

Rubrik 4 // Section 4

Werkzeugsysteme // Tooling Systems

Multitasking

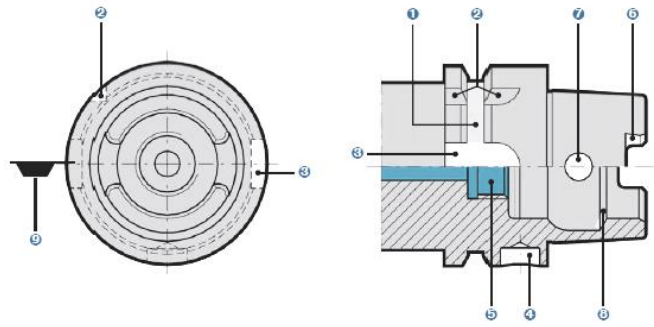
ISO12164-3 DIN69893-3 HSK-T



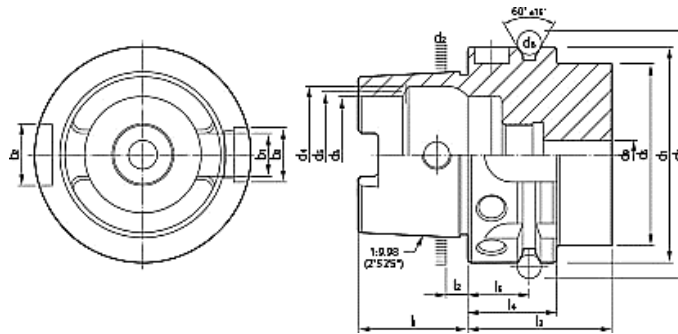
EWS
Tool Technologies

ISO12164-3 (DIN69893-3) HSK-T

INFORMATION



DE	EN	FR	ES
1 Greiferrille: umlaufende V-Nut	Gripper groove: circular groove	Rainure de préhension : rainure circulaire	Ranura de agarre: ranura circular
2 Positionskerbe quer zur Greiferrille (Indexierung)	Position notch across the gripper groove (indexing)	Positionner l'encoche en travers de la rainure de la pince (indexation)	Posicionar la muesca en la ranura de la pinza (indexación)
3 Mitnehmernut am Bund	Collar driver groove	rainure d'entraînement au niveau du col	ranura de conducción en el cuello
4 Codier Bohrung	Coding bore	Trou de codage	Agujero de codificación
5 Anschlussgewinde für Kühlmittelübergabeeinheit	Connection thread for coolant transfer unit	Filet de raccordement pour l'unité de transfert du liquide de refroidissement	Rosca de conexión para la unidad de transferencia de refrigerante
6 Mitnehmernut am Kegelschaft	Driving groove on the taper shank	Rainure d'entraînement sur la tige conique	Ranura de arrastre en el vástago cónico
7 Radiale Zugriffsbohrung	Radial access hole	Trou d'accès radial	Agujero de acceso radial
8 Spannschulter	Clamping shoulder	Epaule tendue	Tensión del hombro
9 Lage der Werkzeugschneide bei einschneidigen Werkzeugen	Position of the tool cutting edge for single-edged tools	Position du tranchant de l'outil pour les outils à simple tranchant	Posición del filo de la herramienta para herramientas de un solo filo



HSK T	d1	d2	D3	d4	d5	d6	d7	d8	d9	l1	l2	l3	l4	l5	b1	b2	b3
	h10		H10	H11		max	0 -0.1		max	0 -0.2		min	0 -0.1	+0.1	+0.35	H10	H10
40	40	30.007	21	25.5	23	34	45	4	5	20	4	35	20	16	7.932	9	11
50	50	38.009	26	32	29	42	59.3	7	6.8	25	5	42	26	18	10.425	12	14
63	63	48.010	34	40	37	53	72.3	7	8.4	32	6.3	42	26	18	12.425	16	18
100	100	75.013	53	63	58	88	109.75	7	12	50	10	45	29	20	19.91	20	22

DE HSK-T für genaue radiale Positionierung, für automatischen und manuellen Werkzeugwechsel

EN HSK-T for accurate radial positioning, for automatic and manual tool change

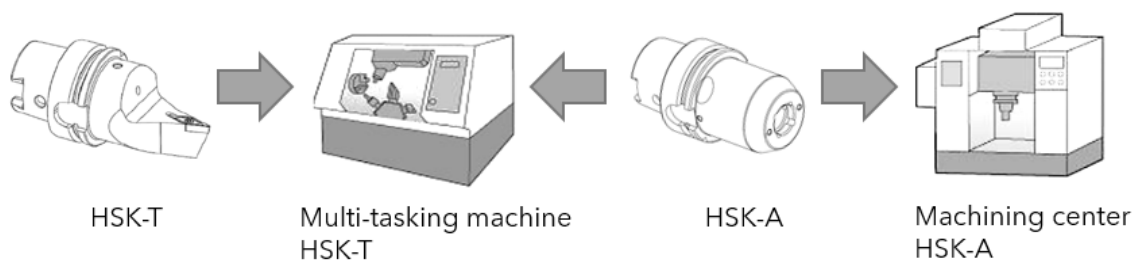
FR HSK-T pour un positionnement radial précis, pour un changement d'outil automatique et manuel

ES HSK-T para el posicionamiento radial preciso, para el cambio de herramienta automático y manual

INHALTSVERZEICHNIS

Table of contents
Table des matières
Índice de contenidos

DE EN		FR ES
Bohrstangenaufnahmen Boring Bar Holder	4.2.04	Porte-outils pour barres d'alésage Soporte para barras de mandrinar
Drehhalter Vierkant axial Turning Square Toolholder axial	4.2.05	Adaptateur à 0° pour outils prismatiques Portaherramientas a 0°
Drehhalter radial Turning Square Toolholder radial	4.2.06	Adaptateur à 90° pour outils prismatiques Portaherramientas a 90°
Doppel Drehhalter Vierkant Multipurpose Double Square Toolholder	4.2.06	Adaptateur à 0° double pour outils prismatiques Portaherramientas doble a 0°
Mehrfach Drehhalter Multipurpose Double Square Toolholder Triple	4.2.07	Adaptateur à 0° triple pour outils prismatiques Portaherramientas triple a 0°
Drehhalter Vierkant axial Zentral Turning Square Toolholder axial central	4.2.07	Adaptateur à 0° pour outils prismatiques à centre Portaherramientas a 0° central
Drehhalter Vierkant axial 45° Turning Square Toolholder axial 45°	4.2.08	Adaptateur à 0° pour outils prismatiques 45° Portaherramientas a 0° - 45°
ISO Bezeichnung Drehwerkzeuge ISO designation Toolholder	4.2.10	Désignation ISO Porte-outils Designación ISO Portaherramientas
Übersicht Drehwerkzeuge Overview Toolholder	4.2.11	Aperçu des porte-outils Resumen Portaherramientas
SCLC PVLN SDUC PDJN PDJN SVUB SVJB PCLN SDHC PDUN SDJC SDJC SVUC SVJC		PDJN DVJN SVUB SVPC PCMN PDNN SVVC SDJC SVPB SVUC SCMC SDNC SVVB DVVN
HSK Bohrstange Innendrehen HSK Boring Bar for Internal turning	4.2.22	Barre d'alésage HSK pour le tournage intérieur HSK Barra de mandrinar para Torneado interior
	SCLC PCLN SDQC PDQN	
Bohrstangenschäfte für Wechselschneidköpfe Boring Bars for exchangeable cutting heads	4.2.24	Barres d'alésage pour têtes de coupe interchangeables Barras de mandrinar para cabezales de corte intercambiables
Wechselschneidköpfe für Wendeplatten Exchangeable cutting heads	4.2.25	Têtes de coupe interchangeables Cabezales modulares
	SVPB SVQB SDQC SVUB SDUC SCLC SDNC STFC SDXC PCLN PDQN PDJN PVLN	



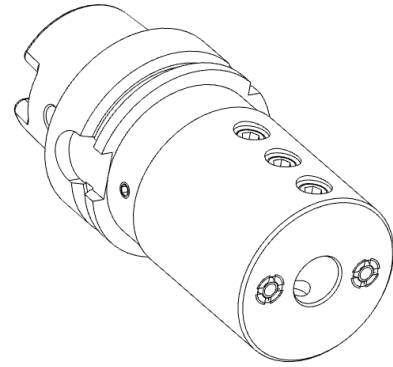
ISO12164-3 (DIN69893-3) **HSK-T**

BOHRSTANGENAUFNAHMEN HSK-T

Boring Bar Holder

Porte-outils pour barres d'alésage

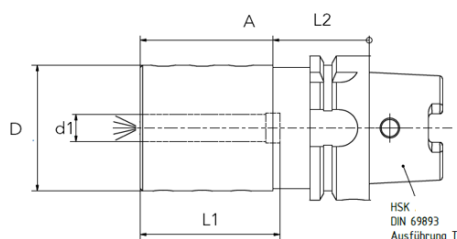
Soporte para barras de mandrinar

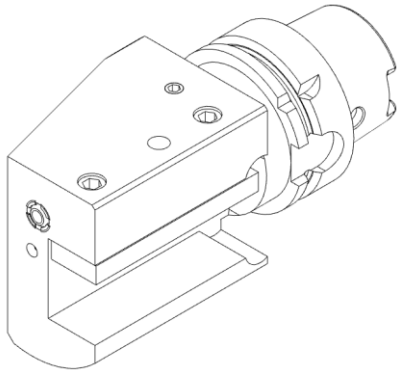


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HSK40AT	203918	19.HSK40AT06	06				
HSK40AT	162481	19.HSK40AT08	08				
HSK40AT	166223	19.HSK40AT10	10				
HSK40AT	166227	19.HSK40AT12	12				
HSK40AT	219024	19.HSK40AT14	14				
HSK40AT	163419	19.HSK40AT16	18				
HSK40AT	178758	19.HSK40AT20	20				
HSK40AT	178759	19.HSK40AT25	25				
HSK40AT	207623	19.HSK40AT25L105	25				
HSK40AT	198071	19.HSK40AT32L110	32				

ISO	ID	Code	d	A	L1	L2	D
HSK63AT	S02652	19.HSK63AT06	06	100	61	42	55
HSK63AT	S02653	19.HSK63AT08	08	100	61	42	55
HSK63AT	S02654	19.HSK63AT10	10	100	61	42	55
HSK63AT	S01039	19.HSK63AT12	12	100	61	42	55
HSK63AT	216248	19.HSK63AT14	14	100	61	42	55
HSK63AT	165268	19.HSK63AT18	18	100	61	42	55
HSK63AT	S01041	19.HSK63AT20	20	100	61	42	55
HSK63AT	S01042	19.HSK63AT25	25	100	61	42	55
HSK63AT	S01043	19.HSK63AT32	32	120	61	42	65
HSK63AT	122554	19.HSK63AT40	40	125	75	42	65

ISO	ID	Code	d	A	L1	L2	D
HSK100AT	130885	19.HSK100AT20L103	20	103	61	29	55
HSK100AT	130886	19.HSK100AT25L103	25	103	61	29	55
HSK100AT	130887	19.HSK100AT32L103	32	103	61	29	55
HSK100AT	130888	19.HSK100AT40L117	40	117	75	29	70
HSK100AT	170832	19.HSK100AT50L125	50	125	83	29	85

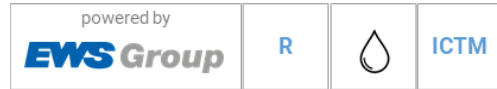




ISO12164-3 (DIN69893-3) **HSK-T**

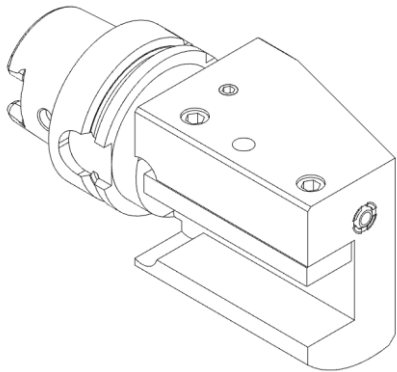
DREHALTER VIERKANT AXIAL RECHTS

Turning Square Toolholder axial righthand
Adaptateur à 0° pour outils prismatiques à droite
Portaherramientas a 0° a la derecha



ISO	ID	Code	d	A	D1	D2	D3	D4	D5	L1
HSK40AT	162483	1.HSK40AT20X5	20							
HSK40AT	219156	1.HSK40AT20X10	20							
HSK63AT	S00892	1.HSK63AT25X8	25	127	33	8	31	34	9	26 R
HSK63AT	144299	1.HSK63AT25X13	25	127	33	13	36	34	9	26 R
HSK100AT	S02582	1.HSK100AT32/25	32/25	170	62.5	32.5	62.5	48.5	9	29 R

Innenkühlung (IK) auf Anfrage
inner coolant on request
Refroidissement interne sur demande
Refrigeración interna a petición



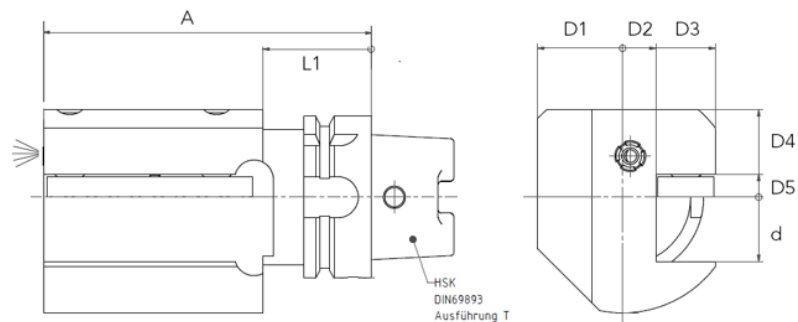
DREHALTER VIERKANT AXIAL LINKS

Turning Square Toolholder axial lefthand
Adaptateur à 0° pour outils prismatiques à gauche
Portaherramientas a 0° a la izquierda



