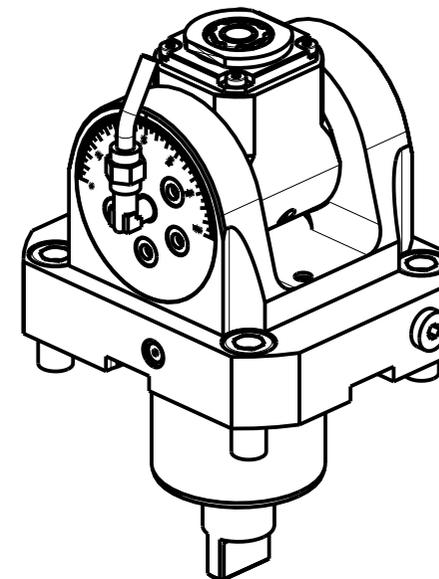


### ATTENZIONE - ATTENTION - ACHTUNG

- Per lo smontaggio degli utensili utilizzare sempre la chiave di contrasto come indicato nel manuale d'uso.
- For disassembly of the tools use always the contrast key as mentioned in the user instructions.
- Fuer das Abmontieren der Werkzeuge immer den Gegenschlüssel benutzen wie in der Bedienungsanleitung erwähnt.



Cod. MT	Mandrino Spindle Spindel	I (n1:n2)	RPM max n2	Coppia Max Max Torque Max Drehmoment	Lubrificazione int. Coolant through Innenkuehlung	Lubrificazione est. Ext. coolant Aussenkuehlung	CHIAVI INCLUSE Keys included Schluessel inbegriffen				
				M2 (Nm)	Pmax (bar)	X	X	CHUB19_SP3	CHUB32	CHTAER16ZC	CHESL10
MNL0640316	ERA16	1:2	12000	8	-	X	X	CHUB19_SP3	CHUB32	CHTAER16ZC	CHESL10
MNL0640416	ERA16	1:2	12000	8	70	X	X	CHUB19_SP3	CHUB32	CHTAER16ZC	CHESL10

**TAKISAWA**  
 MOD: TS3000/4000/5000 Y/YS 12 ST. (3 KEYS TURRET)

MODULO MOTORIZZATO ORIENTABILE +/-90° MOLTIPLICATO I=1:2  
 +/-90° adjustable angle driven tool geared-up I=1:2  
 Angetriebenes Werkzeug schwenkbar +/-90° uebersetzt I=1:2

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TKW 336-7-00

Subject to change without notice.

03/2025