

Portscule cu fretare

Shrink fit chucks

Mandrins de fretage

De la 01. Aprilie pana la 31. August 2021, in limita stocului.

Valid from 01. April till 31. August 2021, while stocks last.

Du 01 Avril au 31. Août 2021, si disponible

COBOTECH **20** de ani
ENGINEERING de experienta

**SPECIAL
PROMOTION**
— LIMITED TIME ONLY —



K KEMMLER®
Präzisionswerkzeuge

PROM030032021



Berea artizanală Kemmler - Precizia și tradiția, unite
„Precizia și tradiția, unite” - acest motto poate fi aplicat pentru portsculele noastre dar și pentru berea noastră.

Am creat berea artizanală Kemmler cu măiestrie tradițională și finete. Făcută în casă pentru clienții noștri, desigur “Made in Mössingen”.

Berea Kemmler este preparată din ingrediente de calitate atent selectate. Aditivii sau alte ingrediente auxiliare nu își au locul în cazanele noastre.

Un Lager clasic, preparat din 5 tipuri de malt pentru o aromă densă gustoasă, depozitată la rece timp de 8 săptămâni și îndeplinind cele mai înalte standarde de calitate.

Bere Artizanală Kemmler

Ingrediente: apă, malt de orz, hamei, drojdie

8 Săptămâni la rece

Conținut alcool: 4,9 %

Kemmler Craft Beer – Precision and tradition united

„Precision and tradition united” - this motto can not only be applied to our toolholders but also to our beer.

We created our Kemmler Craft Beer with traditional craftsmanship and Swabian, down-to-earth finesse. Home-brewed for our customers, of course “Made in Mössingen”.

The Kemmler Craft Beer is brewed only from handpicked, high-quality ingredients.

Additives or other auxiliary materials do not get into our brewing kettles.

A classic Lager, brewed with five different types of malt for a tasty full-bodied flavor, stored cold for eight weeks, which meets the highest quality standards.

Kemmler Craft Beer

Ingredients: water, barley malt, hop, yeast

8 weeks stored cold

Alcoholic strength : 4,9 %



Video Deutsch



Video English



Cumparati 5 portscule,
Primiti 1 butoi de bere KEMMLER (5 Litri) gratis

Buy 5 shrink fit chucks,
receive 1 KEMMLER beer keg (5 litres) for free

Acheter 5 mandrins de frettage,
recevoir 1 tonneau de bière KEMMLER (5 litres) gratuit



Gratis - free - gratuit

Incepand din 01 Aprilie pana la 31 August 2021, in limita stocului.
Valid from 01. April till 31. August 2021, while stocks last.
Du 01 Avril au 31. Août 2021, si disponible.

Livrare exclusiv in Uniunea Europeana.
Supply only within European Union.
Livraison seulement dans l'Union Européenne.

1



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de frettage 4,5°

DIN 69871	AD	$\nabla \leq 0,003$	G6,3 20.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
302.70.03	SK 30 - 03 - 80
302.70.04	SK 30 - 04 - 80
302.70.05	SK 30 - 05 - 80
302.70.06	SK 30 - 06 - 80
302.70.08	SK 30 - 08 - 80
302.70.10	SK 30 - 10 - 80
302.70.12	SK 30 - 12 - 100
302.70.14	SK 30 - 14 - 100
302.70.16	SK 30 - 16 - 100
302.70.18	SK 30 - 18 - 100
302.70.20	SK 30 - 20 - 100



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de frettage 4,5°

DIN 69871	AD/B	$\nabla \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
403.70.03	SK 40 - 03 - 80
403.70.04	SK 40 - 04 - 80
403.70.05	SK 40 - 05 - 80
403.70.06	SK 40 - 06 - 80
403.70.08	SK 40 - 08 - 80
403.70.10	SK 40 - 10 - 80
403.70.12	SK 40 - 12 - 80
403.70.14	SK 40 - 14 - 80
403.70.16	SK 40 - 16 - 80
403.70.18	SK 40 - 18 - 80
403.70.20	SK 40 - 20 - 80
403.70.25	SK 40 - 25 - 100
403.70.32	SK 40 - 32 - 100
403.70.03.1	SK 40 - 03 - 120
403.70.04.1	SK 40 - 04 - 120
403.70.05.1	SK 40 - 05 - 120
403.70.06.1	SK 40 - 06 - 120
403.70.08.1	SK 40 - 08 - 120
403.70.10.1	SK 40 - 10 - 120
403.70.12.1	SK 40 - 12 - 120
403.70.14.1	SK 40 - 14 - 120
403.70.16.1	SK 40 - 16 - 120
403.70.18.1	SK 40 - 18 - 120
403.70.20.1	SK 40 - 20 - 120
403.70.03.2	SK 40 - 03 - 160
403.70.04.2	SK 40 - 04 - 160
403.70.05.2	SK 40 - 05 - 160
403.70.06.2	SK 40 - 06 - 160
403.70.08.2	SK 40 - 08 - 160
403.70.10.2	SK 40 - 10 - 160
403.70.12.2	SK 40 - 12 - 160
403.70.14.2	SK 40 - 14 - 160
403.70.16.2	SK 40 - 16 - 160
403.70.18.2	SK 40 - 18 - 160
403.70.20.2	SK 40 - 20 - 160
403.70.25.2	SK 40 - 25 - 160
403.70.32.2	SK 40 - 32 - 160