ISO	ID	Code	d	A	D1	D2	D3	D4	D5	L1
HSK40AT	171166	4.HSK40AT20X5	20							
HSK40AT	219157	4.HSK40AT20X10	20							
HSK63AT	S00851	4.HSK63AT25X8	25	127	33	13	36	34	9	26 L
HSK100AT	S02567	4.HSK100AT32/25	32/25	170	62.5	32.5	62.5	48.5	9	29 L

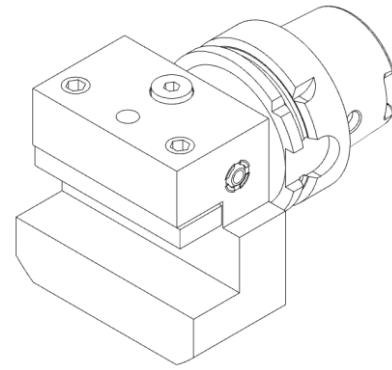
Innenkühlung (IK) auf Anfrage
inner coolant on request
Refroidissement interne sur demande
Refrigeración interna a petición



ISO12164-3 (DIN69893-3) **HSK-T**

DREHHALTER VIERKANT RADIAL

Turning Square Toolholder radial
Adaptateur à 90° pour outils prismatiques
Portaherramientas a 90°



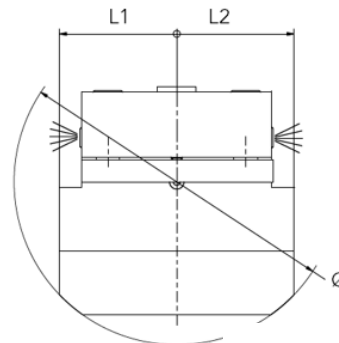
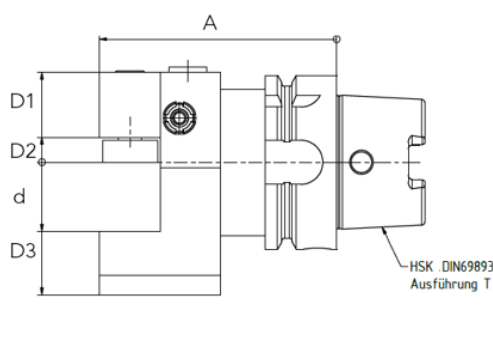
ISO	ID	Code	d	A	D1	D2	L1	L2	Ø
HSK63AT	182503	5.HSK40AT20	20						
HSK63AT	S00876	5.HSK63AT25	25	86	32.5	9	42.5	42.5	118

Innenkühlung (IK) auf Anfrage

inner coolant on request

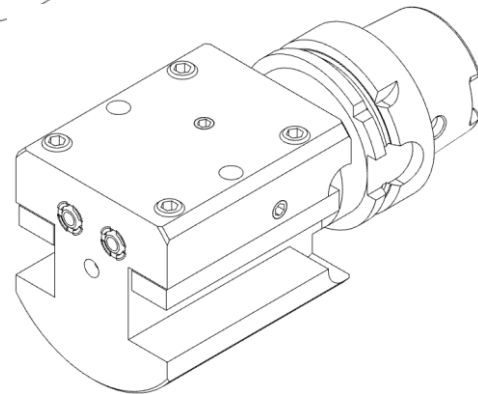
Refroidissement interne sur demande

Refrigeración interna a petición

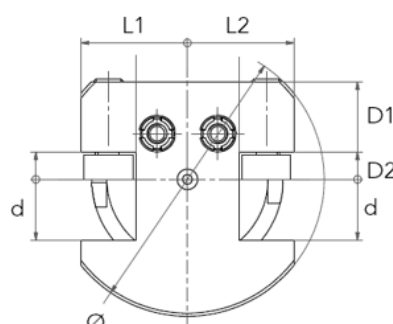
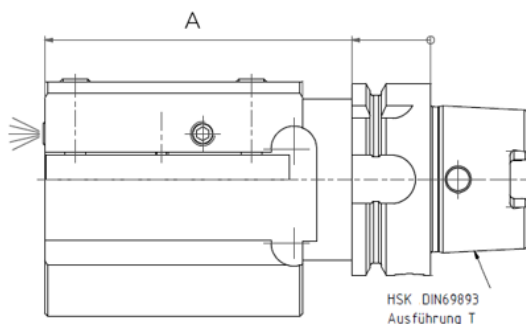


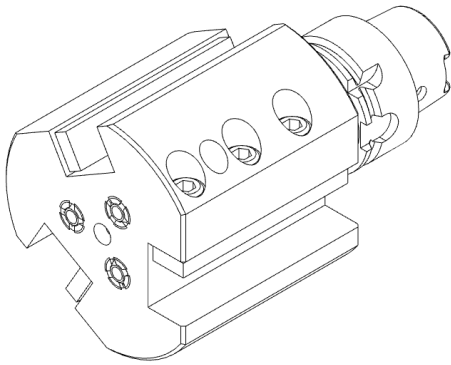
DOPPEL-DREHHALTER VIERKANT

Multipurpose Double Square Toolholder
Adaptateur à 0° double pour outils prismatiques
Portaherramientas doble a 0°



ISO	ID	Code	d	A	D1	D2	L1	L2	Ø
HSK40AT	198798	15.HSK40AT16-2FACH	16	105	25	6	32	32	78
HSK63AT	S03499	15.HSK63AT20-2FACH	20	127	32	9	35	35	90
HSK63AT	S01324	15.HSK63AT25-2FACH	25	127	34	9	39	39	100





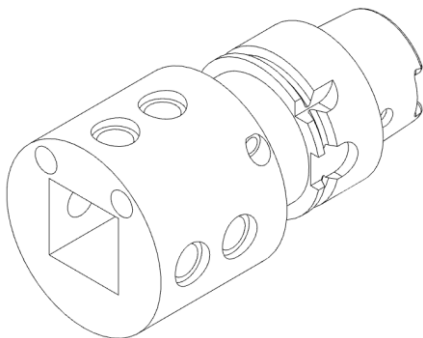
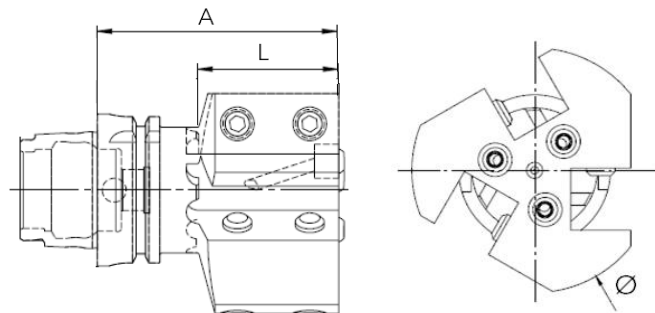
ISO12164-3 (DIN69893-3) **HSK-T**

MEHRFACH-DREHHALTER VIERKANT

Multipurpose Double Square Toolholder Triple
Adaptateur à 0° triple pour outils prismatiques
Portaherramientas triple a 0°



ISO	ID	Code	d	A	L	Ø
HSK40AT	192183	15.HSK40AT16-3FACH	16	105	85	78
HSK63AT	S03500	15.HSK63AT20-3FACH	20	127	85	90
HSK63AT	122556	15.HSK63AT25-3FACH	25	127	85	100
HSK100AT	W118156	15.HSK100AT25X25-3-FACH	25	125	80	122

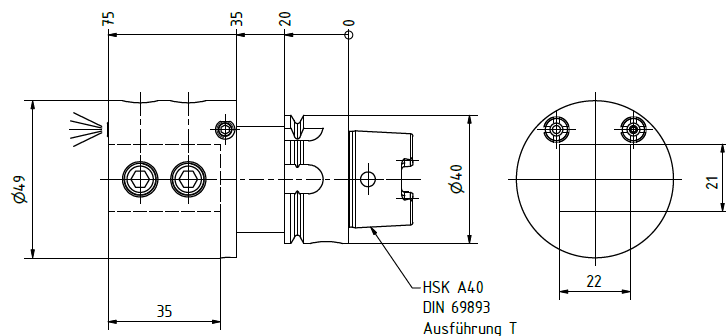


DREHHALTER VIERKANT AXIAL ZENTRAL

Turning Square Toolholder axial central
Adaptateur à 0° pour outils prismatiques à centre
Portaherramientas a 0° central



ISO	ID	Code	d	A	L	D
HSK40AT	206612	1.HSK40AT20L75	20	75	40	49



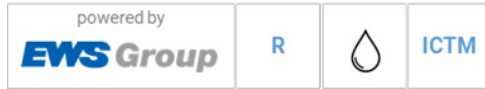
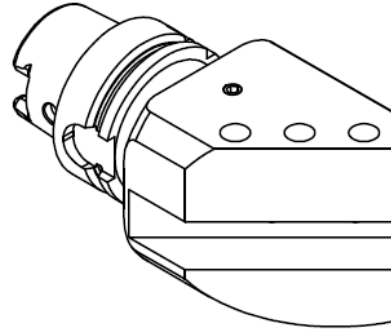
ISO12164-3 (DIN69893-3) **HSK-T**

DREHHALTER VIERKANT AXIAL LINKS 45°

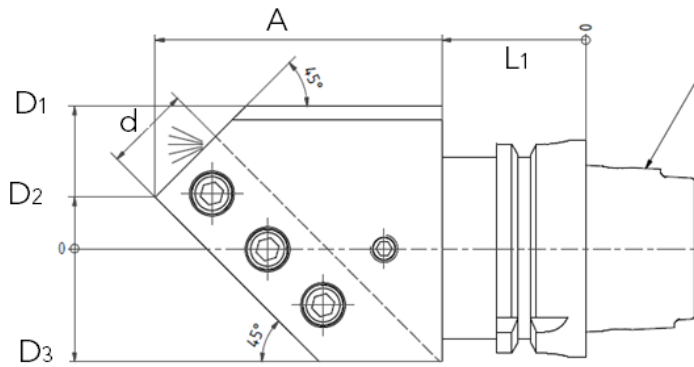
Turning Square Toolholder axial lefthand 45°

Adaptateur à 0° pour outils prismatiques à gauche 45°

Portaherramientas a 0° a la izquierda 45°

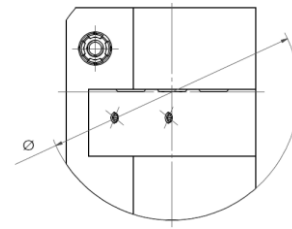


ISO	ID	Code	d	A	D1	D2	D3	L1	Ø
HSK63AT	167218	4.HSK63AT20-45°-L126	20	126	41	15	38	42	R 90
HSK63AT	S01883	4.HSK63AT25-45°-L126	25	126	41.5	15	33	42	R 100
HSK100AT	173484	4.HSK100AT25-45°	32	150	50	15	50	45	R 135
HSK100AT	202351	4.HSK100AT32-45°							



HSK DIN 69893
Ausführung T

Innenkühlung (IK) auf Anfrage
inner coolant on request
Refroidissement interne sur demande
Refrigeración interna a petición

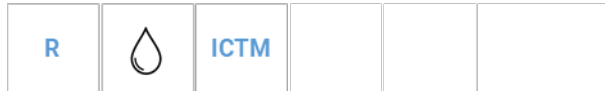


DREHHALTER VIERKANT AXIAL LINKS 45° - HSK40AT

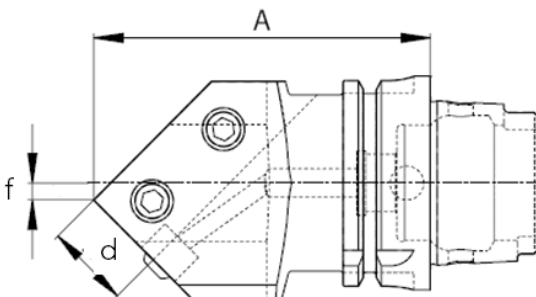
Turning Square Toolholder axial lefthand 45°

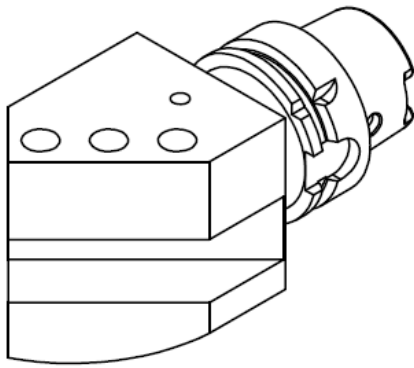
Adaptateur à 0° pour outils prismatiques à gauche 45°

Portaherramientas a 0° a la izquierda 45°



ISO	ID	Code	d	A	f	Ø
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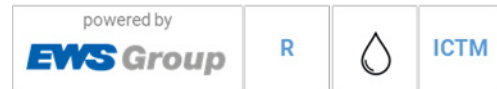




