 | 14 | 150 | HSS | O |
| | 14x14x150 | 14 | 14 | 150 | ASP60 | ? |
| | 14x14x150 | 14 | 14 | 150 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105013 | 14x14x160 | 14 | 14 | 160 | HSS | O |
| | 14x14x160 | 14 | 14 | 160 | ASP60 | ? |
| | 14x14x160 | 14 | 14 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105014 | 14x14x200 | 14 | 14 | 200 | HSS | O |
| | 14x14x200 | 14 | 14 | 200 | ASP60 | ? |
| | 14x14x200 | 14 | 14 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------------|------|------|-----|---------|---|
| 136223 | 14.5x14.5x140 | 14.5 | 14.5 | 140 | HSS | O |
| | 14.5x14.5x140 | 14.5 | 14.5 | 140 | ASP60 | ? |
| | 14.5x14.5x140 | 14.5 | 14.5 | 140 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152178 | 16x16x100 | 16 | 16 | 100 | HSS | O |
| | 16x16x100 | 16 | 16 | 100 | ASP60 | ? |
| | 16x16x100 | 16 | 16 | 100 | Tantung | ? |

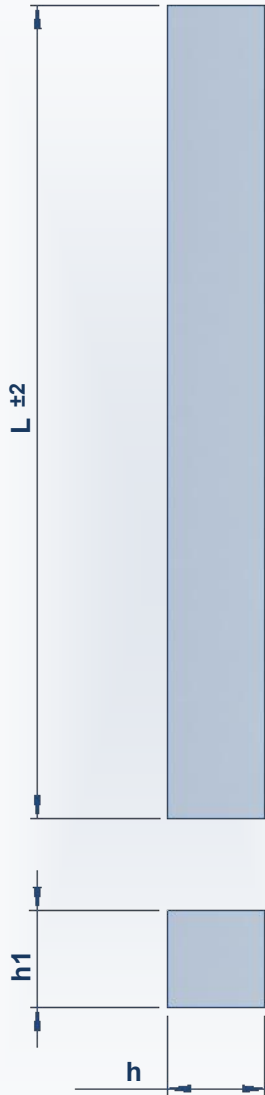
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152179 | 16x16x125 | 16 | 16 | 125 | HSS | O |
| | 16x16x125 | 16 | 16 | 125 | ASP60 | ? |
| | 16x16x125 | 16 | 16 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105482 | 16x16x160 | 16 | 16 | 160 | HSS | O |
| | 16x16x160 | 16 | 16 | 160 | ASP60 | ? |
| | 16x16x160 | 16 | 16 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152180 | 16x16x200 | 16 | 16 | 200 | HSS | O |
| | 16x16x200 | 16 | 16 | 200 | ASP60 | ? |
| | 16x16x200 | 16 | 16 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|----|---------|---|
| 152182 | 18x18x63 | 18 | 18 | 63 | HSS | O |
| | 18x18x63 | 18 | 18 | 63 | ASP60 | ? |
| | 18x18x63 | 18 | 18 | 63 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durcie et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | h1 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|----|-----------------------------------|---|
| 152183 | 18x18x80 | 18 | 18 | 80 | HSS | O |
| | 18x18x80 | 18 | 18 | 80 | ASP60 | ? |
| | 18x18x80 | 18 | 18 | 80 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152184 | 18x18x100 | 18 | 18 | 100 | HSS | O |
| | 18x18x100 | 18 | 18 | 100 | ASP60 | ? |
| | 18x18x100 | 18 | 18 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152185 | 18x18x125 | 18 | 18 | 125 | HSS | O |
| | 18x18x125 | 18 | 18 | 125 | ASP60 | ? |
| | 18x18x125 | 18 | 18 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152186 | 18x18x160 | 18 | 18 | 160 | HSS | O |
| | 18x18x160 | 18 | 18 | 160 | ASP60 | ? |
| | 18x18x160 | 18 | 18 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 152187 | 18x18x200 | 18 | 18 | 200 | HSS | O |
| | 18x18x200 | 18 | 18 | 200 | ASP60 | ? |
| | 18x18x200 | 18 | 18 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151228 | 20x20x100 | 20 | 20 | 100 | HSS | O |
| | 20x20x100 | 20 | 20 | 100 | ASP60 | ? |
| | 20x20x100 | 20 | 20 | 100 | Tantung | ? |

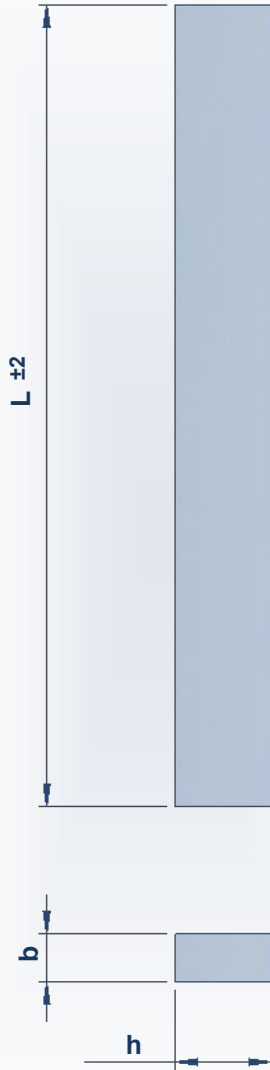
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 127665 | 20x20x160 | 20 | 20 | 160 | HSS | O |
| 143079 | 20x20x160 | 20 | 20 | 160 | ASP60 | ? |
| | 20x20x160 | 20 | 20 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151229 | 20x20x200 | 20 | 20 | 200 | HSS | O |
| | 20x20x200 | 20 | 20 | 200 | ASP60 | ? |
| | 20x20x200 | 20 | 20 | 200 | Tantung | ? |

| | | | | | | |
|--|------------------|--|--|--|--|--|
| | <i>Rabgr. 70</i> | | | | | |
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Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durcie et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|---|---|-----|-----------------------------------|---|
| 151071 | 4x8x100 | 4 | 8 | 100 | HSS | O |
| | 4x8x100 | 4 | 8 | 100 | ASP60 | ? |
| 110856 | 4x8x100 | 4 | 8 | 100 | Tantung | O |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151073 | 6x4x100 | 6.0 | 4.0 | 100 | HSS | O |
| | 6x4x100 | 6.0 | 4.0 | 100 | ASP60 | ? |
| | 6x4x100 | 6.0 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151074 | 6x4x125 | 6.0 | 4.0 | 125 | HSS | O |
| | 6x4x125 | 6.0 | 4.0 | 125 | ASP60 | ? |
| | 6x4x125 | 6.0 | 4.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151075 | 6x4x160 | 6.0 | 4.0 | 160 | HSS | O |
| | 6x4x160 | 6.0 | 4.0 | 160 | ASP60 | ? |
| | 6x4x160 | 6.0 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151076 | 6x4x200 | 6.0 | 4.0 | 200 | HSS | O |
| | 6x4x200 | 6.0 | 4.0 | 200 | ASP60 | ? |
| | 6x4x200 | 6.0 | 4.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|-----|------|-----|---------|---|
| 151078 | 6x10x100 | 6.0 | 10.0 | 100 | HSS | O |
| | 6x10x100 | 6.0 | 10.0 | 100 | ASP60 | ? |
| 112412 | 6x10x100 | 6.0 | 10.0 | 100 | Tantung | O |

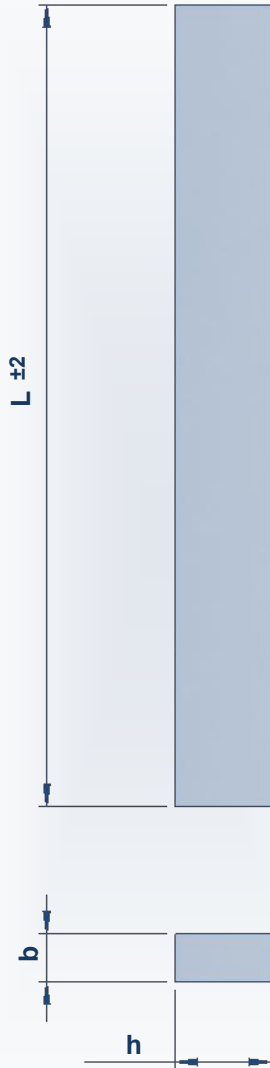
| | | | | | | |
|--------|----------|-----|------|-----|---------|---|
| 151079 | 6x12x150 | 6.0 | 12.0 | 150 | HSS | O |
| | 6x12x150 | 6.0 | 12.0 | 150 | ASP60 | ? |
| 118683 | 6x12x150 | 6.0 | 12.0 | 150 | Tantung | O |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151080 | 8x2x125 | 8.0 | 2.0 | 125 | HSS | O |
| | 8x2x125 | 8.0 | 2.0 | 125 | ASP60 | ? |
| | 8x2x125 | 8.0 | 2.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151081 | 8x2x160 | 8.0 | 2.0 | 160 | HSS | O |
| | 8x2x160 | 8.0 | 2.0 | 160 | ASP60 | ? |
| | 8x2x160 | 8.0 | 2.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|-----|-----|-----|---------|---|
| 151083 | 8x2x200 | 8.0 | 2.0 | 200 | HSS | O |
| | 8x2x200 | 8.0 | 2.0 | 200 | ASP60 | ? |
| | 8x2x200 | 8.0 | 2.0 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----|-----|-----------------------------------|---|
| 151084 | 8x3x100 | 8.0 | 3.0 | 100 | HSS | 0 |
| | 8x3x100 | 8.0 | 3.0 | 100 | ASP60 | ? |
| | 8x3x100 | 8.0 | 3.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151085 | 8x3x160 | 8.0 | 3.0 | 160 | HSS | 0 |
| | 8x3x160 | 8.0 | 3.0 | 160 | ASP60 | ? |
| | 8x3x160 | 8.0 | 3.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151086 | 8x3x200 | 8.0 | 3.0 | 200 | HSS | 0 |
| | 8x3x200 | 8.0 | 3.0 | 200 | ASP60 | ? |
| | 8x3x200 | 8.0 | 3.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151087 | 8x4x100 | 8.0 | 4.0 | 100 | HSS | 0 |
| | 8x4x100 | 8.0 | 4.0 | 100 | ASP60 | ? |
| | 8x4x100 | 8.0 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151088 | 8x4x160 | 8.0 | 4.0 | 160 | HSS | 0 |
| | 8x4x160 | 8.0 | 4.0 | 160 | ASP60 | ? |
| | 8x4x160 | 8.0 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 125771 | 8x4x200 | 8.0 | 4.0 | 200 | HSS | 0 |
| | 8x4x200 | 8.0 | 4.0 | 200 | ASP60 | ? |
| | 8x4x200 | 8.0 | 4.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151094 | 8x5x100 | 8.0 | 5.0 | 100 | HSS | 0 |
| | 8x5x100 | 8.0 | 5.0 | 100 | ASP60 | ? |
| | 8x5x100 | 8.0 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151095 | 8x5x160 | 8.0 | 5.0 | 160 | HSS | 0 |
| | 8x5x160 | 8.0 | 5.0 | 160 | ASP60 | ? |
| | 8x5x160 | 8.0 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 151097 | 8x5x200 | 8.0 | 5.0 | 200 | HSS | 0 |
| | 8x5x200 | 8.0 | 5.0 | 200 | ASP60 | ? |
| | 8x5x200 | 8.0 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|-----|-----|-----|---------|---|
| 151098 | 8x6x100 | 8.0 | 6.0 | 100 | HSS | 0 |
| | 8x6x100 | 8.0 | 6.0 | 100 | ASP60 | ? |
| | 8x6x100 | 8.0 | 6.0 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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 ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----|-----|-----------------------------------|---|
| 107219 | 8x6x160 | 8.0 | 6.0 | 160 | HSS | O |
| | 8x6x160 | 8.0 | 6.0 | 160 | ASP60 | ? |
| | 8x6x160 | 8.0 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|---------|-----|-----|-----|---------|---|
| 107220 | 8x6x200 | 8.0 | 6.0 | 200 | HSS | O |
| | 8x6x200 | 8.0 | 6.0 | 200 | ASP60 | ? |
| | 8x6x200 | 8.0 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|---|----|-----|---------|---|
| 151099 | 8x10x200 | 8 | 10 | 200 | HSS | O |
| 132766 | 8x10x200 | 8 | 10 | 200 | ASP60 | ? |
| | 8x10x200 | 8 | 10 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 109118 | 10x2x50 | 10 | 2.0 | 50 | HSS | O |
| | 10x2x50 | 10 | 2.0 | 50 | ASP60 | ? |
| | 10x2x50 | 10 | 2.0 | 50 | Tantung | ? |

| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 109119 | 10x2x80 | 10 | 2.0 | 80 | HSS | O |
| | 10x2x80 | 10 | 2.0 | 80 | ASP60 | ? |
| | 10x2x80 | 10 | 2.0 | 80 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151120 | 10x2x100 | 10 | 2.0 | 100 | HSS | O |
| | 10x2x100 | 10 | 2.0 | 100 | ASP60 | ? |
| | 10x2x100 | 10 | 2.0 | 100 | Tantung | ? |

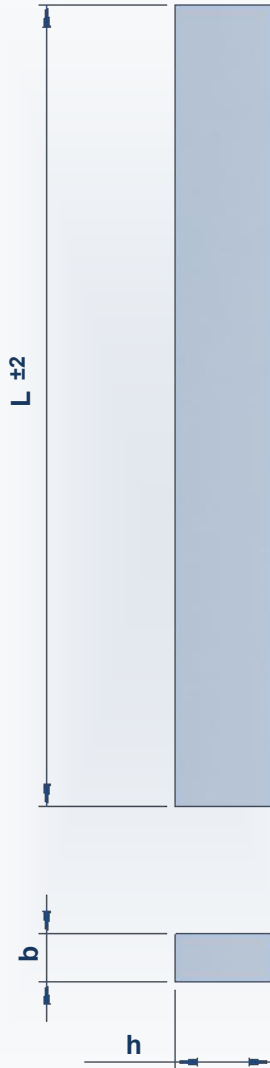
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151121 | 10x2x125 | 10 | 2.0 | 125 | HSS | O |
| | 10x2x125 | 10 | 2.0 | 125 | ASP60 | ? |
| | 10x2x125 | 10 | 2.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151122 | 10x2x160 | 10 | 2.0 | 160 | HSS | O |
| | 10x2x160 | 10 | 2.0 | 160 | ASP60 | ? |
| | 10x2x160 | 10 | 2.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151123 | 10x2x200 | 10 | 2.0 | 200 | HSS | O |
| | 10x2x200 | 10 | 2.0 | 200 | ASP60 | ? |
| | 10x2x200 | 10 | 2.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|----|---------|---|
| 109117 | 10x3x50 | 10 | 3.0 | 50 | HSS | O |
| | 10x3x50 | 10 | 3.0 | 50 | ASP60 | ? |
| | 10x3x50 | 10 | 3.0 | 50 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 151124 | 10x3x100 | 10 | 3.0 | 100 | HSS | O |
| | 10x3x100 | 10 | 3.0 | 100 | ASP60 | ? |
| | 10x3x100 | 10 | 3.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151125 | 10x3x160 | 10 | 3.0 | 160 | HSS | O |
| | 10x3x160 | 10 | 3.0 | 160 | ASP60 | ? |
| | 10x3x160 | 10 | 3.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151126 | 10x3x200 | 10 | 3.0 | 200 | HSS | O |
| | 10x3x200 | 10 | 3.0 | 200 | ASP60 | ? |
| | 10x3x200 | 10 | 3.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 109116 | 10x4x50 | 10 | 4.0 | 50 | HSS | O |
| | 10x4x50 | 10 | 4.0 | 50 | ASP60 | ? |
| | 10x4x50 | 10 | 4.0 | 50 | Tantung | ? |

| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 151127 | 10x4x63 | 10 | 4.0 | 63 | HSS | O |
| | 10x4x63 | 10 | 4.0 | 63 | ASP60 | ? |
| | 10x4x63 | 10 | 4.0 | 63 | Tantung | ? |

| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 151128 | 10x4x80 | 10 | 4.0 | 80 | HSS | O |
| | 10x4x80 | 10 | 4.0 | 80 | ASP60 | ? |
| | 10x4x80 | 10 | 4.0 | 80 | Tantung | ? |

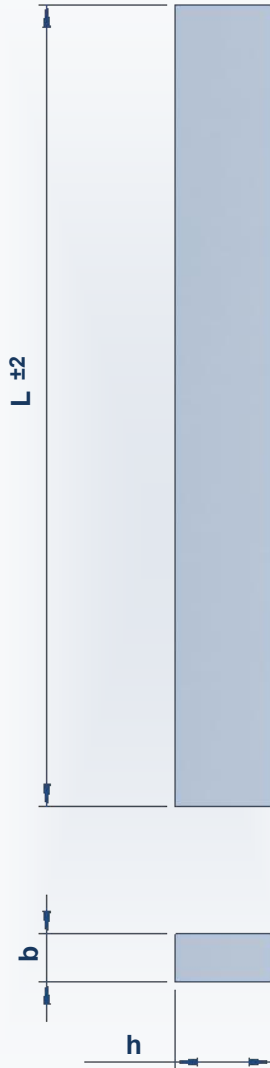
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151130 | 10x4x100 | 10 | 4.0 | 100 | HSS | O |
| | 10x4x100 | 10 | 4.0 | 100 | ASP60 | ? |
| | 10x4x100 | 10 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104314 | 10x4x125 | 10 | 4.0 | 125 | HSS | O |
| | 10x4x125 | 10 | 4.0 | 125 | ASP60 | ? |
| | 10x4x125 | 10 | 4.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104315 | 10x4x160 | 10 | 4.0 | 160 | HSS | O |
| | 10x4x160 | 10 | 4.0 | 160 | ASP60 | ? |
| | 10x4x160 | 10 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 104316 | 10x4x200 | 10 | 4.0 | 200 | HSS | O |
| 137146 | 10x4x200 | 10 | 4.0 | 200 | ASP60 | O |
| | 10x4x200 | 10 | 4.0 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|----|-----------------------------------|---|
| 109115 | 10x5x50 | 10 | 5.0 | 50 | HSS | O |
| | 10x5x50 | 10 | 5.0 | 50 | ASP60 | ? |
| | 10x5x50 | 10 | 5.0 | 50 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151168 | 10x5x100 | 10 | 5.0 | 100 | HSS | O |
| | 10x5x100 | 10 | 5.0 | 100 | ASP60 | ? |
| | 10x5x100 | 10 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151169 | 10x5x160 | 10 | 5.0 | 160 | HSS | O |
| | 10x5x160 | 10 | 5.0 | 160 | ASP60 | ? |
| | 10x5x160 | 10 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104317 | 10x5x200 | 10 | 5.0 | 200 | HSS | O |
| | 10x5x200 | 10 | 5.0 | 200 | ASP60 | ? |
| | 10x5x200 | 10 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151170 | 10x6x100 | 10 | 6.0 | 100 | HSS | O |
| | 10x6x100 | 10 | 6.0 | 100 | ASP60 | ? |
| | 10x6x100 | 10 | 6.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151171 | 10x6x125 | 10 | 6.0 | 125 | HSS | O |
| | 10x6x125 | 10 | 6.0 | 125 | ASP60 | ? |
| | 10x6x125 | 10 | 6.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104319 | 10x6x160 | 10 | 6.0 | 160 | HSS | O |
| | 10x6x160 | 10 | 6.0 | 160 | ASP60 | ? |
| | 10x6x160 | 10 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104320 | 10x6x200 | 10 | 6.0 | 200 | HSS | O |
| 120300 | 10x6x200 | 10 | 6.0 | 200 | ASP60 | O |
| | 10x6x200 | 10 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151172 | 10x8x100 | 10 | 8.0 | 100 | HSS | O |
| | 10x8x100 | 10 | 8.0 | 100 | ASP60 | ? |
| | 10x8x100 | 10 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151173 | 10x8x125 | 10 | 8.0 | 125 | HSS | O |
| | 10x8x125 | 10 | 8.0 | 125 | ASP60 | ? |
| | 10x8x125 | 10 | 8.0 | 125 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 104322 | 10x8x160 | 10 | 8.0 | 160 | HSS | O |
| | 10x8x160 | 10 | 8.0 | 160 | ASP60 | ? |
| | 10x8x160 | 10 | 8.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104323 | 10x8x200 | 10 | 8.0 | 200 | HSS | O |
| | 10x8x200 | 10 | 8.0 | 200 | ASP60 | ? |
| | 10x8x200 | 10 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151174 | 12x2x100 | 12 | 2.0 | 100 | HSS | O |
| | 12x2x100 | 12 | 2.0 | 100 | ASP60 | ? |
| | 12x2x100 | 12 | 2.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151175 | 12x2x125 | 12 | 2.0 | 125 | HSS | O |
| | 12x2x125 | 12 | 2.0 | 125 | ASP60 | ? |
| | 12x2x125 | 12 | 2.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151176 | 12x2x160 | 12 | 2.0 | 160 | HSS | O |
| | 12x2x160 | 12 | 2.0 | 160 | ASP60 | ? |
| | 12x2x160 | 12 | 2.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151177 | 12x2x200 | 12 | 2.0 | 200 | HSS | O |
| | 12x2x200 | 12 | 2.0 | 200 | ASP60 | ? |
| | 12x2x200 | 12 | 2.0 | 200 | Tantung | ? |