Suplimentar- 2 canale de racire
Supplementary eroding of 2
cooling channels
Éroder supplémentaire de 2
canaux d'arrosage

Cod Order no. / Référence
U.KKB

Toolholders DIN 69871

Porte-outils DIN 69871



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°



Portscula cu fretare 4,5° cu
canal de racire
Shrink chucks 4,5°
with cooling channels
Mandrins de fretage 4,5°
avec canaux d'arrosage

1

DIN 69871	AD/B	$\uparrow \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
503.71.03	SK 50 - 03 - 80
503.71.04	SK 50 - 04 - 80
503.71.05	SK 50 - 05 - 80
503.71.06	SK 50 - 06 - 80
503.71.08	SK 50 - 08 - 80
503.71.10	SK 50 - 10 - 80
503.71.12	SK 50 - 12 - 80
503.71.14	SK 50 - 14 - 80
503.71.16	SK 50 - 16 - 80
503.71.18	SK 50 - 18 - 80
503.71.20	SK 50 - 20 - 80
503.71.25	SK 50 - 25 - 100
503.71.32	SK 50 - 32 - 100
503.71.06.1	SK 50 - 06 - 120
503.71.08.1	SK 50 - 08 - 120
503.71.10.1	SK 50 - 10 - 120
503.71.12.1	SK 50 - 12 - 120
503.71.14.1	SK 50 - 14 - 120
503.71.16.1	SK 50 - 16 - 120
503.71.18.1	SK 50 - 18 - 120
503.71.20.1	SK 50 - 20 - 120
503.71.06.2	SK 50 - 06 - 160
503.71.08.2	SK 50 - 08 - 160
503.71.10.2	SK 50 - 10 - 160
503.71.12.2	SK 50 - 12 - 160
503.71.14.2	SK 50 - 14 - 160
503.71.16.2	SK 50 - 16 - 160
503.71.18.2	SK 50 - 18 - 160
503.71.20.2	SK 50 - 20 - 160
503.71.25.2	SK 50 - 25 - 160
503.71.32.2	SK 50 - 32 - 160
503.71.06.3	SK 50 - 06 - 200
503.71.08.3	SK 50 - 08 - 200
503.71.10.3	SK 50 - 10 - 200
503.71.12.3	SK 50 - 12 - 200
503.71.14.3	SK 50 - 14 - 200
503.71.16.3	SK 50 - 16 - 200
503.71.18.3	SK 50 - 18 - 200
503.71.20.3	SK 50 - 20 - 200
503.71.25.3	SK 50 - 25 - 200
503.71.32.3	SK 50 - 32 - 200

DIN 69871	AD/B	$\uparrow \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
403.70.03.K	SK 40 - 03 - 80
403.70.04.K	SK 40 - 04 - 80
403.70.05.K	SK 40 - 05 - 80
403.70.06.K	SK 40 - 06 - 80
403.70.08.K	SK 40 - 08 - 80
403.70.10.K	SK 40 - 10 - 80
403.70.12.K	SK 40 - 12 - 80
403.70.14.K	SK 40 - 14 - 80
403.70.16.K	SK 40 - 16 - 80
403.70.18.K	SK 40 - 18 - 80
403.70.20.K	SK 40 - 20 - 80
403.70.25.K	SK 40 - 25 - 100
403.70.32.K	SK 40 - 32 - 100
403.70.03.1.K	SK 40 - 03 - 120
403.70.04.1.K	SK 40 - 04 - 120
403.70.05.1.K	SK 40 - 05 - 120
403.70.06.1.K	SK 40 - 06 - 120
403.70.08.1.K	SK 40 - 08 - 120
403.70.10.1.K	SK 40 - 10 - 120
403.70.12.1.K	SK 40 - 12 - 120
403.70.14.1.K	SK 40 - 14 - 120
403.70.16.1.K	SK 40 - 16 - 120
403.70.18.1.K	SK 40 - 18 - 120
403.70.20.1.K	SK 40 - 20 - 120
503.71.06.K	SK 50 - 06 - 80
503.71.08.K	SK 50 - 08 - 80
503.71.10.K	SK 50 - 10 - 80
503.71.12.K	SK 50 - 12 - 80
503.71.14.K	SK 50 - 14 - 80
503.71.16.K	SK 50 - 16 - 80
503.71.18.K	SK 50 - 18 - 80
503.71.20.K	SK 50 - 20 - 80
503.71.25.K	SK 50 - 25 - 100
503.71.32.K	SK 50 - 32 - 100

1



Portscula cu fretare 3° - subtire
Shrink chucks 3° - slim
Mandrins de fretage 3° - élané

