

TCL-ISO30 PER LEGNO E ALLUMINIO

TCL-ISO30 FOR WOOD AND ALUWORKING



PORTAPINZA ER DIN6499

COLLET CHUCK FOR ER DIN6499



ALBERATI

CUTTER ARBORS TCL



FLANGIA DENTATA (SCM)

WITH TOOTHED FLANGE

CARATTERISTICHE / SPECIFICATION / CARACTÉRISTIQUES/ TECHNISCHE DATEN

🇮🇹 CARATTERISTICHE TECNICHE

- Costruiti in acciaio certificato in barre.
- Eseguiti trattamenti termici da fornitori certificati ISO 9001.
- Rettificati di precisione esternamente, internamente e nelle filettature delle ghiere chiudipinza.
- Controllati con strumenti di misura certificati.
- La tolleranza di precisione dei coni ISO è AT2.
- L'errore di concentricità massimo tra il cono e la sede utensile è di 0.003mm.

🇬🇧 TECHNICAL FEATURES

- Manufactured with certificate steel.
- Heat treatments are performed by certified suppliers ISO 9001.
- Precision ground on shanks, inside tapers and collet nut threads.
- Tested with high precision inspection and gaging equipment.
- Taper accuracy of ISO SHANKS lower than AT2.
- The maximum error of concentricity between the cone and the seat of tool is 0.003mm.

🇫🇷 CARACTÉRISTIQUES

- Fabriqués en bar d'acier certifié.
- Réalisation du traitement thermique par des fournisseurs certifiés ISO 9001.
- Rectification de précision extérieurement, intérieurement et dans les filetages des écrous serre-pince.
- Contrôlés par des instruments de mesure certifiés.
- La tolérance de précision des cônes ISO est AT2.
- L'erreur de concentricité maximum entre le cône et le siège de l'outil est de 0.003 mm.

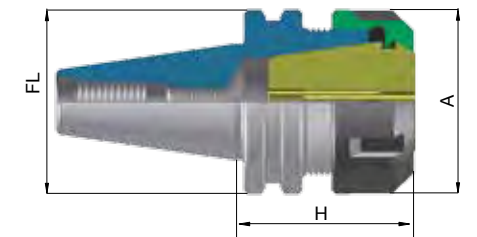
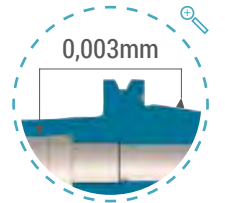
🇩🇪 MERKMALE

- Gebaut aus zertifiziertem Stabstahl
- Warmbehandlungen von Lieferanten mit Zeugnis ISO 9001
- Genauigkeitgeschliffen aussen, innen und in den Gewinden der Spannmutter für den Zangenverschluss
- Geprüft mit zertifizierten Messinstrumente
- Die Präzisionstoleranz der Konen ISO ist AT2
- Die max konzentrische Abweichung zwischen Konus und Werkzeugsitz ist 0.003 mm



PORTA PINZA ER DIN6499

COLLET CHUCK ISO30 FOR ER DIN6499



PORTAPINZA TCL30 FL50 - COLLET CHUCKS TCL30 FL50

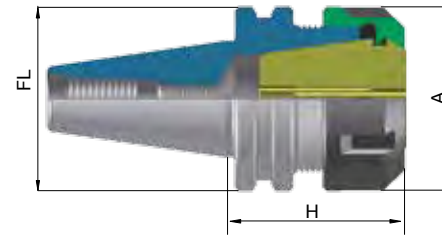
Cod.	TYPE	AT2 G6.3/24000		
		H	FL	A
TCL.30.50.FL50.ER16	TCL30 H50 FL50 ERX16 DX	50	50	32
TCL.30.50.FL50.ER32.DX	TCL30 H50 FL50 ERX32 DX	50	50	50
TCL.30.50.FL50.ER32.SX	TCL30 H50 FL50 ERX32 SX	50	50	50
TCL.30.67.FL50.ER32.DX	TCL30 H67 FL50 ERX32 DX	67	50	50
TCL.30.67.FL50.ER32.SX	TCL30 H67 FL50 ERX32 SX	67	50	50
TCL.30.57.FL50.ER40.DX	TCL30 H57 FL50 ERX40 DX	57	50	63
TCL.30.57.FL50.ER40.SX	TCL30 H57 FL50 ERX40 SX	57	50	63
TCL.30.65.FL50.ER40.DX	TCL30 H65 FL50 ERX40 DX	65	50	63
TCL.30.65.FL50.ER40.SX	TCL30 H65 FL50 ERX40 SX	65	50	63
TCL.30.70.FL50.EOC25.DX	TCL30 H70 FL50 EOC25 DX	70	50	60
TCL.30.80.FL50.EOC25.DX	TCL30 H80 FL50 EOC25 DX	80	50	60
TCL.30.80.FL50.EOC25.SX	TCL30 H80 FL50 EOC25 SX	80	50	60

