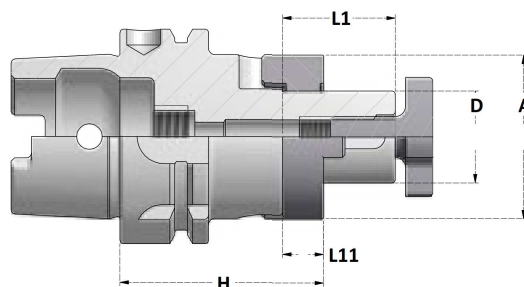


MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS



DIMENSIONI DELL'ATTACCO

SHANK DIMENSIONS

G6,3 15000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
	HSK50A.H50.D16C	16	50	32	27	10	ATR.D16	VTC.D16	CHV.D16
HSK50A.H50.D22C	22	50	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK50A.H65.D27C	27	65	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK50A.H65.D32C	32	65	58	38	14	ATR.D32	VTC.D32	CHV.D32	

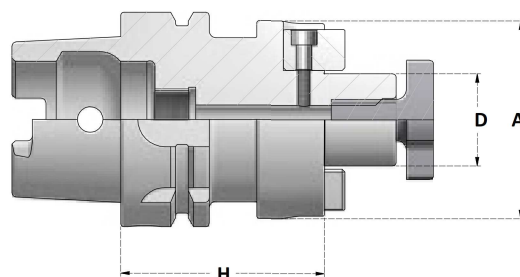
G6,3 15000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
	HSK63A.H60.D16C	16	60	32	27	10	ATR.D16	VTC.D16	CHV.D16
HSK63A.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16	
HSK63A.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16	
HSK63A.H60.D22C	22	60	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK63A.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK63A.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK63A.H60.D27C	27	60	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK63A.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK63A.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK63A.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK63A.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK63A.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK63A.H70.D40C	40	70	70	41	14	ATR.D40	VTC.D40	CHV.D40	
HSK63A.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40	
HSK63A.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40	

G6,3 15000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
	HSK100A.H60.D16C	16	60	32	27	10	ATR.D16	VTC.D16	CHV.D16
HSK100A.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16	
HSK100A.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16	
HSK100A.H60.D22C	22	60	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK100A.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK100A.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22	
HSK100A.H60.D27C	27	60	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK100A.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK100A.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27	
HSK100A.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK100A.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK100A.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32	
HSK100A.H70.D40C	40	70	70	41	14	ATR.D40	VTC.D40	CHV.D40	
HSK100A.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40	
HSK100A.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40	

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

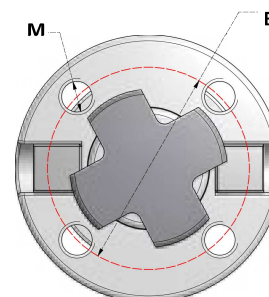


DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3 15000 p.p.m.	Articolo	D	H	A	TTR	VTC
	HSK50A.H50.D16S	16	50	38	TTR.D16	VTC.D16
HSK50A.H60.D22S	22	60	48	TTR.D22	VTC.D22	
HSK50A.H60.D27S	27	60	58	TTR.D27	VTC.D27	
HSK50A.H60.D32S	32	60	78	TTR.D32	VTC.D32	

G6,3 15000 p.p.m.	Articolo	D	H	A	TTR	VTC
	HSK63A.H50.D16S	16	50	38	TTR.D16	VTC.D16
HSK63A.H100.D16S	16	100	38	TTR.D16	VTC.D16	
HSK63A.H130.D16S	16	130	38	TTR.D16	VTC.D16	
HSK63A.H160.D16S	16	160	38	TTR.D16	VTC.D16	
HSK63A.H50.D22S	22	50	48	TTR.D22	VTC.D22	
HSK63A.H100.D22S	22	100	48	TTR.D22	VTC.D22	
HSK63A.H130.D22S	22	130	48	TTR.D22	VTC.D22	
HSK63A.H160.D22S	22	160	48	TTR.D22	VTC.D22	
HSK63A.H60.D27S	27	60	58	TTR.D27	VTC.D27	
HSK63A.H100.D27S	27	100	58	TTR.D27	VTC.D27	
HSK63A.H130.D27S	27	130	58	TTR.D27	VTC.D27	
HSK63A.H160.D27S	27	160	58	TTR.D27	VTC.D27	
HSK63A.H60.D32S	32	60	78	TTR.D32	VTC.D32	
HSK63A.H100.D32S	32	100	78	TTR.D32	VTC.D32	
HSK63A.H130.D32S	32	130	78	TTR.D32	VTC.D32	
HSK63A.H160.D32S	32	160	78	TTR.D32	VTC.D32	
HSK63A.H60.D40S	40	60	88	TTR.D40	VTC.D40	
HSK63A.H100.D40S	40	100	88	TTR.D40	VTC.D40	
HSK63A.H130.D40S	40	130	88	TTR.D40	VTC.D40	
HSK63A.H160.D40S	40	160	88	TTR.D40	VTC.D40	



MANDRINI PER FRESE A SPIANARE CON 4 FORI

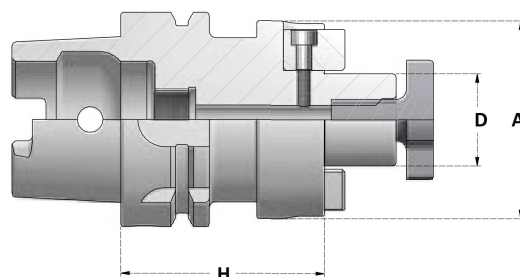
FACE MILL HOLDERS WITH 4 HOLES

G6,3 15000 p.p.m.	Articolo	D	H	A	B	M	TTR	VTC
	HSK63A.H60.D40FM	40	60	88	66,7	M12	TTR.D40	VTC.D40

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

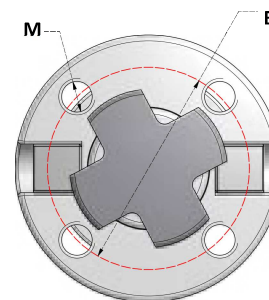


DIMENSIONI DELL'ATTACCO

SHANK DIMENSIONS

G6,3
15000 r.p.m.