DIN 69871



AD/B

$\gamma \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
403.72.03	SK 40 - 03 - 80
403.72.04	SK 40 - 04 - 80
403.72.05	SK 40 - 05 - 80
403.72.06	SK 40 - 06 - 80
403.72.08	SK 40 - 08 - 80
403.72.10	SK 40 - 10 - 80
403.72.12	SK 40 - 12 - 80
403.72.03.1	SK 40 - 03 - 120
403.72.04.1	SK 40 - 04 - 120
403.72.05.1	SK 40 - 05 - 120
403.72.06.1	SK 40 - 06 - 120
403.72.08.1	SK 40 - 08 - 120
403.72.10.1	SK 40 - 10 - 120
403.72.12.1	SK 40 - 12 - 120
403.72.06.2	SK 40 - 06 - 160
403.72.08.2	SK 40 - 08 - 160
403.72.10.2	SK 40 - 10 - 160
403.72.12.2	SK 40 - 12 - 160



Prelungitor pentru portscula cu fretare
Shrink fit extensions (with end stop)
Rallonges de fretage (avec butée)

$\gamma \leq 0,003$

Cod Order no. / Référence	Dimensiuni Size / Dimension
120.70.03	20 - 03 - 150
120.70.04	20 - 04 - 150
120.70.05	20 - 05 - 150
120.70.06*	20 - 06 - 150
120.70.08*	20 - 08 - 150
120.70.10*	20 - 10 - 150
120.70.12*	20 - 12 - 150

* cu opritor | * with end stop | * avec butée



Suplimentar- 2 canale de racire
Supplementary eroding of 2
cooling channels
Éroder supplémentaire de 2
canaux d'arrosage

Cod

Order no. / Référence

U.KKB

Toolholders JIS B 6339 (MAS 403 BT)

Porte-outils JIS B 6339 (MAS 403 BT)



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

JIS B 6339	AD/B	$\nabla \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
305.70.03 *	BT 30 - 03 - 80
305.70.04 *	BT 30 - 04 - 80
305.70.05 *	BT 30 - 05 - 80
305.70.06 *	BT 30 - 06 - 80
305.70.08 *	BT 30 - 08 - 80
305.70.10 *	BT 30 - 10 - 90
305.70.12 *	BT 30 - 12 - 90
305.70.14 *	BT 30 - 14 - 90
305.70.16 *	BT 30 - 16 - 90
305.70.18 *	BT 30 - 18 - 90
305.70.20 *	BT 30 - 20 - 90
305.70.25 *	BT 30 - 25 - 100
406.70.03	BT 40 - 03 - 80
406.70.04	BT 40 - 04 - 80
406.70.05	BT 40 - 05 - 80
406.70.06	BT 40 - 06 - 90
406.70.08	BT 40 - 08 - 90
406.70.10	BT 40 - 10 - 90
406.70.12	BT 40 - 12 - 90
406.70.14	BT 40 - 14 - 90
406.70.16	BT 40 - 16 - 90
406.70.18	BT 40 - 18 - 90
406.70.20	BT 40 - 20 - 90
406.70.25	BT 40 - 25 - 100
406.70.32	BT 40 - 32 - 100
406.70.06.1	BT 40 - 06 - 120
406.70.08.1	BT 40 - 08 - 120
406.70.10.1	BT 40 - 10 - 120
406.70.12.1	BT 40 - 12 - 120
406.70.14.1	BT 40 - 14 - 120
406.70.16.1	BT 40 - 16 - 120
406.70.18.1	BT 40 - 18 - 120
406.70.20.1	BT 40 - 20 - 120
406.70.06.2	BT 40 - 06 - 160
406.70.08.2	BT 40 - 08 - 160
406.70.10.2	BT 40 - 10 - 160
406.70.12.2	BT 40 - 12 - 160
406.70.14.2	BT 40 - 14 - 160
406.70.16.2	BT 40 - 16 - 160
406.70.18.2	BT 40 - 18 - 160
406.70.20.2	BT 40 - 20 - 160
406.70.25.2	BT 40 - 25 - 160
406.70.32.2	BT 40 - 32 - 160



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

JIS B 6339	AD/B	$\nabla \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
506.71.04	BT 50 - 04 - 100
506.71.05	BT 50 - 05 - 100
506.71.06	BT 50 - 06 - 100
506.71.08	BT 50 - 08 - 100
506.71.10	BT 50 - 10 - 100
506.71.12	BT 50 - 12 - 100
506.71.14	BT 50 - 14 - 100
506.71.16	BT 50 - 16 - 100
506.71.18	BT 50 - 18 - 110
506.71.20	BT 50 - 20 - 110
506.71.25	BT 50 - 25 - 120
506.71.32	BT 50 - 32 - 120
506.71.06.1	BT 50 - 06 - 120
506.71.08.1	BT 50 - 08 - 120
506.71.10.1	BT 50 - 10 - 120
506.71.12.1	BT 50 - 12 - 120
506.71.14.1	BT 50 - 14 - 120
506.71.16.1	BT 50 - 16 - 120
506.71.18.1	BT 50 - 18 - 120
506.71.20.1	BT 50 - 20 - 120
505.71.06.2	BT 50 - 06 - 160
505.71.08.2	BT 50 - 08 - 160
505.71.10.2	BT 50 - 10 - 160
505.71.12.2	BT 50 - 12 - 160
505.71.14.2	BT 50 - 14 - 160
505.71.16.2	BT 50 - 16 - 160
505.71.18.2	BT 50 - 18 - 160
505.71.20.2	BT 50 - 20 - 160
505.71.25.2	BT 50 - 25 - 160
505.71.32.2	BT 50 - 32 - 160
505.71.06.3	BT 50 - 06 - 200
505.71.08.3	BT 50 - 08 - 200
505.71.10.3	BT 50 - 10 - 200
505.71.12.3	BT 50 - 12 - 200
505.71.14.3	BT 50 - 14 - 200
505.71.16.3	BT 50 - 16 - 200
505.71.18.3	BT 50 - 18 - 200
505.71.20.3	BT 50 - 20 - 200
505.71.25.3	BT 50 - 25 - 200
505.71.32.3	BT 50 - 32 - 200