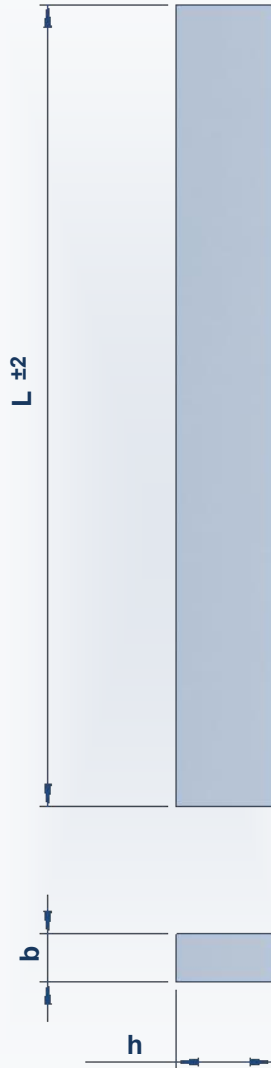
| | | | | | | |
|--------|---------|----|-----|----|---------|---|
| 104696 | 12x3x80 | 12 | 3.0 | 80 | HSS | O |
| | 12x3x80 | 12 | 3.0 | 80 | ASP60 | ? |
| | 12x3x80 | 12 | 3.0 | 80 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151178 | 12x3x100 | 12 | 3.0 | 100 | HSS | O |
| | 12x3x100 | 12 | 3.0 | 100 | ASP60 | ? |
| | 12x3x100 | 12 | 3.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104693 | 12x3x125 | 12 | 3.0 | 125 | HSS | O |
| | 12x3x125 | 12 | 3.0 | 125 | ASP60 | ? |
| | 12x3x125 | 12 | 3.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 104694 | 12x3x160 | 12 | 3.0 | 160 | HSS | O |
| | 12x3x160 | 12 | 3.0 | 160 | ASP60 | ? |
| | 12x3x160 | 12 | 3.0 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 104695 | 12x3x200 | 12 | 3.0 | 200 | HSS | O |
| | 12x3x200 | 12 | 3.0 | 200 | ASP60 | ? |
| | 12x3x200 | 12 | 3.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151186 | 12x4x100 | 12 | 4.0 | 100 | HSS | O |
| | 12x4x100 | 12 | 4.0 | 100 | ASP60 | ? |
| | 12x4x100 | 12 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104697 | 12x4x125 | 12 | 4.0 | 125 | HSS | O |
| | 12x4x125 | 12 | 4.0 | 125 | ASP60 | ? |
| | 12x4x125 | 12 | 4.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151186 | 12x4x150 | 12 | 4.0 | 150 | HSS | O |
| | 12x4x150 | 12 | 4.0 | 150 | ASP60 | ? |
| | 12x4x150 | 12 | 4.0 | 150 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104698 | 12x4x160 | 12 | 4.0 | 160 | HSS | O |
| | 12x4x160 | 12 | 4.0 | 160 | ASP60 | ? |
| | 12x4x160 | 12 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104699 | 12x4x200 | 12 | 4.0 | 200 | HSS | O |
| | 12x4x200 | 12 | 4.0 | 200 | ASP60 | ? |
| | 12x4x200 | 12 | 4.0 | 200 | Tantung | ? |

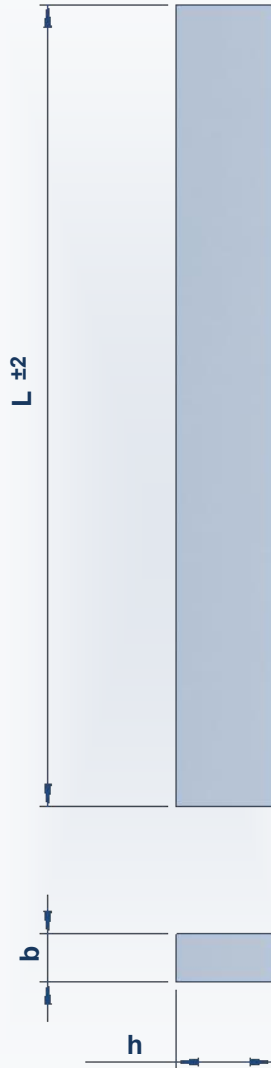
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151180 | 12x5x100 | 12 | 5.0 | 100 | HSS | O |
| | 12x5x100 | 12 | 5.0 | 100 | ASP60 | ? |
| | 12x5x100 | 12 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151181 | 12x5x125 | 12 | 5.0 | 125 | HSS | O |
| | 12x5x125 | 12 | 5.0 | 125 | ASP60 | ? |
| | 12x5x125 | 12 | 5.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151182 | 12x5x160 | 12 | 5.0 | 160 | HSS | O |
| | 12x5x160 | 12 | 5.0 | 160 | ASP60 | ? |
| | 12x5x160 | 12 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151183 | 12x5x200 | 12 | 5.0 | 200 | HSS | O |
| | 12x5x200 | 12 | 5.0 | 200 | ASP60 | ? |
| | 12x5x200 | 12 | 5.0 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 104701 | 12x6x125 | 12 | 6.0 | 125 | HSS | O |
| | 12x6x125 | 12 | 6.0 | 125 | ASP60 | ? |
| | 12x6x125 | 12 | 6.0 | 125 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104702 | 12x6x160 | 12 | 6.0 | 160 | HSS | O |
| | 12x6x160 | 12 | 6.0 | 160 | ASP60 | ? |
| | 12x6x160 | 12 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104703 | 12x6x200 | 12 | 6.0 | 200 | HSS | O |
| 120309 | 12x6x200 | 12 | 6.0 | 200 | ASP60 | O |
| | 12x6x200 | 12 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151184 | 12x8x100 | 12 | 8.0 | 100 | HSS | O |
| | 12x8x100 | 12 | 8.0 | 100 | ASP60 | ? |
| | 12x8x100 | 12 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104705 | 12x8x160 | 12 | 8.0 | 160 | HSS | O |
| | 12x8x160 | 12 | 8.0 | 160 | ASP60 | ? |
| | 12x8x160 | 12 | 8.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 104706 | 12x8x200 | 12 | 8.0 | 200 | HSS | O |
| | 12x8x200 | 12 | 8.0 | 200 | ASP60 | ? |
| | 12x8x200 | 12 | 8.0 | 200 | Tantung | ? |

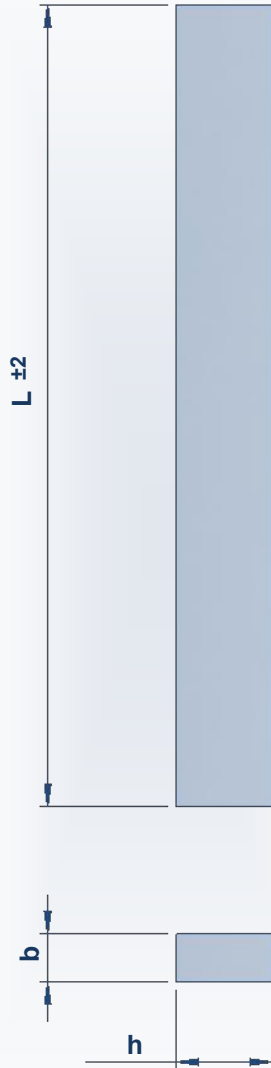
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150241 | 12x10x100 | 12 | 10 | 100 | HSS | O |
| | 12x10x100 | 12 | 10 | 100 | ASP60 | ? |
| | 12x10x100 | 12 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150242 | 12x10x125 | 12 | 10 | 125 | HSS | O |
| | 12x10x125 | 12 | 10 | 125 | ASP60 | ? |
| | 12x10x125 | 12 | 10 | 125 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 104683 | 12x10x160 | 12 | 10 | 160 | HSS | O |
| | 12x10x160 | 12 | 10 | 160 | ASP60 | ? |
| | 12x10x160 | 12 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 104684 | 12x10x200 | 12 | 10 | 200 | HSS | O |
| | 12x10x200 | 12 | 10 | 200 | ASP60 | ? |
| | 12x10x200 | 12 | 10 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 150244 | 14x6x100 | 14 | 6.0 | 100 | HSS | O |
| | 14x6x100 | 14 | 6.0 | 100 | ASP60 | ? |
| | 14x6x100 | 14 | 6.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105017 | 14x6x160 | 14 | 6.0 | 160 | HSS | O |
| | 14x6x160 | 14 | 6.0 | 160 | ASP60 | ? |
| | 14x6x160 | 14 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105018 | 14x6x200 | 14 | 6.0 | 200 | HSS | O |
| | 14x6x200 | 14 | 6.0 | 200 | ASP60 | ? |
| | 14x6x200 | 14 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 132613 | 14x7x200 | 14 | 7.0 | 200 | HSS | O |
| | 14x7x200 | 14 | 7.0 | 200 | ASP60 | ? |
| | 14x7x200 | 14 | 7.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150245 | 14x8x100 | 14 | 8.0 | 100 | HSS | O |
| | 14x8x100 | 14 | 8.0 | 100 | ASP60 | ? |
| | 14x8x100 | 14 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105020 | 14x8x160 | 14 | 8.0 | 160 | HSS | O |
| | 14x8x160 | 14 | 8.0 | 160 | ASP60 | ? |
| | 14x8x160 | 14 | 8.0 | 160 | Tantung | ? |

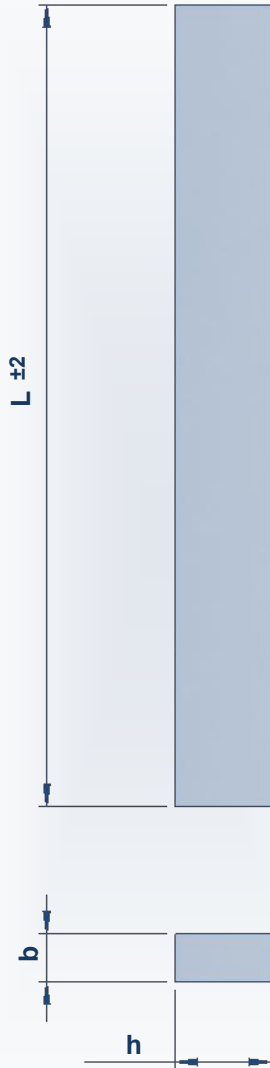
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105021 | 14x8x200 | 14 | 8.0 | 200 | HSS | O |
| | 14x8x200 | 14 | 8.0 | 200 | ASP60 | ? |
| | 14x8x200 | 14 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150246 | 14x10x100 | 14 | 10 | 100 | HSS | O |
| | 14x10x100 | 14 | 10 | 100 | ASP60 | ? |
| | 14x10x100 | 14 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105008 | 14x10x160 | 14 | 10 | 160 | HSS | O |
| | 14x10x160 | 14 | 10 | 160 | ASP60 | ? |
| | 14x10x160 | 14 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 105009 | 14x10x200 | 14 | 10 | 200 | HSS | O |
| | 14x10x200 | 14 | 10 | 200 | ASP60 | ? |
| | 14x10x200 | 14 | 10 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 150247 | 14x12x100 | 14 | 12 | 100 | HSS | O |
| | 14x12x100 | 14 | 12 | 100 | ASP60 | ? |
| | 14x12x100 | 14 | 12 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105010 | 14x12x160 | 14 | 12 | 160 | HSS | O |
| | 14x12x160 | 14 | 12 | 160 | ASP60 | ? |
| | 14x12x160 | 14 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105011 | 14x12x200 | 14 | 12 | 200 | HSS | O |
| | 14x12x200 | 14 | 12 | 200 | ASP60 | ? |
| | 14x12x200 | 14 | 12 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150248 | 15x4x100 | 15 | 4.0 | 100 | HSS | O |
| | 15x4x100 | 15 | 4.0 | 100 | ASP60 | ? |
| | 15x4x100 | 15 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150250 | 15x4x160 | 15 | 4.0 | 160 | HSS | O |
| | 15x4x160 | 15 | 4.0 | 160 | ASP60 | ? |
| | 15x4x160 | 15 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150365 | 15x4x200 | 15 | 4.0 | 200 | HSS | O |
| | 15x4x200 | 15 | 4.0 | 200 | ASP60 | ? |
| | 15x4x200 | 15 | 4.0 | 200 | Tantung | ? |

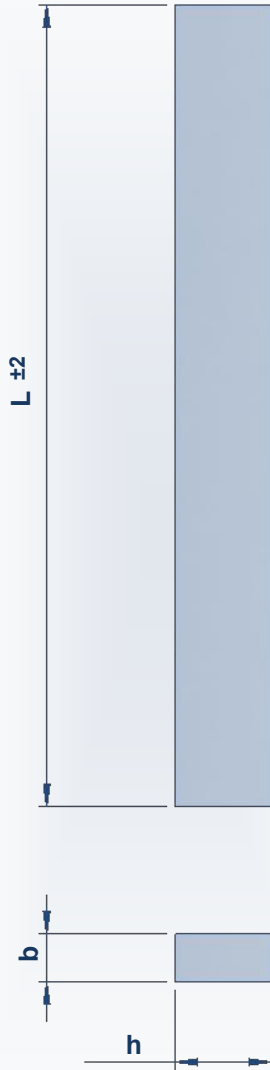
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150835 | 15x5x100 | 15 | 5.0 | 100 | HSS | O |
| | 15x5x100 | 15 | 5.0 | 100 | ASP60 | ? |
| | 15x5x100 | 15 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150836 | 15x5x160 | 15 | 5.0 | 160 | HSS | O |
| | 15x5x160 | 15 | 5.0 | 160 | ASP60 | ? |
| | 15x5x160 | 15 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150841 | 15x5x200 | 15 | 5.0 | 200 | HSS | O |
| | 15x5x200 | 15 | 5.0 | 200 | ASP60 | ? |
| | 15x5x200 | 15 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 150839 | 15x6x100 | 15 | 6.0 | 100 | HSS | O |
| | 15x6x100 | 15 | 6.0 | 100 | ASP60 | ? |
| | 15x6x100 | 15 | 6.0 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 150840 | 15x6x160 | 15 | 6.0 | 160 | HSS | O |
| | 15x6x160 | 15 | 6.0 | 160 | ASP60 | ? |
| | 15x6x160 | 15 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150837 | 15x6x200 | 15 | 6.0 | 200 | HSS | O |
| | 15x6x200 | 15 | 6.0 | 200 | ASP60 | ? |
| | 15x6x200 | 15 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150842 | 15x8x100 | 15 | 8.0 | 100 | HSS | O |
| | 15x8x100 | 15 | 8.0 | 100 | ASP60 | ? |
| | 15x8x100 | 15 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150843 | 15x8x160 | 15 | 8.0 | 160 | HSS | O |
| | 15x8x160 | 15 | 8.0 | 160 | ASP60 | ? |
| | 15x8x160 | 15 | 8.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150844 | 15x8x200 | 15 | 8.0 | 200 | HSS | O |
| | 15x8x200 | 15 | 8.0 | 200 | ASP60 | ? |
| | 15x8x200 | 15 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150845 | 15x10x100 | 15 | 10 | 100 | HSS | O |
| | 15x10x100 | 15 | 10 | 100 | ASP60 | ? |
| | 15x10x100 | 15 | 10 | 100 | Tantung | ? |

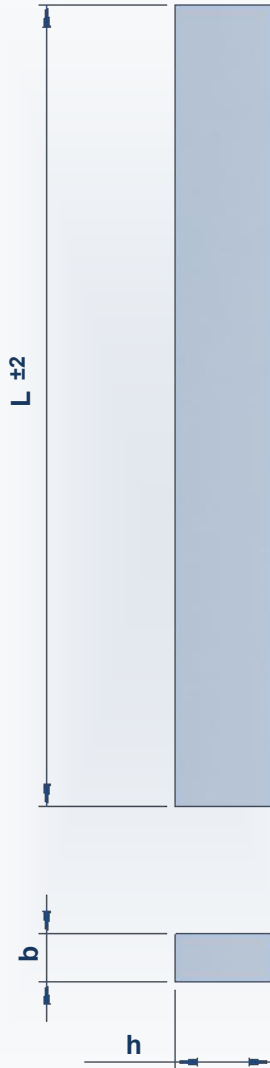
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150846 | 15x10x160 | 15 | 10 | 160 | HSS | O |
| | 15x10x160 | 15 | 10 | 160 | ASP60 | ? |
| | 15x10x160 | 15 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150847 | 15x10x200 | 15 | 10 | 200 | HSS | O |
| | 15x10x200 | 15 | 10 | 200 | ASP60 | ? |
| | 15x10x200 | 15 | 10 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150849 | 16x4x100 | 16 | 4.0 | 100 | HSS | O |
| | 16x4x100 | 16 | 4.0 | 100 | ASP60 | ? |
| | 16x4x100 | 16 | 4.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 105484 | 16x4x160 | 16 | 4.0 | 160 | HSS | O |
| | 16x4x160 | 16 | 4.0 | 160 | ASP60 | ? |
| | 16x4x160 | 16 | 4.0 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 105485 | 16x4x200 | 16 | 4.0 | 200 | HSS | O |
| | 16x4x200 | 16 | 4.0 | 200 | ASP60 | ? |
| | 16x4x200 | 16 | 4.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105486 | 16x6x100 | 16 | 6.0 | 100 | HSS | O |
| | 16x6x100 | 16 | 6.0 | 100 | ASP60 | ? |
| | 16x6x100 | 16 | 6.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105487 | 16x6x160 | 16 | 6.0 | 160 | HSS | O |
| | 16x6x160 | 16 | 6.0 | 160 | ASP60 | ? |
| | 16x6x160 | 16 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105488 | 16x6x200 | 16 | 6.0 | 200 | HSS | O |
| | 16x6x200 | 16 | 6.0 | 200 | ASP60 | ? |
| | 16x6x200 | 16 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150850 | 16x8x100 | 16 | 8.0 | 100 | HSS | O |
| | 16x8x100 | 16 | 8.0 | 100 | ASP60 | ? |
| | 16x8x100 | 16 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105490 | 16x8x160 | 16 | 8.0 | 160 | HSS | O |
| | 16x8x160 | 16 | 8.0 | 160 | ASP60 | ? |
| | 16x8x160 | 16 | 8.0 | 160 | Tantung | ? |