Articolo	D	H	A	TTR	VTC
HSK100A.H50.D16S	16	50	38	TTR.D16	VTC.D16
HSK100A.H100.D16S	16	100	38	TTR.D16	VTC.D16
HSK100A.H130.D16S	16	130	38	TTR.D16	VTC.D16
HSK100A.H160.D16S	16	160	38	TTR.D16	VTC.D16
HSK100A.H50.D22S	22	50	48	TTR.D22	VTC.D22
HSK100A.H100.D22S	22	100	48	TTR.D22	VTC.D22
HSK100A.H130.D22S	22	130	48	TTR.D22	VTC.D22
HSK100A.H160.D22S	22	160	48	TTR.D22	VTC.D22
HSK100A.H50.D27S	27	50	58	TTR.D27	VTC.D27
HSK100A.H100.D27S	27	100	58	TTR.D27	VTC.D27
HSK100A.H130.D27S	27	130	58	TTR.D27	VTC.D27
HSK100A.H160.D27S	27	160	58	TTR.D27	VTC.D27
HSK100A.H50.D32S	32	50	78	TTR.D32	VTC.D32
HSK100A.H100.D32S	32	100	78	TTR.D32	VTC.D32
HSK100A.H130.D32S	32	130	78	TTR.D32	VTC.D32
HSK100A.H160.D32S	32	160	78	TTR.D32	VTC.D32
HSK100A.H60.D40S	40	60	88	TTR.D40	VTC.D40
HSK100A.H100.D40S	40	100	88	TTR.D40	VTC.D40
HSK100A.H130.D40S	40	130	88	TTR.D40	VTC.D40
HSK100A.H160.D40S	40	160	88	TTR.D40	VTC.D40



MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

G6,3
15000 r.p.m.

Articolo	D	H	A	B	M	TTR	VTC
HSK100A.H60.D40FM	40	60	88	66,7	M12	TTR.D40	VTC.D40
HSK100A.H70.D60FM	60	70	129	101,6	M16	TTR.D60	VTC.D60

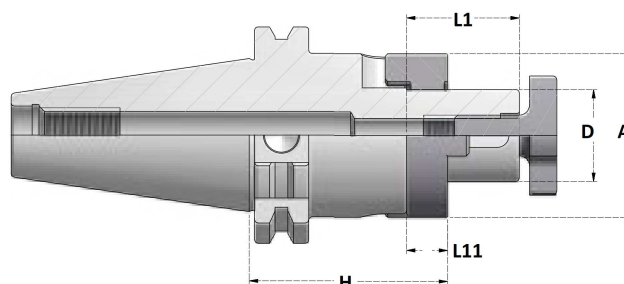
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

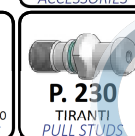


Articolo	D	H	A	L1	L11	ATR	VTC	CHV
TC30.H50.D16C	16	50	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC30.H50.D22C	22	50	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC30.H55.D27C	27	55	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC30.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32



Articolo	D	H	A	L1	L11	ATR	VTC	CHV
TC40.H55.D16C	16	55	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC40.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC40.H130.D16C	16	130	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC40.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC40.H200.D16C	16	200	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC40.H55.D22C	22	55	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC40.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC40.H130.D22C	22	130	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC40.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC40.H200.D22C	22	200	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC40.H55.D27C	27	55	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC40.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC40.H130.D27C	27	130	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC40.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC40.H200.D27C	27	200	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC40.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC40.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC40.H130.D32C	32	130	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC40.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC40.H200.D32C	32	200	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC40.H60.D40C	40	60	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC40.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC40.H130.D40C	40	130	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC40.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC40.H200.D40C	40	200	70	41	14	ATR.D40	VTC.D40	CHV.D40

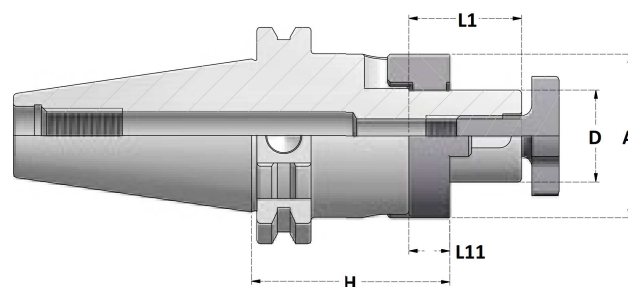
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS

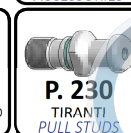
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



Articolo	D	H	A	L1	L11	ATR	VTC	CHV
TC50.H55.D16C	16	55	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC50.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC50.H130.D16C	16	130	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC50.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16
TC50.H55.D22C	22	55	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC50.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC50.H130.D22C	22	130	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC50.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22
TC50.H55.D27C	27	55	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC50.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC50.H130.D27C	27	130	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC50.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27
TC50.H55.D32C	32	55	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC50.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC50.H130.D32C	32	130	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC50.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32
TC50.H55.D40C	40	55	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC50.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC50.H130.D40C	40	130	70	41	14	ATR.D40	VTC.D40	CHV.D40
TC50.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40