* Forma AD | * Form AD | * Forme AD

K Portscale JIS B 6339 (MAS 403 BT)

Toolholders JIS B 6339 (MAS 403 BT)

Porte-outils JIS B 6339 (MAS 403 BT)



Portscula cu fretare 4,5°
cu canal de racire
*Shrink chucks 4,5°
with cooling channels*
Mandrins de fretage 4,5°
avec canaux d'arrosage

JIS B 6339



AD/B

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
406.70.06.K	BT 40 - 06 - 90
406.70.08.K	BT 40 - 08 - 90
406.70.10.K	BT 40 - 10 - 90
406.70.12.K	BT 40 - 12 - 90
406.70.14.K	BT 40 - 14 - 90
406.70.16.K	BT 40 - 16 - 90
406.70.18.K	BT 40 - 18 - 90
406.70.20.K	BT 40 - 20 - 90
506.71.06.K	BT 50 - 06 - 100
506.71.08.K	BT 50 - 08 - 100
506.71.10.K	BT 50 - 10 - 100
506.71.12.K	BT 50 - 12 - 100
506.71.14.K	BT 50 - 14 - 100
506.71.16.K	BT 50 - 16 - 100
506.71.18.K	BT 50 - 18 - 110
506.71.20.K	BT 50 - 20 - 110



Portscula cu fretare 3° - subtire
Shrink chucks 3° - slim
Mandrins de fretage 3° - élané

JIS B 6339



AD/B

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
406.72.03	BT 40 - 03 - 90
406.72.04	BT 40 - 04 - 90
406.72.05	BT 40 - 05 - 90
406.72.06	BT 40 - 06 - 90
406.72.08	BT 40 - 08 - 90
406.72.10	BT 40 - 10 - 90
406.72.12	BT 40 - 12 - 90
406.72.03.1	BT 40 - 03 - 120
406.72.04.1	BT 40 - 04 - 120
406.72.05.1	BT 40 - 05 - 120
406.72.06.1	BT 40 - 06 - 120
406.72.08.1	BT 40 - 08 - 120
406.72.10.1	BT 40 - 10 - 120
406.72.12.1	BT 40 - 12 - 120
406.72.06.2	BT 40 - 06 - 160
406.72.08.2	BT 40 - 08 - 160
406.72.10.2	BT 40 - 10 - 160
406.72.12.2	BT 40 - 12 - 160



Prelungitor pentru portscula
cu fretare
Shrink fit extensions (with end stop)
Rallonges de fretage (avec butée)

$\nabla \leq 0,003$

Cod Order no. / Référence	Dimensiuni Size / Dimension
120.70.03	20 - 03 - 150
120.70.04	20 - 04 - 150
120.70.05	20 - 05 - 150
120.70.06*	20 - 06 - 150
120.70.08*	20 - 08 - 150
120.70.10*	20 - 10 - 150
120.70.12*	20 - 12 - 150

* cu opritor | * with end stop | * avec butée



Suplimentar- 2 canale de racire
*Supplementary eroding of 2
cooling channels*
Éroder supplémentaire de 2
canaux d'arrosage

