



Shrink chucks 4,5° for mounting of solid carbide and HSS-tool shanks

Mandrins de frettage 4,5° pour le serrage de queues d'outils carbures de type HM et HSS

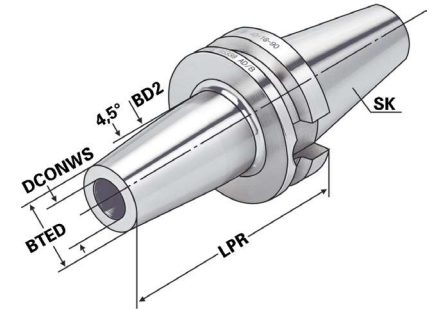
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Verwendung:
Zur Aufnahme von Werkzeugen mit Zylinderschaft.

Application:
For mounting straight-shank tools.

Application:
Pour le serrage d'outils avec queue cylindrique.



ISO 7388-2

Form JD/JF (AD/B)

≤ 3µm

G2,5 25.000 min⁻¹

h6

| Bestell-Nr. Order no. Référence | SK | DCONWS | TDCON | LPR | BTED | BD2 | LSCN | LSCX | ADJRGA | THID |
|---------------------------------------|-------|--------|-------|-----|------|-----|------|------|--------|--------|
| 305.70.03* | BT 30 | 3 | h4 | 80 | 15 | 20 | 6 | - | - | - |
| 305.70.04* | BT 30 | 4 | h4 | 80 | 15 | 20 | 8 | - | - | - |
| 305.70.05* | BT 30 | 5 | h4 | 80 | 15 | 20 | 10 | - | - | - |
| 305.70.06* | BT 30 | 6 | h6 | 80 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 305.70.08* | BT 30 | 8 | h6 | 80 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 305.70.10* | BT 30 | 10 | h6 | 90 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 305.70.12* | BT 30 | 12 | h6 | 90 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 305.70.14* | BT 30 | 14 | h6 | 90 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 305.70.16* | BT 30 | 16 | h6 | 90 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 305.70.18* | BT 30 | 18 | h6 | 90 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 305.70.20* | BT 30 | 20 | h6 | 90 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 305.70.25* | BT 30 | 25 | h6 | 100 | 44 | 53 | 47 | 57 | 10 | M16x1 |
| 406.70.03 | BT 40 | 3 | h4 | 80 | 11 | 15 | 6 | - | - | - |
| 406.70.04 | BT 40 | 4 | h4 | 80 | 14 | 22 | 8 | - | - | - |
| 406.70.05 | BT 40 | 5 | h4 | 80 | 16 | 22 | 10 | - | - | - |
| 406.70.06 | BT 40 | 6 | h6 | 90 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 406.70.08 | BT 40 | 8 | h6 | 90 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 406.70.10 | BT 40 | 10 | h6 | 90 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 406.70.12 | BT 40 | 12 | h6 | 90 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 406.70.14 | BT 40 | 14 | h6 | 90 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 406.70.16 | BT 40 | 16 | h6 | 90 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 406.70.18 | BT 40 | 18 | h6 | 90 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 406.70.20 | BT 40 | 20 | h6 | 90 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 406.70.25 | BT 40 | 25 | h6 | 100 | 44 | 53 | 47 | 57 | 10 | M16x1 |
| 406.70.32 | BT 40 | 32 | h6 | 100 | 44 | 53 | 51 | 61 | 10 | M16x1 |

* Form JD/AD
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LSCX = Einspannlänge, max.
 LSCX = Clamping depth, max.
 LSCX = Profondeur d'insertion, max.

ADJRGA = Verstellweg, max.
 ADJRGA = Length adjustment range, max.
 ADJRGA = Course de réglage, max.

Für Ø 3, 4 und 5 mm nur Hartmetallschäfte verwenden!

For Ø 3, 4 and 5 mm only solid carbide tool shanks must be used!

Pour Ø 3, 4 et 5 mm il faut seulement utiliser de queues d'outils carbures de type HM!