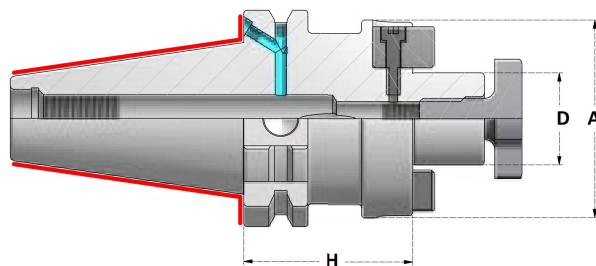
ACCESSORI - ACCESSORIES



MANDRINI A DOPPIO CONTATTO PORTAFRESA FISSI
DOUBLE CONTACT SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5 25000 p.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		DTCB40.H35.D16S	16	35	38	TTR.D16
	DTCB40.H35.D22S	22	35	48	TTR.D22	VTC.D22
	DTCB40.H60.D27S	27	60	58	TTR.D27	VTC.D27
	DTCB40.H60.D32S	32	60	78	TTR.D32	VTC.D32
	DTCB40.H60.D40S	40	60	88	TTR.D40	VTC.D40

G2,5 25000 p.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		DTCB50.H35.D16S	16	35	38	TTR.D16
	DTCB50.H35.D22S	22	35	48	TTR.D22	VTC.D22
	DTCB50.H35.D27S	27	35	58	TTR.D27	VTC.D27
	DTCB50.H35.D32S	32	35	78	TTR.D32	VTC.D32
	DTCB50.H50.D40S	40	50	88	TTR.D40	VTC.D40

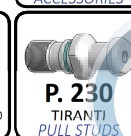
ACCESSORI - ACCESSORIES



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ACCESSORI
ACCESSORIES



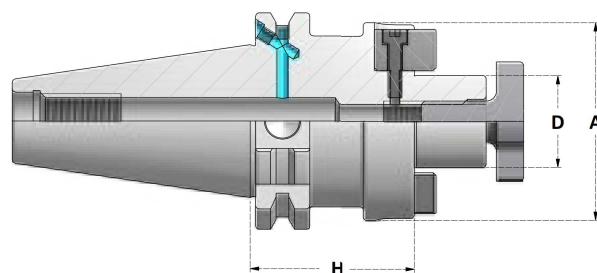
P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



P. 230
TIRANTI
PULL STUDS



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS



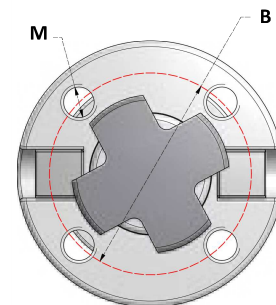
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3 15000.r.p.m. AD	Articolo	D	H	A	TTR	VTC
		* TC30.H35.D16S	16	35	38	TTR.D16
	* TC30.H35.D22S	22	35	40	TTR.D22	VTC.D22
	* TC30.H60.D27S	27	60	58	TTR.D27	VTC.D27
	* TC30.H60.D32S	32	60	78	TTR.D32	VTC.D32

* SENZA CANALI PER IL REFRIGERANTE
WITHOUT COOLANT CHANNELS

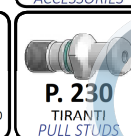
G6,3 15000.r.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		TCB40.H35.D16S	16	35	38	TTR.D16
	TCB40.H45.D16S	16	45	38	TTR.D16	VTC.D16
	TCB40.H100.D16S	16	100	38	TTR.D16	VTC.D16
	TCB40.H130.D16S	16	130	38	TTR.D16	VTC.D16
	TCB40.H160.D16S	16	160	38	TTR.D16	VTC.D16
	TCB40.H200.D16S	16	200	38	TTR.D16	VTC.D16
	TCB40.H35.D22S	22	35	48	TTR.D22	VTC.D22
	TCB40.H45.D22S	22	45	48	TTR.D22	VTC.D22
	TCB40.H100.D22S	22	100	48	TTR.D22	VTC.D22
	TCB40.H130.D22S	22	130	48	TTR.D22	VTC.D22
	TCB40.H160.D22S	22	160	48	TTR.D22	VTC.D22
	TCB40.H200.D22S	22	200	48	TTR.D22	VTC.D22
	TCB40.H35.D27S	27	35	50	TTR.D27	VTC.D27
	TCB40.H50.D27S	27	50	58	TTR.D27	VTC.D27
	TCB40.H100.D27S	27	100	58	TTR.D27	VTC.D27
	TCB40.H130.D27S	27	130	58	TTR.D27	VTC.D27
	TCB40.H160.D27S	27	160	58	TTR.D27	VTC.D27
	TCB40.H200.D27S	27	200	58	TTR.D27	VTC.D27
	TCB40.H50.D32S	32	50	78	TTR.D32	VTC.D32
	TCB40.H55.D32S	32	55	78	TTR.D32	VTC.D32
	TCB40.H100.D32S	32	100	78	TTR.D32	VTC.D32
	TCB40.H130.D32S	32	130	78	TTR.D32	VTC.D32
	TCB40.H160.D32S	32	160	78	TTR.D32	VTC.D32
	TCB40.H200.D32S	32	200	78	TTR.D32	VTC.D32
	TCB40.H60.D40S	40	60	88	TTR.D40	VTC.D40
	TCB40.H100.D40S	40	100	88	TTR.D40	VTC.D40
	TCB40.H130.D40S	40	130	88	TTR.D40	VTC.D40
	TCB40.H160.D40S	40	160	88	TTR.D40	VTC.D40
	TCB40.H200.D40S	40	200	88	TTR.D40	VTC.D40



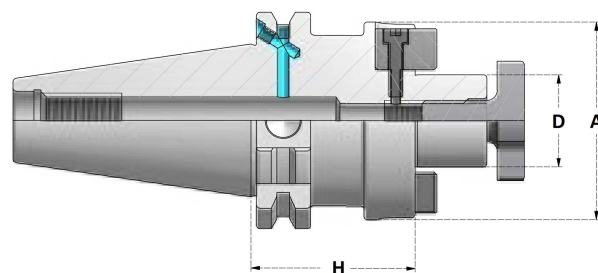
G6,3 15000.r.p.m. AD+B	Articolo	D	H	A	B	M	TTR	VTC
		TCB40.H60.D40FM	40	60	88	66,7	M12	TTR.D40