ISO12164-3 (DIN69893-3) **HSK-T**

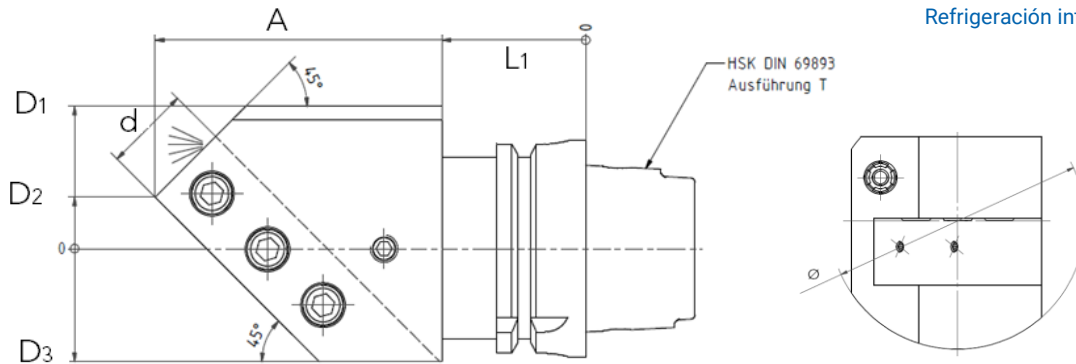
DREHALTER VIERKANT AXIAL RECHTS 45°

Turning Square Toolholder axial righthand 45°
Adaptateur à 0° pour outils prismatiques à droite 45°
Portaherramientas a 0° a la derecha 45°



ISO	ID	Code	d	A	D1	D2	D3	L1	Ø
HSK63AT	167219	1.HSK63AT20-45°-L126	20	126	41	15	38	42	R 90
HSK63AT	167217	1.HSK63AT25-45°-126	25	126	41.5	15	33	42	R 100
HSK100AT	173484	1.HSK100AT32-45°	32	150	50	15	50	45	R 135

Innenkühlung (IK) auf Anfrage
inner coolant on request
Refroidissement interne sur demande
Refrigeración interna a petición

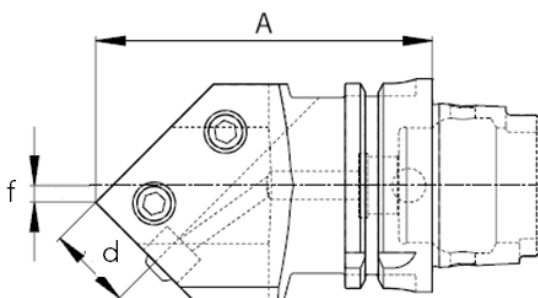


DREHALTER VIERKANT AXIAL RECHTS 45°

Turning Square Toolholder axial righthand 45°
Adaptateur à 0° pour outils prismatiques à droite 45°
Portaherramientas a 0° a la derecha 45°



ISO	ID	Code	d	A	f	Ø
HSK40AT	W116850	1.HSK40AT20L80V-45°	20	80	5	80



ISO BEZEICHNUNG DREHWERKZEUGE

ISO designation Toolholder
Désignation ISO Porte-outils
Designación ISO Portaherramientas

Pratze D | Dimple Lock
serrage Dimple Lock | Fijación Dimple Lock



Kniehebel | lever lock
serrage par levier | palanca de



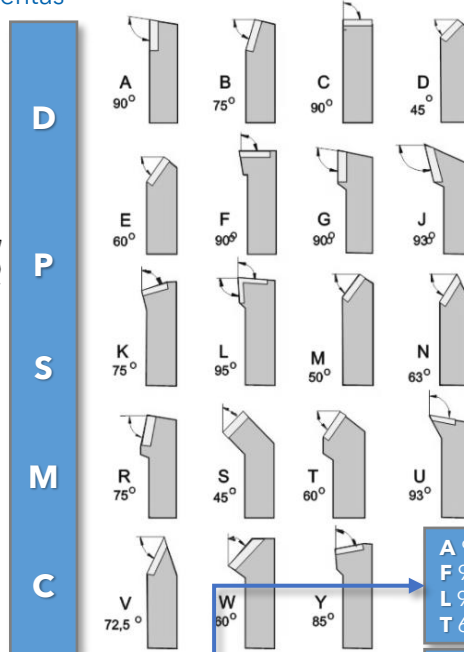
Schraube | screw clamping
vis de serrage | tornillo de sujeción



Doppelklemmung | double lock
Double serrage | doble fijación



Pratze C | Top clamp
serrage par bride | fijación con brida superior



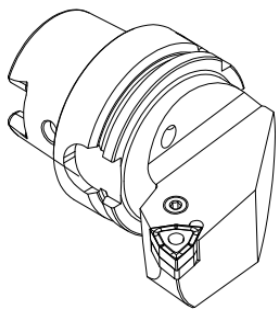
A 90° B 75° C 90° D 45° E 60°
F 90° G 90° H 107.5° J 93° K 75°
L 95° M 50° N 63° Q 117.5° R 75° S 45°
T 60° U 93° V 72.5° W 60° Y 85° X ...

R Rechts | righthand | à droite | a la derecha

N Gerade | straight | droit | recto

18.HSK63AT

Klemmung Clamping Serrage Sujeción	Plattenform Insert shape Forme des plaquettes forma de la placa	Anstellwinkel Angle of attack Angle de réglage Ángulo de ataque	Freiwinkel Clearance angle Angle de dépouille Ángulo de incidencia	Richtung Direction direction de coupe	Länge der Schneidplatte cutting edge length Longueur d'arête de coupe Longitud del filo de corte	Breite der Schneidplatte Insert thickness Épaisseur des plaquettes espesor de la placa	Funktionslänge Functional length Longueur fonctionnelle Longitud funcional
P	W	L	N	L	08	04	-L 70



W	N	..	08	04	..
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A 85°	M 86°	A 3°	F 25°	01 (1.59)
B 82°	O 80°	B 5°	G 30°	02 (2.38)
C 80°	P 75°	C 7°	N 0°	03 (3.18)
D 55°	R 75°	D 15°	P 11°	04 (4.76)
E 75°	S 35°	E 20°		05 (5.56)
H 55°	T 80°			06 (6.35)
K 55°	V 80°			07 (7.94)
L 80°	W 80°			09 (9.52)
				T1 (1.98)
				T2 (2.78)
				T3 (3.97)



ISO12164-3 (DIN69893-3) **HSK-T**
ÜBERSICHT DREHWERKZEUGE

 Overview Toolholder
 Aperçu du porte-outil
 Resumen Portaherramientas

4 | ISO12164-3 DIN69893-3 HSK-T

DE Aussendrehen | EN external turning | FR Tournage extérieur | ES Torneado exterior

4.10	SCLC	L/R	CC..	12 04 ..	◇	80°	7°	pos.
4.10	PCLN	L/R	CN..	12 04 ..	◇	80°	0°	neg.
4.10	PCLN	L/R	CN..	16 04 ..	◇	80°	0°	neg.
4.11	PWLN	L/R	WN..	08 04 ..	◆	80°	0°	neg.
4.11	SDHC	L/R	DC..	11 T3 ..	◇	55°	7°	pos.
4.12	SDUC	L/R	DC..	11 T3 ..	◇	55°	7°	pos.
4.12	PDUN	L/R	DN..	15 06 ..	◇	55°	0°	neg.
4.13	PDJN	L/R	DN..	15 06 ..	◇	55°	0°	neg.
4.13	SDJC	L/R	DC..	11 T3 ..	◇	55°	7°	pos.
4.14	SVUB	L/R	VB..	16 04 ..	◆	35°	5°	pos.
4.14	SVUC	L/R	VC..	16 04 ..	◆	35°	7°	pos.
4.15	SVJB	L/R	VB..	16 04 ..	◆	35°	5°	pos.
4.15	SVJC	L/R	VC..	16 04 ..	◆	35°	7°	pos.
4.16	DVJN	L/R	VN..	16 04 ..	◆	35°	0°	neg.
4.16	SVPB	L/R	VB..	16 04 ..	◆	35°	5°	pos.
4.16	SVPC	L/R	VC..	16 04 ..	◆	35°	7°	pos.
4.17	SCMC	N	CC..	12 04 ..	◇	80°	7°	pos.
4.17	PCMN	N	CN..	12 04 ..	◇	80°	0°	neg.
4.17	PCMN	N	CN..	16 04 ..	◇	80°	0°	neg.
4.18	SDNC	N	DC..	11 T3 ..	◇	55°	7°	pos.
4.18	PDNN	N	DN..	15 06 ..	◇	55°	0°	neg.
4.19	SVVB	N	VB..	16 04 ..	◆	35°	5°	pos.
4.19	SVVC	N	VC..	16 04 ..	◆	35°	7°	pos..
4.19	DVVN	N	VN..	16 04 ..	◆	35°	0°	neg.

DE Innendrehen | EN internal turning | FR Tournage interne | ES Torneado interior

4.20	SCLC	L/R	CC..	12 04 ..	◇	80°	7°	pos.
4.20	PCLN	L/R	CN..	12 04 ..	◇	80°	0°	neg.
4.21	SDQC	L/R	DC..	11 T3 ..	◇	55°	7°	pos.
4.21	PDQN	L/R	DN..	15 06..	◇	55°	0°	neg.

DE Wechselschneidköpfe | EN Cutting heads | FR Têtes de coupe | ES Cabezales modulares

4.23	SVPB		VB..	11 03 ..	◆	35°	7°	pos.
4.23	SVPB		VB..	16 04 ..	◆	35°	7°	pos.
4.23	SVUB		VB..	16 04 ..	◆	35°	7°	pos.
4.23	SVQB		VB..	11 03 ..	◆	35°	7°	pos.
4.23	SVQB		VB..	16 04 ..	◆	35°	7°	pos.
4.24	SDUC		DC..	11 T3 ..	◇	55°	7°	pos.
4.24	SDQC		DC..	11 T3 ..	◇	55°	7°	pos.
4.24	SCLC		CC..	12 04 ..	◇	80°	7°	pos.
4.25	PCLN		CN..	12 04 ..	◇	80°	0°	neg.
4.25	PDJN		DN..	11 04 ..	◇	55°	0°	neg.
4.26	PDQN		DN..	11 04 ..	◇	55°	0°	neg.
4.26	PWLN		WN ..	08 04 ..	◆	80°	0°	neg.

Nicht das richtige Drehwerkzeug gefunden?

Kontaktieren Sie uns - Wir sind für Sie da.

Vous n'avez pas trouvé le bon outil ?

contactez-nous - nous sommes à votre disposition.

Not found the right tool?

Get in touch - we are here for you..

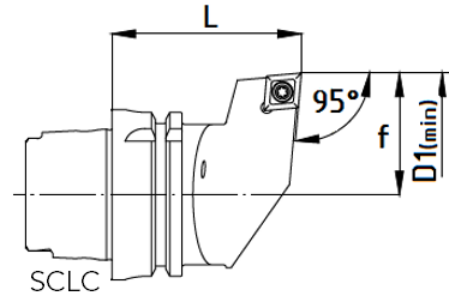
¿No ha encontrado la herramienta adecuada?

Póngase en contacto - estamos a su disposición.

ISO12164-3 (DIN69893-3) **HSK-T**

DREHWERKZEUG SCLC

Toolholder
Porte-outils
Portaherramientas



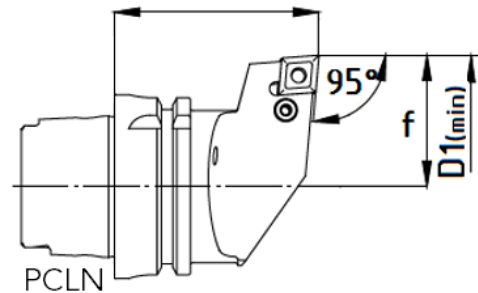
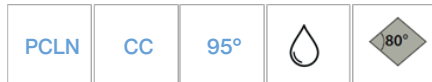
- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (80° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 80°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 80°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 80°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W117643	18.HSK40ATSCLCL1204-L55	27	50	95°	7° pos.	80° CC.. 12 04 ..	55 L
HSK40AT	W117644	18.HSK40ATSCLCR1204-L55	27	50	95°	7° pos.	80° CC.. 12 04 ..	55 R
HSK63AT	W114974	18.HSK63ATSCLCL1204-L70	45	80	95°	7° pos.	80° CC.. 12 04 ..	70 L
HSK63AT	W114884	18.HSK63ATSCLCR1204-L70	45	80	95°	7° pos.	80° CC.. 12 04 ..	70 R
HSK100AT	W115804	18.HSK100ATSCLCL1204-L100	63	120	95°	7° pos.	80° CC.. 12 04 ..	100 L
HSK100AT	W115805	18.HSK100ATSCLCR1204-L100	63	120	95°	7° pos.	80° CC.. 12 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

DREHWERKZEUG PCLN

Lever-lock toolholder
Porte-outils à levier
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen Wendeschneidplatte (Winkel 80°).
EN Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).
FR Porte-outil polyvalent équipé d'une plaquette rhombique négative double face.
ES Portaherramientas multifunción equipado con plaquitas rómbicas negativas de doble cara.