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CUTTER ARBORS TCL

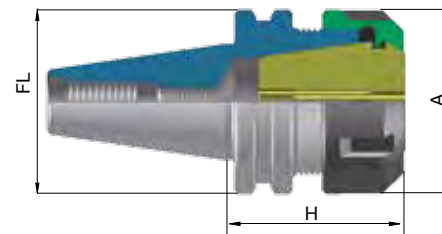
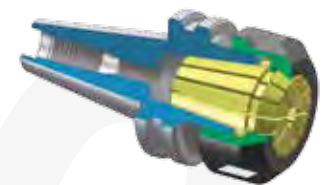


TCL ISO30 PER LEGNO E ALLUMINIO



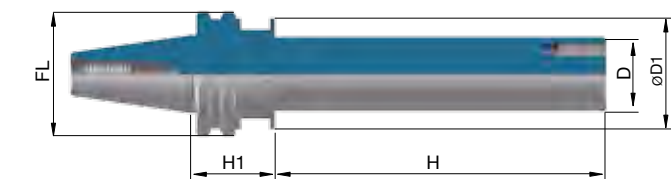
PORTAPINZA TCL30 FL58 - COLLET CHUCKS TCL30 FL58

Cod.	TYPE	H	AT2		G6.3/24000	
			FL	A	FL	A
TCL.30.50.FL58.ER32.DX	TCL30 H50 FL58 ERX32 DX	50	58	50	50	50
TCL.30.50.FL58.ER32.SX	TCL30 H50 FL58 ERX32 SX	50	58	50	50	50
TCL.30.57.FL58.ER40.DX	TCL30 H57 FL58 ERX40 DX	57	58	63	63	63
TCL.30.57.FL58.ER40.SX	TCL30 H57 FL58 ERX40 SX	57	58	63	63	63



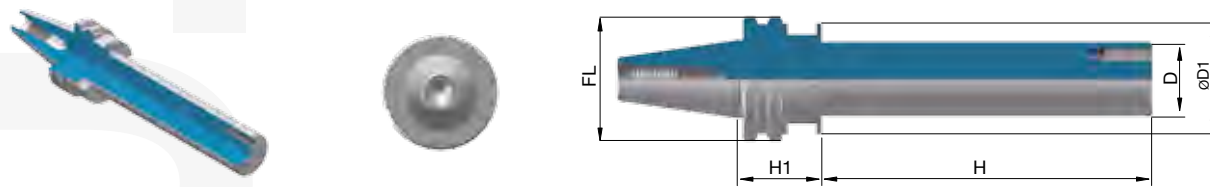
PORTAPINZA TCL30 FL46 - COLLET CHUCKS TCL30 FL46

Cod.	TYPE	H	AT2		G6.3/24000	
			FL	A	FL	A
TCL.30.60.FL46.ER32.DX	TCL30 H60 FL46 ERX32 DX	60	46	50	50	50
TCL.30.60.FL46.ER32.SX	TCL30 H60 FL46 ERX32 SX	60	46	50	50	50
TCL.30.65.FL46.ER40.DX	TCL30 H65 FL46 ERX40 DX	65	46	63	63	63
TCL.30.65.FL46.ER40.SX	TCL30 H65 FL46 ERX40 SX	65	46	63	63	63
TCL.30.80.FL46.EOC25.DX	TCL30 H80 FL46 EOC 25 DX	80	46	60	60	60
TCL.30.80.FL46.EOC25.SX	TCL30 H80 FL46 EOC 25 SX	80	46	60	60	60