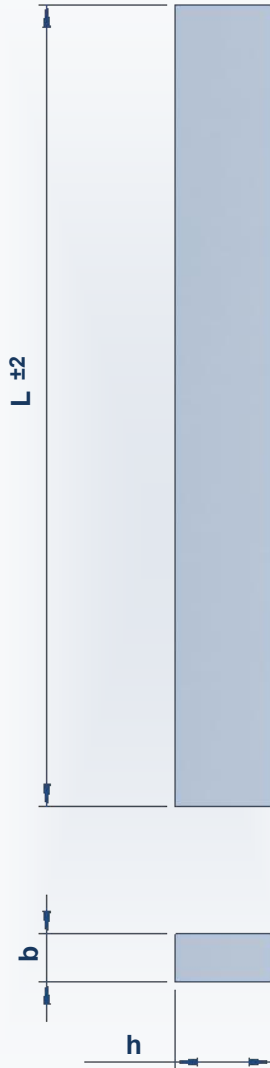
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105491 | 16x8x200 | 16 | 8.0 | 200 | HSS | O |
| | 16x8x200 | 16 | 8.0 | 200 | ASP60 | ? |
| | 16x8x200 | 16 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 150851 | 16x10x100 | 16 | 10 | 100 | HSS | O |
| | 16x10x100 | 16 | 10 | 100 | ASP60 | ? |
| | 16x10x100 | 16 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105476 | 16x10x160 | 16 | 10 | 160 | HSS | O |
| 115322 | 16x10x160 | 16 | 10 | 160 | ASP60 | O |
| | 16x10x160 | 16 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 105477 | 16x10x200 | 16 | 10 | 200 | HSS | O |
| | 16x10x200 | 16 | 10 | 200 | ASP60 | ? |
| | 16x10x200 | 16 | 10 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 150852 | 16x12x100 | 16 | 12 | 100 | HSS | O |
| 162201 | 16x12x100 | 16 | 12 | 100 | ASP60 | ? |
| | 16x12x100 | 16 | 12 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105479 | 16x12x160 | 16 | 12 | 160 | HSS | O |
| | 16x12x160 | 16 | 12 | 160 | ASP60 | ? |
| | 16x12x160 | 16 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105480 | 16x12x200 | 16 | 12 | 200 | HSS | O |
| | 16x12x200 | 16 | 12 | 200 | ASP60 | ? |
| | 16x12x200 | 16 | 12 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 112138 | 16x14x100 | 16 | 14 | 100 | HSS | O |
| | 16x14x100 | 16 | 14 | 100 | ASP60 | ? |
| | 16x14x100 | 16 | 14 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105482 | 16x14x160 | 16 | 14 | 160 | HSS | O |
| | 16x14x160 | 16 | 14 | 160 | ASP60 | ? |
| | 16x14x160 | 16 | 14 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 105483 | 16x14x200 | 16 | 14 | 200 | HSS | O |
| | 16x14x200 | 16 | 14 | 200 | ASP60 | ? |
| | 16x14x200 | 16 | 14 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151069 | 18x3x100 | 18 | 3.0 | 100 | HSS | O |
| | 18x3x100 | 18 | 3.0 | 100 | ASP60 | ? |
| | 18x3x100 | 18 | 3.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150854 | 18x3x160 | 18 | 3.0 | 160 | HSS | O |
| | 18x3x160 | 18 | 3.0 | 160 | ASP60 | ? |
| | 18x3x160 | 18 | 3.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150855 | 18x3x200 | 18 | 3.0 | 200 | HSS | O |
| | 18x3x200 | 18 | 3.0 | 200 | ASP60 | ? |
| | 18x3x200 | 18 | 3.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151070 | 18x4x100 | 18 | 4.0 | 100 | HSS | O |
| | 18x4x100 | 18 | 4.0 | 100 | ASP60 | ? |
| | 18x4x100 | 18 | 4.0 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 105858 | 18x4x160 | 18 | 4.0 | 160 | HSS | O |
| | 18x4x160 | 18 | 4.0 | 160 | ASP60 | ? |
| | 18x4x160 | 18 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150856 | 18x4x200 | 18 | 4.0 | 200 | HSS | O |
| | 18x4x200 | 18 | 4.0 | 200 | ASP60 | ? |
| | 18x4x200 | 18 | 4.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150857 | 18x5x100 | 18 | 5.0 | 100 | HSS | O |
| | 18x5x100 | 18 | 5.0 | 100 | ASP60 | ? |
| | 18x5x100 | 18 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150858 | 18x5x160 | 18 | 5.0 | 160 | HSS | O |
| | 18x5x160 | 18 | 5.0 | 160 | ASP60 | ? |
| | 18x5x160 | 18 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150859 | 18x5x200 | 18 | 5.0 | 200 | HSS | O |
| | 18x5x200 | 18 | 5.0 | 200 | ASP60 | ? |
| | 18x5x200 | 18 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 150860 | 18x6x100 | 18 | 6.0 | 100 | HSS | O |
| | 18x6x100 | 18 | 6.0 | 100 | ASP60 | ? |
| | 18x6x100 | 18 | 6.0 | 100 | Tantung | ? |

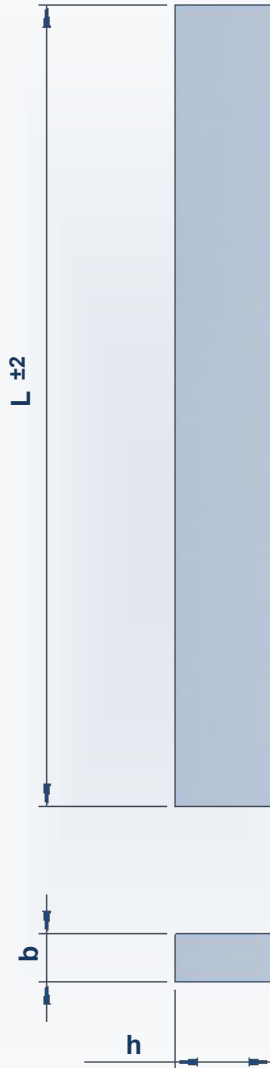
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 105860 | 18x6x160 | 18 | 6.0 | 160 | HSS | O |
| | 18x6x160 | 18 | 6.0 | 160 | ASP60 | ? |
| | 18x6x160 | 18 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 130710 | 18x6x200 | 18 | 6.0 | 200 | HSS | O |
| | 18x6x200 | 18 | 6.0 | 200 | ASP60 | ? |
| | 18x6x200 | 18 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151192 | 18x8x100 | 18 | 8.0 | 100 | HSS | O |
| | 18x8x100 | 18 | 8.0 | 100 | ASP60 | ? |
| | 18x8x100 | 18 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151193 | 18x8x125 | 18 | 8.0 | 125 | HSS | O |
| | 18x8x125 | 18 | 8.0 | 125 | ASP60 | ? |
| | 18x8x125 | 18 | 8.0 | 125 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 151194 | 18x10x100 | 18 | 10 | 100 | HSS | O |
| | 18x10x100 | 18 | 10 | 100 | ASP60 | ? |
| | 18x10x100 | 18 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151196 | 18x10x160 | 18 | 10 | 160 | HSS | O |
| | 18x10x160 | 18 | 10 | 160 | ASP60 | ? |
| | 18x10x160 | 18 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151197 | 18x10x200 | 18 | 10 | 200 | HSS | O |
| | 18x10x200 | 18 | 10 | 200 | ASP60 | ? |
| | 18x10x200 | 18 | 10 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151198 | 18x12x100 | 18 | 12 | 100 | HSS | O |
| | 18x12x100 | 18 | 12 | 100 | ASP60 | ? |
| | 18x12x100 | 18 | 12 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151199 | 18x12x160 | 18 | 12 | 160 | HSS | O |
| | 18x12x160 | 18 | 12 | 160 | ASP60 | ? |
| | 18x12x160 | 18 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151200 | 18x12x200 | 18 | 12 | 200 | HSS | O |
| | 18x12x200 | 18 | 12 | 200 | ASP60 | ? |
| | 18x12x200 | 18 | 12 | 200 | Tantung | ? |

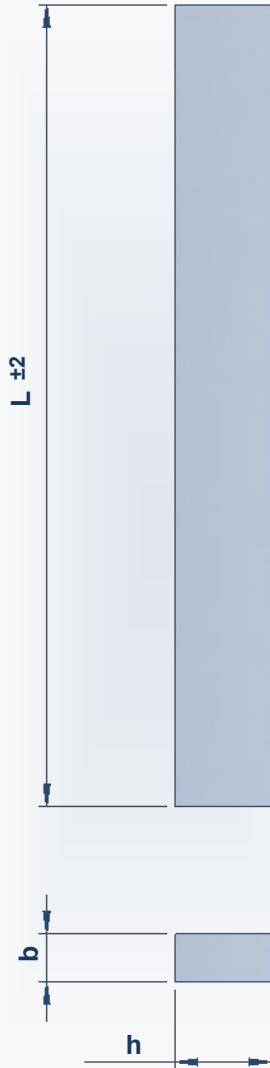
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151201 | 20x3x100 | 20 | 3.0 | 100 | HSS | O |
| | 20x3x100 | 20 | 3.0 | 100 | ASP60 | ? |
| | 20x3x100 | 20 | 3.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151202 | 20x3x160 | 20 | 3.0 | 160 | HSS | O |
| | 20x3x160 | 20 | 3.0 | 160 | ASP60 | ? |
| | 20x3x160 | 20 | 3.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151203 | 20x3x200 | 20 | 3.0 | 200 | HSS | O |
| | 20x3x200 | 20 | 3.0 | 200 | ASP60 | ? |
| | 20x3x200 | 20 | 3.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151204 | 20x4x100 | 20 | 4.0 | 100 | HSS | O |
| | 20x4x100 | 20 | 4.0 | 100 | ASP60 | ? |
| | 20x4x100 | 20 | 4.0 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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Exécution: durée et polie



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 151209 | 20x4x160 | 20 | 4.0 | 160 | HSS | O |
| | 20x4x160 | 20 | 4.0 | 160 | ASP60 | ? |
| | 20x4x160 | 20 | 4.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151210 | 20x4x200 | 20 | 4.0 | 200 | HSS | O |
| | 20x4x200 | 20 | 4.0 | 200 | ASP60 | ? |
| | 20x4x200 | 20 | 4.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151211 | 20x5x100 | 20 | 5.0 | 100 | HSS | O |
| | 20x5x100 | 20 | 5.0 | 100 | ASP60 | ? |
| | 20x5x100 | 20 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151212 | 20x5x160 | 20 | 5.0 | 160 | HSS | O |
| | 20x5x160 | 20 | 5.0 | 160 | ASP60 | ? |
| | 20x5x160 | 20 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151214 | 20x5x200 | 20 | 5.0 | 200 | HSS | O |
| | 20x5x200 | 20 | 5.0 | 200 | ASP60 | ? |
| | 20x5x200 | 20 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151215 | 20x6x100 | 20 | 6.0 | 100 | HSS | O |
| | 20x6x100 | 20 | 6.0 | 100 | ASP60 | ? |
| | 20x6x100 | 20 | 6.0 | 100 | Tantung | ? |

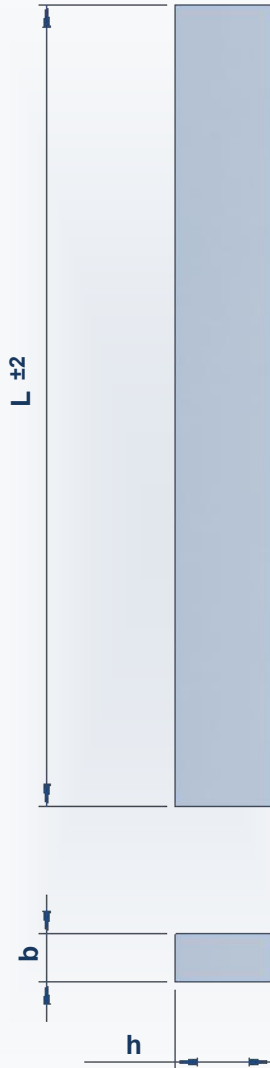
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151216 | 20x6x160 | 20 | 6.0 | 160 | HSS | O |
| | 20x6x160 | 20 | 6.0 | 160 | ASP60 | ? |
| | 20x6x160 | 20 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151217 | 20x6x200 | 20 | 6.0 | 200 | HSS | O |
| | 20x6x200 | 20 | 6.0 | 200 | ASP60 | ? |
| | 20x6x200 | 20 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151218 | 20x8x100 | 20 | 8.0 | 100 | HSS | O |
| | 20x8x100 | 20 | 8.0 | 100 | ASP60 | ? |
| | 20x8x100 | 20 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151219 | 20x8x160 | 20 | 8.0 | 160 | HSS | O |
| | 20x8x160 | 20 | 8.0 | 160 | ASP60 | ? |
| | 20x8x160 | 20 | 8.0 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 151220 | 20x8x200 | 20 | 8.0 | 200 | HSS Ä | O |
| | 20x8x200 | 20 | 8.0 | 200 | ASP60 O | ? |
| | 20x8x200 | 20 | 8.0 | 200 | Tantung O | ? |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 110793 | 20x10x50 | 20 | 10 | 50 | HSS | O |
| | 20x10x50 | 20 | 10 | 50 | ASP60 | ? |
| | 20x10x50 | 20 | 10 | 50 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151259 | 20x10x100 | 20 | 10 | 100 | HSS | O |
| | 20x10x100 | 20 | 10 | 100 | ASP60 | ? |
| | 20x10x100 | 20 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|-----------|---|
| 125683 | 20x10x125 | 20 | 10 | 125 | HSS | O |
| | 20x10x125 | 20 | 10 | 125 | ASP60 | ? |
| | 20x10x125 | 20 | 10 | 125 | Tantung O | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106089 | 20x10x160 | 20 | 10 | 160 | HSS | O |
| | 20x10x160 | 20 | 10 | 160 | ASP60 | ? |
| | 20x10x160 | 20 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106090 | 20x10x200 | 20 | 10 | 200 | HSS Ä | O |
| | 20x10x200 | 20 | 10 | 200 | ASP60 | ? |
| | 20x10x200 | 20 | 10 | 200 | Tantung | ? |

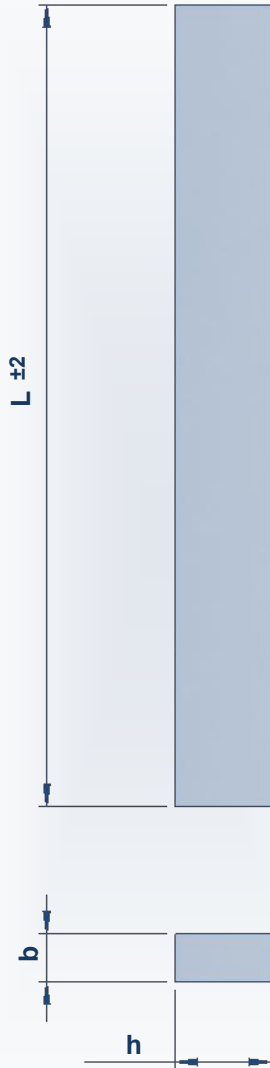
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 145716 | 20x10x250 | 20 | 10 | 250 | HSS | O |
| | 20x10x250 | 20 | 10 | 250 | ASP60 | ? |
| | 20x10x250 | 20 | 10 | 250 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151224 | 20x12x100 | 20 | 12 | 100 | HSS | O |
| | 20x12x100 | 20 | 12 | 100 | ASP60 | ? |
| | 20x12x100 | 20 | 12 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106092 | 20x12x160 | 20 | 12 | 160 | HSS | O |
| | 20x12x160 | 20 | 12 | 160 | ASP60 | ? |
| | 20x12x160 | 20 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 106093 | 20x12x200 | 20 | 12 | 200 | HSS | O |
| | 20x12x200 | 20 | 12 | 200 | ASP60 | ? |
| | 20x12x200 | 20 | 12 | 200 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
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|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 151225 | 20x14x100 | 20 | 14 | 100 | HSS | O |
| | 20x14x100 | 20 | 14 | 100 | ASP60 | ? |
| | 20x14x100 | 20 | 14 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106094 | 20x14x160 | 20 | 14 | 160 | HSS | O |
| | 20x14x160 | 20 | 14 | 160 | ASP60 | ? |
| | 20x14x160 | 20 | 14 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106095 | 20x14x200 | 20 | 14 | 200 | HSS | O |
| | 20x14x200 | 20 | 14 | 200 | ASP60 | ? |
| | 20x14x200 | 20 | 14 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151226 | 20x16x100 | 20 | 16 | 100 | HSS | O |
| | 20x16x100 | 20 | 16 | 100 | ASP60 | ? |
| | 20x16x100 | 20 | 16 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106097 | 20x16x160 | 20 | 16 | 160 | HSS | O |
| | 20x16x160 | 20 | 16 | 160 | ASP60 | ? |
| | 20x16x160 | 20 | 16 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106098 | 20x16x200 | 20 | 16 | 200 | HSS | O |
| | 20x16x200 | 20 | 16 | 200 | ASP60 | ? |
| | 20x16x200 | 20 | 16 | 200 | Tantung | ? |

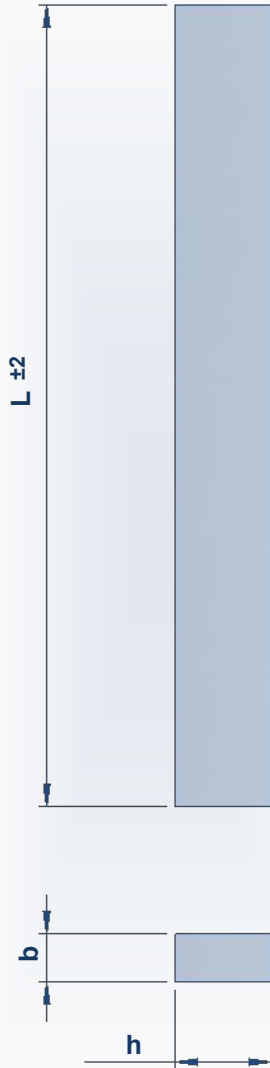
| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151230 | 25x5x100 | 25 | 5.0 | 100 | HSS | O |
| | 25x5x100 | 25 | 5.0 | 100 | ASP60 | ? |
| | 25x5x100 | 25 | 5.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151231 | 25x5x160 | 25 | 5.0 | 160 | HSS | O |
| | 25x5x160 | 25 | 5.0 | 160 | ASP60 | ? |
| | 25x5x160 | 25 | 5.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151232 | 25x5x200 | 25 | 5.0 | 200 | HSS | O |
| | 25x5x200 | 25 | 5.0 | 200 | ASP60 | ? |
| | 25x5x200 | 25 | 5.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|------------|----|-----|-----|---------|---|
| 151233 | 25x6x100 | 25 | 6.0 | 100 | HSS | O |
| | 25x6x100 | 25 | 6.0 | 100 | ASP60 | ? |
| | 25x6x100 | 25 | 6.0 | 100 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|----|-----|-----|-----------------------------------|---|
| 151234 | 25x6x160 | 25 | 6.0 | 160 | HSS | O |
| | 25x6x160 | 25 | 6.0 | 160 | ASP60 | ? |
| | 25x6x160 | 25 | 6.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151235 | 25x6x200 | 25 | 6.0 | 200 | HSS | O |
| | 25x6x200 | 25 | 6.0 | 200 | ASP60 | ? |
| | 25x6x200 | 25 | 6.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151236 | 25x8x100 | 25 | 8.0 | 100 | HSS | O |
| | 25x8x100 | 25 | 8.0 | 100 | ASP60 | ? |
| | 25x8x100 | 25 | 8.0 | 100 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151237 | 25x8x160 | 25 | 8.0 | 160 | HSS | O |
| | 25x8x160 | 25 | 8.0 | 160 | ASP60 | ? |
| | 25x8x160 | 25 | 8.0 | 160 | Tantung | ? |

| | | | | | | |
|--------|----------|----|-----|-----|---------|---|
| 151238 | 25x8x200 | 25 | 8.0 | 200 | HSS | O |
| | 25x8x200 | 25 | 8.0 | 200 | ASP60 | ? |
| | 25x8x200 | 25 | 8.0 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151239 | 25x10x100 | 25 | 10 | 100 | HSS | O |
| | 25x10x100 | 25 | 10 | 100 | ASP60 | ? |
| | 25x10x100 | 25 | 10 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106353 | 25x10x160 | 25 | 10 | 160 | HSS | O |
| | 25x10x160 | 25 | 10 | 160 | ASP60 | ? |
| | 25x10x160 | 25 | 10 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106354 | 25x10x200 | 25 | 10 | 200 | HSS | O |
| | 25x10x200 | 25 | 10 | 200 | ASP60 | ? |
| | 25x10x200 | 25 | 10 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151240 | 25x12x100 | 25 | 12 | 100 | HSS | O |
| | 25x12x100 | 25 | 12 | 100 | ASP60 | ? |
| | 25x12x100 | 25 | 12 | 100 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 106355 | 25x12x160 | 25 | 12 | 160 | HSS | O |
| | 25x12x160 | 25 | 12 | 160 | ASP60 | ? |
| | 25x12x160 | 25 | 12 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
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|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 106356 | 25x12x200 | 25 | 12 | 200 | HSS | O |
| | 25x12x200 | 25 | 12 | 200 | ASP60 | ? |
| | 25x12x200 | 25 | 12 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151241 | 25x14x100 | 25 | 14 | 100 | HSS | O |
| | 25x14x100 | 25 | 14 | 100 | ASP60 | ? |
| | 25x14x100 | 25 | 14 | 100 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106357 | 25x14x160 | 25 | 14 | 160 | HSS | O |
| | 25x14x160 | 25 | 14 | 160 | ASP60 | ? |
| | 25x14x160 | 25 | 14 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151242 | 25x14x200 | 25 | 14 | 200 | HSS | O |
| | 25x14x200 | 25 | 14 | 200 | ASP60 | ? |
| | 25x14x200 | 25 | 14 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|----|----|---------|---|
| 134987 | 25x16x80 | 25 | 16 | 80 | HSS | O |
| | 25x16x80 | 25 | 16 | 80 | ASP60 | ? |
| | 25x16x80 | 25 | 16 | 80 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151258 | 25x16x100 | 25 | 16 | 100 | HSS | O |
| | 25x16x100 | 25 | 16 | 100 | ASP60 | ? |
| | 25x16x100 | 25 | 16 | 100 | Tantung | ? |