MANDRINI PER FRESE A SPIANARE CON 4 FORI
FACE MILL HOLDERS WITH 4 HOLES

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

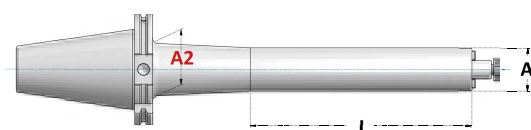


DIMENSIONI DELL'ATTACCO

SHANK DIMENSIONS



Articolo	D	H	A	TTR	VTC
TCB50.H35.D16S	16	35	38	TTR.D16	VTC.D16
TCB50.H45.D16S	16	45	38	TTR.D16	VTC.D16
TCB50.H75.D16S	16	75	38	TTR.D16	VTC.D16
TCB50.H100.D16S	16	100	38	TTR.D16	VTC.D16
TCB50.H130.D16S	16	130	38	TTR.D16	VTC.D16
TCB50.H160.D16S	16	160	38	TTR.D16	VTC.D16
TCB50.H200.D16S	16	200	38	TTR.D16	VTC.D16
TCB50.H250.D16S	16	250	38	TTR.D16	VTC.D16
TCB50.H300.D16S	16	300	38	TTR.D16	VTC.D16
TCB50.H350.D16S	16	350	38	TTR.D16	VTC.D16
TCB50.H35.D22S	22	35	48	TTR.D22	VTC.D22
TCB50.H45.D22S	22	45	48	TTR.D22	VTC.D22
TCB50.H75.D22S	22	75	48	TTR.D22	VTC.D22
TCB50.H100.D22S	22	100	48	TTR.D22	VTC.D22
TCB50.H130.D22S	22	130	48	TTR.D22	VTC.D22
TCB50.H160.D22S	22	160	48	TTR.D22	VTC.D22
TCB50.H200.D22S	22	200	48	TTR.D22	VTC.D22
TCB50.H250.D22S	22	250	48	TTR.D22	VTC.D22
TCB50.H300.D22S	22	300	48	TTR.D22	VTC.D22
TCB50.H350.D22S	22	350	48	TTR.D22	VTC.D22
TCB50.H35.D27S	27	35	58	TTR.D27	VTC.D27
TCB50.H45.D27S	27	45	58	TTR.D27	VTC.D27
TCB50.H75.D27S	27	75	58	TTR.D27	VTC.D27
TCB50.H100.D27S	27	100	58	TTR.D27	VTC.D27
TCB50.H130.D27S	27	130	58	TTR.D27	VTC.D27
TCB50.H160.D27S	27	160	58	TTR.D27	VTC.D27
TCB50.H200.D27S	27	200	58	TTR.D27	VTC.D27
TCB50.H250.D27S	27	250	58	TTR.D27	VTC.D27
TCB50.H300.D27S	27	300	58	TTR.D27	VTC.D27
TCB50.H350.D27S	27	350	58	TTR.D27	VTC.D27
TCB50.H35.D32S	32	35	78	TTR.D32	VTC.D32
TCB50.H50.D32S	32	50	78	TTR.D32	VTC.D32
TCB50.H75.D32S	32	75	78	TTR.D32	VTC.D32
TCB50.H100.D32S	32	100	78	TTR.D32	VTC.D32
TCB50.H130.D32S	32	130	78	TTR.D32	VTC.D32
TCB50.H160.D32S	32	160	78	TTR.D32	VTC.D32
TCB50.H200.D32S	32	200	78	TTR.D32	VTC.D32
TCB50.H250.D32S	32	250	78	TTR.D32	VTC.D32
TCB50.H300.D32S	32	300	78	TTR.D32	VTC.D32
TCB50.H350.D32S	32	350	78	TTR.D32	VTC.D32

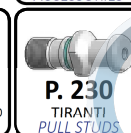


A2=50 L=200

A2=50 L=230

A2=54 L=300

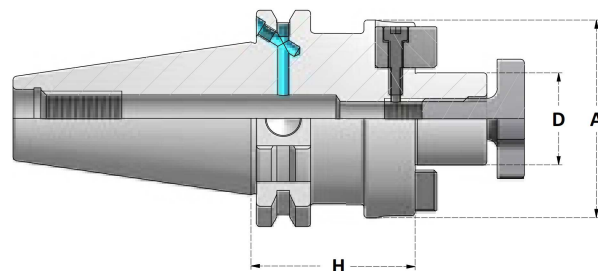
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



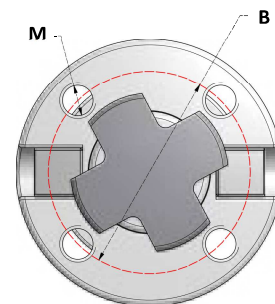
Articolo	D	H	A	TTR	VTC
TCB50.H50.D40S	40	50	88	TTR.D40	VTC.D40
TCB50.H75.D40S	40	75	88	TTR.D40	VTC.D40
TCB50.H100.D40S	40	100	88	TTR.D40	VTC.D40
TCB50.H130.D40S	40	130	88	TTR.D40	VTC.D40
TCB50.H160.D40S	40	160	88	TTR.D40	VTC.D40
TCB50.H200.D40S	40	200	88	TTR.D40	VTC.D40



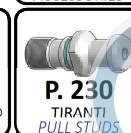
MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

Articolo	D	H	A	B	M	TTR	VTC
TCB50.H50.D40FM	40	50	88	66,7	M12	TTR.D40	VTC.D40
TCB50.H70.D60FM	60	70	129	101,6	M16	TTR.D60	VTC.D60