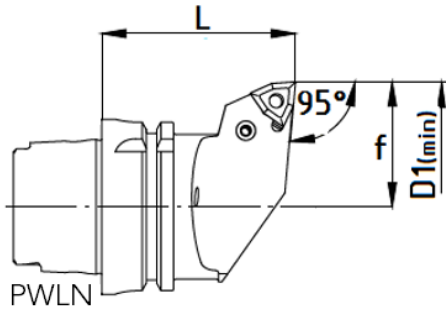
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATPCLNL1204-L55	27	50	95°	0° neg.	80° CN.. 12 04 ..	55 L
HSK40AT	W116707	18.HSK40ATPCLNR1204-L55	27	50	95°	0° neg.	80° CN.. 12 04 ..	55 R
HSK63AT	W114821	18.HSK63ATPCLNL1204-L70	45	80	95°	0° neg.	80° CN.. 12 04 ..	70 L
HSK63AT	W114778	18.HSK63ATPCLNR1204-L70	45	80	95°	0° neg.	80° CN.. 12 04 ..	70 R
HSK63AT	W117533	18.HSK63ATPCLNL1604-L70	45	80	95°	0° neg.	80° CN.. 16 04 ..	70 L
HSK63AT	W117534	18.HSK63ATPCLNR1604-L70	45	80	95°	0° neg.	80° CN.. 16 04 ..	70 R
HSK100AT	W114853	18.HSK100ATPCLNL1204-L100	63	120	95°	0° neg.	80° CC.. 12 04 ..	100 L
HSK100AT	W114852	18.HSK100ATPCLNR1204-L100	63	120	95°	0° neg.	80° CC.. 12 04 ..	100 R
HSK100AT		18.HSK100ATPCLNL1604-L100	63	120	95°	0° neg.	80° CC.. 16 04 ..	100 L
HSK100AT		18.HSK100ATPCLNR1604-L100	63	120	95°	0° neg.	80° CC.. 16 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

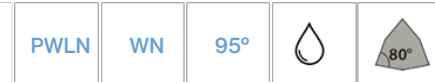
ISO12164-3 (DIN69893-3) HSK-T

DREHWERKZEUG PWLN

Toolholder
Porte-outils
Portaherramientas



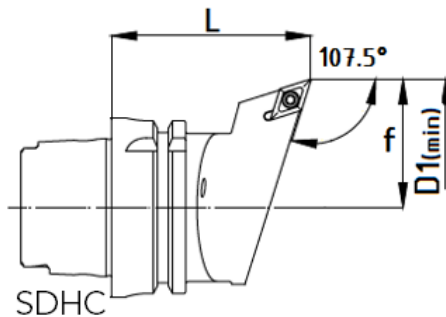
PWLN



- DE** Multifunktions-Klemmhalter mit einer sechseckigen negativen Wendeschneidplatte (55° Winkel).
EN Multipurpose toolholder with a hexagonal negative insert (55° angle).
FR Porte-outil polyvalent avec un insert hexagonal négatif (angle de 55°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas negativas (ángulo de 55°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	
HSK40AT	W118300	18.HSK40ATPWLN0804-L55	27	50	95°	0° neg.	80° WN.. 08 04 ..	55	L
HSK40AT	W118301	18.HSK40ATPWLN0804-L55	27	50	95°	0° neg.	80° WN.. 08 04 ..	55	R
HSK63AT	W115738	18.HSK63ATPWLN0804-L70	45	80	95°	0° neg.	80° WN.. 08 04 ..	70	L
HSK63AT	W115739	18.HSK63ATPWLN0804-L70	45	80	95°	0° neg.	80° WN.. 08 04 ..	70	R
HSK100AT		18.HSK100ATPWLN0804-L100	63	120	95°	0° neg.	80° WN.. 08 04 ..	100	L
HSK100AT		18.HSK100ATPWLN0804-L100	63	120	95°	0° neg.	80° WN.. 08 04 ..	100	R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha



SDHC

DREHWERKZEUG SDHC

Turning toolholder
Porte-outils à levier
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (55° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 55°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 55°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 55°).

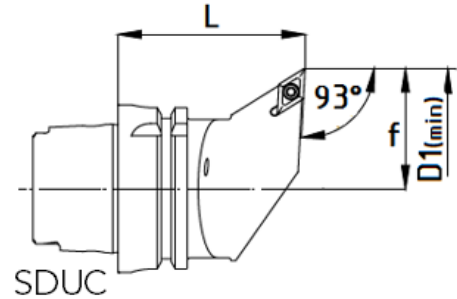
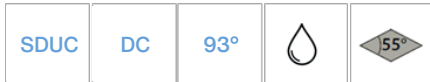
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	
HSK40AT	W115313	18.HSK40ATSDHCL11T3-L55	27	50	107.5°	7° pos.	55° DC.. 11 T3 ..	55	L
HSK40AT	W115312	18.HSK40ATSDHCR11T3-L55	27	50	107.5°	7° pos.	55° DC.. 11 T3 ..	55	R
HSK63AT	W114870	18.HSK63ATSDHCL11T3-L70	45	80	107.5°	7° pos.	55° DC.. 11 T3 ..	70	L
HSK63AT	W114869	18.HSK63ATSDHCR11T3-L70	45	80	107.5°	7° pos.	55° DC.. 11 T3 ..	70	R
HSK100AT		18.HSK100ATSDHCL11T3-L100	63	120	107.5°	7° pos.	55° DC.. 11 T3 ..	100	L
HSK100AT	W118170	18.HSK100ATSDHCR11T3-L100	63	120	107.5°	7° pos.	55° DC.. 11 T3 ..	100	R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

ISO12164-3 (DIN69893-3) HSK-T

DREHWERKZEUG SDUC

Toolholder
Porte-outils
Portaherramientas



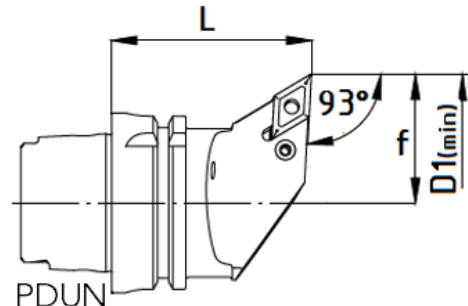
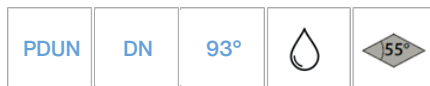
- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (55° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 55°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 55°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 55°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W118296	18.HSK40ATSDUCL11T3-L55	27	50	93°	7° pos.	55° DC.. 11 T3 ..	55 L
HSK40AT	W118297	18.HSK40ATSDUCR11T3-L55	27	50	93°	7° pos.	55° DC.. 11 T3 ..	55 R
HSK63AT	W114868	18.HSK63ATSDUCL11T3-L70	45	80	93°	7° pos.	55° DC.. 11 T3 ..	70 L
HSK63AT	W114867	18.HSK63ATSDUCR11T3-L70	45	80	93°	7° pos.	55° DC.. 11 T3 ..	70 R
HSK100AT		18.HSK100ATSDUCL11T3-L100	63	120	93°	7° pos.	55° DC.. 11 T3 ..	100 L
HSK100AT		18.HSK100ATSDUCR11T3-L100	63	120	93°	7° pos.	55° DC.. 11 T3 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

DREHWERKZEUG PDUN

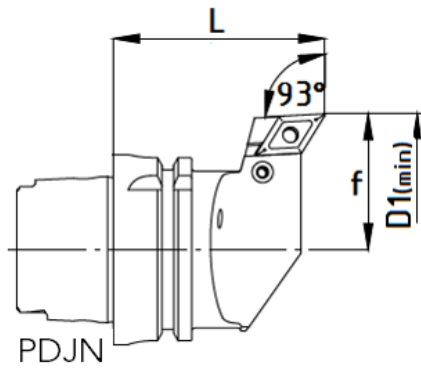
Turning toolholder
Porte-outils à levier
Portaherramientas



- DE** Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°).
EN Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°).
FR Porte-outil de tournage et de profilage équipé d'une plaquette rhombique négative à double face (angle 55°).
ES Portaherramientas de torneado y copiado equipado con plaquitas rómbicas negativas de doble cara (ángulo 55°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATPDUNL1506-L55	27	50	93°	0° neg.	55° DN.. 15 06 ..	55 L
HSK40AT		18.HSK40ATPDUNR1506-L55	27	50	93°	0° neg.	55° DN.. 15 06 ..	55 R
HSK63AT	W117539	18.HSK63ATPDUNL1104-L70	45	80	93°	0° neg.	55° DN.. 11 04 ..	70 L
HSK63AT	W117540	18.HSK63ATPDUNR1104-L70	45	80	93°	0° neg.	55° DN.. 11 04 ..	70 R
HSK63AT	W114868	18.HSK63ATPDUNL1506-L70	45	80	93°	0° neg.	55° DN.. 15 06 ..	70 L
HSK63AT	W117538	18.HSK63ATPDUNR1506-L70	45	80	93°	0° neg.	55° DN.. 15 06 ..	70 R
HSK100AT	W116776	18.HSK100ATPDUNL1506-L100	63	120	93°	0° neg.	55° DN.. 15 06 ..	100 L
HSK100AT	W117852	18.HSK100ATPDUNR1506-L100	63	120	93°	0° neg.	55° DN.. 15 06 ..	100 R

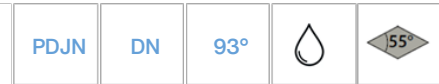
L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha



ISO12164-3 (DIN69893-3) HSK-T

DREHWERKZEUG PDJN

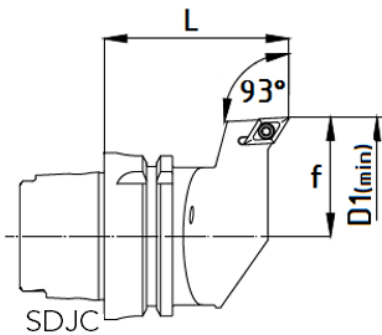
Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter zum Drehen und Kopierdrehen mit einer doppelseitigen rhombischen negativen Wendeschneiplatte (Winkel 55°).
EN Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°).
FR Porte-outil de tournage et de profilage équipé d'une plaquette rhombique négative à double face (angle 55°).
ES Portaherramientas de torneado y copiado equipado con plaquitas rómbicas negativas de doble cara (ángulo 55°).

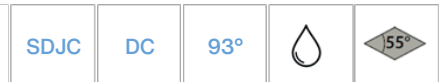
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	
HSK40AT		18.HSK40ATPDJNL1506-L55	27	-	93°	0° neg.	55° DN.. 15 06 ..	55	L
HSK40AT		18.HSK40ATPDJNR1506-L55	27	-	93°	0° neg.	55° DN.. 15 06 ..	55	R
HSK63AT	W115842	18.HSK63ATPDJNL1506-L70	45	-	93°	0° neg.	55° DN.. 11 04 ..	70	L
HSK63AT	W115843	18.HSK63ATPDJNR1506-L70	45	-	93°	0° neg.	55° DN.. 11 04 ..	70	R
HSK63AT	W114822	18.HSK63ATPDJNL1506-L70	45	-	93°	0° neg.	55° DN.. 15 06 ..	70	L
HSK63AT	W114823	18.HSK63ATPDJNR1506-L70	45	-	93°	0° neg.	55° DN.. 15 06 ..	70	R
HSK100AT	W114977	18.HSK100ATPDJNL1506-L100	63	-	93°	0° neg.	55° DN.. 15 06 ..	100	L
HSK100AT	W114978	18.HSK100ATPDJNR1506-L100	63	-	93°	0° neg.	55° DN.. 15 06 ..	100	R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha



DREHWERKZEUG SDJC

Toolholder
Porte-outils
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (55° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 55°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 55°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 55°).

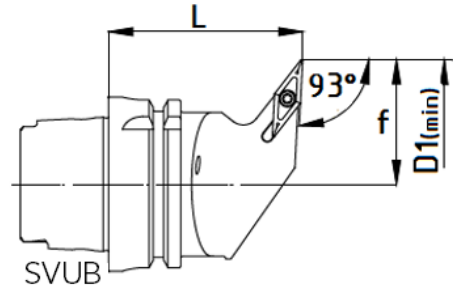
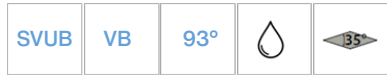
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	
HSK40AT	W118298	18.HSK40ATSDJCL11T3-L55	27	50	93°	7° pos.	55° DC.. 11 T3 ..	55	L
HSK40AT	W118299	18.HSK40ATSDJCR11T3-L55	27	50	93°	7° pos.	55° DC.. 11 T3 ..	55	R
HSK63AT	W114872	18.HSK63ATSDJCL11T3-L70	45	80	93°	7° pos.	55° DC.. 11 T3 ..	70	L
HSK63AT	W114871	18.HSK63ATSDJCR11T3-L70	45	80	93°	7° pos.	55° DC.. 11 T3 ..	70	R
HSK100AT		18.HSK100ATSDJCL11T3-L100	63	120	93°	7° pos.	55° DC.. 11 T3 ..	100	L
HSK100AT		18.HSK100ATSDJCR11T3-L100	63	120	93°	7° pos.	55° DC.. 11 T3 ..	100	R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

ISO12164-3 (DIN69893-3) **HSK-T**

DREHWERKZEUG SVUB

Toolholder
Porte-outils
Portaherramientas



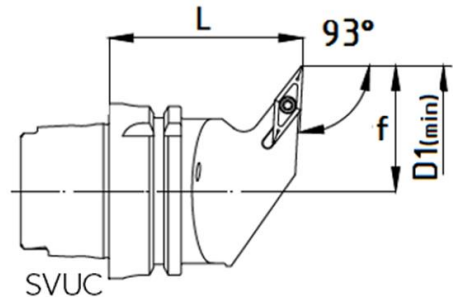
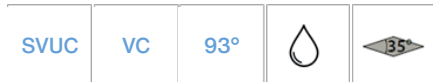
- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 35°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATSVUBL1604-L55	40	27	50	93°	5° pos. 35°	VB.. 16 04 .. 55 L
HSK40AT		18.HSK40ATSVUBR1604-L55	40	27	50	93°	5° pos. 35°	VB.. 16 04 .. 55 R
HSK63AT		18.HSK63ATSVUBL1604-L70	63	45	80	93°	5° pos. 35°	VB.. 16 04 .. 70 L
HSK63AT		18.HSK63ATSVUBR1604-L70	63	45	80	93°	5° pos. 35°	VB.. 16 04 .. 70 R
HSK100AT		18.HSK100ATSVUBL1604-L100	100	63	120	93°	5° pos. 35°	VB.. 16 04 .. 100 L
HSK100AT		18.HSK100ATSUBR1604-L100	100	63	120	93°	5° pos. 35°	VB.. 16 04 .. 100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