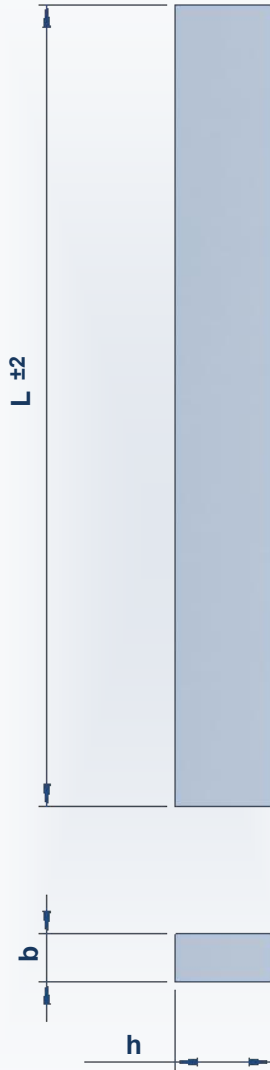
| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 122907 | 25x16x160 | 25 | 16 | 160 | HSS | O |
| | 25x16x160 | 25 | 16 | 160 | ASP60 | ? |
| | 25x16x160 | 25 | 16 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151243 | 25x16x200 | 25 | 16 | 200 | HSS | O |
| | 25x16x200 | 25 | 16 | 200 | ASP60 | ? |
| | 25x16x200 | 25 | 16 | 200 | Tantung | ? |

| | | | | | | |
|--------|----------|----|---|-----|---------|---|
| 106549 | 30x5x125 | 30 | 5 | 125 | HSS | O |
| | 30x5x125 | 30 | 5 | 125 | ASP60 | ? |
| | 30x5x125 | 30 | 5 | 125 | Tantung | ? |

| | | | | | | |
|--------|------------|----|----|-----|---------|---|
| 106544 | 30x10x160 | 30 | 10 | 160 | HSS | O |
| | 30x10x160 | 30 | 10 | 160 | ASP60 | ? |
| | 30x10x160 | 30 | 10 | 160 | Tantung | ? |
| | Rab.Gr. 70 | | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie



Lagerhaltig
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 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | Werkstoff Material Matériau | |
|--------------------------------------|--|----|----|-----|-----------------------------------|---|
| 106545 | 30x10x200 | 30 | 10 | 200 | HSS Ä | O |
| | 30x10x200 | 30 | 10 | 200 | ASP60 O | ? |
| | 30x10x200 | 30 | 10 | 200 | Tantung O | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106546 | 30x12x160 | 30 | 12 | 160 | HSS | O |
| | 30x12x160 | 30 | 12 | 160 | ASP60 | ? |
| | 30x12x160 | 30 | 12 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106547 | 30x12x200 | 30 | 12 | 200 | HSS | O |
| | 30x12x200 | 30 | 12 | 200 | ASP60 | ? |
| | 30x12x200 | 30 | 12 | 200 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106548 | 30x15x150 | 30 | 15 | 150 | HSS | O |
| | 30x15x150 | 30 | 15 | 150 | ASP60 | ? |
| | 30x15x150 | 30 | 15 | 150 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 151244 | 32x16x160 | 32 | 16 | 160 | HSS | O |
| | 32x16x160 | 32 | 16 | 160 | ASP60 | ? |
| | 32x16x160 | 32 | 16 | 160 | Tantung | ? |

| | | | | | | |
|--------|-----------|----|----|-----|---------|---|
| 106597 | 32x16x200 | 32 | 16 | 200 | HSS | O |
| | 32x16x200 | 32 | 16 | 200 | ASP60 | ? |
| | 32x16x200 | 32 | 16 | 200 | Tantung | ? |

| | | | | | | |
|--|------------|--|--|--|--|--|
| | | | | | | |
| | Rab.Gr. 70 | | | | | |
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Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
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 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|---|-----------------------------------|---|
| | Ø1.0x6 | 1.0 | 6 | FK | ? |
| 128302 | Ø1.0x6 | 1.0 | 6 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| | Ø1.0x50 | 1.0 | 50 | FK | ? |
| 101749 | Ø1.0x50 | 1.0 | 50 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101405 | Ø1.0x100 | 1.0 | 100 | FK | O |
| 101748 | Ø1.0x100 | 1.0 | 100 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| | Ø1.5x50 | 1.5 | 50 | FK | ? |
| 101751 | Ø1.5x50 | 1.5 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130701 | Ø1.5x75 | 1.5 | 75 | FK | O |
| | Ø1.5x75 | 1.5 | 75 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101406 | Ø1.5x100 | 1.5 | 100 | FK | O |
| 101751 | Ø1.5x100 | 1.5 | 100 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 138360 | Ø2.0x28 | 2.0 | 28 | FK | O |
| | Ø2.0x28 | 2.0 | 28 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 127149 | Ø2.0x30 | 2.0 | 30 | FK | O |
| | Ø2.0x30 | 2.0 | 30 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130153 | Ø2.0x41 | 2.0 | 41 | FK | O |
| | Ø2.0x41 | 2.0 | 41 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101460 | Ø2.0x100 | 2.0 | 100 | FK | O |
| 101781 | Ø2.0x100 | 2.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 140155 | Ø2.0x330 | 2.0 | 330 | FK | O |
| | Ø2.0x330 | 2.0 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 129661 | Ø2.5x38 | 2.5 | 38 | FK | O |
| | Ø2.5x38 | 2.5 | 38 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130154 | Ø2.5x41 | 2.5 | 41 | FK | O |
| | Ø2.5x41 | 2.5 | 41 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
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 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 124245 | Ø2.5x80 | 2.5 | 80 | FK | O |
| | Ø2.5x80 | 2.5 | 80 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101461 | Ø2.5x100 | 2.5 | 100 | FK | O |
| 101782 | Ø2.5x100 | 2.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 122510 | Ø2.5x310 | 2.5 | 310 | FK | O |
| | Ø2.5x310 | 2.5 | 310 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 131920 | Ø2.5x320 | 2.5 | 320 | FK | O |
| | Ø2.5x320 | 2.5 | 320 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 132530 | Ø2.7x90 | 2.7 | 90 | FK | O |
| | Ø2.7x90 | 2.7 | 90 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 116826 | Ø3.0x30 | 3.0 | 30 | FK | O |
| | Ø3.0x30 | 3.0 | 30 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 145527 | Ø3.0x31 | 3.0 | 31 | FK | O |
| | Ø3.0x31 | 3.0 | 31 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 108508 | Ø3.0x33 | 3.0 | 33 | FK | O |
| | Ø3.0x33 | 3.0 | 33 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 125886 | Ø3.0x40 | 3.0 | 40 | FK | O |
| | Ø3.0x40 | 3.0 | 40 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 127986 | Ø3.0x45 | 3.0 | 45 | FK | O |
| | Ø3.0x45 | 3.0 | 45 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 125884 | Ø3.0x50 | 3.0 | 50 | FK | O |
| 101787 | Ø3.0x50 | 3.0 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 122416 | Ø3.0x53 | 3.0 | 53 | FK | O |
| | Ø3.0x53 | 3.0 | 53 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 131541 | Ø3.0x60 | 3.0 | 60 | FK | O |
| | Ø3.0x60 | 3.0 | 60 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 138039 | Ø3.0x65 | 3.0 | 65 | FK | O |
| | Ø3.0x65 | 3.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101472 | Ø3.0x100 | 3.0 | 100 | FK | O |
| 101786 | Ø3.0x100 | 3.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 137417 | Ø3.0x160 | 3.0 | 160 | FK | O |
| | Ø3.0x160 | 3.0 | 160 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 116756 | Ø3.0x325 | 3.0 | 325 | FK | O |
| | Ø3.0x325 | 3.0 | 325 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 126838 | Ø3.5x45 | 3.5 | 45 | FK | O |
| | Ø3.5x45 | 3.5 | 45 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 153632 | Ø3.5x46 | 3.5 | 46 | FK | O |
| 124689 | Ø3.5x46 | 3.5 | 46 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 127156 | Ø3.5x50 | 3.5 | 50 | FK | O |
| 101789 | Ø3.5x50 | 3.5 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 126568 | Ø3.5x80 | 3.5 | 80 | FK | O |
| | Ø3.5x80 | 3.5 | 80 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101473 | Ø3.5x100 | 3.5 | 100 | FK | O |
| 101788 | Ø3.5x100 | 3.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 109372 | Ø3.5x325 | 3.5 | 325 | FK | O |
| | Ø3.5x325 | 3.5 | 325 | K10 | ? |

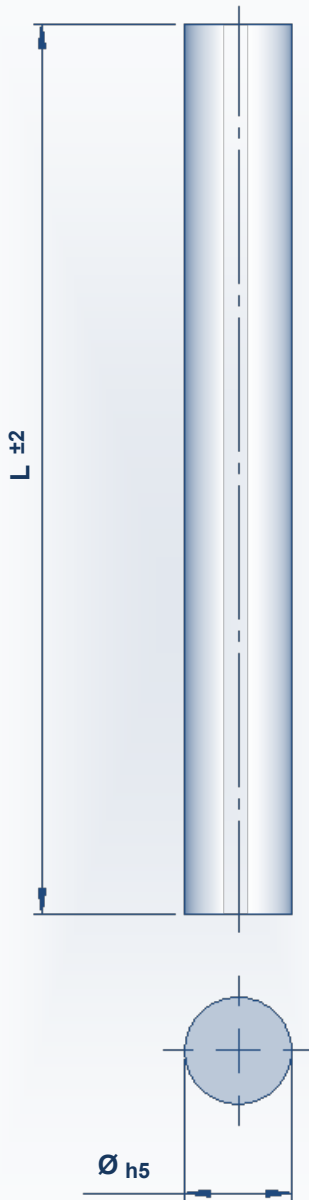
| | | | | | |
|--------|---------|-----|----|-----|---|
| 123495 | Ø4.0x30 | 4.0 | 30 | FK | O |
| | Ø4.0x30 | 4.0 | 30 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 142725 | Ø4.0x33 | 4.0 | 33 | FK | O |
| | Ø4.0x33 | 4.0 | 33 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 149365 | Ø4.0x35 | 4.5 | 35 | FK | O |
| | Ø4.0x35 | 4.5 | 35 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und
geläppt
Execution: ground and lapped
Exécution: polie et rodée



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 130274 | Ø4.0x38 | 4.0 | 38 | FK | O |
| | Ø4.0x38 | 4.0 | 38 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 125505 | Ø4.0x40 | 4.0 | 40 | FK | O |
| | Ø4.0x40 | 4.0 | 40 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 134570 | Ø4.0x44 | 4.0 | 44 | FK | O |
| | Ø4.0x44 | 4.0 | 44 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 124740 | Ø4.0x45 | 4.0 | 45 | FK | O |
| | Ø4.0x45 | 4.0 | 45 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 113422 | Ø4.0x50 | 4.0 | 50 | FK | O |
| | Ø4.0x50 | 4.0 | 50 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 122807 | Ø4.0x52 | 4.0 | 52 | FK | O |
| | Ø4.0x52 | 4.0 | 52 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130499 | Ø4.0x53 | 4.0 | 53 | FK | O |
| | Ø4.0x53 | 4.0 | 53 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 153633 | Ø4.0x60 | 4.0 | 60 | FK | O |
| 101792 | Ø4.0x60 | 4.0 | 60 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 153634 | Ø4.0x75 | 4.0 | 75 | FK | O |
| 101793 | Ø4.0x75 | 4.0 | 75 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101475 | Ø4.0x100 | 4.0 | 100 | FK | O |
| 101790 | Ø4.0x100 | 4.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 155717 | Ø4.0x310 | 4.0 | 310 | FK | O |
| 101791 | Ø4.0x310 | 4.0 | 310 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101476 | Ø4.0x330 | 4.0 | 330 | FK | O |
| | Ø4.0x330 | 4.0 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128316 | Ø4.5x60 | 4.5 | 60 | FK | O |
| | Ø4.5x60 | 4.5 | 60 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 101477 | Ø4.5x100 | 4.5 | 100 | FK | O |
| 101794 | Ø4.5x100 | 4.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 127555 | Ø4.5x330 | 4.5 | 330 | FK | O |
| | Ø4.5x330 | 4.5 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 108507 | Ø5.0x40 | 5.0 | 40 | FK | O |
| | Ø5.0x40 | 5.0 | 40 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 129238 | Ø5.0x47 | 5.0 | 47 | FK | O |
| 123581 | Ø5.0x47 | 5.0 | 47 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 108793 | Ø5.0x50 | 5.0 | 50 | FK | O |
| 125444 | Ø5.0x50 | 5.0 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 123283 | Ø5.0x53 | 5.0 | 53 | FK | O |
| | Ø5.0x53 | 5.0 | 53 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128405 | Ø5.0x60 | 5.0 | 60 | FK | O |
| 101797 | Ø5.0x60 | 5.0 | 60 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 142836 | Ø5.0x65 | 5.0 | 65 | FK | O |
| | Ø5.0x65 | 5.0 | 65 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128406 | Ø5.0x68 | 5.0 | 68 | FK | O |
| | Ø5.0x68 | 5.0 | 68 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 129660 | Ø5.0x93 | 5.0 | 93 | FK | O |
| | Ø5.0x93 | 5.0 | 93 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101481 | Ø5.0x100 | 5.0 | 100 | FK | O |
| 101795 | Ø5.0x100 | 5.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 155718 | Ø5.0x310 | 5.0 | 310 | FK | O |
| 101796 | Ø5.0x310 | 5.0 | 310 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155719 | Ø5.5x50 | 5.5 | 50 | FK | O |
| 101799 | Ø5.5x50 | 5.5 | 50 | K10 | O |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 142819 | Ø5.5x60 | 5.5 | 60 | FK | O |
| | Ø5.5x60 | 5.5 | 60 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128894 | Ø5.5x80 | 5.5 | 80 | FK | O |
| | Ø5.5x80 | 5.5 | 80 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 129753 | Ø5.5x93 | 5.5 | 93 | FK | O |
| | Ø5.5x93 | 5.5 | 93 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101483 | Ø5.5x100 | 5.5 | 100 | FK | O |
| 101798 | Ø5.5x100 | 5.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 125025 | Ø5.5x330 | 5.5 | 330 | FK | O |
| | Ø5.5x330 | 5.5 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 132991 | Ø6.0x34 | 6.0 | 34 | FK | O |
| | Ø6.0x34 | 6.0 | 34 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130019 | Ø6.0x40 | 6.0 | 40 | FK | O |
| | Ø6.0x40 | 6.0 | 40 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 132485 | Ø6.0x45 | 6.0 | 45 | FK | O |
| | Ø6.0x45 | 6.0 | 45 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128504 | Ø6.0x47 | 6.0 | 47 | FK | O |
| | Ø6.0x47 | 6.0 | 47 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 115539 | Ø6.0x50 | 6.0 | 50 | FK | O |
| | Ø6.0x50 | 6.0 | 50 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 137775 | Ø6.0x52 | 6.0 | 52 | FK | O |
| 137931 | Ø6.0x52 | 6.0 | 52 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 131336 | Ø6.0x55 | 6.0 | 55 | FK | O |
| | Ø6.0x55 | 6.0 | 55 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 115538 | Ø6.0x60 | 6.0 | 60 | FK | O |
| | Ø6.0x60 | 6.0 | 60 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und
geläppt
Execution: ground and lapped
Exécution: polie et rodée



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| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 130611 | Ø6.0x65 | 6.0 | 65 | FK | O |
| | Ø6.0x65 | 6.0 | 65 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 128558 | Ø6.0x70 | 6.0 | 70 | FK | O |
| | Ø6.0x70 | 6.0 | 70 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 142674 | Ø6.0x76 | 6.0 | 76 | FK | O |
| | Ø6.0x76 | 6.0 | 76 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 132108 | Ø6.0x80 | 6.0 | 80 | FK | O |
| | Ø6.0x80 | 6.0 | 80 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 137986 | Ø6.0x92 | 6.0 | 92 | FK | O |
| | Ø6.0x92 | 6.0 | 92 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101490 | Ø6.0x100 | 6.0 | 100 | FK | O |
| 101800 | Ø6.0x100 | 6.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 137264 | Ø6.0x110 | 6.0 | 110 | FK | O |
| | Ø6.0x110 | 6.0 | 110 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 122832 | Ø6.0x122 | 6.0 | 122 | FK | O |
| | Ø6.0x122 | 6.0 | 122 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 155720 | Ø6.0x310 | 6.0 | 310 | FK | O |
| 101801 | Ø6.0x310 | 6.0 | 310 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101491 | Ø6.0x330 | 6.0 | 330 | FK | O |
| | Ø6.0x330 | 6.0 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 127158 | Ø6.5x50 | 6.5 | 50 | FK | O |
| 101803 | Ø6.5x50 | 6.5 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155721 | Ø6.5x60 | 6.5 | 60 | FK | O |
| 101804 | Ø6.5x60 | 6.5 | 60 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 141928 | Ø6.5x70 | 6.5 | 70 | FK | O |
| | Ø6.5x70 | 6.5 | 70 | K10 | ? |

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Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 101492 | Ø6.5x100 | 6.5 | 100 | FK | O |
| 101802 | Ø6.5x100 | 6.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 125024 | Ø6.5x330 | 6.5 | 330 | FK | O |
| | Ø6.5x330 | 6.5 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 149525 | Ø7.0x28 | 7.0 | 28 | FK | O |
| | Ø7.0x28 | 7.0 | 28 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 124582 | Ø7.0x50 | 7.0 | 50 | FK | O |
| 101807 | Ø7.0x50 | 7.0 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 114273 | Ø7.0x60 | 7.0 | 60 | FK | O |
| 101808 | Ø7.0x60 | 7.0 | 60 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 136658 | Ø7.0x65 | 7.0 | 65 | FK | O |
| | Ø7.0x65 | 7.0 | 65 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130043 | Ø7.0x74 | 7.0 | 74 | FK | O |
| | Ø7.0x74 | 7.0 | 74 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155723 | Ø7.0x75 | 7.0 | 75 | FK | O |
| 101809 | Ø7.0x75 | 7.0 | 75 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101498 | Ø7.0x100 | 7.0 | 100 | FK | O |
| 101805 | Ø7.0x100 | 7.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 155724 | Ø7.0x310 | 7.0 | 310 | FK | O |
| 101806 | Ø7.0x310 | 7.0 | 310 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101499 | Ø7.0x330 | 7.0 | 330 | FK | O |
| | Ø7.0x330 | 7.0 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155725 | Ø7.5x50 | 7.5 | 50 | FK | O |
| 101811 | Ø7.5x50 | 7.5 | 50 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101500 | Ø7.5x100 | 7.5 | 100 | FK | O |
| 101810 | Ø7.5x100 | 7.5 | 100 | K10 | O |

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Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 113821 | Ø7.5x330 | 7.5 | 330 | FK | O |
| | Ø7.5x330 | 7.5 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155727 | Ø8.0x30 | 8.0 | 30 | FK | O |
| 130484 | Ø8.0x30 | 8.0 | 30 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155728 | Ø8.0x45 | 8.0 | 45 | FK | O |
| 130483 | Ø8.0x45 | 8.0 | 45 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155729 | Ø8.0x50 | 8.0 | 50 | FK | O |
| 124621 | Ø8.0x50 | 8.0 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155730 | Ø8.0x52 | 8.0 | 52 | FK | O |
| 125143 | Ø8.0x52 | 8.0 | 52 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 124351 | Ø8.0x60 | 8.0 | 60 | FK | O |
| | Ø8.0x60 | 8.0 | 60 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 134779 | Ø8.0x64 | 8.0 | 64 | FK | O |
| | Ø8.0x64 | 8.0 | 64 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 137561 | Ø8.0x65 | 8.0 | 65 | FK | O |
| | Ø8.0x65 | 8.0 | 65 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 125969 | Ø8.0x70 | 8.0 | 70 | FK | O |
| 125144 | Ø8.0x70 | 8.0 | 70 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 132408 | Ø8.0x79 | 8.0 | 79 | FK | O |
| | Ø8.0x79 | 8.0 | 79 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 139031 | Ø8.0x80 | 8.0 | 80 | FK | O |
| 122581 | Ø8.0x80 | 8.0 | 80 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101502 | Ø8.0x100 | 8.0 | 100 | FK | O |
| 101812 | Ø8.0x100 | 8.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 155731 | Ø8.0x310 | 8.0 | 310 | FK | O |
| 101813 | Ø8.0x310 | 8.0 | 310 | K10 | O |