ALBERO PORTAFRESE TCL30 FL50 - CUTTER ARBORS TCL30 FL50

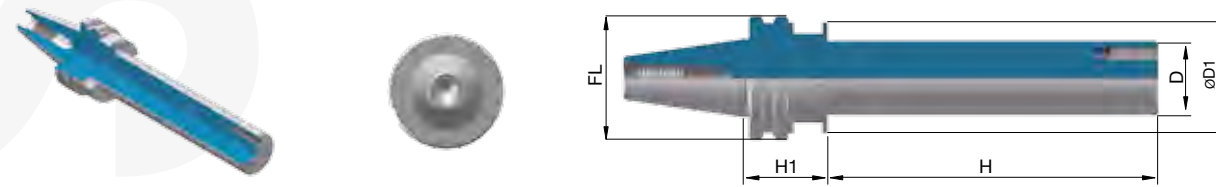
Cod.	TYPE	FL	H1	D	AT2		G6.3/24000	
					H	D1	H	D1
TCL.30.30X80.FL50.35	TCL30 D30x 80 FL.50 A=35	50	35	30	80	45	45	45
TCL.30.30X100.FL50.35	TCL30 D30x 100 FL.50 A=35	50	35	30	100	45	45	45
TCL.30.30X150.FL50.35	TCL30 D30x 150 FL.50 A=35	50	35	30	150	45	45	45
TCL.30.30X200.FL50.35	TCL30 D30x 200 FL.50 A=35	50	35	30	200	45	45	45
TCL.30.35X80.FL50.35	TCL30 D35x 80 FL.50 A=35	50	35	35	80	48	48	48
TCL.30.35X100.FL50.35	TCL30 D35x 100 FL.50 A=35	50	35	35	100	48	48	48
TCL.30.35X150.FL50.35	TCL30 D35x 150 FL.50 A=35	50	35	35	150	48	48	48
TCL.30.35X200.FL50.35	TCL30 D35x 200 FL.50 A=35	50	35	35	200	48	48	48



ALBERO PORTAFRESE TCL30 FL46 - CUTTER ARBORS TCL30 FL46

AT2 G6.3/24000

Cod.	TYPE	FL	H1	D	H	D1
TCL.30.30X80.FL46.35	TCL30 D30x 80 FL.46 A=35	46	35	30	80	45
TCL.30.30X100.FL46.35	TCL30 D30x 100 FL.46 A=35	46	35	30	100	45
TCL.30.30X150.FL46.35	TCL30 D30x 150 FL.46 A=35	46	35	30	150	45
TCL.30.30X200.FL46.35	TCL30 D30x 200 FL.46 A=35	46	35	30	200	45
TCL.30.35X80.FL46.35	TCL30 D35x 80 FL.46 A=35	46	35	35	80	50
TCL.30.35X100.FL46.35	TCL30 D35x 100 FL.46 A=35	46	35	35	100	50
TCL.30.35X150.FL46.35	TCL30 D35x 150 FL.46 A=35	46	35	35	150	50
TCL.30.35X200.FL46.35	TCL30 D35x 200 FL.46 A=35	46	35	35	200	50



ALBERO PORTAFRESE TCL30 FL58 - CUTTER ARBORS TCL30 FL58

AT2 G6.3/24000

Cod.	TYPE	FL	H1	D	H	D1
TCL.30.30X80.FL58.35	TCL30 D30x 80 FL.58 A=35	58	35	30	80	45
TCL.30.30X100.FL58.35	TCL30 D30x 100 FL.58 A=35	58	35	30	100	45
TCL.30.30X150.FL58.35	TCL30 D30x 150 FL.58 A=35	58	35	30	150	45
TCL.30.30X200.FL58.35	TCL30 D30x 200 FL.58 A=35	58	35	30	200	45
TCL.30.35X80.FL58.35	TCL30 D35x 80 FL.58 A=35	58	35	35	80	50
TCL.30.35X100.FL58.35	TCL30 D35x 100 FL.58 A=35	58	35	35	100	50
TCL.30.35X150.FL58.35	TCL30 D35x 150 FL.58 A=35	58	35	35	150	50
TCL.30.35X200.FL58.35	TCL30 D35x 200 FL.58 A=35	58	35	35	200	50

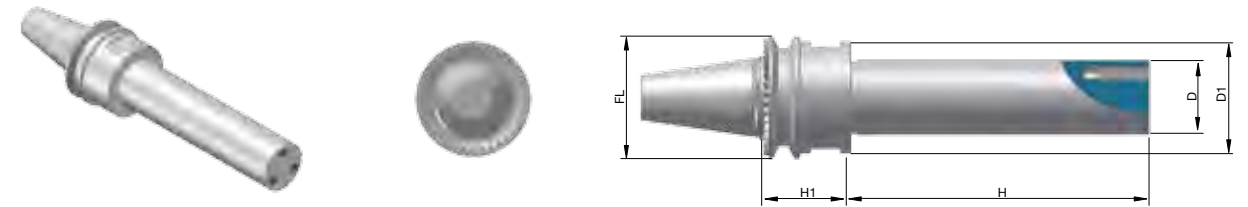
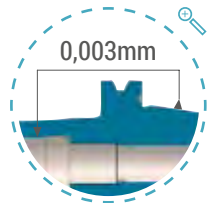
FLANGIA DI RICAMBIO