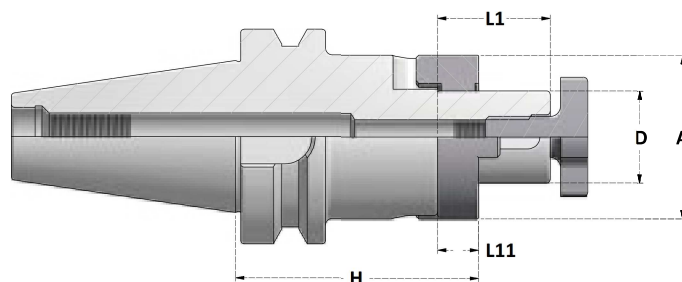
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

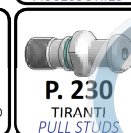


Articolo	D	H	A	L1	L11	ATR	VTC	CHV
BT30.H43.D16C	16	43	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT30.H50.D22C	22	50	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT30.H50.D27C	27	50	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT30.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32



Articolo	D	H	A	L1	L11	ATR	VTC	CHV
BT40.H55.D16C	16	55	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT40.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT40.H130.D16C	16	130	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT40.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT40.H200.D16C	16	200	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT40.H55.D22C	22	55	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT40.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT40.H130.D22C	22	130	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT40.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT40.H200.D22C	22	200	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT40.H55.D27C	27	55	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT40.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT40.H130.D27C	27	130	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT40.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT40.H200.D27C	27	200	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT40.H60.D32C	32	60	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT40.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT40.H130.D32C	32	130	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT40.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT40.H200.D32C	32	200	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT40.H60.D40C	40	60	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT40.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT40.H130.D40C	40	130	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT40.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT40.H200.D40C	40	200	70	41	14	ATR.D40	VTC.D40	CHV.D40

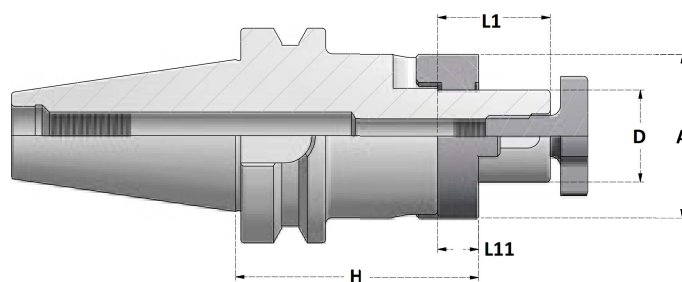
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS

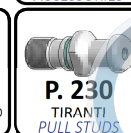
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



Articolo	D	H	A	L1	L11	ATR	VTC	CHV
BT50.H70.D16C	16	70	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT50.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT50.H130.D16C	16	130	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT50.H160.D16C	16	160	32	27	10	ATR.D16	VTC.D16	CHV.D16
BT50.H70.D22C	22	70	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT50.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT50.H130.D22C	22	130	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT50.H160.D22C	22	160	40	31	12	ATR.D22	VTC.D22	CHV.D22
BT50.H70.D27C	27	70	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT50.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT50.H130.D27C	27	130	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT50.H160.D27C	27	160	48	33	12	ATR.D27	VTC.D27	CHV.D27
BT50.H70.D32C	32	70	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT50.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT50.H130.D32C	32	130	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT50.H160.D32C	32	160	58	38	14	ATR.D32	VTC.D32	CHV.D32
BT50.H70.D40C	40	70	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT50.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT50.H130.D40C	40	130	70	41	14	ATR.D40	VTC.D40	CHV.D40
BT50.H160.D40C	40	160	70	41	14	ATR.D40	VTC.D40	CHV.D40

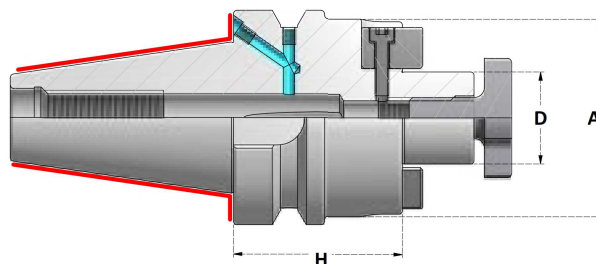
ACCESSORI - ACCESSORIES



MANDRINI A DOPPIO CONTATTO PORTAFRESA FISSI
DOUBLE CONTACT SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5
25000 r.p.m.
AD

Articolo	D	H	A	TTR	VTC
DBT30.H45.D16S	16	45	38	TTR.D16	VTC.D16
DBT30.H45.D22S	22	45	48	TTR.D22	VTC.D22
DBT30.H45.D27S	27	45	58	TTR.D27	VTC.D27
DBT30.H45.D32S	32	45	78	TTR.D32	VTC.D32

G2,5
25000 r.p.m.
AD+B

Articolo	D	H	A	TTR	VTC
DBTB40.H45.D16S	16	45	38	TTR.D16	VTC.D16
DBTB40.H60.D16S	16	60	38	TTR.D16	VTC.D16
DBTB40.H45.D22S	22	45	48	TTR.D22	VTC.D22
DBTB40.H60.D22S	22	60	48	TTR.D22	VTC.D22
DBTB40.H45.D27S	27	45	58	TTR.D27	VTC.D27
DBTB40.H60.D27S	27	60	58	TTR.D27	VTC.D27
DBTB40.H60.D32S	32	60	78	TTR.D32	VTC.D32
DBTB40.H60.D40S	40	60	88	TTR.D40	VTC.D40