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Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 101503 | Ø8.0x330 | 8.0 | 330 | FK | O |
| | Ø8.0x330 | 8.0 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155732 | Ø8.5x50 | 8.5 | 50 | FK | O |
| 101815 | Ø8.5x50 | 8.5 | 50 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101504 | Ø8.5x100 | 8.5 | 100 | FK | O |
| 101814 | Ø8.5x100 | 8.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 112361 | Ø8.5x330 | 8.5 | 330 | FK | O |
| | Ø8.5x330 | 8.5 | 330 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155733 | Ø9.0x50 | 9.0 | 50 | FK | O |
| 101818 | Ø9.0x50 | 9.0 | 50 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 113472 | Ø9.0x60 | 9.0 | 60 | FK | O |
| 101819 | Ø9.0x60 | 9.0 | 60 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 130067 | Ø9.0x65 | 9.0 | 65 | FK | O |
| | Ø9.0x65 | 9.0 | 65 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 123354 | Ø9.0x70 | 9.0 | 70 | FK | O |
| | Ø9.0x70 | 9.0 | 70 | K10 | ? |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155734 | Ø9.0x75 | 9.0 | 75 | FK | O |
| 101820 | Ø9.0x75 | 9.0 | 75 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 131338 | Ø9.0x80 | 9.0 | 80 | FK | O |
| | Ø9.0x80 | 9.0 | 80 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 101513 | Ø9.0x100 | 9.0 | 100 | FK | O |
| 101816 | Ø9.0x100 | 9.0 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 108033 | Ø9.0x330 | 9.0 | 330 | FK | O |
| 101817 | Ø9.0x330 | 9.0 | 330 | K10 | O |

| | | | | | |
|--------|---------|-----|----|-----|---|
| 155735 | Ø9.5x50 | 9.5 | 50 | FK | O |
| 101822 | Ø9.5x50 | 9.5 | 50 | K10 | O |

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Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 101514 | Ø9.5x100 | 9.5 | 100 | FK | O |
| 101821 | Ø9.5x100 | 9.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 121392 | Ø9.5x210 | 9.5 | 210 | FK | O |
| | Ø9.5x210 | 9.5 | 210 | K10 | ? |

| | | | | | |
|--------|----------|-----|-----|-----|---|
| 119636 | Ø9.5x310 | 9.5 | 310 | FK | O |
| | Ø9.5x310 | 9.5 | 310 | K10 | ? |

| | | | | | |
|--------|----------|------|----|----|---|
| 127684 | Ø10.0x50 | 10.0 | 50 | FK | O |
| 124348 | Ø10.0x50 | 10.0 | 50 | 50 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 135112 | Ø10.0x53 | 10.0 | 53 | FK | O |
| | Ø10.0x53 | 10.0 | 53 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 129583 | Ø10.0x54 | 10.0 | 54 | FK | O |
| | Ø10.0x54 | 10.0 | 54 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 129582 | Ø10.0x58 | 10.0 | 58 | FK | O |
| | Ø10.0x58 | 10.0 | 58 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 112495 | Ø10.0x60 | 10.0 | 60 | FK | O |
| 124620 | Ø10.0x60 | 10.0 | 60 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128197 | Ø10.0x65 | 10.0 | 65 | FK | O |
| | Ø10.0x65 | 10.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 136861 | Ø10.0x70 | 10.0 | 70 | FK | O |
| | Ø10.0x70 | 10.0 | 70 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 137855 | Ø10.0x72 | 10.0 | 72 | FK | O |
| | Ø10.0x72 | 10.0 | 72 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 138404 | Ø10.0x86 | 10.0 | 86 | FK | O |
| | Ø10.0x86 | 10.0 | 86 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 131621 | Ø10.0x89 | 10.0 | 89 | FK | O |
| | Ø10.0x89 | 10.0 | 89 | K10 | ? |

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Ausführung: geschliffen und geläppt
Execution: ground and lapped
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|--------------------------------------|--|------|----|-----------------------------------|---|
| 135002 | Ø10.0x90 | 10.0 | 90 | FK | O |
| | Ø10.0x90 | 10.0 | 90 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101407 | Ø10.0x100 | 10.0 | 100 | FK | O |
| 101752 | Ø10.0x100 | 10.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101408 | Ø10.0x330 | 10.0 | 330 | FK | O |
| 101753 | Ø10.0x330 | 10.0 | 330 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155736 | Ø10.5x50 | 10.5 | 50 | FK | O |
| 101755 | Ø10.5x50 | 10.5 | 50 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101409 | Ø10.5x100 | 10.5 | 100 | FK | O |
| 101754 | Ø10.5x100 | 10.5 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155737 | Ø10.5x310 | 10.5 | 310 | FK | O |
| 109182 | Ø10.5x310 | 10.5 | 310 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155738 | Ø11.0x50 | 11.0 | 50 | FK | O |
| 101758 | Ø11.0x50 | 11.0 | 50 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128078 | Ø11.0x60 | 11.0 | 60 | FK | O |
| | Ø11.0x60 | 11.0 | 60 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 131193 | Ø11.0x65 | 11.0 | 65 | FK | O |
| | Ø11.0x65 | 11.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 125277 | Ø11.0x70 | 11.0 | 70 | FK | O |
| | Ø11.0x70 | 11.0 | 70 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155739 | Ø11.0x75 | 11.0 | 75 | FK | O |
| 101759 | Ø11.0x75 | 11.0 | 75 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 127574 | Ø11.0x80 | 11.0 | 80 | FK | O |
| | Ø11.0x80 | 11.0 | 80 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 127554 | Ø11.0x96 | 11.0 | 96 | FK | O |
| | Ø11.0x96 | 11.0 | 96 | K10 | ? |

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Ausführung: geschliffen und geläppt
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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 101419 | Ø11.0x100 | 11.0 | 100 | FK | O |
| 101756 | Ø11.0x100 | 11.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155742 | Ø11.0x310 | 11.0 | 310 | FK | O |
| 101757 | Ø11.0x310 | 11.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108031 | Ø11.0x330 | 11.0 | 330 | FK | O |
| | Ø11.0x330 | 11.0 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155743 | Ø11.5x50 | 11.5 | 50 | FK | O |
| 101761 | Ø11.5x50 | 11.5 | 50 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101420 | Ø11.5x100 | 11.5 | 100 | FK | O |
| 101760 | Ø11.5x100 | 11.5 | 100 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155744 | Ø12.0x50 | 12.0 | 50 | FK | O |
| 101764 | Ø12.0x50 | 12.0 | 50 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 135164 | Ø12.0x60 | 12.0 | 60 | FK | O |
| 124349 | Ø12.0x60 | 12.0 | 60 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 126262 | Ø12.0x65 | 12.0 | 65 | FK | O |
| | Ø12.0x65 | 12.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 127975 | Ø12.0x70 | 12.0 | 70 | FK | O |
| | Ø12.0x70 | 12.0 | 70 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155745 | Ø12.0x75 | 12.0 | 75 | FK | O |
| 101765 | Ø12.0x75 | 12.0 | 75 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 125279 | Ø12.0x80 | 12.0 | 80 | FK | O |
| | Ø12.0x80 | 12.0 | 80 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101422 | Ø12.0x100 | 12.0 | 100 | FK | O |
| 101762 | Ø12.0x100 | 12.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 131711 | Ø12.0x117 | 12.0 | 117 | FK | O |
| | Ø12.0x117 | 12.0 | 117 | K10 | ? |

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Ausführung: geschliffen und geläppt
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|--------------------------------------|--|------|-----|-----------------------------------|---|
| 124459 | Ø12.0x123 | 12.0 | 123 | FK | O |
| | Ø12.0x123 | 12.0 | 123 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 131693 | Ø12.0x126 | 12.0 | 126 | FK | O |
| | Ø12.0x126 | 12.0 | 126 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155746 | Ø12.0x310 | 12.0 | 310 | FK | O |
| 101763 | Ø12.0x310 | 12.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101423 | Ø12.0x330 | 12.0 | 330 | FK | O |
| | Ø12.0x330 | 12.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155747 | Ø12.5x310 | 12.5 | 310 | FK | O |
| 111789 | Ø12.5x310 | 12.5 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108673 | Ø12.5x330 | 12.5 | 330 | FK | O |
| | Ø12.5x330 | 12.5 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 135788 | Ø13.0x60 | 13.0 | 60 | FK | O |
| 101768 | Ø13.0x60 | 13.0 | 60 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101433 | Ø13.0x100 | 13.0 | 100 | FK | O |
| | Ø13.0x100 | 13.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155748 | Ø13.0x310 | 13.0 | 310 | FK | O |
| 101767 | Ø13.0x310 | 13.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 107440 | Ø13.0x330 | 13.0 | 330 | FK | O |
| | Ø13.0x330 | 13.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 146516 | Ø13.5x130 | 13.5 | 130 | FK | O |
| | Ø13.5x130 | 13.5 | 130 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 121361 | Ø13.5x330 | 13.5 | 330 | FK | O |
| | Ø13.5x330 | 13.5 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 127910 | Ø14.0x60 | 14.0 | 60 | FK | O |
| | Ø14.0x60 | 14.0 | 60 | K10 | ? |

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Ausführung: geschliffen und geläppt
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|--------------------------------------|--|------|----|-----------------------------------|---|
| 142436 | Ø14.0x65 | 14.0 | 65 | FK | O |
| | Ø14.0x65 | 14.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 130454 | Ø14.0x75 | 14.0 | 75 | FK | O |
| | Ø14.0x75 | 14.0 | 75 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101438 | Ø14.0x100 | 14.0 | 100 | FK | O |
| 101769 | Ø14.0x100 | 14.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155749 | Ø14.0x310 | 14.0 | 310 | FK | O |
| 101770 | Ø14.0x310 | 14.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108506 | Ø14.0x330 | 14.0 | 330 | FK | O |
| | Ø14.0x330 | 14.0 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155750 | Ø15.0x50 | 15.0 | 50 | FK | O |
| 125100 | Ø15.0x50 | 15.0 | 50 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155751 | Ø15.0x60 | 15.0 | 60 | FK | O |
| 124350 | Ø15.0x60 | 15.0 | 60 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128396 | Ø15.0x63 | 15.0 | 63 | FK | O |
| | Ø15.0x63 | 15.0 | 63 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 129683 | Ø15.0x70 | 15.0 | 70 | FK | O |
| | Ø15.0x70 | 15.0 | 70 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 133727 | Ø15.0x75 | 15.0 | 75 | FK | O |
| | Ø15.0x75 | 15.0 | 75 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101445 | Ø15.0x100 | 15.0 | 100 | FK | O |
| 101771 | Ø15.0x100 | 15.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155752 | Ø15.0x310 | 15.0 | 310 | FK | O |
| 101772 | Ø15.0x310 | 15.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101446 | Ø15.0x330 | 15.0 | 330 | FK | O |
| | Ø15.0x330 | 15.0 | 330 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|----|-----------------------------------|---|
| 128538 | Ø16.0x50 | 16.0 | 50 | FK | O |
| | Ø16.0x50 | 16.0 | 50 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 138387 | Ø16.0x60 | 16.0 | 60 | FK | O |
| | Ø16.0x60 | 16.0 | 60 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 142435 | Ø16.0x65 | 16.0 | 65 | FK | O |
| | Ø16.0x65 | 16.0 | 65 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 138801 | Ø16.0x93 | 16.0 | 93 | FK | O |
| | Ø16.0x93 | 16.0 | 93 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101450 | Ø16.0x100 | 16.0 | 100 | FK | O |
| 101773 | Ø16.0x100 | 16.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 123020 | Ø16.0x104 | 16.0 | 104 | FK | O |
| | Ø16.0x104 | 16.0 | 104 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 127481 | Ø16.0x122 | 16.0 | 122 | FK | O |
| | Ø16.0x122 | 16.0 | 122 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 145200 | Ø16.0x153 | 16.0 | 153 | FK | O |
| | Ø16.0x153 | 16.0 | 153 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 130314 | Ø16.0x270 | 16.0 | 270 | FK | O |
| | Ø16.0x270 | 16.0 | 270 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155754 | Ø16.0x310 | 16.0 | 310 | FK | O |
| 101774 | Ø16.0x330 | 16.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108067 | Ø16.0x330 | 16.0 | 330 | FK | O |
| | Ø16.0x330 | 16.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101457 | Ø17.0x100 | 17.0 | 100 | FK | O |
| 101775 | Ø17.0x100 | 17.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 131444 | Ø17.0x110 | 17.0 | 110 | FK | O |
| | Ø17.0x110 | 17.0 | 110 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 129883 | Ø17.0x140 | 17.0 | 140 | FK | O |
| | Ø17.0x140 | 17.0 | 140 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155755 | Ø17.0x310 | 17.0 | 310 | FK | O |
| 101776 | Ø17.0x310 | 17.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108875 | Ø17.0x330 | 17.0 | 330 | FK | O |
| | Ø17.0x330 | 17.0 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 139001 | Ø18.0x60 | 18.0 | 60 | FK | O |
| 127725 | Ø18.0x60 | 18.0 | 60 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 155756 | Ø18.0x50 | 18.0 | 50 | FK | O |
| 128138 | Ø18.0x50 | 18.0 | 50 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128397 | Ø18.0x63 | 18.0 | 63 | FK | O |
| | Ø18.0x63 | 18.0 | 63 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101458 | Ø18.0x100 | 18.0 | 100 | FK | O |
| 101777 | Ø18.0x100 | 18.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 133972 | Ø18.0x110 | 18.0 | 110 | FK | O |
| | Ø18.0x110 | 18.0 | 110 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 137414 | Ø18.0x122 | 18.0 | 122 | FK | O |
| | Ø18.0x122 | 18.0 | 122 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155757 | Ø18.0x310 | 18.0 | 310 | FK | O |
| 101778 | Ø18.0x310 | 18.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108796 | Ø18.0x330 | 18.0 | 330 | FK | O |
| | Ø18.0x330 | 18.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101459 | Ø19.0x100 | 19.0 | 100 | FK | O |
| 101779 | Ø19.0x100 | 19.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 131447 | Ø19.0x110 | 19.0 | 110 | FK | O |
| | Ø19.0x110 | 19.0 | 110 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 111510 | Ø19.0x330 | 19.0 | 330 | FK | O |
| | Ø19.0x330 | 19.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155758 | Ø19.0x310 | 19.0 | 310 | FK | O |
| 101780 | Ø19.0x310 | 19.0 | 310 | K10 | O |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128098 | Ø20.0x65 | 20.0 | 65 | FK | O |
| | Ø20.0x65 | 20.0 | 65 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101462 | Ø20.0x100 | 20.0 | 100 | FK | O |
| 101783 | Ø20.0x100 | 20.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 138391 | Ø20.0x110 | 20.0 | 110 | FK | O |
| | Ø20.0x110 | 20.0 | 110 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155759 | Ø20.0x155 | 20.0 | 155 | FK | O |
| 124251 | Ø20.0x155 | 20.0 | 155 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 136472 | Ø20.0x235 | 20.0 | 235 | FK | O |
| | Ø20.0x235 | 20.0 | 235 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 136473 | Ø20.0x270 | 20.0 | 270 | FK | O |
| | Ø20.0x270 | 20.0 | 270 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155760 | Ø20.0x310 | 20.0 | 310 | FK | O |
| 101784 | Ø20.0x310 | 20.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 101463 | Ø20.0x330 | 20.0 | 330 | FK | O |
| | Ø20.0x330 | 20.0 | 330 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 128757 | Ø21.0x80 | 21.0 | 80 | FK | O |
| | Ø21.0x80 | 21.0 | 80 | K10 | ? |

| | | | | | |
|--------|----------|------|----|-----|---|
| 127328 | Ø21.0x95 | 21.0 | 95 | FK | O |
| | Ø21.0x95 | 21.0 | 95 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155762 | Ø21.0x100 | 21.0 | 100 | FK | O |
| | Ø21.0x100 | 21.0 | 100 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 109468 | Ø21.0x330 | 21.0 | 330 | FK | O |
| | Ø21.0x330 | 21.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 110399 | Ø22.0x100 | 22.0 | 100 | FK | O |
| | Ø22.0x100 | 22.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155763 | Ø22.0x310 | 22.0 | 310 | FK | O |
| 101785 | Ø22.0x310 | 22.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 111586 | Ø22.0x330 | 22.0 | 330 | FK | O |
| | Ø22.0x330 | 22.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155764 | Ø23.0x100 | 23.0 | 100 | FK | O |
| | Ø23.0x100 | 23.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155765 | Ø23.0x310 | 23.0 | 310 | FK | O |
| 108833 | Ø23.0x310 | 23.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 109183 | Ø23.0x330 | 23.0 | 330 | FK | O |
| | Ø23.0x330 | 23.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155766 | Ø24.0x100 | 24.0 | 100 | FK | O |
| | Ø24.0x100 | 24.0 | 100 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 122455 | Ø24.0x330 | 24.0 | 330 | FK | ? |
| | Ø24.0x330 | 24.0 | 330 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 139775 | Ø25.0x100 | 25.0 | 100 | FK | O |
| | Ø25.0x100 | 25.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 135197 | Ø25.0x115 | 25.0 | 115 | FK | O |
| | Ø25.0x115 | 25.0 | 115 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 136604 | Ø25.0x235 | 25.0 | 235 | FK | O |
| | Ø25.0x235 | 25.0 | 235 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 136605 | Ø25.0x270 | 25.0 | 270 | FK | O |
| | Ø25.0x270 | 25.0 | 270 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und
geläppt
Execution: ground and lapped
Exécution: polie et rodée



Lagerhaltig
 in stock
 du stock

auf Anfrage
 on request
 sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 155767 | Ø25.0x310 | 25.0 | 310 | FK | O |
| 107438 | Ø25.0x310 | 25.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 108915 | Ø25.0x330 | 25.0 | 330 | FK | O |
| | Ø25.0x330 | 25.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 134487 | Ø26.0x100 | 26.0 | 100 | FK | O |
| | Ø26.0x100 | 26.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 111105 | Ø26.0x330 | 26.0 | 330 | FK | O |
| | Ø26.0x330 | 26.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155768 | Ø27.0x100 | 27.0 | 100 | FK | O |
| | Ø27.0x100 | 27.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 135232 | Ø27.0x330 | 27.0 | 330 | FK | O |
| | Ø27.0x330 | 27.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155769 | Ø28.0x100 | 28.0 | 100 | FK | O |
| | Ø28.0x100 | 28.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| | Ø28.0x310 | 28.0 | 310 | FK | ? |
| 108982 | Ø28.0x310 | 28.0 | 310 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 129927 | Ø28.0x330 | 28.0 | 330 | FK | O |
| | Ø28.0x330 | 28.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155770 | Ø30.0x100 | 30.0 | 100 | FK | O |
| | Ø30.0x100 | 30.0 | 100 | K10 | ? |

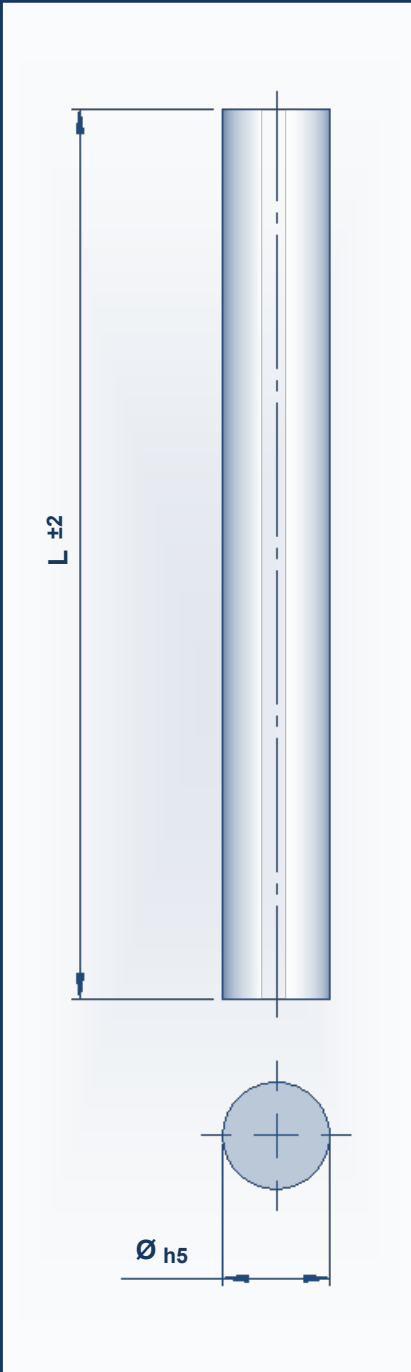
| | | | | | |
|--------|----------|------|----|-----|---|
| 129984 | Ø30.0x50 | 30.0 | 50 | FK | O |
| | Ø30.0x50 | 30.0 | 50 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 128450 | Ø30.0x330 | 30.0 | 330 | FK | O |
| 114024 | Ø30.0x330 | 30.0 | 330 | K10 | O |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155771 | Ø32.0x100 | 32.0 | 100 | FK | O |
| | Ø32.0x100 | 32.0 | 100 | K10 | ? |

Rab.Gr. 66

Ausführung: geschliffen und geläppt
Execution: ground and lapped
Exécution: polie et rodée