Hinweis: Aufnahme für Induktiv-, Kontakt- und Heißluftschumpfergeräte geeignet. Schafttoleranz bei Ø 3, 4 und 5 mm = h₄, bei Ø 6 – Ø 32 mm = h₆

Note: Toolholders suitable for induction-, contact- and hot air shrink units. Ø 3, 4, 5 with h₄-tolerance and Ø 6 – Ø 32 with h₆-tolerance

Observation: Porte-outils convenables pour machines à frotter par induction, par contact, ou par air chaud. Ø 3, 4, 5 avec h₄-tolerance et Ø 6 – Ø 32 avec h₆-tolerance

Shrink chucks 4,5° for mounting of solid carbide and HSS-tool shanks

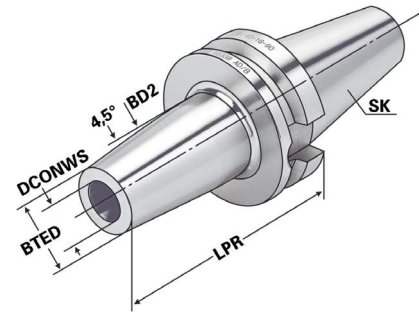
Mandrins de frettage 4,5° pour le serrage de queues d'outils carbures de type HM et HSS



Verwendung:
Zur Aufnahme von Werkzeugen mit Zylinderschaft.

Application:
For mounting straight-shank tools.

Application:
Pour le serrage d'outils avec queue cylindrique.



ISO 7388-2 Form JD/JF (AD/B) ≤ 3µm G2.5 25.000 min⁻¹ h6

| Bestell-Nr. Order no. Référence | SK | DCONWS | TDCON | LPR | BTED | BD2 | LSCN | LSCX | ADJRGA | THID |
|---------------------------------------|-------|--------|-------|-----|------|-----|------|------|--------|--------|
| 406.70.06.1 | BT 40 | 6 | h6 | 120 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 406.70.08.1 | BT 40 | 8 | h6 | 120 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 406.70.10.1 | BT 40 | 10 | h6 | 120 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 406.70.12.1 | BT 40 | 12 | h6 | 120 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 406.70.14.1 | BT 40 | 14 | h6 | 120 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 406.70.16.1 | BT 40 | 16 | h6 | 120 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 406.70.18.1 | BT 40 | 18 | h6 | 120 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 406.70.20.1 | BT 40 | 20 | h6 | 120 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 406.70.06.2 | BT 40 | 6 | h6 | 160 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 406.70.08.2 | BT 40 | 8 | h6 | 160 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 406.70.10.2 | BT 40 | 10 | h6 | 160 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 406.70.12.2 | BT 40 | 12 | h6 | 160 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 406.70.14.2 | BT 40 | 14 | h6 | 160 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 406.70.16.2 | BT 40 | 16 | h6 | 160 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 406.70.18.2 | BT 40 | 18 | h6 | 160 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 406.70.20.2 | BT 40 | 20 | h6 | 160 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 406.70.25.2 | BT 40 | 25 | h6 | 160 | 44 | 53 | 47 | 57 | 10 | M16x1 |
| 406.70.32.2 | BT 40 | 32 | h6 | 160 | 44 | 62 | 51 | 61 | 10 | M16x1 |

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Hinweis: Aufnahme für Induktiv-, Kontakt- und Heißluftschumpfergeräte geeignet. Schafttoleranz bei Ø 6 - Ø 32 mm = h₆

Note: Toolholders suitable for induction-, contact- and hot air shrink units. Ø 6 - Ø 32 with h₆-tolerance

Observation: Porte-outils convenables pour machines à fretter par induction, par contact, ou par air chaud. Ø 6 - Ø 32 avec h₆-tolerance





Shrink chucks 4,5° for mounting of solid carbide and HSS-tool shanks

Mandrins de frettage 4,5° pour le serrage de queues d'outils carbures de type HM et HSS

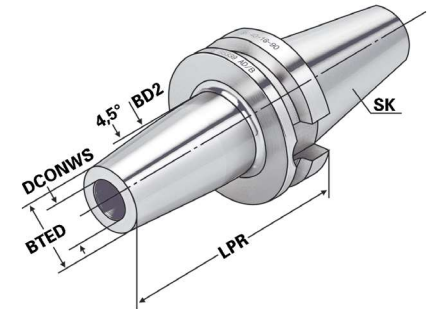
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- ISO 7388-2
- Form JD/JF (AD/B)
- Surface finish: $\leq 3\mu\text{m}$
- Spindle speed: $G2,5$ 25.000 min⁻¹
- Fit: h6