DREHWERKZEUG SVUC

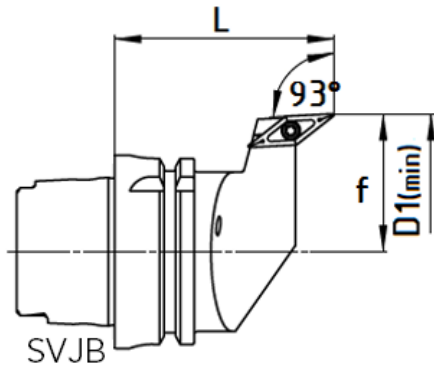
Toolholder
Porte-outils
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 35°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	
HSK40AT		18.HSK40ATSVUCL1604-L55	27	50	93°	7° pos.	55°	VC.. 16 04 ..	55 L
HSK40AT		18.HSK40ATSVUCR1604-L55	27	50	93°	7° pos.	55°	VC.. 16 04 ..	55 R
HSK63AT		18.HSK63ATSVUCL1604-L70	45	80	93°	7° pos.	55°	VC.. 16 04 ..	70 L
HSK63AT	W117531	18.HSK63ATSVUCR1604-L70	45	80	93°	7° pos.	55°	VC.. 16 04 ..	70 R
HSK100AT		18.HSK100ATSVUCL1604-L100	63	120	93°	7° pos.	55°	VC.. 16 04 ..	100 L
HSK100AT		18.HSK100ATSVUCR1604-L100	63	120	93°	7° pos.	55°	VC.. 16 04 ..	100 R

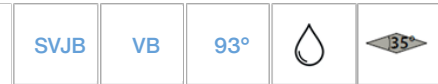
L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha



ISO12164-3 (DIN69893-3) **HSK-T**

DREHWERKZEUG SVJB

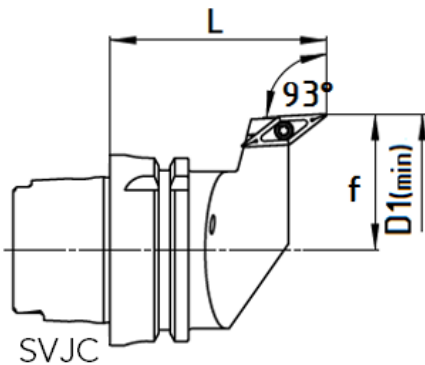
Toolholder
Porte-outils
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 35°).

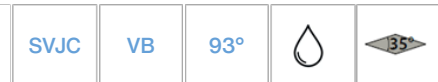
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATPSVJBL1103-L5	27	50	93°	5° pos.	35° VB.. 11 03 ..	55 L
HSK40AT		18.HSK40ATPSVJBL1103-L55	27	50	93°	5° pos.	35° VB.. 11 03 ..	55 R
HSK40AT		18.HSK40ATPSVJBL1604-L60	27	50	93°	5° pos.	35° VB.. 16 04 ..	60 L
HSK40AT		18.HSK40ATPSVJBR1604-L60	27	50	93°	5° pos.	35° VB.. 16 04 ..	60 R
HSK63AT	W114820	18.HSK63ATPSVJBL1604-L71.5	45	80	93°	5° pos.	35° VB.. 16 04 ..	71.5 L
HSK63AT	W114819	18.HSK63ATPSVJBR1604-L71.5	45	80	93°	5° pos.	35° VB.. 16 04 ..	71.5 R
HSK100AT	W116777	18.HSK100ATPSVJBL1604-L100	63	120	93°	5° pos.	35° VB.. 16 04 ..	100 L
HSK100AT	W118160	18.HSK100ATPSVJBR1604-L100	63	120	93°	5° pos.	35° VB.. 16 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha



DREHWERKZEUG SVJC

Toolholder
Porte-outils
Portaherramientas



- DE** Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 35°).

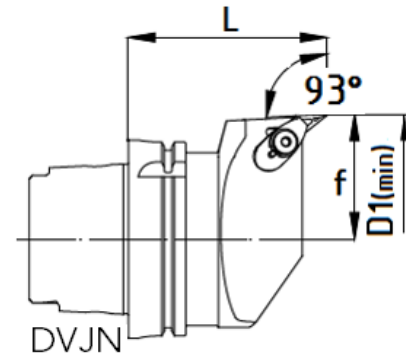
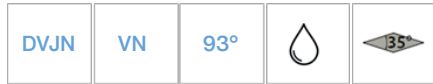
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATPSVJCL11T3-L5	27	50	93°	5° pos.	35° VC.. 11 T3 ..	55 L
HSK40AT		18.HSK40ATPSVJCL11T3-L55	27	50	93°	5° pos.	35° VC.. 11 T3 ..	55 R
HSK40AT		18.HSK40ATPSVJCL1604-L60	27	50	93°	7° pos.	35° VC.. 16 04 ..	60 L
HSK40AT		18.HSK40ATPSVJCR1604-L60	27	50	93°	7° pos.	35° VC.. 16 04 ..	60 R
HSK63AT		18.HSK63ATPSVJCL1604-L71.5	45	80	93°	7° pos.	35° VC.. 16 04 ..	71.5 L
HSK63AT	W118160	18.HSK63ATPSVJCR1604-L71.5	45	80	93°	7° pos.	35° VC.. 16 04 ..	71.5 R
HSK100AT	W116777	18.HSK100ATPSVJCL1604-L100	63	120	93°	7° pos.	35° VC.. 16 04 ..	100 L
HSK100AT		18.HSK100ATPSVJCR1604-L100	63	120	93°	7° pos.	35° VC.. 16 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

ISO12164-3 (DIN69893-3) HSK-T

DREHWERKZEUG DVJN

Toolholder
Porte-outils
Portaherramientas



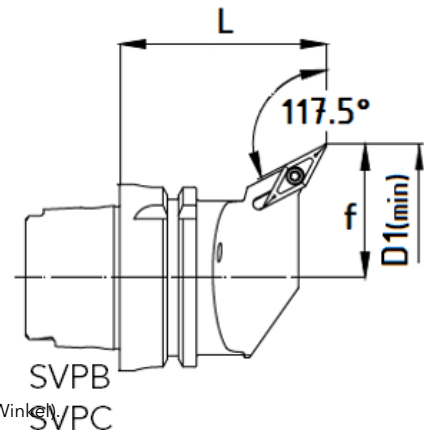
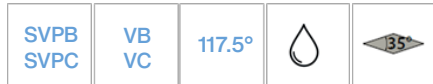
DE Klemmhalter für sehr spezifische Anwendungen mit einer rhombischen negativen Wendeschneidplatte (Winkel 35°).
EN Toolholder for very specific applications with a rhombic negative insert (angle 35°).
FR Porte-outils pour applications très spécifiques avec une plaquette négative rhombique (angle 35°).
ES Portaherramientas para aplicaciones muy específicas con plaquita rómbica negativa (ángulo 35°).

ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK63AT	W114883	18.HSK63ATDVJNL1604-L70	45	-	93°	0° neg.	35° VN.. 16 04 ..	70 L
HSK63AT	W114882	18.HSK63ATDVJNR1604-L70	45	-	93°	0° neg.	35° VN.. 16 04 ..	70 R
HSK100AT	W116778	18.HSK100ATDVJNL1604-L100	63	-	93°	0° neg.	35° VN.. 16 04 ..	100 L
HSK100AT		18.HSK100ATDVJNR1604-L100	63	-	93°	0° neg.	35° VN.. 16 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

DREHWERKZEUG SVPB | SVPC

Toolholder
Porte-outils
Portaherramientas



DE Multifunktions-Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Multipurpose toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil polyvalent équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas multifunción equipado con plaquitas rómbicas positivas (ángulo 35°).

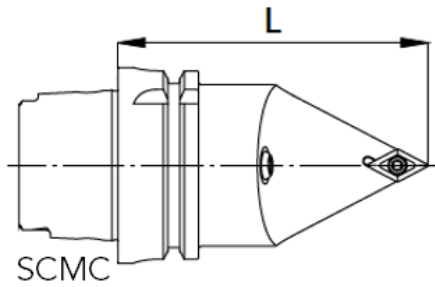
ISO	ID	Text	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATPSVPBL1604-L55	27	50	117.5°	5° pos.	35° VB.. 16 04 ..	55 L
HSK40AT		18.HSK40ATPSVPBR1604-L55	27	50	117.5°	5° pos.	35° VB.. 16 04 ..	55 R
HSK40AT		18.HSK40ATPSVPCL1604-L55	27	50	117.5°	7° pos.	35° VC.. 16 04 ..	55 L
HSK40AT		18.HSK40ATPSVPCR1604-L55	27	50	117.5°	7° pos.	35° VC.. 16 04 ..	55 R
HSK63AT	W114825	18.HSK63ATPSVPBL1604-L70	45	80	117.5°	5° pos.	35° VB.. 16 04 ..	70 L
HSK63AT	W114824	18.HSK63ATPSVPBR1604-L70	45	80	117.5°	5° pos.	35° VB.. 16 04 ..	70 R
HSK63AT		18.HSK63ATPSVPCL1604-L70	45	80	117.5°	7° pos.	35° VC.. 16 04 ..	70 L
HSK63AT		18.HSK63ATPSVPCR1604-L70	45	80	117.5°	7° pos.	35° VC.. 16 04 ..	70 R
HSK100AT		18.HSK100ATPSVPBL1604-L100	63	120	117.5°	5° pos.	35° VB.. 16 04 ..	100 L
HSK100AT		18.HSK100ATPSVPBR1604-L100	63	120	117.5°	5° pos.	35° VB.. 16 04 ..	100 R
HSK100AT	W114859	18.HSK100ATPSVPCL1604-L100	63	120	117.5°	7° pos.	35° VC.. 16 04 ..	100 L
HSK100AT	W114858	18.HSK100ATPSVPCR1604-L100	63	120	117.5°	7° pos.	35° VC.. 16 04 ..	100 R

L: links / lefthand / a gauche / a la izquierda - R: rechts / righthand / a droite / a la derecha

ISO12164-3 (DIN69893-3) **HSK-T**

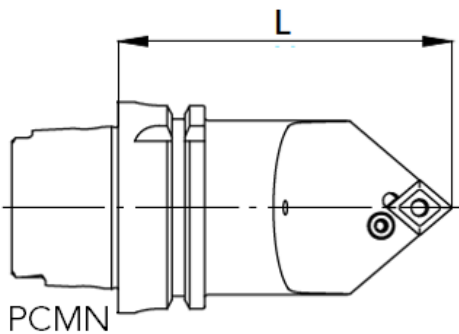
DREHWERKZEUG SCMC

Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (80° Winkel).
EN Toolholder equipped with rhombic positive insert (angle 80°).
FR Porte-outil équipé d'une plaquette positive rhombique (angle 80°).
ES Portaherramientas equipado con plaquita rómbica positiva (ángulo 80°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W114220	18.HSK40ATSCMCN1204-L80	7° pos.	80°	CC.. 12 04 ..	80
HSK63AT	W114866	18.HSK63ATSCMCN1204-L100	7° pos.	80°	CC.. 12 04 ..	100
HSK63AT		18.HSK63ATSCMCN1204-L130	7° pos.	80°	CC.. 12 04 ..	130
HSK100AT	W115803	18.HSK100ATSCMCN1204-L125	7° pos.	80°	CC.. 12 04 ..	125



DREHWERKZEUG PCMN

Toolholder
Porte-outils
Soporte de torneado



- DE** Klemmhalter mit einer rhombischen negativen Wendeschneidplatte (55° Winkel).
EN Toolholder equipped with rhombic negative insert (angle 55°).
FR Porte-outil équipé d'une plaquette négative rhombique (angle 55°).
ES Portaherramientas equipado con plaquita rómbica negativo (ángulo 55°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W115217	18.HSK40ATPCMNN1204-L80	0° neg.	55°	CN.. 12 04 ..	80
HSK63AT	W114269	18.HSK63ATPCMNN1204-L100	0° neg.	55°	CN.. 12 04 ..	100
HSK63AT	W114270	18.HSK63ATPCMNN1204-L130	0° neg.	55°	CN.. 12 04 ..	130
HSK63AT	W117546	18.HSK63ATPCMNN1604-L100	0° neg.	55°	CN.. 16 06 ..	100
HSK63AT	W117545	18.HSK63ATPCMNN1604-L130	0° neg.	55°	CN.. 16 06 ..	130
HSK100AT	W114510	18.HSK100ATPCMNN1204-L125	0° neg.	55°	CN.. 12 04 ..	125
HSK100AT	W118173	18.HSK100ATPCMNN1604-L125	0° neg.	55°	CN.. 16 06 ..	125

ISO12164-3 (DIN69893-3) **HSK-T**

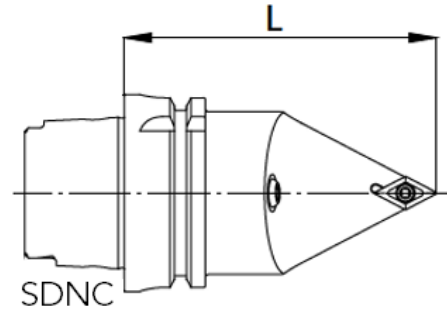
DREHWERKZEUG SDNC

Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (55° Winkel).
EN Toolholder equipped with rhombic positive insert (angle 55°).
FR Porte-outil équipé d'une plaquette positive rhombique (angle 55°).
ES Portaherramientas equipado con plaquita rómbica positiva (ángulo 55°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W116656	18.HSK40ATSDNCN11T3-L80	7° pos.	55°	DC.. 11 T3 ..	80
HSK63AT	W114788	18.HSK63ATSDNCN11T3-L100	7° pos.	55°	DC.. 11 T3 ..	100
HSK63AT	W114775	18.HSK63ATSDNCN11T3-L130	7° pos.	55°	DC.. 11 T3 ..	130
HSK100AT		18.HSK100ATSDNCN11T3-L125	7° pos.	55°	DC.. 11 T3 ..	125