G2,5
25000 r.p.m.
AD+B

Articolo	D	H	A	TTR	VTC
DBTB50.H50.D16S	16	50	38	TTR.D16	VTC.D16
DBTB50.H55.D22S	22	55	48	TTR.D22	VTC.D22
DBTB50.H55.D27S	27	55	58	TTR.D27	VTC.D27
DBTB50.H55.D32S	32	55	78	TTR.D32	VTC.D32
DBTB50.H55.D40S	40	55	88	TTR.D40	VTC.D40

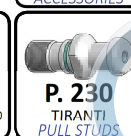
ACCESSORI - ACCESSORIES



P. 368
ACCESSORI
ACCESSORIES



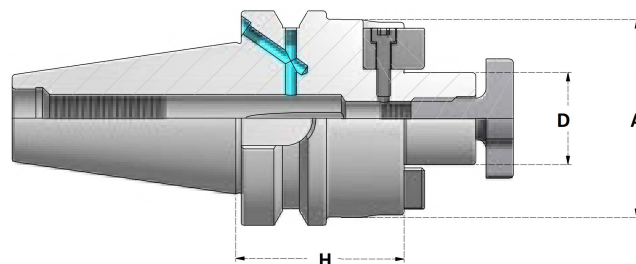
P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



P. 230
TIRANTI
PULL STUDS



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



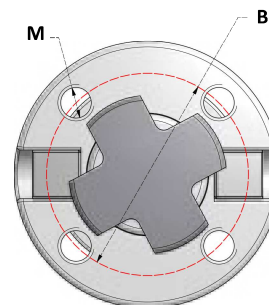
G6,3
15000 r.p.m.
AD

Articolo	D	H	A	TTR	VTC
* BT30.H43.D16S	16	43	38	TTR.D16	VTC.D16
* BT30.H43.D22S	22	43	48	TTR.D22	VTC.D22
* BT30.H50.D27S	27	50	58	TTR.D27	VTC.D27
* BT30.H50.D32S	32	50	78	TTR.D32	VTC.D32

* SENZA CANALI PER IL REFRIGERANTE
WITHOUT COOLANT CHANNELS

G6,3
15000 r.p.m.
AD+B

Articolo	D	H	A	TTR	VTC
BTB40.H45.D16S	16	45	38	TTR.D16	VTC.D16
BTB40.H100.D16S	16	100	38	TTR.D16	VTC.D16
BTB40.H130.D16S	16	130	38	TTR.D16	VTC.D16
BTB40.H160.D16S	16	160	38	TTR.D16	VTC.D16
BTB40.H200.D16S	16	200	38	TTR.D16	VTC.D16
BTB40.H45.D22S	22	45	48	TTR.D22	VTC.D22
BTB40.H100.D22S	22	100	48	TTR.D22	VTC.D22
BTB40.H130.D22S	22	130	48	TTR.D22	VTC.D22
BTB40.H160.D22S	22	160	48	TTR.D22	VTC.D22
BTB40.H200.D22S	22	200	48	TTR.D22	VTC.D22
BTB40.H45.D27S	27	45	58	TTR.D27	VTC.D27
BTB40.H100.D27S	27	100	58	TTR.D27	VTC.D27
BTB40.H130.D27S	27	130	58	TTR.D27	VTC.D27
BTB40.H160.D27S	27	160	58	TTR.D27	VTC.D27
BTB40.H200.D27S	27	200	58	TTR.D27	VTC.D27
BTB40.H56.D32S	32	56	78	TTR.D32	VTC.D32
BTB40.H100.D32S	32	100	78	TTR.D32	VTC.D32
BTB40.H130.D32S	32	130	78	TTR.D32	VTC.D32
BTB40.H160.D32S	32	160	78	TTR.D32	VTC.D32
BTB40.H200.D32S	32	200	78	TTR.D32	VTC.D32
BTB40.H60.D40S	40	60	88	TTR.D40	VTC.D40
BTB40.H100.D40S	40	100	88	TTR.D40	VTC.D40
BTB40.H130.D40S	40	130	88	TTR.D40	VTC.D40
BTB40.H160.D40S	40	160	88	TTR.D40	VTC.D40
BTB40.H200.D40S	40	200	88	TTR.D40	VTC.D40

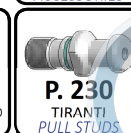


G6,3
15000 r.p.m.
AD+B

MANDRINI PER FRESE A SPIANARE CON 4 FORI
FACE MILL HOLDERS WITH 4 HOLES

Articolo	D	H	A	B	M	TTR	VTC
BTB40.H60.D40FM	40	60	88	66,7	M12	TTR.D40	VTC.D40

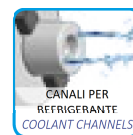
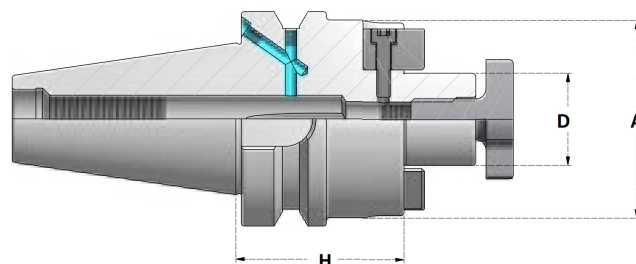
ACCESSORI - ACCESSORIES



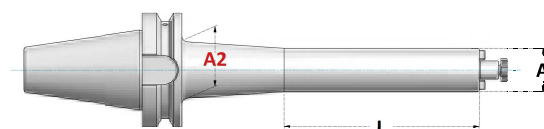
MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