| Bestell-Nr. Order no. Référence | SK | DCONWS | TDCON | LPR | BTED | BD2 | LSCN | LSCX | ADJRGA | THID |
|---------------------------------------|-------|--------|-------|-----|------|-----|------|------|--------|--------|
| 506.71.04 | BT 50 | 4 | h4 | 100 | 15 | 20 | 8 | - | - | - |
| 506.71.05 | BT 50 | 5 | h4 | 100 | 15 | 20 | 10 | - | - | - |
| 506.71.06 | BT 50 | 6 | h6 | 100 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 506.71.08 | BT 50 | 8 | h6 | 100 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 506.71.10 | BT 50 | 10 | h6 | 100 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 506.71.12 | BT 50 | 12 | h6 | 100 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 506.71.14 | BT 50 | 14 | h6 | 100 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 506.71.16 | BT 50 | 16 | h6 | 100 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 506.71.18 | BT 50 | 18 | h6 | 110 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 506.71.20 | BT 50 | 20 | h6 | 110 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 506.71.25 | BT 50 | 25 | h6 | 120 | 44 | 53 | 47 | 57 | 10 | M16x1 |
| 506.71.32 | BT 50 | 32 | h6 | 120 | 44 | 53 | 51 | 61 | 10 | M16x1 |
| | | | | | | | | | | |
| 506.71.06.1 | BT 50 | 6 | h6 | 120 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 506.71.08.1 | BT 50 | 8 | h6 | 120 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 506.71.10.1 | BT 50 | 10 | h6 | 120 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 506.71.12.1 | BT 50 | 12 | h6 | 120 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 506.71.14.1 | BT 50 | 14 | h6 | 120 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 506.71.16.1 | BT 50 | 16 | h6 | 120 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 506.71.18.1 | BT 50 | 18 | h6 | 120 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 506.71.20.1 | BT 50 | 20 | h6 | 120 | 33 | 42 | 41 | 51 | 10 | M16x1 |

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Hinweis: Aufnahme für Induktiv-, Kontakt- und Heißluftschumpfgeräte geeignet. Schafttoleranz bei Ø 6 – Ø 32 mm = h₆

Note: Toolholders suitable for induction-, contact- and hot air shrink units. Ø 6 – Ø 32 with h₆-tolerance

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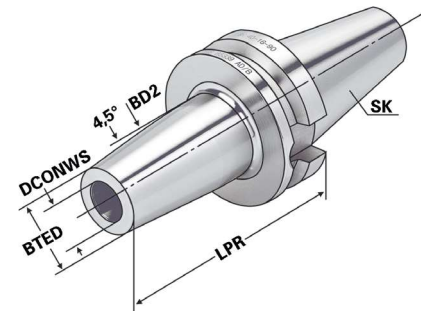
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|---------------------------------------|-------|--------|-------|-----|------|-----|------|------|--------|--------|
| 505.71.06.2 | BT 50 | 6 | h6 | 160 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 505.71.08.2 | BT 50 | 8 | h6 | 160 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 505.71.10.2 | BT 50 | 10 | h6 | 160 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 505.71.12.2 | BT 50 | 12 | h6 | 160 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 505.71.14.2 | BT 50 | 14 | h6 | 160 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 505.71.16.2 | BT 50 | 16 | h6 | 160 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 505.71.18.2 | BT 50 | 18 | h6 | 160 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 505.71.20.2 | BT 50 | 20 | h6 | 160 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 505.71.25.2 | BT 50 | 25 | h6 | 160 | 44 | 53 | 47 | 57 | 10 | M16x1 |
| 505.71.32.2 | BT 50 | 32 | h6 | 160 | 44 | 53 | 51 | 61 | 10 | M16x1 |
| 505.71.06.3 | BT 50 | 6 | h6 | 200 | 21 | 27 | 22 | 36 | 10 | M5x0,8 |
| 505.71.08.3 | BT 50 | 8 | h6 | 200 | 21 | 27 | 26 | 36 | 10 | M6x1 |
| 505.71.10.3 | BT 50 | 10 | h6 | 200 | 24 | 32 | 31 | 41 | 10 | M8x1 |
| 505.71.12.3 | BT 50 | 12 | h6 | 200 | 24 | 32 | 36 | 46 | 10 | M10x1 |
| 505.71.14.3 | BT 50 | 14 | h6 | 200 | 27 | 34 | 36 | 46 | 10 | M10x1 |
| 505.71.16.3 | BT 50 | 16 | h6 | 200 | 27 | 34 | 39 | 49 | 10 | M12x1 |
| 505.71.18.3 | BT 50 | 18 | h6 | 200 | 33 | 42 | 39 | 49 | 10 | M12x1 |
| 505.71.20.3 | BT 50 | 20 | h6 | 200 | 33 | 42 | 41 | 51 | 10 | M16x1 |
| 505.71.25.3 | BT 50 | 25 | h6 | 200 | 44 | 53 | 47 | 57 | 10 | M16x1 |

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Hinweis: Aufnahme für Induktiv-, Kontakt- und Heißluftschumpfgeräte geeignet. Schafttoleranz bei Ø 6 - Ø 32 mm = h₆

Note: Toolholders suitable for induction-, contact- and hot air shrink units. Ø 6 - Ø 32 with h₆-tolerance

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