Cod

Order no. / Référence

U.KKB

Toolholders Dual contact

Porte-outils Contact direct



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

JIS B 6339
DUAL-CONTACT

AD/B

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
DC.305.70.03*	BT 30 - 03 - 80
DC.305.70.04*	BT 30 - 04 - 80
DC.305.70.05*	BT 30 - 05 - 80
DC.305.70.06*	BT 30 - 06 - 80
DC.305.70.08*	BT 30 - 08 - 80
DC.305.70.10*	BT 30 - 10 - 90
DC.305.70.12*	BT 30 - 12 - 90
DC.305.70.14*	BT 30 - 14 - 90
DC.305.70.16*	BT 30 - 16 - 90
DC.305.70.18*	BT 30 - 18 - 90
DC.305.70.20*	BT 30 - 20 - 90
DC.406.70.03	BT 40 - 03 - 80
DC.406.70.04	BT 40 - 04 - 80
DC.406.70.05	BT 40 - 05 - 80
DC.406.70.06	BT 40 - 06 - 90
DC.406.70.08	BT 40 - 08 - 90
DC.406.70.10	BT 40 - 10 - 90
DC.406.70.12	BT 40 - 12 - 90
DC.406.70.14	BT 40 - 14 - 90
DC.406.70.16	BT 40 - 16 - 90
DC.406.70.18	BT 40 - 18 - 90
DC.406.70.20	BT 40 - 20 - 90
DC.406.70.25	BT 40 - 25 - 100
DC.406.70.32	BT 40 - 32 - 100
DC.406.70.06.1	BT 40 - 06 - 120
DC.406.70.08.1	BT 40 - 08 - 120
DC.406.70.10.1	BT 40 - 10 - 120
DC.406.70.12.1	BT 40 - 12 - 120
DC.406.70.14.1	BT 40 - 14 - 120
DC.406.70.16.1	BT 40 - 16 - 120
DC.406.70.20.1	BT 40 - 20 - 120

* Form AD | * Form AD | * Forme AD



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

DIN 69871
DUAL-CONTACT

AD/B

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
DC.403.70.03	SK 40 - 03 - 80
DC.403.70.04	SK 40 - 04 - 80
DC.403.70.05	SK 40 - 05 - 80
DC.403.70.06	SK 40 - 06 - 80
DC.403.70.08	SK 40 - 08 - 80
DC.403.70.10	SK 40 - 10 - 80
DC.403.70.12	SK 40 - 12 - 80
DC.403.70.14	SK 40 - 14 - 80
DC.403.70.16	SK 40 - 16 - 80
DC.403.70.18	SK 40 - 18 - 80
DC.403.70.20	SK 40 - 20 - 80
DC.403.70.25	SK 40 - 25 - 100
DC.403.70.32	SK 40 - 32 - 100



Consultati catalogul pentru mai multe produse si informatii.
Please check our catalogue for more products and detailed information.
Vous trouvez plus de produits et d'information dans notre catalogue général.

Toolholders DIN 69893 / ISO 12164 (HSK-A)

Porte-outils DIN 69893 / ISO 12164 (HSK-A)



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

ISO 12164-1
(DIN 69893-1)

HSK - A

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
A32.70.03	HSK 32 - 03 - 60
A32.70.04	HSK 32 - 04 - 60
A32.70.05	HSK 32 - 05 - 60
A32.70.06	HSK 32 - 06 - 70
A32.70.08	HSK 32 - 08 - 70
A32.70.10	HSK 32 - 10 - 70
A32.70.12	HSK 32 - 12 - 90
A32.70.14	HSK 32 - 14 - 90
A32.70.16	HSK 32 - 16 - 90
A32.70.20	HSK 32 - 20 - 100
A40.70.03	HSK 40 - 03 - 80
A40.70.04	HSK 40 - 04 - 80
A40.70.05	HSK 40 - 05 - 80
A40.70.06	HSK 40 - 06 - 80
A40.70.08	HSK 40 - 08 - 80
A40.70.10	HSK 40 - 10 - 80
A40.70.12	HSK 40 - 12 - 90
A40.70.14	HSK 40 - 14 - 90
A40.70.16	HSK 40 - 16 - 90
A40.70.18	HSK 40 - 18 - 95
A40.70.20	HSK 40 - 20 - 100
A50.70.03	HSK 50 - 03 - 80
A50.70.04	HSK 50 - 04 - 80
A50.70.05	HSK 50 - 05 - 80
A50.70.06	HSK 50 - 06 - 80
A50.70.08	HSK 50 - 08 - 80
A50.70.10	HSK 50 - 10 - 85
A50.70.12	HSK 50 - 12 - 90
A50.70.14	HSK 50 - 14 - 90
A50.70.16	HSK 50 - 16 - 95
A50.70.18	HSK 50 - 18 - 95
A50.70.20	HSK 50 - 20 - 100



Suplimentar- 2 canale de racire
Supplementary eroding of 2
cooling channels
Éroder supplémentaire de 2
canaux d'arrosage

Cod

Order no. / Référence

U.KKB



Conducta de racire
Coolant tubes
Canules de lubrification

ISO 12164-1
(DIN 69893-1)

HSK - A

Cod Order no. / Référence	Dimensiuni Size / Dimension
A32.700	HSK 32
A40.700	HSK 40
A50.700	HSK 50
A63.700	HSK 63
A80.700	HSK 80
A100.700	HSK 100



Cheie pentru conducta de
racire
Key for coolant tubes
Clés pour canules de lubrification

Cod Order no. / Référence	Dimensiuni Size / Dimension
A32.701	HSK 32
A40.701	HSK 40
A50.701	HSK 50
A63.701	HSK 63
A80.701	HSK 80
A100.701	HSK 100

Toolholders DIN 69893 / ISO 12164 (HSK-A)

Porte-outils DIN 69893 / ISO 12164 (HSK-A)