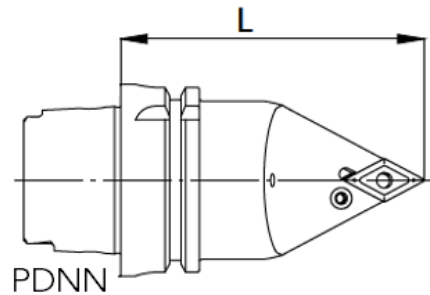
DREHWERKZEUG PDNN

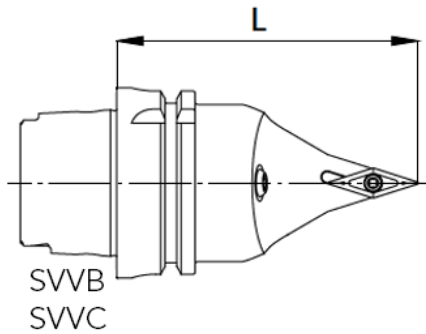
Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter mit einer rhombischen negativen Wendeschneidplatte (55° Winkel).
EN Toolholder equipped with rhombic negative insert (angle 55°).
FR Porte-outil équipé d'une plaquette négative rhombique (angle 55°).
ES Portaherramientas equipado con plaquita rómbica negativo (ángulo 55°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W115216	18.HSK40ATPDNNN1506-L80	0° neg.	55°	DN.. 15 06 ..	80
HSK63AT	W114527	18.HSK63ATPDNNN1506-L100	0° neg.	55°	DN.. 15 06 ..	100
HSK63AT	W115638	18.HSK63ATPDNNN1506-L130	0° neg.	55°	DN.. 15 06 ..	130
HSK100AT	W114509	18.HSK100ATPDNNN1506-L125	0° neg.	55°	DN.. 15 06 ..	125





ISO12164-3 (DIN69893-3) **HSK-T**

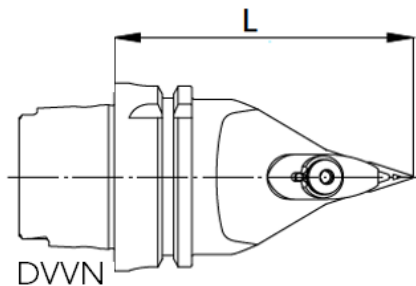
DREHWERKZEUG SVVB | SVVC

Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter mit einer rhombischen positiven Wendeschneidplatte (35° Winkel).
EN Toolholder equipped with rhombic positive insert (angle 35°).
FR Porte-outil équipé d'une plaquette positive rhombique (angle 35°).
ES Portaherramientas equipado con plaquita rómbica positiva (ángulo 35°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT	W114842	18.HSK40ATSVVBN1604-L80	5° pos.	35°	VB.. 16 04 ..	80
HSK40AT	W115424	18.HSK40ATSVVCN1604-L80	7° pos.	35°	VC.. 16 04 ..	80
HSK63AT	W114528	18.HSK63ATSVVBN1604-L100	5° pos.	35°	VB.. 16 04 ..	100
HSK63AT	W114267	18.HSK63ATSVVCN1604-L100	7° pos.	35°	VC.. 16 04 ..	100
HSK63AT	W115223	18.HSK63ATSVVBN1604-L130	5° pos.	35°	VB.. 16 04 ..	130
HSK63AT	W114268	18.HSK63ATSVVCN1604-L130	7° pos.	35°	VC.. 16 04 ..	130
HSK100AT	W117359	18.HSK100ATSVVBN1604-L125	5° pos.	35°	VB.. 16 04 ..	125
HSK100AT	W116775	18.HSK100ATSVVCN1604-L125	7° pos.	35°	VC.. 16 04 ..	125



DREHWERKZEUG DVVN

Toolholder
Porte-outils
Portaherramientas



- DE** Klemmhalter mit einer rhombischen negativen Wendeschneidplatte (35° Winkel).
EN Toolholder equipped with rhombic negative insert (angle 35°).
FR Porte-outil équipé d'une plaquette négative rhombique (angle 35°).
ES Portaherramientas equipado con plaquita rómbica negativo (ángulo 35°).

ISO	ID	Text	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A
HSK40AT		18.HSK40ATDVVNN1604-L80	0° neg.	35°	VN.. 16 04 ..	80
HSK63AT	W114779	18.HSK63ATDVVNN1604-L100	0° neg.	35°	VN.. 16 04 ..	100
HSK63AT	W117547	18.HSK63ATDVVNN1604-L100	0° neg.	35°	VN.. 16 04 ..	130
HSK100AT		18.HSK100ATDVVNN1604-L125	0° neg.	35°	VN.. 16 04 ..	125

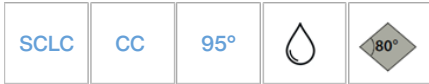
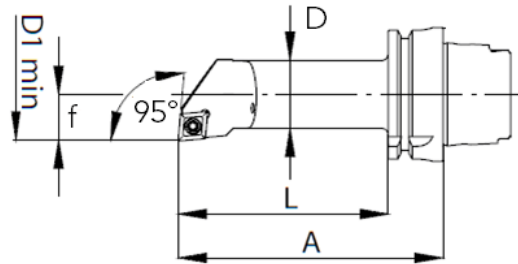
ISO12164-3 (DIN69893-3) **HSK-T**

HSK Bohrstange Innenbearbeitung SCLC

HSK Boring Bar for Internal turning

Barre d'alésage HSK pour le tournage intérieur

HSK Barra de mandrinar para Torneado interior



DE Multifunktions-Bohrstange mit einer rhombischen positiven Wendeschneidplatte (80° Winkel).

EN Multipurpose boring bar equipped with rhombic positive insert (angle 80°).

FR Barre d'alésage polyvalente équipée d'un insert positif rhombique (angle 80°).

ES Barra de mandrinar multifunción equipada con plaquita rómbica positivas (ángulo 80°).

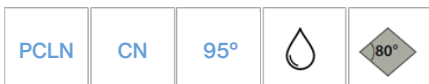
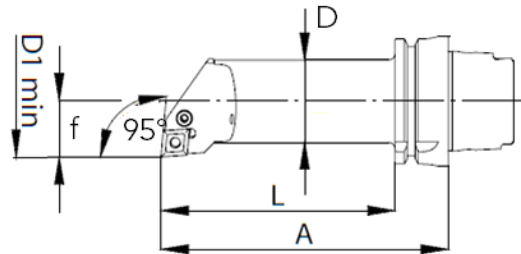
ISO	ID	Text	D	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	L
HSK40AT		20.HSK40ATSCLCL1204-L110X25	25	17	32	7°	80°	CC.. 12 04 ..	110 90	L
HSK40AT		20.HSK40ATSCLCR1204-L110X25	25	17	32	7°	80°	CC.. 12 04 ..	110 90	R
HSK40AT		20.HSK40ATSCLCL1204-L140X25	25	17	32	7°	80°	CC.. 12 04 ..	140 120	L
HSK40AT		20.HSK40ATSCLCR1204-L140X25	25	17	32	7°	80°	CC.. 12 04 ..	140 120	R
HSK63AT	W114532	20.HSK63ATSCLCL1204-L125X32	32	22	40	7°	80°	CC.. 12 04 ..	125 99	L
HSK63AT		20.HSK63ATSCLCR1204-L125X32	32	22	40	7°	80°	CC.. 12 04 ..	125 99	R
HSK63AT		20.HSK63ATSCLCL1204-L160X32	32	22	40	7°	80°	CC.. 12 04 ..	160 134	L
HSK63AT		20.HSK63ATSCLCR1204-L160X32	32	22	40	7°	80°	CC.. 12 04 ..	160 134	R
HSK63AT	W114533	20.HSK63ATSCLCL1204-L140X40	40	27	50	7°	80°	CC.. 12 04 ..	140 114	L
HSK63AT	W114534	20.HSK63ATSCLCR1204-L140X40	40	27	50	7°	80°	CC.. 12 04 ..	140 114	R
HSK63AT		20.HSK63ATSCLCL1204-L180X40	40	27	50	7°	80°	CC.. 12 04 ..	180 154	L
HSK63AT	W115986	20.HSK63ATSCLCR1204-L180X40	40	27	50	7°	80°	CC.. 12 04 ..	180 154	R

HSK Bohrstange Innenbearbeitung PCLN

HSK Boring Bar for Internal turning

Barre d'alésage HSK pour le tournage intérieur

HSK Barra de mandrinar para Torneado interior



DE Multifunktions-Bohrstange mit einer rhombischen negativen Wendeschneidplatte (80° Winkel).

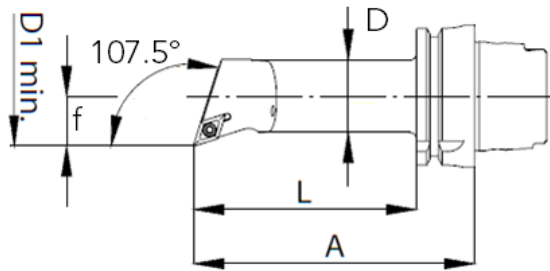
EN Multipurpose boring bar equipped with rhombic negative insert (angle 80°).

FR Barre d'alésage polyvalente équipée d'un insert négative rhombique (angle 80°).

ES Barra de mandrinar multifunción equipada con plaquita rómbica negativas (ángulo 80°).

ISO	ID	Text	D	F	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	L
HSK63AT	W115224	20.HSK63ATPCLNL1204-L140X40	40	27	50	0°	80°	CN.. 12 04 ..	140 114	L
HSK63AT	W116060	20.HSK63ATPCLNR1204-L140X40	40	27	50	0°	80°	CN.. 12 04 ..	140 114	R
HSK63AT	W115224	20.HSK63ATPCLNL1204-L180X40	40	27	50	0°	80°	CN.. 12 04 ..	180 154	L
HSK63AT	W116060	20.HSK63ATPCLNR1204-L180X40	40	27	50	0°	80°	CN.. 12 04 ..	180 154	R
HSK100AT	W114988	20.HSK100ATPCLNL1204-L150X40	40	27	50	0°	80°	CN.. 12 04 ..	150 114	L
HSK100AT	W114987	20.HSK100ATPCLNR1204-L150X40	40	27	50	0°	80°	CN.. 12 04 ..	150 114	R
HSK100AT		20.HSK100ATPCLNL1204-L200X40	40	27	50	0°	80°	CN.. 12 04 ..	200 154	L
HSK100AT		20.HSK100ATPCLNR1204-L200X40	40	27	50	0°	80°	CN.. 12 04 ..	200 154	R
HSK100AT	W114989	20.HSK100ATPCLNL1204-L150X50	50	35	63	0°	80°	CN.. 12 04 ..	150 121	L
HSK100AT	W114990	20.HSK100ATPCLNR1204-L150X50	50	35	63	0°	80°	CN.. 12 04 ..	150 121	R
HSK100AT		20.HSK100ATPCLNL1204-L200X50	50	35	63	0°	80°	CN.. 12 04 ..	200 171	L
HSK100AT		20.HSK100ATPCLNR1204-L200X50	50	35	63	0°	80°	CN.. 12 04 ..	200 171	R

ISO12164-3 (DIN69893-3) **HSK-T**



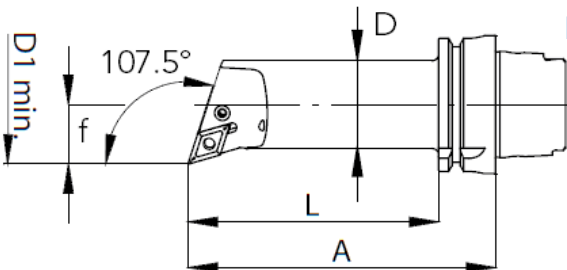
HSK Bohrstange Innenbearbeitung SDQC

HSK Boring Bar for Internal turning
Barre d'alésage HSK pour le tournage intérieur
HSK Barra de mandrinar para Tornado interior

SDQC	DC	107.5°		
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- DE** Multifunktions-Bohrstange mit einer rhombischen positiven Wendeschneidplatte (55° Winkel).
EN Multipurpose boring bar equipped with rhombic positive insert (angle 55°).
FR Barre d'alésage polyvalente équipée d'un insert positif rhombique (angle 55°).
ES Barra de mandrinar multifunción equipada con plaquita rómbica positivas (ángulo 55°).