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | Ø h5 | L | Werkstoff Material Matériau | |
|--------------------------------------|--|------|-----|-----------------------------------|---|
| 109291 | Ø32.0x330 | 32.0 | 330 | FK | O |
| | Ø32.0x330 | 32.0 | 330 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 155772 | Ø34.0x100 | 34.0 | 100 | FK | O |
| | Ø34.0x100 | 34.0 | 100 | K10 | ? |

| | | | | | |
|--------|-----------|------|-----|-----|---|
| 117678 | Ø34.0x330 | 34.0 | 330 | FK | O |
| | Ø34.0x330 | 34.0 | 330 | K10 | ? |

| | | | | | |
|--|--|--|--|--|--|
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| | | | | | |

Rab.Gr. 66

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| | | | | | |

Auch mit Innenkühlkanal mit Drall , 2 Parallelen oder Zusatztoleranzen erhältlich

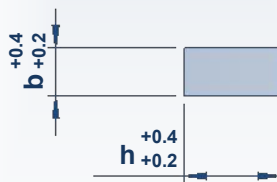
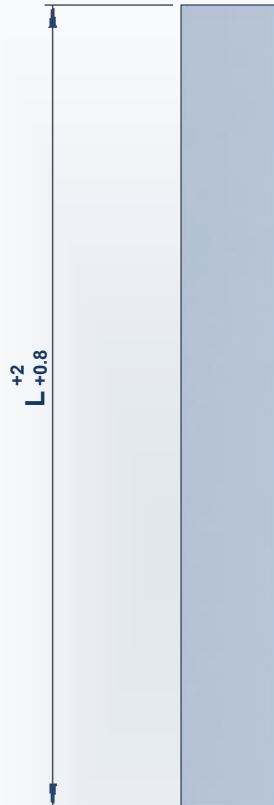
Also available with internal coolant channel, twisted or with two parallel channels and additional tolerances

Aussi disponible avec canal de lubrification, à copeaux hélicoïdaux, ou deux canaux parallèles et des tolérances supplémentaires

- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 101484 | 1.5x5.0x100 | 1.5 | 5.0 | 100 | FK | <input type="radio"/> |
| 155800 | 1.5x5.0x100 | 1.5 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101505 | 1.5x8.0x100 | 1.5 | 8.0 | 100 | FK | <input type="radio"/> |
| 155801 | 1.5x8.0x100 | 1.5 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101410 | 1.5x10.0x100 | 1.5 | 10.0 | 100 | FK | <input type="radio"/> |
| 155802 | 1.5x10.0x100 | 1.5 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101424 | 1.5x12.0x100 | 1.5 | 12.0 | 100 | FK | <input type="radio"/> |
| 155803 | 1.5x12.0x100 | 1.5 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155842 | 2.0x3.0x100 | 2.0 | 3.0 | 100 | FK | <input type="radio"/> |
| 155804 | 2.0x3.0x100 | 2.0 | 3.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101478 | 2.0x4.0x100 | 2.0 | 4.0 | 100 | FK | <input type="radio"/> |
| 155805 | 2.0x4.0x100 | 2.0 | 4.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101486 | 2.0x5.0x100 | 2.0 | 5.0 | 100 | FK | <input type="radio"/> |
| 101836 | 2.0x5.0x100 | 2.0 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101494 | 2.0x6.0x100 | 2.0 | 6.0 | 100 | FK | <input type="radio"/> |
| 101837 | 2.0x6.0x100 | 2.0 | 6.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101507 | 2.0x8.0x100 | 2.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 101838 | 2.0x8.0x100 | 2.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155843 | 2.0x9.0x100 | 2.0 | 9.0 | 100 | FK | <input type="radio"/> |
| 155806 | 2.0x9.0x100 | 2.0 | 9.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101413 | 2.0x10.0x100 | 2.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101831 | 2.0x10.0x100 | 2.0 | 10.0 | 100 | K10 | <input type="radio"/> |

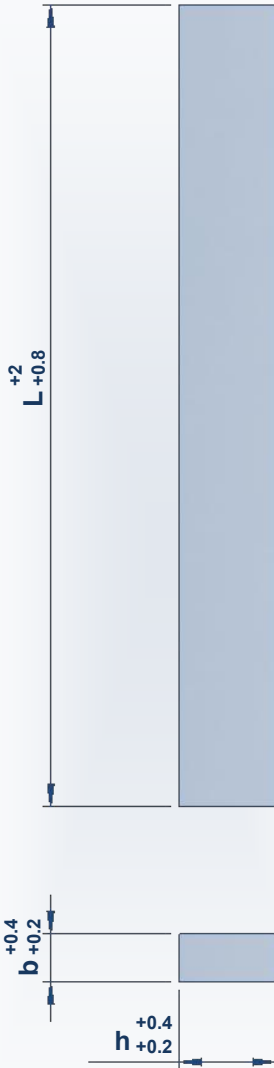
| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155844 | 2.0x11.0x100 | 2.0 | 11.0 | 100 | FK | <input type="radio"/> |
| 155807 | 2.0x11.0x100 | 2.0 | 11.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101427 | 2.0x12.0x100 | 2.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101832 | 2.0x12.0x100 | 2.0 | 12.0 | 100 | K10 | <input type="radio"/> |
| | Rab.Gr. 72 | | | | | |

Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 155845 | 2.0x13.0x100 | 2.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 155808 | 2.0x13.0x100 | 2.0 | 13.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101440 | 2.0x14.0x100 | 2.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101833 | 2.0x14.0x100 | 2.0 | 14.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155846 | 2.0x15.0x100 | 2.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 155809 | 2.0x15.0x100 | 2.0 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101451 | 2.0x16.0x100 | 2.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101834 | 2.0x16.0x100 | 2.0 | 16.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101464 | 2.0x20.0x100 | 2.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 155876 | 2.0x20.0x100 | 2.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155847 | 2.0x25.0x100 | 2.0 | 25.0 | 100 | FK | <input type="radio"/> |
| 155810 | 2.0x25.0x100 | 2.0 | 25.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155848 | 2.5x3.5x100 | 2.5 | 3.5 | 100 | FK | <input type="radio"/> |
| 155811 | 2.5x3.5x100 | 2.5 | 3.5 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101485 | 2.5x5.0x100 | 2.5 | 5.0 | 100 | FK | <input type="radio"/> |
| 155812 | 2.5x5.0x100 | 2.5 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101493 | 2.5x6.0x100 | 2.5 | 6.0 | 100 | FK | <input type="radio"/> |
| 155813 | 2.5x6.0x100 | 2.5 | 6.0 | 100 | K10 | <input type="radio"/> |

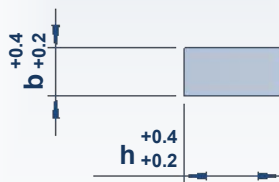
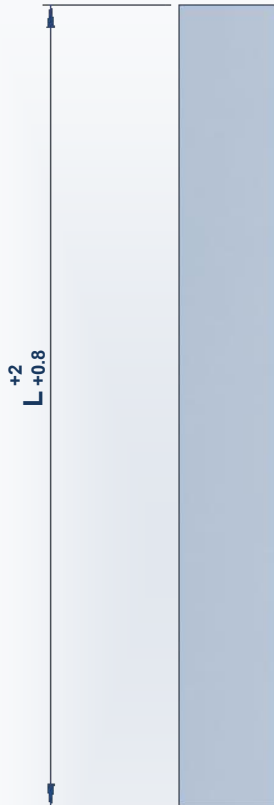
| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155849 | 2.5x7.0x100 | 2.5 | 7.0 | 100 | FK | <input type="radio"/> |
| 155814 | 2.5x7.0x100 | 2.5 | 7.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101506 | 2.5x8.0x100 | 2.5 | 8.0 | 100 | FK | <input type="radio"/> |
| 155815 | 2.5x8.0x100 | 2.5 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155850 | 2.5x9.0x100 | 2.5 | 9.0 | 100 | FK | <input type="radio"/> |
| 155816 | 2.5x9.0x100 | 2.5 | 9.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101412 | 2.5x10.0x100 | 2.5 | 10.0 | 100 | FK | <input type="radio"/> |
| 155817 | 2.5x10.0x100 | 2.5 | 10.0 | 100 | K10 | <input type="radio"/> |
| | Rab.Gr. 72 | | | | | |

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 101426 | 2.5x12.0x100 | 2.5 | 12.0 | 100 | FK | <input type="radio"/> |
| 155818 | 2.5x12.0x100 | 2.5 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101448 | 2.5x15.0x100 | 2.5 | 15.0 | 100 | FK | <input type="radio"/> |
| 155819 | 2.5x15.0x100 | 2.5 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101479 | 3.0x4.0x100 | 3.0 | 4.0 | 100 | FK | <input type="radio"/> |
| 101850 | 3.0x4.0x100 | 3.0 | 4.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101487 | 3.0x5.0x100 | 3.0 | 5.0 | 100 | FK | <input type="radio"/> |
| 101851 | 3.0x5.0x100 | 3.0 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101495 | 3.0x6.0x100 | 3.0 | 6.0 | 100 | FK | <input type="radio"/> |
| 101852 | 3.0x6.0x100 | 3.0 | 6.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155851 | 3.0x7.0x100 | 3.0 | 7.0 | 100 | FK | <input type="radio"/> |
| 155820 | 3.0x7.0x100 | 3.0 | 7.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101508 | 3.0x8.0x100 | 3.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 101853 | 3.0x8.0x100 | 3.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155852 | 3.0x9.0x100 | 3.0 | 9.0 | 100 | FK | <input type="radio"/> |
| 155821 | 3.0x9.0x100 | 3.0 | 9.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101414 | 3.0x10.0x100 | 3.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101839 | 3.0x10.0x100 | 3.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155853 | 3.0x11.0x100 | 3.0 | 11.0 | 100 | FK | <input type="radio"/> |
| 155822 | 3.0x11.0x100 | 3.0 | 11.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101428 | 3.0x12.0x100 | 3.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101840 | 3.0x12.0x100 | 3.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155854 | 3.0x13.0x100 | 3.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 155823 | 3.0x13.0x100 | 3.0 | 13.0 | 100 | K10 | <input type="radio"/> |

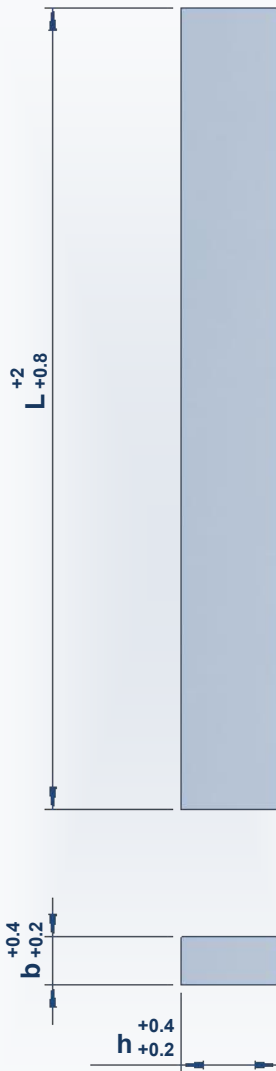
| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101441 | 3.0x14.0x100 | 3.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101841 | 3.0x14.0x100 | 3.0 | 14.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--|------------|--|--|--|--|--|
| | Rab.Gr. 72 | | | | | |
|--|------------|--|--|--|--|--|

Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage

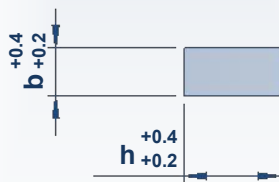
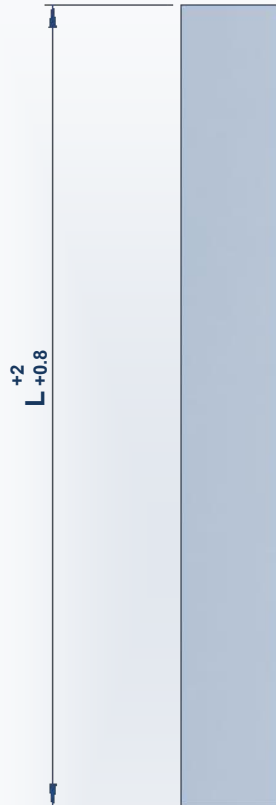


Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b <small>+0.4 +0.2</small> | h <small>+0.8 +0.4</small> | L <small>+2 +0.8</small> | Werkstoff Material Matériau | |
|--------------------------------------|--|-----------------------------------|-----------------------------------|---------------------------------|-----------------------------------|-----------------------|
| 155855 | 3.0x15.0x100 | 3.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 101842 | 3.0x15.0x100 | 3.0 | 15.0 | 100 | K10 | <input type="radio"/> |
| 101452 | 3.0x16.0x100 | 3.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101843 | 3.0x16.0x100 | 3.0 | 16.0 | 100 | K10 | <input type="radio"/> |
| 155856 | 3.0x18.0x100 | 3.0 | 18.0 | 100 | FK | <input type="radio"/> |
| 101844 | 3.0x18.0x100 | 3.0 | 18.0 | 100 | K10 | <input type="radio"/> |
| 101465 | 3.0x20.0x100 | 3.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 101845 | 3.0x20.0x100 | 3.0 | 20.0 | 100 | K10 | <input type="radio"/> |
| 155857 | 3.0x22.0x100 | 3.0 | 22.0 | 100 | FK | <input type="radio"/> |
| 101846 | 3.0x22.0x100 | 3.0 | 22.0 | 100 | K10 | <input type="radio"/> |
| 155858 | 3.0x25.0x100 | 3.0 | 25.0 | 100 | FK | <input type="radio"/> |
| 101847 | 3.0x25.0x100 | 3.0 | 25.0 | 100 | K10 | <input type="radio"/> |
| 155859 | 3.0x30.0x100 | 3.0 | 30.0 | 100 | FK | <input type="radio"/> |
| 101848 | 3.0x30.0x100 | 3.0 | 30.0 | 100 | K10 | <input type="radio"/> |
| 155860 | 3.5x5.0x100 | 3.5 | 5.0 | 100 | FK | <input type="radio"/> |
| 155824 | 3.5x5.0x100 | 3.5 | 5.0 | 100 | K10 | <input type="radio"/> |
| 155861 | 3.5x6.0x100 | 3.5 | 6.0 | 100 | FK | <input type="radio"/> |
| 155825 | 3.5x6.0x100 | 3.5 | 6.0 | 100 | K10 | <input type="radio"/> |
| 155862 | 3.5x7.0x100 | 3.5 | 7.0 | 100 | FK | <input type="radio"/> |
| 155826 | 3.5x7.0x100 | 3.5 | 7.0 | 100 | K10 | <input type="radio"/> |
| 155863 | 3.5x8.0x100 | 3.5 | 8.0 | 100 | FK | <input type="radio"/> |
| 155827 | 3.5x8.0x100 | 3.5 | 8.0 | 100 | K10 | <input type="radio"/> |
| 155864 | 3.5x9.0x100 | 3.5 | 9.0 | 100 | FK | <input type="radio"/> |
| 155828 | 3.5x9.0x100 | 3.5 | 9.0 | 100 | K10 | <input type="radio"/> |
| 155865 | 3.5x10.0x100 | 3.5 | 10.0 | 100 | FK | <input type="radio"/> |
| 155829 | 3.5x10.0x100 | 3.5 | 10.0 | 100 | K10 | <input type="radio"/> |
| | Rab.Gr. 72 | | | | | |

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 155866 | 3.5x12.0x100 | 3.5 | 12.0 | 100 | FK | <input type="radio"/> |
| 155830 | 3.5x12.0x100 | 3.5 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155867 | 3.5x13.0x100 | 3.5 | 13.0 | 100 | FK | <input type="radio"/> |
| 155831 | 3.5x13.0x100 | 3.5 | 13.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155868 | 3.5x15.0x100 | 3.5 | 15.0 | 100 | FK | <input type="radio"/> |
| 155832 | 3.5x15.0x100 | 3.5 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101488 | 4.0x5.0x100 | 4.0 | 5.0 | 100 | FK | <input type="radio"/> |
| 101864 | 4.0x5.0x100 | 4.0 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101496 | 4.0x6.0x100 | 4.0 | 6.0 | 100 | FK | <input type="radio"/> |
| 101865 | 4.0x6.0x100 | 4.0 | 6.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155869 | 4.0x7.0x100 | 4.0 | 7.0 | 100 | FK | <input type="radio"/> |
| 155833 | 4.0x7.0x100 | 4.0 | 7.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101509 | 4.0x8.0x100 | 4.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 101866 | 4.0x8.0x100 | 4.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 155870 | 4.0x9.0x100 | 4.0 | 9.0 | 100 | FK | <input type="radio"/> |
| 155834 | 4.0x9.0x100 | 4.0 | 9.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101415 | 4.0x10.0x100 | 4.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101854 | 4.0x10.0x100 | 4.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155871 | 4.0x11.0x100 | 4.0 | 11.0 | 100 | FK | <input type="radio"/> |
| 155835 | 4.0x11.0x100 | 4.0 | 11.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101429 | 4.0x12.0x100 | 4.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101855 | 4.0x12.0x100 | 4.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101435 | 4.0x13.0x100 | 4.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 155836 | 4.0x13.0x100 | 4.0 | 13.0 | 100 | K10 | <input type="radio"/> |

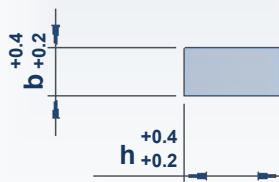
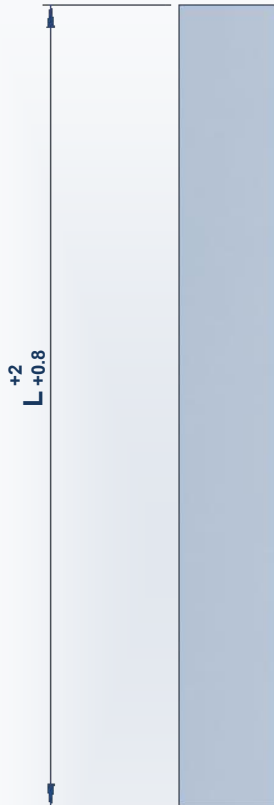
| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101442 | 4.0x14.0x100 | 4.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101856 | 4.0x14.0x100 | 4.0 | 14.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--|------------|--|--|--|--|--|
| | Rab.Gr. 72 | | | | | |
|--|------------|--|--|--|--|--|

Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 101449 | 4.0x15.0x100 | 4.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 155837 | 4.0x15.0x100 | 4.0 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101453 | 4.0x16.0x100 | 4.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101857 | 4.0x16.0x100 | 4.0 | 16.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155872 | 4.0x18.0x100 | 4.0 | 18.0 | 100 | FK | <input type="radio"/> |
| 101858 | 4.0x18.0x100 | 4.0 | 18.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101466 | 4.0x20.0x100 | 4.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 101859 | 4.0x20.0x100 | 4.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155873 | 4.0x22.0x100 | 4.0 | 22.0 | 100 | FK | <input type="radio"/> |
| 101860 | 4.0x22.0x100 | 4.0 | 22.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155874 | 4.0x25.0x100 | 4.0 | 25.0 | 100 | FK | <input type="radio"/> |
| 101861 | 4.0x25.0x100 | 4.0 | 25.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 155875 | 4.0x30.0x100 | 4.0 | 30.0 | 100 | FK | <input type="radio"/> |
| 101862 | 4.0x30.0x100 | 4.0 | 30.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152574 | 4.5x10.0x100 | 4.5 | 10.0 | 100 | FK | <input type="radio"/> |
| 152575 | 4.5x10.0x100 | 4.5 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101510 | 5.0x8.0x100 | 5.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 101879 | 5.0x8.0x100 | 5.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101416 | 5.0x10.0x100 | 5.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101867 | 5.0x10.0x100 | 5.0 | 10.0 | 100 | K10 | <input type="radio"/> |

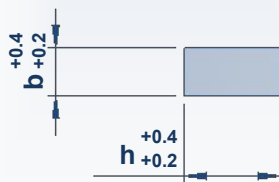
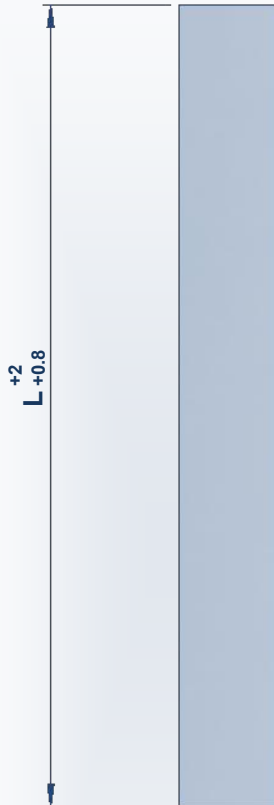
| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152576 | 5.0x11.0x100 | 5.0 | 11.0 | 100 | FK | <input type="radio"/> |
| 152577 | 5.0x11.0x100 | 5.0 | 11.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101430 | 5.0x12.0x100 | 5.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101868 | 5.0x12.0x100 | 5.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101436 | 5.0x13.0x100 | 5.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 101869 | 5.0x13.0x100 | 5.0 | 13.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--|------------|--|--|--|--|--|
| | Rab.Gr. 72 | | | | | |
|--|------------|--|--|--|--|--|