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

ISO 12164-1 (DIN 69893-1)	HSK - A	$\nabla \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
A63.70.03	HSK 63 - 03 - 80
A63.70.04	HSK 63 - 04 - 80
A63.70.05	HSK 63 - 05 - 80
A63.70.06	HSK 63 - 06 - 80
A63.70.08	HSK 63 - 08 - 80
A63.70.10	HSK 63 - 10 - 85
A63.70.12	HSK 63 - 12 - 90
A63.70.14	HSK 63 - 14 - 90
A63.70.16	HSK 63 - 16 - 95
A63.70.18	HSK 63 - 18 - 95
A63.70.20	HSK 63 - 20 - 100
A63.70.25	HSK 63 - 25 - 115
A63.70.32	HSK 63 - 32 - 120
A63.70.03.1	HSK 63 - 03 - 120
A63.70.04.1	HSK 63 - 04 - 120
A63.70.05.1	HSK 63 - 05 - 120
A63.70.06.1	HSK 63 - 06 - 120
A63.70.08.1	HSK 63 - 08 - 120
A63.70.10.1	HSK 63 - 10 - 120
A63.70.12.1	HSK 63 - 12 - 120
A63.70.14.1	HSK 63 - 14 - 120
A63.70.16.1	HSK 63 - 16 - 120
A63.70.18.1	HSK 63 - 18 - 120
A63.70.20.1	HSK 63 - 20 - 120
A63.70.03.2	HSK 63 - 03 - 160
A63.70.04.2	HSK 63 - 04 - 160
A63.70.05.2	HSK 63 - 05 - 160
A63.70.06.2	HSK 63 - 06 - 160
A63.70.08.2	HSK 63 - 08 - 160
A63.70.10.2	HSK 63 - 10 - 160
A63.70.12.2	HSK 63 - 12 - 160
A63.70.14.2	HSK 63 - 14 - 160
A63.70.16.2	HSK 63 - 16 - 160
A63.70.18.2	HSK 63 - 18 - 160
A63.70.20.2	HSK 63 - 20 - 160
A63.70.25.2	HSK 63 - 25 - 160
A63.70.32.2	HSK 63 - 32 - 160



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

ISO 12164-1 (DIN 69893-1)	HSK - A	$\nabla \leq 0,003$	G2,5 25.000 min ⁻¹
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Cod Order no. / Référence	Dimensiuni Size / Dimension
A63.70.06.3	HSK 63 - 06 - 200
A63.70.08.3	HSK 63 - 08 - 200
A63.70.10.3	HSK 63 - 10 - 200
A63.70.12.3	HSK 63 - 12 - 200
A63.70.14.3	HSK 63 - 14 - 200
A63.70.16.3	HSK 63 - 16 - 200
A63.70.18.3	HSK 63 - 18 - 200
A63.70.20.3	HSK 63 - 20 - 200
A63.70.25.3	HSK 63 - 25 - 200
A63.70.32.3	HSK 63 - 32 - 200

Toolholders DIN 69893 / ISO 12164 (HSK-A)

Porte-outils DIN 69893 / ISO 12164 (HSK-A)



Portscula cu fretare 4,5°
Shrink chucks 4,5°
Mandrins de fretage 4,5°

ISO 12164-1
(DIN 69893-1)

HSK - A

$\gamma \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
A100.70.04	HSK 100 - 04 - 85
A100.70.05	HSK 100 - 05 - 85
A100.70.06	HSK 100 - 06 - 85
A100.70.08	HSK 100 - 08 - 85
A100.70.10	HSK 100 - 10 - 90
A100.70.12	HSK 100 - 12 - 95
A100.70.14	HSK 100 - 14 - 95
A100.70.16	HSK 100 - 16 - 100
A100.70.18	HSK 100 - 18 - 100
A100.70.20	HSK 100 - 20 - 105
A100.70.25	HSK 100 - 25 - 120
A100.70.32	HSK 100 - 32 - 120
A100.70.06.1	HSK 100 - 06 - 120
A100.70.08.1	HSK 100 - 08 - 120
A100.70.10.1	HSK 100 - 10 - 120
A100.70.12.1	HSK 100 - 12 - 120
A100.70.14.1	HSK 100 - 14 - 120
A100.70.16.1	HSK 100 - 16 - 120
A100.70.18.1	HSK 100 - 18 - 120
A100.70.20.1	HSK 100 - 20 - 120
A100.70.06.2	HSK 100 - 06 - 160
A100.70.08.2	HSK 100 - 08 - 160
A100.70.10.2	HSK 100 - 10 - 160
A100.70.12.2	HSK 100 - 12 - 160
A100.70.14.2	HSK 100 - 14 - 160
A100.70.16.2	HSK 100 - 16 - 160
A100.70.18.2	HSK 100 - 18 - 160
A100.70.20.2	HSK 100 - 20 - 160
A100.70.25.2	HSK 100 - 25 - 160
A100.70.32.2	HSK 100 - 32 - 160
A100.70.06.3	HSK 100 - 06 - 200
A100.70.08.3	HSK 100 - 08 - 200
A100.70.10.3	HSK 100 - 10 - 200
A100.70.12.3	HSK 100 - 12 - 200
A100.70.14.3	HSK 100 - 14 - 200
A100.70.16.3	HSK 100 - 16 - 200
A100.70.18.3	HSK 100 - 18 - 200
A100.70.20.3	HSK 100 - 20 - 200
A100.70.25.3	HSK 100 - 25 - 200
A100.70.32.3	HSK 100 - 32 - 200