Cod.	TYPE	Fig.
FLM.30	FLANGIA DI RICAMBIO MASCHIO D.30	1
FLM.35	FLANGIA DI RICAMBIO MASCHIO D.35	1
FLM.40	FLANGIA DI RICAMBIO MASCHIO D.40T	1
FLF.30	FLANGIA DI RICAMBIO FEMMINA D.30	2
FLF.35	FLANGIA DI RICAMBIO FEMMINA D.35	2
FLF.40	FLANGIA DI RICAMBIO FEMMINA D.40	2



FLANGIA DENTATA (SCM)

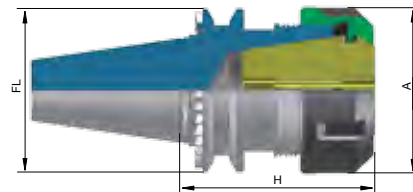
WITH TOOTHED FLANGE



ALBERO PORTAFRESE TCL30 A=41 SCM - CUTTER ARBORS TCL30 A=41 SCM

AT2 G6.3/20000

Cod.	TYPE	FL	H1	D	H	D1
TCL.30.30X80.41.SCM	TCL30 D30x 80 A=41 SCM	49	41	30	80	45
TCL.30.30X100.41.SCM	TCL30 D30x100 A=41 SCM	49	41	30	100	45
TCL.30.30X150.41.SCM	TCL30 D30x150 A=41 SCM	49	41	30	150	45
TCL.30.30X200.41.SCM	TCL30 D30x200 A=41 SCM	49	41	30	200	45
TCL.30.35X80.41.SCM	TCL30 D35x 80 A=41 SCM	49	41	35	80	50
TCL.30.35X100.41.SCM	TCL30 D35x100 A=41 SCM	49	41	35	100	50
TCL.30.35X150.41.SCM	TCL30 D35x150 A=41 SCM	49	41	35	150	50
TCL.30.35X200.41.SCM	TCL30 D35x200 A=41 SCM	49	41	35	200	50
TCL.30.40X80.41.SCM	TCL30 D40x 80 A=41 SCM	49	41	40	80	53
TCL.30.40X100.41.SCM	TCL30 D40x100 A=41 SCM	49	41	40	100	53
TCL.30.40X150.41.SCM	TCL30 D40x150 A=41 SCM	49	41	40	150	53
TCL.30.40X200.41.SCM	TCL30 D40x200 A=41 SCM	49	41	40	200	53



PORTAPINZA TCL30 FL50 SCM - COLLET CHUCK TCL30 FL50 SCM

AT2 G6.3/20000

Cod.	TYPE	H	FL	A
TCL.30.55.ER32.SCM.DX	TCL30 H55 ERX32 FL.DENTATA DX	55	49	50
TCL.30.55.ER32.SCM.SX	TCL30 H55 ERX32 FL.DENTATA SX	55	49	50
TCL.30.74.ER40.SCM.DX	TCL30 H74 ERX40 FL.DENTATA DX	74	49	63
TCL.30.74.ER40.SCM.SX	TCL30 H74 ERX40 FL.DENTATA SX	74	49	63
TCL.30.70.EOC25.SCM.DX	TCL30 H70 EOC25 FL.DENTATA DX	70	49	60
TCL.30.70.EOC25.SCM.SX	TCL30 H70 EOC25 FL.DENTATA SX	70	49	60

FLANGIA DI RICAMBIO

AT2 G6.3/20000

Cod.	TYPE	Fig.
FLM.30	FLANGIA DI RICAMBIO MASCHIO D.30	1
FLM.35	FLANGIA DI RICAMBIO MASCHIO D.35	1
FLM.40	FLANGIA DI RICAMBIO MASCHIO D.40	1
FLF.30	FLANGIA DI RICAMBIO FEMMINA D.30	2
FLF.35	FLANGIA DI RICAMBIO FEMMINA D.35	2
FLF.40	FLANGIA DI RICAMBIO FEMMINA D.40	2