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 152578 | 5.0x14.0x100 | 5.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101870 | 5.0x14.0x100 | 5.0 | 14.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152579 | 5.0x15.0x100 | 5.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 152580 | 5.0x15.0x100 | 5.0 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101454 | 5.0x16.0x100 | 5.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101871 | 5.0x16.0x100 | 5.0 | 16.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152581 | 5.0x18.0x100 | 5.0 | 18.0 | 100 | FK | <input type="radio"/> |
| 101872 | 5.0x18.0x100 | 5.0 | 18.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101467 | 5.0x20.0x100 | 5.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 101873 | 5.0x20.0x100 | 5.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152582 | 5.0x22.0x100 | 5.0 | 22.0 | 100 | FK | <input type="radio"/> |
| 101874 | 5.0x22.0x100 | 5.0 | 22.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101470 | 5.0x25.0x100 | 5.0 | 25.0 | 100 | FK | <input type="radio"/> |
| 101875 | 5.0x25.0x100 | 5.0 | 25.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152583 | 5.0x30.0x100 | 5.0 | 30.0 | 100 | FK | <input type="radio"/> |
| 101876 | 5.0x30.0x100 | 5.0 | 30.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101511 | 6.0x8.0x100 | 6.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 126264 | 6.0x8.0x100 | 6.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101417 | 6.0x10.0x100 | 6.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101880 | 6.0x10.0x100 | 6.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101431 | 6.0x12.0x100 | 6.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101881 | 6.0x12.0x100 | 6.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101437 | 6.0x13.0x100 | 6.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 101882 | 6.0x13.0x100 | 6.0 | 13.0 | 100 | K10 | <input type="radio"/> |

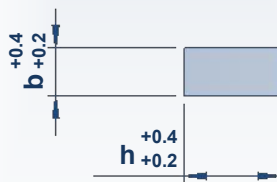
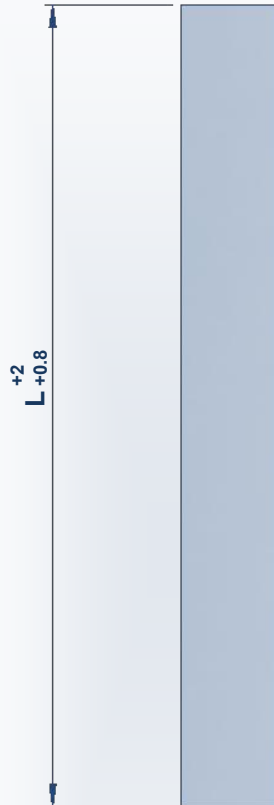
| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101443 | 6.0x14.0x100 | 6.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101883 | 6.0x14.0x100 | 6.0 | 14.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
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| | Rab.Gr. 72 | | | | | |
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Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 152584 | 6.0x15.0x100 | 6.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 101884 | 6.0x15.0x100 | 6.0 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101455 | 6.0x16.0x100 | 6.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101885 | 6.0x16.0x100 | 6.0 | 16.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152585 | 6.0x18.0x100 | 6.0 | 18.0 | 100 | FK | <input type="radio"/> |
| 101886 | 6.0x18.0x100 | 6.0 | 18.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101468 | 6.0x20.0x100 | 6.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 101887 | 6.0x20.0x100 | 6.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152586 | 6.0x22.0x100 | 6.0 | 22.0 | 100 | FK | <input type="radio"/> |
| 101888 | 6.0x22.0x100 | 6.0 | 22.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152587 | 6.0x25.0x100 | 6.0 | 25.0 | 100 | FK | <input type="radio"/> |
| 101889 | 6.0x25.0x100 | 6.0 | 25.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152588 | 6.0x30.0x100 | 6.0 | 30.0 | 100 | FK | <input type="radio"/> |
| 101890 | 6.0x30.0x100 | 6.0 | 30.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152589 | 7.0x10.0x100 | 7.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 152590 | 7.0x10.0x100 | 7.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152591 | 7.0x15.0x100 | 7.0 | 15.0 | 100 | FK | <input type="radio"/> |
| 152592 | 7.0x15.0x100 | 7.0 | 15.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 152593 | 7.0x20.0x100 | 7.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 152594 | 7.0x20.0x100 | 7.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101418 | 8.0x10.0x100 | 8.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101893 | 8.0x10.0x100 | 8.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101432 | 8.0x12.0x100 | 8.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101894 | 8.0x12.0x100 | 8.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101444 | 8.0x14.0x100 | 8.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101895 | 8.0x14.0x100 | 8.0 | 14.0 | 100 | K10 | <input type="radio"/> |

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|--|------------|--|--|--|--|--|
| | Rab.Gr. 72 | | | | | |
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Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b +0.4 +0.2 | h +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|-------------------|-----------------|-----------------------------------|-----------------------|
| 101456 | 8.0x16.0x100 | 8.0 | 16.0 | 100 | FK | <input type="radio"/> |
| 101896 | 8.0x16.0x100 | 8.0 | 16.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|--------------|-----|------|-----|-----|-----------------------|
| 101469 | 8.0x20.0x100 | 8.0 | 20.0 | 100 | FK | <input type="radio"/> |
| 101897 | 8.0x20.0x100 | 8.0 | 20.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 107300 | 10.0x12.0x100 | 10.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101824 | 10.0x12.0x100 | 10.0 | 12.0 | 100 | K10 | <input type="radio"/> |

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| | Rab.Gr. 72 | | | | | |

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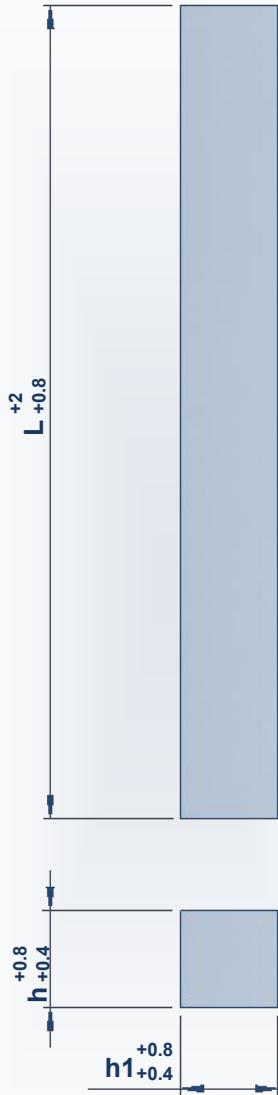
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- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage



Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h +0.8 +0.4 | h1 +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|--------------------|-----------------|-----------------------------------|-----------------------|
| 101471 | 2.0x2.0x100 | 2.0 | 2.0 | 100 | FK | <input type="radio"/> |
| 101835 | 2.0x2.0x100 | 2.0 | 2.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101474 | 3.0x3.0x100 | 3.0 | 3.0 | 100 | FK | <input type="radio"/> |
| 101849 | 3.0x3.0x100 | 3.0 | 3.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101480 | 4.0x4.0x100 | 4.0 | 4.0 | 100 | FK | <input type="radio"/> |
| 101863 | 4.0x4.0x100 | 4.0 | 4.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101489 | 5.0x5.0x100 | 5.0 | 5.0 | 100 | FK | <input type="radio"/> |
| 101877 | 5.0x5.0x100 | 5.0 | 5.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101497 | 6.0x6.0x100 | 6.0 | 6.0 | 100 | FK | <input type="radio"/> |
| 101891 | 6.0x6.0x100 | 6.0 | 6.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101501 | 7.0x7.0x100 | 7.0 | 7.0 | 100 | FK | <input type="radio"/> |
| 101892 | 7.0x7.0x100 | 7.0 | 7.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101512 | 8.0x8.0x100 | 8.0 | 8.0 | 100 | FK | <input type="radio"/> |
| 101898 | 8.0x8.0x100 | 8.0 | 8.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|-------------|-----|-----|-----|-----|-----------------------|
| 101515 | 9.0x9.0x100 | 9.0 | 9.0 | 100 | FK | <input type="radio"/> |
| 101899 | 9.0x9.0x100 | 9.0 | 9.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 101411 | 10.0x10.0x100 | 10.0 | 10.0 | 100 | FK | <input type="radio"/> |
| 101823 | 10.0x10.0x100 | 10.0 | 10.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 101421 | 11.0x11.0x100 | 11.0 | 11.0 | 100 | FK | <input type="radio"/> |
| 101825 | 11.0x11.0x100 | 11.0 | 11.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 101425 | 12.0x12.0x100 | 12.0 | 12.0 | 100 | FK | <input type="radio"/> |
| 101826 | 12.0x12.0x100 | 12.0 | 12.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 101434 | 13.0x13.0x100 | 13.0 | 13.0 | 100 | FK | <input type="radio"/> |
| 101825 | 13.0x13.0x100 | 13.0 | 13.0 | 100 | K10 | <input type="radio"/> |

| | | | | | | |
|--------|---------------|------|------|-----|-----|-----------------------|
| 101439 | 14.0x14.0x100 | 14.0 | 14.0 | 100 | FK | <input type="radio"/> |
| 101829 | 14.0x14.0x100 | 14.0 | 14.0 | 100 | K10 | <input type="radio"/> |

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|--|------------|--|--|--|--|--|
| | Rab.Gr. 68 | | | | | |
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Ausführung: Roh mit Schleifaufmaß
Execution: raw with grinding tolerance
Exécution: brut avec surepaisseur de meulage

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h +0.8 +0.4 | h1 +0.8 +0.4 | L +2 +0.8 | Werkstoff Material Matériau | |
|--------------------------------------|--|-------------------|--------------------|-----------------|-----------------------------------|---|
| 101447 | 15.0x15.0x100 | 15.0 | 15.0 | 100 | FK | O |
| 152572 | 15.0x15.0x100 | 15.0 | 15.0 | 100 | K10 | O |

| | | | | | | |
|--------|---------------|------|------|-----|-----|---|
| 101830 | 16.0x16.0x100 | 16.0 | 16.0 | 100 | K10 | O |
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Rab.Gr. 68

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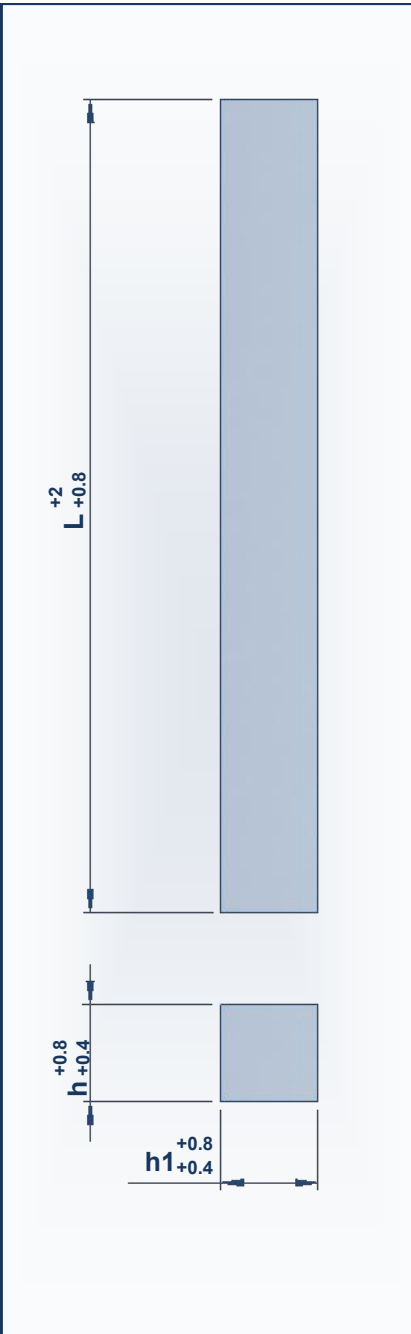
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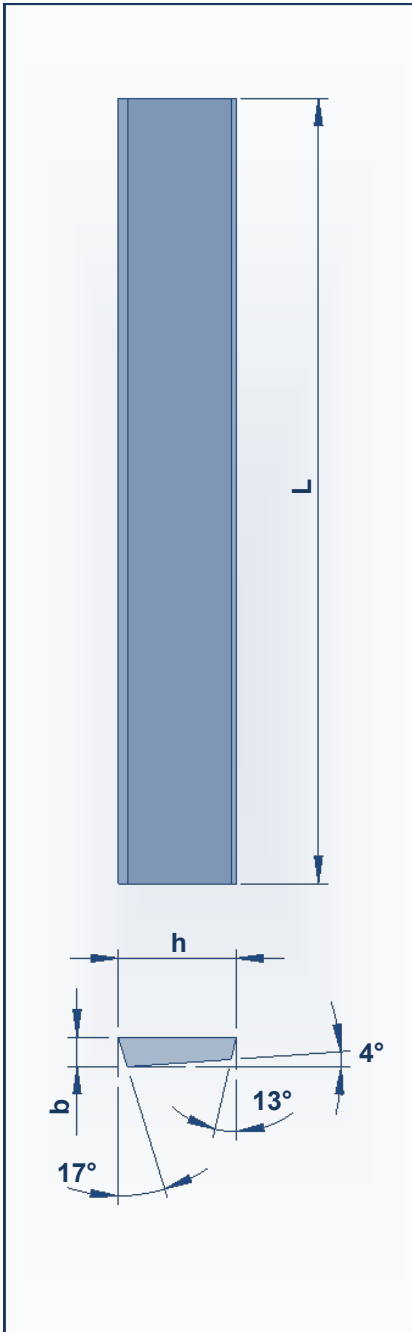
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- Lagerhaltig
- in stock
- du stock

- ? auf Anfrage
- ? on request
- ? sur demande

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durée et polie

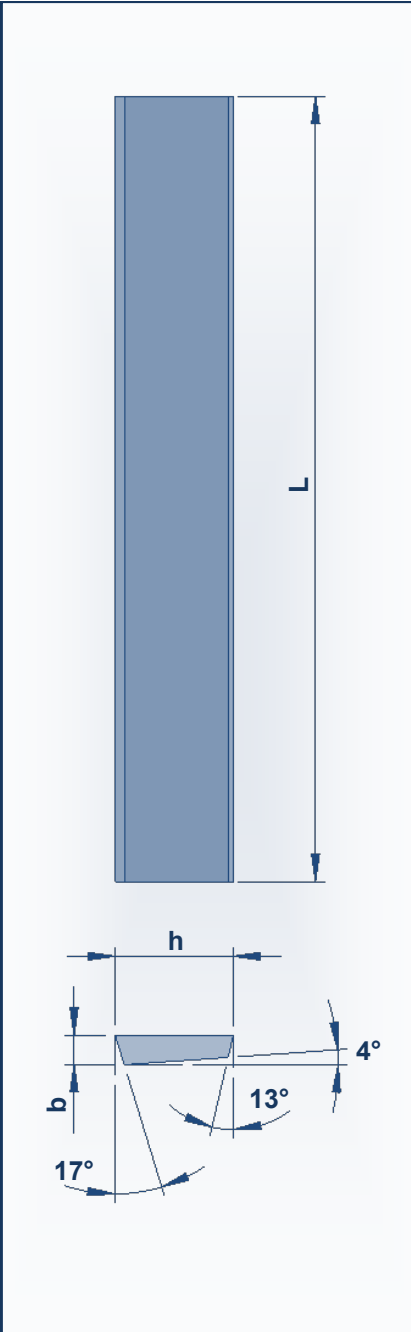


Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | |
|--------------------------------------|--|-----|-----|-----|---|
| 155881 | DK2-3-8.2.80-HSS-E | 8.0 | 2.0 | 80 | O |
| 101120 | DK2-3-12.3.85-HSS-E | 12 | 3.0 | 85 | O |
| 121628 | DK2-3-12.3.100-HSS-E | 12 | 3.0 | 100 | O |
| 101117 | DK2-3-12.3.120-HSS-E | 12 | 3.0 | 120 | O |
| 101118 | DK2-3-12.3.140-HSS-E | 12 | 3.0 | 140 | O |
| 101119 | DK2-3-12.3.160-HSS-E | 12 | 3.0 | 160 | O |
| 101116 | DK2-3-12.3.200-HSS-E | 12 | 3.0 | 200 | O |
| 155884 | DK2-3-12.4.85-HSS-E | 12 | 4.0 | 85 | O |
| 155885 | DK2-3-12.4.100-HSS-E | 12 | 4.0 | 100 | O |
| 155886 | DK2-3-12.4.120-HSS-E | 12 | 4.0 | 120 | O |
| 101121 | DK2-3-12.4.140-HSS-E | 12 | 4.0 | 140 | O |
| 155887 | DK2-3-12.4.160-HSS-E | 12 | 4.0 | 160 | O |
| 155888 | DK2-3-12.4.200-HSS-E | 12 | 4.0 | 200 | O |
| 155889 | DK2-3-12.5.85-HSS-E | 12 | 5.0 | 85 | O |
| 155890 | DK2-3-12.5.100-HSS-E | 12 | 5.0 | 100 | O |
| 101122 | DK2-3-12.5.120-HSS-E | 12 | 5.0 | 120 | O |
| 155891 | DK2-3-12.5.140-HSS-E | 12 | 5.0 | 140 | O |
| 101123 | DK2-3-12.5.160-HSS-E | 12 | 5.0 | 160 | O |
| 155892 | DK2-3-12.5.200-HSS-E | 12 | 5.0 | 200 | O |
| 155893 | DK2-3-12.6.100-HSS-E | 12 | 6.0 | 100 | O |
| 155894 | DK2-3-12.6.120-HSS-E | 12 | 6.0 | 120 | O |
| 155895 | DK2-3-12.6.160-HSS-E | 12 | 6.0 | 160 | O |
| 155896 | DK2-3-12.6.200-HSS-E | 12 | 6.0 | 200 | O |
| 155897 | DK2-3-14.6.140-HSS-E | 14 | 6.0 | 140 | O |
| 155898 | DK2-3-14.6.200-HSS-E | 14 | 6.0 | 200 | O |
| 155899 | DK2-3-16.3.100-HSS-E | 16 | 3.0 | 100 | O |
| 155900 | DK2-3-16.3.120-HSS-E | 16 | 3.0 | 120 | O |
| 101124 | DK2-3-16.3.140-HSS-E | 16 | 3.0 | 140 | O |
| 155901 | DK2-3-16.3.160-HSS-E | 16 | 3.0 | 160 | O |
| 101125 | DK2-3-16.3.200-HSS-E | 16 | 3.0 | 200 | O |
| 155902 | DK2-3-16.4.100-HSS-E | 16 | 4.0 | 100 | O |
| 101126 | DK2-3-16.4.120-HSS-E | 16 | 4.0 | 120 | O |
| 101127 | DK2-3-16.4.140-HSS-E | 16 | 4.0 | 140 | O |
| 101128 | DK2-3-16.4.160-HSS-E | 16 | 4.0 | 160 | O |
| 101129 | DK2-3-16.4.200-HSS-E | 16 | 4.0 | 200 | O |
| 155903 | DK2-3-16.4.250-HSS-E | 16 | 4.0 | 250 | O |
| | Rab.Gr. 73 | | | | |

Ausführung: gehärtet und geschliffen
Execution: hardened and ground
Exécution: durcie et polie



Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | h | b | L | |
|--------------------------------------|--|----|-----|-----|---|
| 155904 | DK2-3-16.6.100-HSS-E | 16 | 6.0 | 100 | ○ |
| 101130 | DK2-3-16.6.140-HSS-E | 16 | 6.0 | 140 | ○ |
| 101131 | DK2-3-16.6.160-HSS-E | 16 | 6.0 | 160 | ○ |
| 101132 | DK2-3-16.6.200-HSS-E | 16 | 6.0 | 200 | ○ |
| 155905 | DK2-3-18.3.100-HSS-E | 18 | 3.0 | 100 | ○ |
| 155906 | DK2-3-18.3.140-HSS-E | 18 | 3.0 | 140 | ○ |
| 155907 | DK2-3-18.3.200-HSS-E | 18 | 3.0 | 200 | ○ |
| 155908 | DK2-3-18.4.100-HSS-E | 18 | 4.0 | 100 | ○ |
| 155909 | DK2-3-18.4.120-HSS-E | 18 | 4.0 | 120 | ○ |
| 155910 | DK2-3-18.4.140-HSS-E | 18 | 4.0 | 140 | ○ |
| 101133 | DK2-3-18.4.160-HSS-E | 18 | 4.0 | 160 | ○ |
| 101134 | DK2-3-18.4.200-HSS-E | 18 | 4.0 | 200 | ○ |
| 155911 | DK2-3-18.6.100-HSS-E | 18 | 6.0 | 100 | ○ |
| 155912 | DK2-3-18.6.120-HSS-E | 18 | 6.0 | 120 | ○ |
| 155913 | DK2-3-18.6.140-HSS-E | 18 | 6.0 | 140 | ○ |
| 101135 | DK2-3-18.6.160-HSS-E | 18 | 6.0 | 160 | ○ |
| 155914 | DK2-3-18.6.200-HSS-E | 18 | 6.0 | 200 | ○ |
| 155916 | DK2-3-20.3.100-HSS-E | 20 | 3.0 | 100 | ○ |
| 155917 | DK2-3-20.3.120-HSS-E | 20 | 3.0 | 120 | ○ |
| 155918 | DK2-3-20.3.160-HSS-E | 20 | 3.0 | 160 | ○ |
| 155919 | DK2-3-20.3.200-HSS-E | 20 | 3.0 | 200 | ○ |
| 155920 | DK2-3-20.3.250-HSS-E | 20 | 3.0 | 250 | ○ |
| 155921 | DK2-3-20.4.100-HSS-E | 20 | 4.0 | 100 | ○ |
| 155922 | DK2-3-20.4.120-HSS-E | 20 | 4.0 | 120 | ○ |
| 155923 | DK2-3-20.4.160-HSS-E | 20 | 4.0 | 160 | ○ |
| 155924 | DK2-3-20.4.200-HSS-E | 20 | 4.0 | 200 | ○ |
| | Rab.Gr. 73 | | | | |

Maschinen-Typen /
Machine type / type de machine:

**INDEX 2-18-25 ER16-ER36-KR16-
KR30
TRAUB TD**

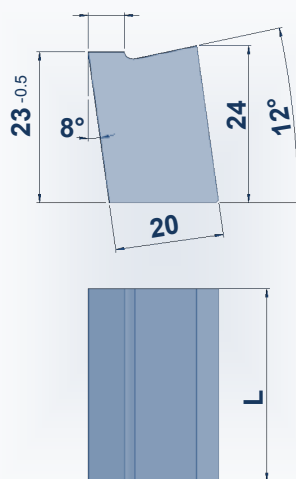
Werkstoff/Material/Matériau: **1.3207**

Ausführung: gehärtet und
geschliffen

Execution: hardened and ground

Exécution: durée et polie

Max. Formtiefe **10mm**



**Hartmetall bestückte Ausführung
auf Anfrage**

Carbide-tipped execution on request

Exécution à frittage de métal dur sur
demande

Lagerhaltig
 in stock
 du stock

? auf Anfrage
? on request
? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | L | |
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| 106970 | 720.24 | 24 | <input type="radio"/> |
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| 106973 | 720.27 | 27 | <input type="radio"/> |
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| 106976 | 720.30 | 30 | <input type="radio"/> |
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| 106982 | 720.36 | 36 | <input type="radio"/> |
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| 106984 | 720.38 | 38 | <input type="radio"/> |
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| 106986 | 720.42 | 42 | <input type="radio"/> |
| 106987 | 720.44 | 44 | <input type="radio"/> |
| 106988 | 720.45 | 45 | <input type="radio"/> |
| 106989 | 720.50 | 50 | <input type="radio"/> |
| 106990 | 720.55 | 55 | <input type="radio"/> |
| | | | |
| | Rab.Gr. 69 | | |
| | | | |

Maschinen-Typen /
Machine type / type de machine:

**INDEX B, C, E, ER, MS25TRAUB
TRAUB TB, TK, TG, TF**

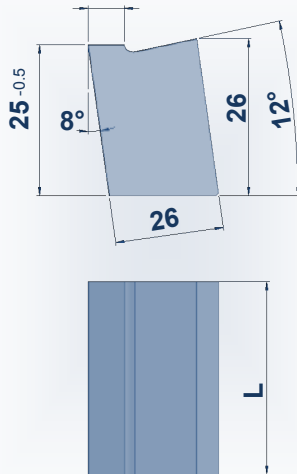
Werkstoff/Material/Matériau: **1.3207**

Ausführung: gehärtet und
geschliffen

Execution: hardened and ground

Exécution: durée et polie

Max. Formtiefe **15mm**



**Hartmetall bestückte Ausführung
auf Anfrage**

Carbide-tipped execution on request

Exécution à frittage de métal dur sur
demande

Lagerhaltig

in stock

du stock

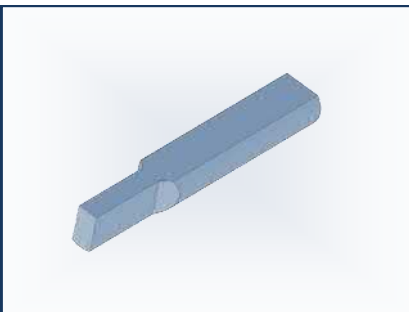
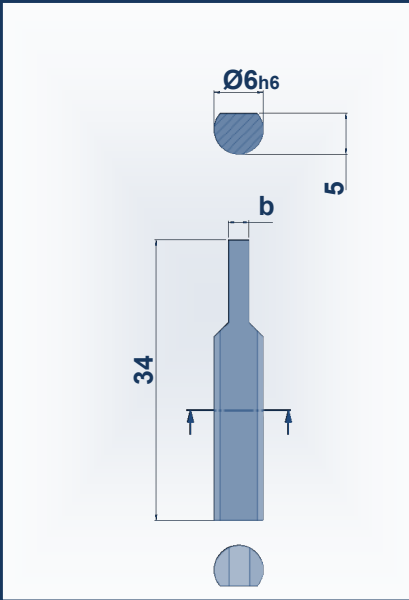
? auf Anfrage

? on request

? sur demande

| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | L | |
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| 107024 | 726.44 | 44 | <input type="radio"/> |
| | | | |
| | | | |
| | | | |
| | | | |
| | Rab.Gr. 69 | | |
| | | | |

Ausführung: geschliffen
Execution: ground
Exécution: polie



| Artikel-Nr. Ref. No. Référence | Bestellbezeichnung Designation Description | b | Werkstoff Material Matériau | |
|--------------------------------------|--|-----|-----------------------------------|---|
| | 6-10-1.5 | 1.5 | HSS | O |
| | 6-10-1.5 | 1.5 | FK | ? |
| | 6-10-1.5 | 1.5 | Ramet 1 | ? |
| | | | | |
| | 6-10-2 | 2.0 | HSS | O |
| | 6-10-2 | 2.0 | FK | ? |
| | 6-10-2 | 2.0 | Ramet 1 | ? |
| | | | | |
| | 6-10-2.5 | 2.5 | HSS | O |
| | 6-10-2.5 | 2.5 | FK | ? |
| | 6-10-2.5 | 2.5 | Ramet 1 | ? |
| | | | | |
| | 6-10-3 | 3.0 | HSS | O |
| | 6-10-3 | 3.0 | FK | ? |
| | 6-10-3 | 3.0 | Ramet 1 | ? |
| | | | | |
| | 6-10-3.5 | 3.5 | HSS | O |
| | 6-10-3.5 | 3.5 | FK | ? |
| | 6-10-3.5 | 3.5 | Ramet 1 | ? |
| | | | | |
| | 6-10-4 | 4.0 | HSS | O |
| | 6-10-4 | 4.0 | FK | ? |
| | 6-10-4 | 4.0 | Ramet 1 | ? |
| | | | | |
| | 6-10-6 | 6.0 | HSS | O |
| | 6-10-6 | 6.0 | FK | ? |
| | 6-10-6 | 6.0 | Ramet 1 | ? |
| | | | | |
| | Rab.Gr. 1030 | | | |

Lagerhaltig
 in stock
 du stock

? auf Anfrage
 ? on request
 ? sur demande

Ausführung unserer hartmetallbestückten Drehlinge

Die Standardsorte H10 = K10 ist ein Hartmetall, welches sich seit Jahren bestens bewährt hat und auf breitem Feld für die Bearbeitung von Automatenstählen, Buntmetallen und Einsatzstählen eingesetzt wird. Unsere Hartmetallsorte F.K. ist sehr feinkörnig, besitzt eine optimale Leistungsfähigkeit bei großem Zähigkeitsverhalten und hoher Härte in Verbindung mit einer sehr guten Schneidkantenschärfe.

Besonders geeignet:

- bei niedriger Schnittkantengeschwindigkeit
- bei Schlagbeanspruchung (unterbrochener Schnitt)
- Für eine Vielfalt von Werkstoffen, wie nichtrostende Materialien, einschließlich warmfester Legierungen

Tantung

Tantung ist keine Stahllegierung, sondern eine besondere, in Kokillen gegossene (Guss-)Legierung und nimmt in Bezug auf Schnittdaten und Leistungen eine Zwischenstellung zu HSS und Hartmetall ein. Tantung hat eine hohe Warmhärte (Rotgluthärte), hohe Bruchfestigkeit (verglichen mit anderen Gusslegierungen) einen niedrigen Reibungskoeffizienten, durch den hohen Chromgehalt ausgezeichnete Korrosionsfestigkeit und ist sehr schlag- und stoßfest.

S-10-4-3-10 / 1.3207 / EW9C=10 / Kobalt 10

Dieser Schnellarbeitsstahl, mit hoher Warmhärte und Verschleißfähigkeit, bei bemerkenswerter Zähigkeit, kann bei den meisten Bearbeitungsfällen zum Schruppen und Schlichten mit gutem Erfolg verwendet werden.

S-10-4-3-12 / EW0CO12 / Kobalt 12

Durch den höheren Kobaltgehalt kommt diese HSS-Qualität vor allem zum Einsatz, wenn die Forderungen an Warmhärte höher liegen als beim 1.3207 / EW9CO10). Die etwas niedrigere Zähigkeit wird bei richtiger Anwendung ausgeglichen. EW9CO12 wird vorrangig zur Bearbeitung von austenitischen und rostfreien Werkstoffen sowie hochlegierten Chromnickelstählen und auch Nimonic-Legierungen eingesetzt.

S-7-7-7-10 / 1.3241 / ASP60

ASP60 ist ein im pulvermetallurgischen Verfahren hergestellter Schnellarbeitsstahl. Das geschmolzene Legierungsgemisch wird durch Gasverdüsen in feinkörniges Pulver aufgelöst, gemischt und unter hohem Druck gesintert.

Die Vorteile von Pulverstahl liegen nicht alleine im hohen Anteil der Legierungsbestandteile Kohlenstoff, Molybdän und besonders Vanadium, sondern vor allem in dem besonderen Herstellungsverfahren, das diese hohen Anteile der Carbidbildner erst zulässt, und eine feine hochwarmfeste Gefügestruktur ergibt, die weitgehend frei von Steigerungen (unregelmäßige Anhäufung der einzelnen Legierungselemente ist).

Verwendet wird ASP60 vor allem zur Bearbeitung von harten und zäharten Werkstoffen sowie vor allem bei rost-, säure- und hitzebeständigen Stählen, z.B. für die Luftfahrt- und Kernkraftindustrie.

HSS: S6-5-2 / 1.3343 / DM05

Dieser Werkstoff ist das Ausgangsmaterial der handelsüblichen Spiralbohrer.

Qualitäten-Übersicht (einiger hauptsächlich verwendeter) Schnellarbeitsstähle

| Werkstoff Nr. | neue DIN Bezeichnung | alte DIN Bezeichnung | Chemische Zusammensetzung in % (ca.) | | | | | | |
|---------------|---------------------------------|----------------------|--------------------------------------|------|-----|-----|------|------|--|
| | | | C | Cr | Mo | V | W | Co | |
| 13207 | S-10-4-3-10 | EW9C010 | 1,23 | 4 | 3,8 | 3,3 | 10 | 10,5 | |
| | S-10-4-3-12 | (Kobalt 12) | 1,4 | 4,2 | 3,5 | 3,9 | 9 | 11,5 | |
| 1.3241 | Pulvermetallurgischer HSS-ASP60 | | 2,35 | 4 | 7 | 6,5 | 6,5 | 10,5 | |
| 1.3343 | S-6-5-2 | DM05 | 0,9 | 4,2 | 5 | 2 | 6,5 | | |
| | Kokillengusslegierung -Tantung | | 3 | 29,5 | | | 16,5 | 37,5 | |

Tantung enthält noch zusätzlich ca. 5 % Ta/Nb (Tantal/Niobium), 2 % Mn (Mangan) und 3,5 % Fe (Eisen)

Execution of our carbide tipped tool holder bits

The standard type H10 = K10 is a carbide which has proven itself and is used in a wide range for years for the machining of free cutting steel, non ferrous material and case hardening steel.

Our carbide type F.K. consists of fine grains and is very efficient concerning tenacity and a high grade of hardness in connection with a very good sharpness of the cutting edge.

It is especially appropriate for the following conditions:

- In case of low cutting edge speed
- In case of any impact (interrupted cut)
- In case of many materials such as non-rusting material incl. creep-resistant alloys

Tantung

Tantung is not a steel alloy but a special die-cast alloy and can be allocated between HSS and carbide with respect to cutting data and efficiency. Tantung possesses a high grade of hot hardness (red heat hardness), a high-grade of strength (compared with other cast alloys), a low coefficient of friction, corrosion resistance through the high chromium content and is very shock and impact resistant. Tantung tools have mainly proven themselves for the machining of stainless steels. Further areas of application are in the aerospace industry, in the surgical industry, glass-cutter, jaws, guide bars etc.

S-10-4-3-10 / 1.3207 / EW9C010 / Cobalt 10

With good success one can use this kind of high speed steel with high hardness and wearing qualities incl. remarkable tenacity for roughing and finishing.

S-10-4-3-12 / EW9C=12 / Cobalt

Because of its higher cobalt content this HSS quality is mainly applied if the demands of hot hardness are higher than of 1.3207 (EW9C010). The tenacity which is a bit lower will be compensated if used correctly. EW9CO12 is primarily applied for the machining of austenitic and stainless materials as well as high- alloy chrome nickel steels as well as nimonic alloys.

S-7-7-7-10 / 1.3241 / ASP60

ASP60 is a high speed steel manufactured by method of powder metallurgy. The melted alloy mixture is resolved, mixed and sintered under high pressure by gas-atomizing into fine grained powder. The advantages of powder steel are not only in the high proportion of the alloying elements carbon, molybdenum and especially vanadium, but mainly in the special manufacturing process which allows these high proportions of carbide generation and results in a fine, high temperature resistant structure. This structure is almost free from cumulativeness (irregular accumulation of the single alloy elements). In comparison with conventionally manufactured and generally lower alloy grade speed steels, the turning tools out of ASP60 distinguish them by higher wear resistance, better tenacity and superior cutting edge strength if used correctly. By this, feed rate and cutting speed can be increased by 30 %. ASP60 is mainly used for the machining of hard and tough materials and for corrosion, acid and heat proof steels, e.g. for aerospace and nuclear industry.

HSS: S6-5-2 / 1.3343 / DM05

This material is the basic material of the standard spiral drills.

Quality overview of speed steels (which are mainly used)

| Material No. | new DIN designation | old DIN designation | Chemical composition in % (approx.) | | | | | |
|--------------|------------------------------|---------------------|-------------------------------------|------|-----|-----|------|------|
| | | | C | Cr | Mo | V | W | Co |
| 13207 | S-10-4-3-10 | EW9C010 | 1,23 | 4 | 3,8 | 3,3 | 10 | 10,5 |
| | S-10-4-3-12 | (cobalt 12) | 1,4 | 4,2 | 3,5 | 3,9 | 9 | 11,5 |
| 1.3241 | powder metallurgic HSS-ASP60 | | 2,35 | 4 | 7 | 6,5 | 6,5 | 10,5 |
| 1.3343 | S-6-5-2 | DM05 | 0,9 | 4,2 | 5 | 2 | 6,5 | |
| | Die casting alloy-Tantung | | 3 | 29,5 | | | 16,5 | 37,5 |

Tantung additionally contains approx. 5 % Ta/Nb (tantalum and niobium), 2 % Mn (manganese) and 3,5 % Fe (iron)

Exécution de nos burins à frittage de métal dur

La **qualité standard H10=K10** est un métal dur qui a fait son preuve depuis des années et est appliqué dans un grand domaine pour l'usinage des aciers de décolletage, des métaux lourds non-ferreux et des aciers cémentés.

Notre nuance de **carbure F.K.** a des grains très fins et est très efficace si la ténacité et la dureté du matériel est élevée et simultanément est fournie de très bons arêtes de coupes aiguisés.

Elle est particulièrement appropriée pour les suivantes applications:

- À faible vitesse d'arête de coupe
- Résistant aux impacts (coupure interrompue)
- Pour beaucoup de matériaux, tel que des matériaux non-rouillables et des alliages résistantes à chaud.

Tantung

Tantung n'est pas une alliage d'acier mais une alliage (de fonte) coulée en coquille. On peut le classer entre HSS et métal dur concernant les données de coupe et la performance. Tantung dispose d'une dureté de chaud (dureté d'acier chauffé à rouge), une charge de rupture élevée (comparée avec des autres alliages de fonte), un faible coefficient de frottement, une très bonne résistance à corrosion par le contenu de chrome élevé et est très résistant aux coups et aux chocs. Tantung comme outil a fait son preuve particulièrement à l'application des aciers inoxydables. Les autres domaines d'utilisation sont l'industrie aéronautique et nucléaire, l'industrie chirurgicale, les coupe-verres et les barres de guidage.

S-10-4-3-10 / 1.3207 / EW9CO10 / Cobalt 10

Cet acier à coupe rapide avec une haute dureté de chaud et résistance à l'usure ainsi qu'une remarquable ténacité peut être utilisé pour l'ébauche et la finition dans la plupart des cas d'opération avec succès.

S-10-4-3-10 / 1.3207 / EW9CO12 / Cobalt 12

Cette qualité HSS fourni d'un plus haut contenu de Cobalt est surtout utilisée si une dureté de chaud plus haute est exigée que lors du 1.3207 (EW9CO10). La ténacité légèrement réduite peut être compensée à condition d'être correctement appliqué. EW9CO12 est surtout utilisé pour le traitement de matériaux austénitiques et des aciers inoxydables ainsi que des aciers fortement alliés à base de chrome et de nickel et des alliages nimonic.

S-7-7-7-10 / 1.3241 / ASP60

ASP60 est un acier à coupe rapide produit par le procédé de métallurgie des poudres. Le mélange d'alliage fondu est dissous dans une poudre à fine granulométrie par projection d'une matière gazeuse, mélangé et vitrifié à haute pression. Les avantages de la poudre d'acier ne sont que le haut contenu des constituants d'alliage carbone, molybdène et surtout vanadium, mais surtout le procédé de fabrication spécial. Ce procédé même favorise la formation de ces hauts constituants des agents de carbure et résulte en une fine structure résistante à des températures élevées qui est en grande partie exempt d'augmentations (des accumulations irrégulières des éléments d'alliages individuels). En comparaison avec des aciers à coupe rapide qui sont fabriqués conventionnellement et sont généralement faiblement alliés, les outils de tournage en ASP60 se caractérisent par une résistance à l'usure élevée, meilleure ténacité et tenue de coupe. Par ces propriétés la vitesse d'avance et de coupe peut être élevée jusqu'à 30 %. ASP60 est surtout utilisé pour le traitement de durs et extra-rigides matériaux et avant tout pour des aciers résistants aux acides et à la chaleur, par exemple pour l'industrie aéronautiques et nucléaires.

HSS: S6-5-2 / 1.3343 / DM05

Ce matériel est le matériel de base pour les forets hélicoïdaux.

Liste de qualités des (plus appliqués) aciers à coupe rapide

| Matériel no.. | neuve désignation DIN | Ancienne désignation DIN | Composition chimique en % (environ) | | | | | | |
|---------------|--|--------------------------|-------------------------------------|------|-----|-----|------|------|--|
| | | | C | Cr | Mo | V | W | Co | |
| 13207 | S-10-4-3-10 | EW9CO10 | 1,23 | 4 | 3,8 | 3,3 | 10 | 10,5 | |
| | S-10-4-3-12 | (Kobalt 12) | 1,4 | 4,2 | 3,5 | 3,9 | 9 | 11,5 | |
| 1.3241 | métallurgique pulvérisé HSS-ASP60 | | 2,35 | 4 | 7 | 6,5 | 6,5 | 10,5 | |
| 1.3343 | S-6-5-2 | DM05 | 0,9 | 4,2 | 5 | 2 | 6,5 | | |
| | Tantung allié avec coulée de lingotière | | 3 | 29,5 | | | 16,5 | 37,5 | |

Tantung contient aussi environ 5 % Ta/Nb (Tantal/Niobium) 2 % Mn (Mangan) et 3,5 % Fe (fer)

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