Portscula cu fretare 3° - subtire
Shrink chucks 3° - slim
Mandrins de fretage 3° - élané

ISO 12164-1
(DIN 69893-1)

HSK - A

$\gamma \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
A63.72.03	HSK 63 - 03 - 80
A63.72.04	HSK 63 - 04 - 80
A63.72.05	HSK 63 - 05 - 80
A63.72.06	HSK 63 - 06 - 80
A63.72.08	HSK 63 - 08 - 80
A63.72.10	HSK 63 - 10 - 85
A63.72.12	HSK 63 - 12 - 90
A63.72.03.1	HSK 63 - 03 - 120
A63.72.04.1	HSK 63 - 04 - 120
A63.72.05.1	HSK 63 - 05 - 120
A63.72.06.1	HSK 63 - 06 - 120
A63.72.08.1	HSK 63 - 08 - 120
A63.72.10.1	HSK 63 - 10 - 120
A63.72.12.1	HSK 63 - 12 - 120
A63.72.04.2	HSK 63 - 04 - 160
A63.72.05.2	HSK 63 - 05 - 160
A63.72.06.2	HSK 63 - 06 - 160
A63.72.08.2	HSK 63 - 08 - 160
A63.72.10.2	HSK 63 - 10 - 160
A63.72.12.2	HSK 63 - 12 - 160



Suplimentar- 2 canale de racire
Supplementary eroding of 2
cooling channels
Éroder supplémentaire de 2
canaux d'arrosage

Cod

Order no. / Référence

U.KKB

Toolholders DIN 69893 / ISO 12164 (HSK-A)

Porte-outils DIN 69893 / ISO 12164 (HSK-A)



Portscula cu fretare 4,5°
cu canal de racire
*Shrink chucks 4,5°
with cooling channels*
Mandrins de fretage 4,5°
avec canaux d'arrosage

ISO 12164-1
(DIN 69893-1)

HSK - A

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
A63.70.03.K	HSK 63 - 03 - 80
A63.70.04.K	HSK 63 - 04 - 80
A63.70.05.K	HSK 63 - 05 - 80
A63.70.06.K	HSK 63 - 06 - 80
A63.70.08.K	HSK 63 - 08 - 80
A63.70.10.K	HSK 63 - 10 - 85
A63.70.12.K	HSK 63 - 12 - 90
A63.70.14.K	HSK 63 - 14 - 90
A63.70.16.K	HSK 63 - 16 - 95
A63.70.18.K	HSK 63 - 18 - 95
A63.70.20.K	HSK 63 - 20 - 100
A63.70.25.K	HSK 63 - 25 - 115
A63.70.32.K	HSK 63 - 32 - 120
A63.70.03.1.K	HSK 63 - 03 - 120
A63.70.04.1.K	HSK 63 - 04 - 120
A63.70.05.1.K	HSK 63 - 05 - 120
A63.70.06.1.K	HSK 63 - 06 - 120
A63.70.08.1.K	HSK 63 - 08 - 120
A63.70.10.1.K	HSK 63 - 10 - 120
A63.70.12.1.K	HSK 63 - 12 - 120
A63.70.14.1.K	HSK 63 - 14 - 120
A63.70.16.1.K	HSK 63 - 16 - 120
A63.70.18.1.K	HSK 63 - 18 - 120
A63.70.20.1.K	HSK 63 - 20 - 120
A63.70.06.2.K	HSK 63 - 06 - 160
A63.70.08.2.K	HSK 63 - 08 - 160
A63.70.10.2.K	HSK 63 - 10 - 160
A63.70.12.2.K	HSK 63 - 12 - 160
A63.70.14.2.K	HSK 63 - 14 - 160
A63.70.16.2.K	HSK 63 - 16 - 160
A63.70.18.2.K	HSK 63 - 18 - 160
A63.70.20.2.K	HSK 63 - 20 - 160
A63.70.25.2.K	HSK 63 - 25 - 160



Portscula cu fretare 4,5°
cu canal de racire
*Shrink chucks 4,5°
with cooling channels*
Mandrins de fretage 4,5°
avec canaux d'arrosage

ISO 12164-1
(DIN 69893-1)

HSK - A

$\nabla \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
A100.70.06.K	HSK 100 - 06 - 85
A100.70.08.K	HSK 100 - 08 - 85
A100.70.10.K	HSK 100 - 10 - 90
A100.70.12.K	HSK 100 - 12 - 95
A100.70.14.K	HSK 100 - 14 - 95
A100.70.16.K	HSK 100 - 16 - 100
A100.70.18.K	HSK 100 - 18 - 100
A100.70.20.K	HSK 100 - 20 - 105
A100.70.25.K	HSK 100 - 25 - 120
A100.70.32.K	HSK 100 - 32 - 120