Articolo	D	H	A	TTR	VTC
BTB50.H50.D16S	16	50	38	TTR.D16	VTC.D16
BTB50.H75.D16S	16	75	38	TTR.D16	VTC.D16
BTB50.H100.D16S	16	100	38	TTR.D16	VTC.D16
BTB50.H130.D16S	16	130	38	TTR.D16	VTC.D16
BTB50.H160.D16S	16	160	38	TTR.D16	VTC.D16
BTB50.H200.D16S	16	200	38	TTR.D16	VTC.D16
BTB50.H250.D16S	16	250	38	TTR.D16	VTC.D16
BTB50.H300.D16S	16	300	38	TTR.D16	VTC.D16
BTB50.H350.D16S	16	350	38	TTR.D16	VTC.D16
BTB50.H55.D22S	22	55	48	TTR.D22	VTC.D22
BTB50.H75.D22S	22	75	48	TTR.D22	VTC.D22
BTB50.H100.D22S	22	100	48	TTR.D22	VTC.D22
BTB50.H130.D22S	22	130	48	TTR.D22	VTC.D22
BTB50.H160.D22S	22	160	48	TTR.D22	VTC.D22
BTB50.H200.D22S	22	200	48	TTR.D22	VTC.D22
BTB50.H250.D22S	22	250	48	TTR.D22	VTC.D22
BTB50.H300.D22S	22	300	48	TTR.D22	VTC.D22
BTB50.H350.D22S	22	350	48	TTR.D22	VTC.D22
BTB50.H55.D27S	27	55	58	TTR.D27	VTC.D27
BTB50.H75.D27S	27	75	58	TTR.D27	VTC.D27
BTB50.H100.D27S	27	100	58	TTR.D27	VTC.D27
BTB50.H130.D27S	27	130	58	TTR.D27	VTC.D27
BTB50.H160.D27S	27	160	58	TTR.D27	VTC.D27
BTB50.H200.D27S	27	200	58	TTR.D27	VTC.D27
BTB50.H250.D27S	27	250	58	TTR.D27	VTC.D27
BTB50.H300.D27S	27	300	58	TTR.D27	VTC.D27
BTB50.H350.D27S	27	350	58	TTR.D27	VTC.D27
BTB50.H55.D32S	32	55	78	TTR.D32	VTC.D32
BTB50.H75.D32S	32	75	78	TTR.D32	VTC.D32
BTB50.H100.D32S	32	100	78	TTR.D32	VTC.D32
BTB50.H130.D32S	32	130	78	TTR.D32	VTC.D32
BTB50.H160.D32S	32	160	78	TTR.D32	VTC.D32
BTB50.H200.D32S	32	200	78	TTR.D32	VTC.D32
BTB50.H250.D32S	32	250	78	TTR.D32	VTC.D32
BTB50.H300.D32S	32	300	78	TTR.D32	VTC.D32
BTB50.H350.D32S	32	350	78	TTR.D32	VTC.D32

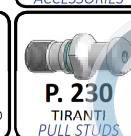


A2=50 L=200

A2=50 L=230

A2=54 L=300

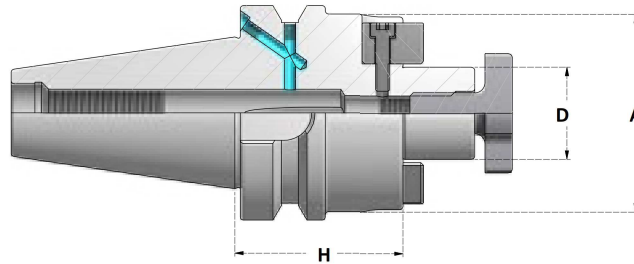
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

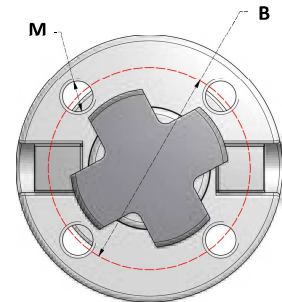
SHANK
DIMENSIONS



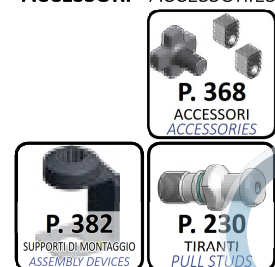
G6,3 15000 p.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		BTB50.H55.D40S	40	55	88	TTR.D40
	BTB50.H75.D40S	40	75	88	TTR.D40	VTC.D40
	BTB50.H100.D40S	40	100	88	TTR.D40	VTC.D40
	BTB50.H130.D40S	40	130	88	TTR.D40	VTC.D40
	BTB50.H160.D40S	40	160	88	TTR.D40	VTC.D40
	BTB50.H200.D40S	40	200	88	TTR.D40	VTC.D40

MANDRINI PER FRESE A SPIANARE CON 4 FORI
FACE MILL HOLDERS WITH 4 HOLES

G6,3 15000 p.p.m. AD+B	Articolo	D	H	A	B	M	TTR	VTC
		BTB50.H55.D40FM	40	55	88	66,7	M12	TTR.D40
	BTB50.H80.D60FM	60	80	129	101,6	M16	TTR.D60	VTC.D60



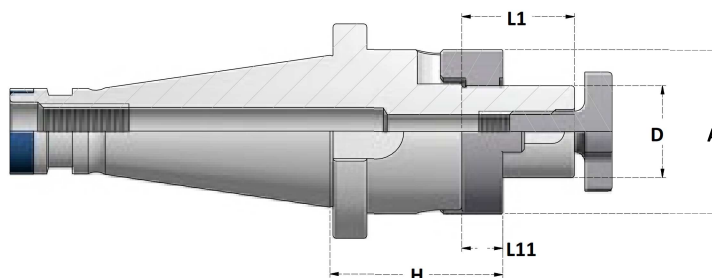
ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA COMBINATI
COMBI SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G6,3 8000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
		ISO30.H50.D16C	16	50	32	27	10	ATR.D16	VTC.D16
	ISO30.H50.D22C	22	50	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO30.H50.D27C	27	50	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO30.H50.D32C	32	50	58	38	14	ATR.D32	VTC.D32	CHV.D32