ISO	ID	Text	D	f	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	L
HSK40AT	W118302	20.HSK40ATSDQCL11T3-L110X25	25	17	32	7°	55°	DC.. 11 T3..	110	90
HSK40AT	W118305	20.HSK40ATSDQCR11T3-L110X25	25	17	32	7°	55°	DC.. 11 T3..	110	90
HSK40AT	W118303	20.HSK40ATSDQCL11T3-L140X25	25	17	32	7°	55°	DC.. 11 T3..	140	120
HSK40AT	W118304	20.HSK40ATSDQCR11T3-L140X25	25	17	32	7°	55°	DC.. 11 T3..	140	120
HSK63AT	W116633	20.HSK63ATSDQCL11T3-L125X32	32	22	40	7°	55°	DC.. 11 T3..	125	99
HSK63AT		20.HSK63ATSDQCR11T3-L125X32	32	22	40	7°	55°	DC.. 11 T3..	125	99
HSK63AT		20.HSK63ATSDQCL11T3-L160X32	32	22	40	7°	55°	DC.. 11 T3..	160	134
HSK63AT		20.HSK63ATSDQCR11T3-L160X32	32	22	40	7°	55°	DC.. 11 T3..	160	134
HSK63AT		20.HSK63ATSDQCL11T3-L140X40	40	27	50	7°	55°	DC.. 11 T3..	140	114
HSK63AT		20.HSK63ATSDQCR11T3-L140X40	40	27	50	7°	55°	DC.. 11 T3..	140	114
HSK63AT		20.HSK63ATSDQCL11T3-L180X40	40	27	50	7°	55°	DC.. 11 T3..	180	154
HSK63AT		20.HSK63ATSDQCR11T3-L180X40	40	27	50	7°	55°	DC.. 11 T3..	180	154



HSK Bohrstange Innenbearbeitung PDQN

HSK Boring Bar for Internal turning
Barre d'alésage HSK pour le tournage intérieur
HSK Barra de mandrinar para Tornado interior

PDQN	DN	107.5°		
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- DE** Multifunktions-Bohrstange mit einer rhombischen negativen Wendeschneidplatte (55° Winkel).
EN Multipurpose boring bar equipped with rhombic negative insert (angle 55°).
FR Barre d'alésage polyvalente équipée d'un insert négatif rhombique (angle 55°).
ES Barra de mandrinar multifunción equipada con plaquita rómbica negativas (ángulo 55°).

ISO	ID	Text	D	F	D1 min	Freiwinkel Clearance	Platte Insert	Schneidplatte Insert	A	L
HSK63AT		20.HSK63ATPDQNL1506-L140X40	40	27	50	0°	55	DN.. 15 06..	140	114
HSK63AT		20.HSK63ATPDQNR1506-L140X40	40	27	50	0°	55	DN.. 15 06..	140	114
HSK63AT		20.HSK63ATPDQNL1506-L180X40	40	27	50	0°	55	DN.. 15 06..	180	154
HSK63AT		20.HSK63ATPDQNR1506-L180X40	40	27	50	0°	55	DN.. 15 06..	180	154
HSK100AT		20.HSK100ATPDQNL1506-L150X40	40	27	50	0°	55	DN.. 15 06..	150	114
HSK100AT		20.HSK100ATPDQNR1506-L150X40	40	27	50	0°	55	DN.. 15 06..	150	114
HSK100AT		20.HSK100ATPDQNL1506-L200X40	40	27	50	0°	55	DN.. 15 06..	200	154
HSK100AT		20.HSK100ATPDQNR1506-L200X40	40	27	50	0°	55	DN.. 15 06..	200	154
HSK100AT		20.HSK100ATPDQNL1506-L150X50	50	35	63	0°	55	DN.. 15 06..	150	121
HSK100AT		20.HSK100ATPDQNR1506-L150X50	50	35	63	0°	55	DN.. 15 06..	150	121
HSK100AT		20.HSK100ATPDQNL1506-L200X50	50	35	63	0°	55	DN.. 15 06..	200	171
HSK100AT		20.HSK100ATPDQNR1506-L200X50	50	35	63	0°	55	DN.. 15 06..	200	171

ISO12164-3 (DIN69893-3) **HSK-T**

Bohrstangenschäfte für Wechselschneidköpfe

Boring Bars for exchangeable cutting heads
Barres d'alésage pour têtes de coupe interchangeables
Barras de mandrinar para cabezales de corte intercambiables



CH					
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ISO	ID	Text	D	A	L1
HSK40AT	W116980	19.HSK40AT25L90CH	25	90	35
HSK40AT	W116981	19.HSK40AT25L110CH	25	110	55
HSK40AT	W116982	19.HSK40AT32L115CH	32	115	60
HSK40AT	W116983	19.HSK40AT40L120CH	40	120	-
HSK63AT	W116984	19.HSK63AT25L105CH	25	105	44
HSK63AT	W116985	19.HSK63AT32L125CH	32	125	64
HSK63AT	W116986	19.HSK63AT32L160CH	32	160	99
HSK63AT	W116987	19.HSK63AT40L140CH	40	140	74
HSK63AT	W116988	19.HSK63AT40L180CH	40	180	114
HSK100AT		19.HSK100AT40L180CH	40	180	111

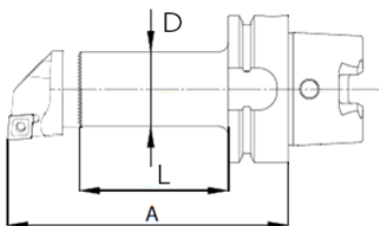
Bohrstangenschäfte für Wechselschneidköpfe schwingungsgedämpft

Boring Bars for exchangeable cutting heads antivibration
Barres d'alésage pour têtes de coupe interchangeables antivibration
Barras de mandrinar para cabezales de corte intercambiables antivibración

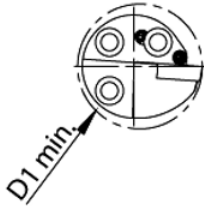


A				
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ISO	ID	Text	D	A	L1
HSK63AT	W116990	19.HSK63AT25L150CH-SG	25	150	89
HSK63AT	W116991	19.HSK63AT32L185CH-SG	32	185	124
HSK63AT	W116992	19.HSK63AT40L225CH-SG	40	225	159



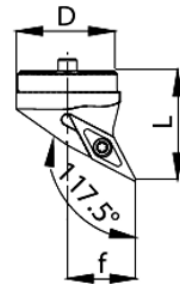
Wechselschneidköpfe für Wendepplatten mit positiver Grundform



Exchangeable cutting heads for positive inserts
Têtes de coupe interchangeables pour les plaquettes positives
Cabezales modulares para plaquitas positivas

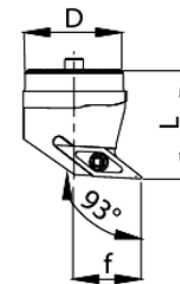
SVPB	VB	107.5°		
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ID	Text	D	D1 min	f	Insert	Insert
W116543	18.CH25SVPBL1103-L35	25	32	117.5°	5° pos. 17	35° VB.. 11 03 .. L
W116544	18.CH25SVPBR1103-L35	25	32	117.5°	5° pos 17	35° VB.. 11 03 .. R
W116545	18.CH32SVPBR1604-L35	32	40	117.5°	5° pos 22	35° VB.. 16 04 .. L
W116546	18.CH32SVPBL1604-L35	32	40	117.5°	5° pos 22	35° VB.. 16 04 .. R
W116547	18.CH40SVPBL1604-L40	40	50	117.5°	5° pos 27	35° VB.. 16 04 .. L
W116548	18.CH40SVPBR1604-L40	40	50	117.5°	5° pos 27	35° VB.. 16 04 .. R



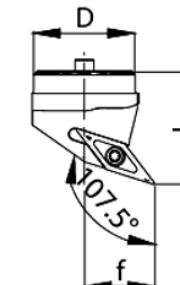
SVUB	VB	93°		
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ID	Text	D	D1 min	L	f	Insert	Insert
	18.CH16SVUBL1102-L20	20	27	20	5° pos	16	35° VB.. 11 02 .. L
	18.CH16SVUBR1102-L20	20	27	20	5° pos	16	35° VB.. 11 02 .. R
	18.CH25SVUBL1102-L25	25	31	25	5° pos	17	35° VB.. 11 02 .. L
	18.CH25SVUBR1102-L25	25	31	25	5° pos	17	35° VB.. 11 02 .. R
W116549	18.CH25SVUBL1103-L35	25	32	35	5° pos.	17	35° VB.. 11 03 .. L
W116550	18.CH25SVUBR1103-L35	25	32	35	5° pos	17	35° VB.. 11 03 .. R
W116561	18.CH32SVUBL1604-L35	32	40	35	5° pos	22	35° VB.. 16 04 .. L
W116562	18.CH32SVUBR1604-L35	32	40	35	5° pos	22	35° VB.. 16 04 .. R
W116577	18.CH40SVUBL1604-L40	40	50	40	5° pos	27	35° VB.. 16 04 .. L
W116578	18.CH40SVUBR1604-L40	40	50	40	5° pos	27	35° VB.. 16 04 .. R



SVQB	VB	107.5°		
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ID	Text	D	D1 min	L	f	Insert	Insert
W116552	18.CH25SVQBL1103-L35	25	32	35	5° pos. 17	35°	VB.. 11 03 .. L
W116551	18.CH25SVQBR1103-L35	25	32	35	5° pos 17	35°	VB.. 11 03 .. R
W116564	18.CH32SVQBL1604-L35	32	40	35	5° pos 22	35°	VB.. 16 04 .. L
W116563	18.CH32SVQBR1604-L35	32	40	35	5° pos 22	35°	VB.. 16 04 .. R
W116580	18.CH40SVQBL1604-L40	40	50	40	5° pos 27	35°	VB.. 16 04 .. L
W116579	18.CH40SVQBR1604-L40	40	50	40	5° pos 27	35°	VB.. 16 04 .. R

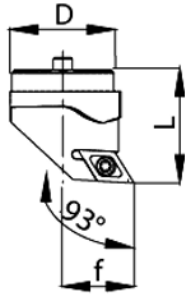
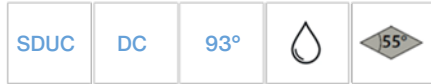
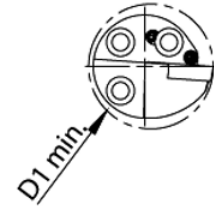


Wechselschneidköpfe für Wendepplatten mit positiver Grundform

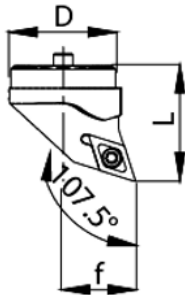
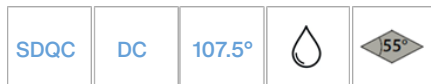
Exchangeable cutting heads for positive inserts

Têtes de coupe interchangeables pour les plaquettes positives

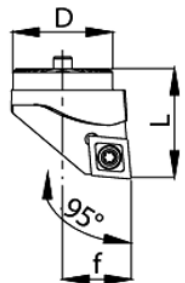
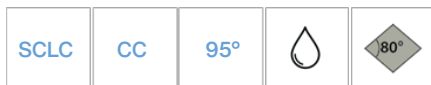
Cabezales modulares para plaquitas positivas



ID	Text	D	D1 min	L	f	Insert	Insert
	18.CH16SDUCL0702-20	16	20	20	7° pos. 11	55°	DC.. 07 02 .. L
	18.CH16SDUCR0702-20	16	20	20	7° pos. 11	55°	DC.. 07 02 .. R
	18.CH20SDUCL0702-20	20	25	20	7° pos. 13	55°	DC.. 07 02 .. L
	18.CH20SDUCR0702-20	20	25	20	7° pos. 13	55°	DC.. 07 02 .. R
W116553	18.CH25SDUCL11T3-L35	25	32	35	7° pos. 17	55°	DC.. 11 T3 .. L
W116554	18.CH25SDUCR11T3-L35	25	32	35	7° pos. 17	55°	DC.. 11 T3 .. R
W116565	18.CH32SDUCL11T3-L35	32	40	35	7° pos. 22	55°	DC.. 11 T3 .. L
W116566	18.CH32SDUCR11T3-L35	32	40	35	7° pos. 22	55°	DC.. 11 T3 .. R
W116581	18.CH40SDUCL11T3-L40	40	50	40	7° pos. 27	55°	DC.. 11 T3 .. L
W116582	18.CH40SDUCR11T3-L40	40	50	40	7° pos. 27	55°	DC.. 11 T3 .. R

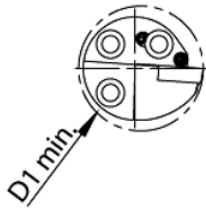


ID	Text	D	D1 min	L	f	Insert	Insert
W116555	18.CH25SDQCR11T3-L35	25	32	35	7° pos. 17	55°	DC.. 11 T3 .. L
W116556	18.CH25SDQCL11T3-L35	25	32	35	7° pos. 17	55°	DC.. 11 T3 .. R
W116567	18.CH32SDQCR11T3-L35	32	40	35	7° pos. 22	55°	DC.. 11 T3 .. L
W116568	18.CH32SDQCL11T3-L35	32	40	35	7° pos. 22	55°	DC.. 11 T3 .. R
W116583	18.CH40SDQCR11T3-L40	40	50	40	7° pos. 27	55°	DC.. 11 T3 .. L
W116584	18.CH40SDQCL11T3-L40	40	50	40	7° pos. 27	55°	DC.. 11 T3 .. R



ID	Text	D	D1 min	L	f	Insert	Insert
	18.CH16SCLCL0602-L20	16	20	20	7° pos. 11	80°	CC.. 06 02 .. L
	18.CH16SCLCR0602-L20	16	20	20	7° pos. 11	80°	CC.. 06 02 .. R
	18.CH20SCLCL09T3-L20	20	25	20	7° pos. 13	80°	CC.. 09 T3 .. L
	18.CH20SCLCR09T3-L20	20	25	20	7° pos. 13	80°	CC.. 09 T3 .. R
	18.CH25SCLCL09T3-L20	25	32	20	7° pos. 17	80°	CC.. 09 T3 .. L
	18.CH25SCLCR09T3-L20	25	32	20	7° pos. 17	80°	CC.. 09 T3 .. R
W116557	18.CH25SCLCL1204-L35	25	32	35	7° pos. 27	80°	CC.. 12 04 .. L
W116558	18.CH25SCLCR1204-L35	25	32	35	7° pos. 27	80°	CC.. 12 04 .. R
	18.CH32SCLCL09T3-L32	32	40	32	7° pos. 22	80°	CC.. 09 T3 .. L
	18.CH32SCLCL09T3-L32	32	40	32	7° pos. 22	80°	CC.. 09 T3 .. R
W116569	18.CH32SCLCL1204-L35	32	40	35	7° pos. 22	80°	CC.. 12 04 .. L
W116570	18.CH32SCLCR1204-L35	32	40	35	7° pos. 22	80°	CC.. 12 04 .. R
W116585	18.CH40SCLCL1204-L40	40	50	40	7° pos. 27	80°	CC.. 12 04 .. L
W117704	18.CH16SCLCR0602-L20	40	50	40	7° pos. 27	80°	CC.. 12 04 .. R