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Prelungitor pentru portscula cu
fretare
Shrink fit extensions (with end stop)
Rallonges de fretage (avec butée)

$\nabla \leq 0,003$

Cod Order no. / Référence	Dimensiuni Size / Dimension
120.70.03	20 - 03 - 150
120.70.04	20 - 04 - 150
120.70.05	20 - 05 - 150
120.70.06*	20 - 06 - 150
120.70.08*	20 - 08 - 150
120.70.10*	20 - 10 - 150
120.70.12*	20 - 12 - 150

* cu opritor | * with end stop | * avec butée

Toolholders DIN 69893 / ISO 12164 (HSK-F)

Porte-outils DIN 69893 / ISO 12164 (HSK-F)



Portscula cu fretare 4,5°

Shrink chucks 4,5°

Mandrins de fretage 4,5°

ISO 12164-1
(DIN 69893-1)

HSK - F

$\nabla \leq 0,003$

G2.5
25.000 min⁻¹

Cod	Dimensiuni
Order no. / Référence	Size / Dimension
F63.70.03	HSK 63 - 03 - 80
F63.70.04	HSK 63 - 04 - 80
F63.70.05	HSK 63 - 05 - 80
F63.70.06	HSK 63 - 06 - 80
F63.70.08	HSK 63 - 08 - 80
F63.70.10	HSK 63 - 10 - 85
F63.70.12	HSK 63 - 12 - 90
F63.70.14	HSK 63 - 14 - 95
F63.70.16	HSK 63 - 16 - 95
F63.70.18	HSK 63 - 18 - 95
F63.70.20	HSK 63 - 20 - 100
F63.70.25	HSK 63 - 25 - 115
F63.70.32	HSK 63 - 32 - 125
F63.70.03.1	HSK 63 - 03 - 120
F63.70.04.1	HSK 63 - 04 - 120
F63.70.05.1	HSK 63 - 05 - 120
F63.70.06.1	HSK 63 - 06 - 120
F63.70.08.1	HSK 63 - 08 - 120
F63.70.10.1	HSK 63 - 10 - 120
F63.70.12.1	HSK 63 - 12 - 120
F63.70.14.1	HSK 63 - 14 - 120
F63.70.16.1	HSK 63 - 16 - 120
F63.70.18.1	HSK 63 - 18 - 120
F63.70.20.1	HSK 63 - 20 - 120

Consultati catalogul pentru mai multe produse si informatii.
Please check our catalogue for more products and detailed information.
Vous trouvez plus de produits et d'information dans notre catalogue général.



Toolholders with polygonal shank ISO 26623

Porte-outils à queue polygonale ISO 26623



Portscula cu fretare 4,5°

Shrink chucks 4,5°

Mandrins de fretage 4,5°

ISO 26623

$\lambda \leq 0,003$

G2,5
25.000 min⁻¹

Cod Order no. / Référence	Dimensiuni Size / Dimension
C3.70.06	C3 - 06 - 60
C3.70.08	C3 - 08 - 107
C3.70.10	C3 - 10 - 95
C3.70.12	C3 - 12 - 84
C4.70.06	C4 - 06 - 75
C4.70.08	C4 - 08 - 75
C4.70.10	C4 - 10 - 75
C4.70.12	C4 - 12 - 75
C4.70.14	C4 - 14 - 80
C4.70.16	C4 - 16 - 80
C4.70.18	C4 - 18 - 80
C4.70.20	C4 - 20 - 85
C5.70.06	C5 - 06 - 75
C5.70.08	C5 - 08 - 75
C5.70.10	C5 - 10 - 75
C5.70.12	C5 - 12 - 75
C5.70.14	C5 - 14 - 80
C5.70.16	C5 - 16 - 80
C5.70.18	C5 - 18 - 80
C5.70.20	C5 - 20 - 85
C5.70.25	C5 - 25 - 90
C6.70.06	C6 - 06 - 80
C6.70.08	C6 - 08 - 80
C6.70.10	C6 - 10 - 80
C6.70.12	C6 - 12 - 80
C6.70.14	C6 - 14 - 85
C6.70.16	C6 - 16 - 85
C6.70.18	C6 - 18 - 85
C6.70.20	C6 - 20 - 85
C6.70.25	C6 - 25 - 90
C6.70.32	C6 - 32 - 95



Prelungitor pentru portscula cu fretare

Shrink fit extensions (with end stop)

Rallonges de fretage (avec butée)

$\lambda \leq 0,003$

Cod Order no. / Référence	Dimensiuni Size / Dimension
120.70.03	20 - 03 - 150
120.70.04	20 - 04 - 150
120.70.05	20 - 05 - 150
120.70.06*	20 - 06 - 150
120.70.08*	20 - 08 - 150
120.70.10*	20 - 10 - 150
120.70.12*	20 - 12 - 150

* cu opritor * with end stop | * avec butée

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Suplimentar- 2 canale de racire

Supplementary eroding of 2 cooling channels

Éroder supplémentaire de 2 canaux d'arrosage

Cod

Order no. / Référence

U.KKB

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