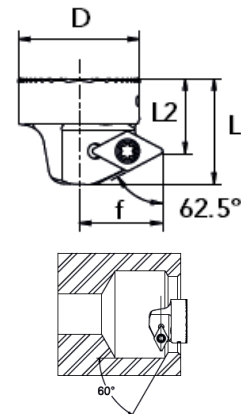
Wechselschneidköpfe für Wendepplatten mit positiver Grundform



Exchangeable cutting heads for positive inserts
Têtes de coupe interchangeables pour les plaquettes positives
Cabezales modulares para plaquitas positivas

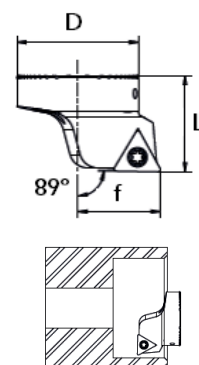
SDNC	DCVB	K 62.5°		
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ID	Text	D	D1 min	L	L2	f	Insert	Insert
18.CH16SDNCL0702-L20	16	22	19.5	15	7° pos. 13	55°	DC.. 07 02 ..	L
18.CH16SDNCR0702-L20	16	22	19.5	15	7° pos. 13	55°	DC.. 07 02 ..	R
18.CH20SDNCL0702-L20	20	27	19.5	15	7° pos. 15	55°	DC.. 07 02 ..	L
18.CH20SDNCR0702-L20	20	27	19.5	15	7° pos. 15	55°	DC.. 07 02 ..	R
18.CH25SDNCL11T3-L20	25	33	19.5	15	7° pos. 18	55°	DC.. 11 T3 ..	L
18.CH25SDNCR11T3-L20	25	33	19.5	15	7° pos. 18	55°	DC.. 11 T3 ..	R
18.CH32SDNCL11T3-L28	32	40	28	20	7° pos. 22	55°	DC.. 11 T3 ..	L
18.CH32SDNCR11T3-L28	32	40	28	20	7° pos. 22	55°	DC.. 11 T3 ..	R
18.CH40SDNCL11T3-L28	40	50	28	20	7° pos. 27	55°	DC.. 11 T3 ..	L
18.CH40SDNCR11T3-L28	40	50	28	20	7° pos. 27	55°	DC.. 11 T3 ..	R



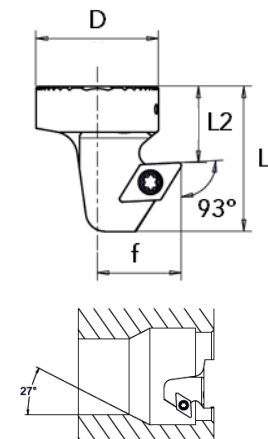
STFC	TC	K 89°		
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ID	Text	D	D1 min	L	f	Insert
18.CH16STFCL1102-L20	16	20	20	7° pos. 11	TC.. 11 02 ..	L
18.CH16STFCR1102-L20	16	20	20	7° pos. 11	TC.. 11 02 ..	R
18.CH20STFCL1102-L20	20	25	20	7° pos. 13	TC.. 11 02 ..	L
18.CH20STFCR1102-L20	20	25	20	7° pos. 13	TC.. 11 02 ..	R
18.CH25STFCL16T3-L20	25	32	20	7° pos. 17	TC.. 16 T3 ..	L
18.CH25STFCR16T3-L20	25	32	20	7° pos. 17	TC.. 16 T3 ..	R
18.CH32STFCL16T3-L32	32	40	32	7° pos. 22	TC.. 16 T3 ..	L
18.CH32STFCR16T3-L32	32	40	32	7° pos. 22	TC.. 16 T3 ..	R
18.CH40STFCL16T3-L32	40	50	32	7° pos. 27	TC.. 16 T3 ..	L
18.CH40STFCR16T3-L32	40	50	32	7° pos. 27	TC.. 16 T3 ..	R



SDXC	DC	K 93°		
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ID	Text	D	D1 min	L	L2	f	Insert	Insert
18.CH16SDXCL0702-L27	16	22	26.5	15	7° pos. 13	55°	DC.. 07 02 ..	L
18.CH16SDXCR0702-L27	16	22	26.5	15	7° pos. 13	55°	DC.. 07 02 ..	R
18.CH20SDXCL0702-L27	20	27	26.5	15	7° pos. 15	55°	DC.. 07 02 ..	L
18.CH20SDXCR0702-L27	20	27	26.5	15	7° pos. 15	55°	DC.. 07 02 ..	R
18.CH25SDXCL11T3-L27	25	33	26.5	15	7° pos. 18	55°	DC.. 11 T3 ..	L
18.CH25SDXCR11T3-L27	25	33	26.5	15	7° pos. 18	55°	DC.. 11 T3 ..	R
18.CH32SDXCL11T3-L38	32	40	38	20	7° pos. 22	55°	DC.. 11 T3 ..	L
18.CH32SDXCR11T3-L38	32	40	38	20	7° pos. 22	55°	DC.. 11 T3 ..	R
18.CH40SDXCL11T3-L38	40	50	38	20	7° pos. 27	55°	DC.. 11 T3 ..	L
18.CH40SDXCR11T3-L38	40	50	38	20	7° pos. 27	55°	DC.. 11 T3 ..	R



ISO12164-3 (DIN69893-3) **HSK-T**

Wechselschneidköpfe für Wendepplatten mit negativer Grundform

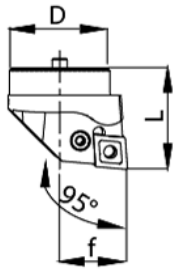
Exchangeable cutting heads for negative inserts

Têtes de coupe interchangeables pour les plaquettes négatives

Cabezales modulares para plaquitas negativas

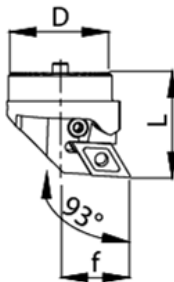


PCLN	CN	95°		
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ID	Text	D	D1 min	L	f	Insert	Insert
W116560	18.CH25PCLN1204-L35	25	32	35	0° neg. 17	80°	CN.. 12 04.. L
W116559	18.CH25PCLNR1204-L35	25	32	35	0° neg. 17	80°	CN.. 12 04.. R
W116572	18.CH32PCLN1204-L35	32	40	35	0° neg. 22	80°	CN.. 12 04.. L
W116571	18.CH32PCLNR1204-L35	32	40	35	0° neg. 22	80°	CN.. 12 04.. R
W116588	18.CH40PCLN1204-L40	40	50	40	0° neg. 27	80°	CN.. 12 04.. L
W116587	18.CH40PCLNR1204-L40	40	50	40	0° neg. 27	80°	CN.. 12 04.. R

PDUN	DN	93°		
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ID	Text	D	D1 min	L	f	Insert	Insert
W117549	18.CH25PDUN1104-L35	25	32	35	0° neg. 17	55°	DN.. 11 04 .. L
W117550	18.CH25PDUNR1104-L35	25	32	35	0° neg. 17	55°	DN.. 11 04 .. R
W117554	18.CH32PDUN1104-L35	32	40	35	0° neg. 22	55°	DN.. 11 04 .. L
W117553	18.CH32PDUNR1104-L35	32	40	35	0° neg. 22	55°	DN.. 11 04 .. R
W116573	18.CH32PDUN1506-L35	32	40	35	0° neg. 22	55°	DN.. 15 06 .. L
W116574	18.CH32PDUNR1506-L35	32	40	35	0° neg. 22	55°	DN.. 15 06 .. R
W117557	18.CH40PDUN1104-L40	40	50	40	0° neg. 27	55°	DN.. 11 04 .. L
W117558	18.CH40PDUNR1104-L40	40	50	40	0° neg. 27	55°	DN.. 11 04 .. R
W116589	18.CH40PDUN1506-L40	40	50	40	0° neg. 27	55°	DN.. 15 06 .. L
W116590	18.CH40PDUNR1506-L40	40	50	40	0° neg. 27	55°	DN.. 15 06 .. R

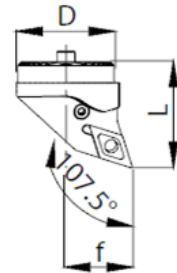
Wechselschneidköpfe für Wendepplatten mit negativer Grundform



Exchangeable cutting heads for negative inserts
Têtes de coupe interchangeables pour les plaquettes négatives
Cabezales modulares para plaquitas negativas

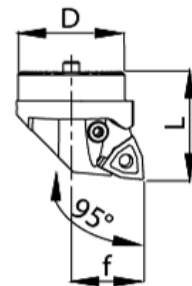
PDQN	DN	107.5°		
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ID	Text	D	D1 min	L	f	Insert	Insert
W117551	18.CH25PDQNL1104-L35 25	32	35	0° neg. 17	55°	DN.. 11 04 ..	L
W117552	18.CH25PDQNR1104-L35 25	32	35	0° neg. 17	55°	DN.. 11 04 ..	R
W117555	18.CH32PDQNL1104-L35 32	40	35	0° neg. 22	55°	DN.. 11 04 ..	L
W117556	18.CH32PDQNR1104-L35 32	40	35	0° neg. 22	55°	DN.. 11 04 ..	R
W117559	18.CH40PDQNL1104-L40 40	50	40	0° neg. 27	55°	DN.. 11 04 ..	L
W117778	18.CH40PDQNR1104-L40 40	50	40	0° neg. 27	55°	DN.. 11 04 ..	R

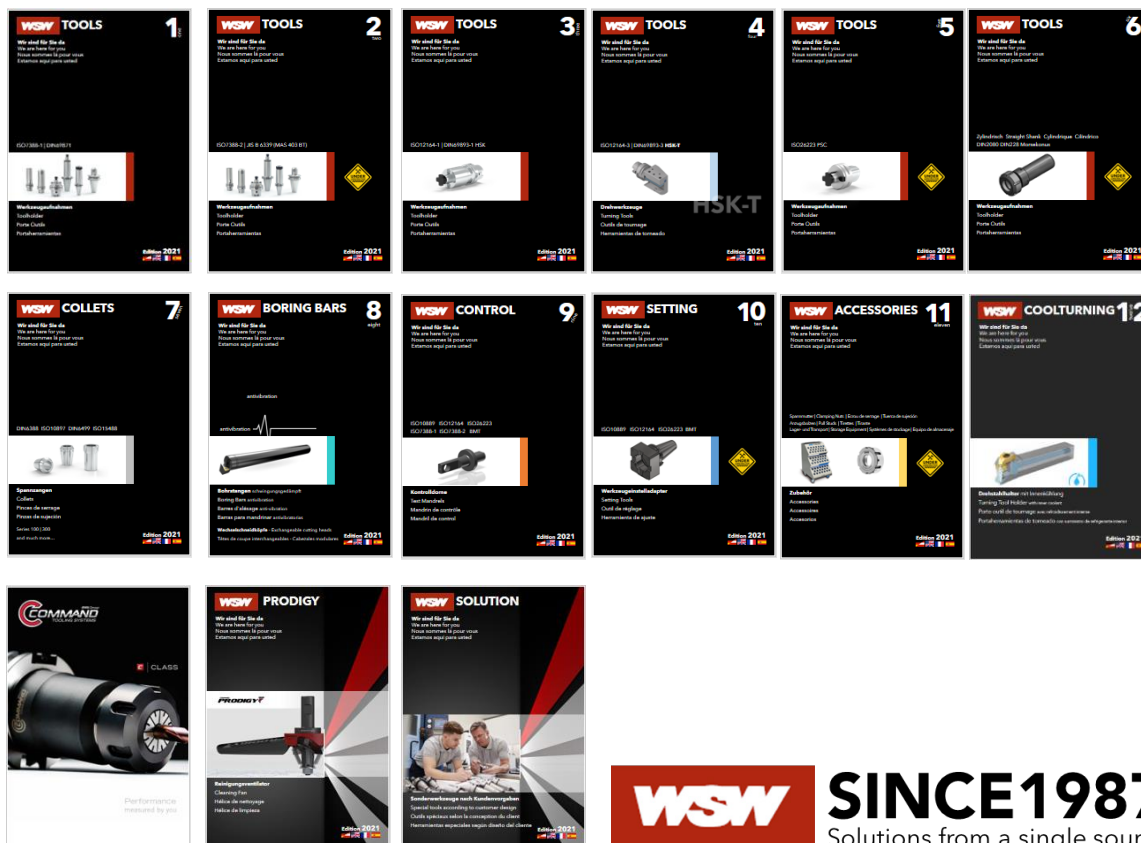


PWLN	WN	95°		
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ID	Text	D	D1 min	L	f	Insert	Insert
W116576	18.CH32PWLNL0804-L35 32	40	35	7° pos. 22	80°	WN.. 08 04 ..	L
W116575	18.CH32PWLNR0804-L35 32	40	35	7° pos. 22	80°	WN.. 08 04 ..	R
W116592	18.CH40PWLNL0804-L40 40	50	40	7° pos. 27	80°	WN.. 08 04 ..	L
W116591	18.CH40PWLNR0804-L40 40	50	40	7° pos. 27	80°	WN.. 08 04 ..	R



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