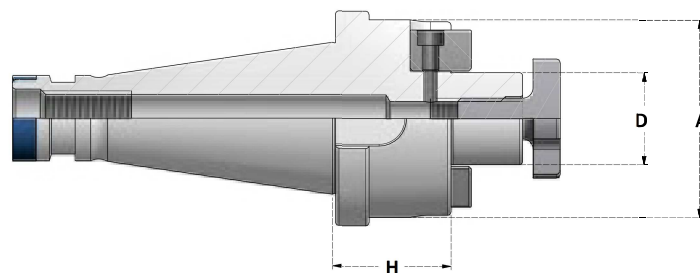
G6,3 8000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
		ISO40.H52.D16C	16	52	32	27	10	ATR.D16	VTC.D16
	ISO40.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
	ISO40.H52.D22C	22	52	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO40.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO40.H52.D27C	27	52	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO40.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO40.H52.D32C	32	52	58	38	14	ATR.D32	VTC.D32	CHV.D32
	ISO40.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
	ISO40.H52.D40C	40	52	70	41	14	ATR.D40	VTC.D40	CHV.D40
	ISO40.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40

G6,3 8000 r.p.m.	Articolo	D	H	A	L1	L11	ATR	VTC	CHV
		ISO50.H55.D16C	16	55	32	27	10	ATR.D16	VTC.D16
	ISO50.H100.D16C	16	100	32	27	10	ATR.D16	VTC.D16	CHV.D16
	ISO50.H125.D16C	16	125	32	27	10	ATR.D16	VTC.D16	CHV.D16
	ISO50.H55.D22C	22	55	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO50.H100.D22C	22	100	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO50.H125.D22C	22	125	40	31	12	ATR.D22	VTC.D22	CHV.D22
	ISO50.H55.D27C	27	55	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO50.H100.D27C	27	100	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO50.H125.D27C	27	125	48	33	12	ATR.D27	VTC.D27	CHV.D27
	ISO50.H55.D32C	32	55	58	38	14	ATR.D32	VTC.D32	CHV.D32
	ISO50.H100.D32C	32	100	58	38	14	ATR.D32	VTC.D32	CHV.D32
	ISO50.H125.D32C	32	125	58	38	14	ATR.D32	VTC.D32	CHV.D32
	ISO50.H55.D40C	40	55	70	41	14	ATR.D40	VTC.D40	CHV.D40
	ISO50.H100.D40C	40	100	70	41	14	ATR.D40	VTC.D40	CHV.D40
	ISO50.H125.D40C	40	125	70	41	14	ATR.D40	VTC.D40	CHV.D40

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3
8000 r.p.m.

Articolo	D	H	A	TTR	VTC
ISO30.H35.D16S	16	35	38	TTR.D16	VTC.D16
ISO30.H35.D22S	22	35	48	TTR.D22	VTC.D22
ISO30.H35.D27S	27	35	58	TTR.D27	VTC.D27
ISO30.H35.D32S	32	35	78	TTR.D32	VTC.D32

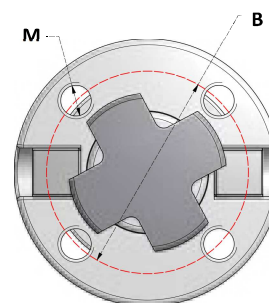
G6,3
8000 r.p.m.

Articolo	D	H	A	TTR	VTC
ISO40.H30.D16S	16	30	38	TTR.D16	VTC.D16
ISO40.H52.D16S	16	52	38	TTR.D16	VTC.D16
ISO40.H100.D16S	16	100	38	TTR.D16	VTC.D16
ISO40.H35.D22S	22	35	48	TTR.D22	VTC.D22
ISO40.H52.D22S	22	52	48	TTR.D22	VTC.D22
ISO40.H100.D22S	22	100	48	TTR.D22	VTC.D22
ISO40.H35.D27S	27	35	58	TTR.D27	VTC.D27
ISO40.H52.D27S	27	52	58	TTR.D27	VTC.D27
ISO40.H100.D27S	27	100	58	TTR.D27	VTC.D27
ISO40.H35.D32S	32	35	78	TTR.D32	VTC.D32
ISO40.H52.D32S	32	52	78	TTR.D32	VTC.D32
ISO40.H100.D32S	32	100	78	TTR.D32	VTC.D32
ISO40.H35.D40S	40	35	88	TTR.D40	VTC.D40
ISO40.H52.D40S	40	52	88	TTR.D40	VTC.D40
ISO40.H100.D40S	40	100	88	TTR.D40	VTC.D40

MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

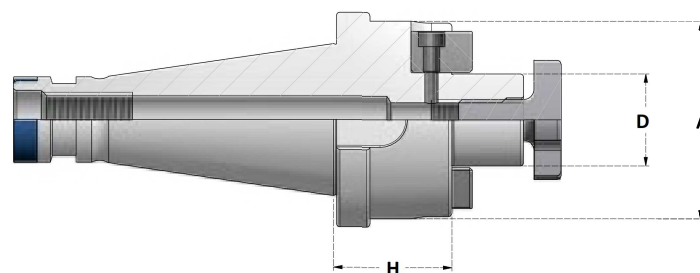
Articolo	D	H	A	M	B	TTR	VTC
ISO40.H35.D40FM	40	35	88	M12	66,7	TTR.D40	VTC.D40



ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3

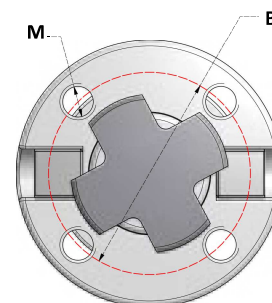
8000 r.p.m.

Articolo	D	H	A	TTR	VTC
ISO50.H45.D16S	16	45	38	TTR.D16	VTC.D16
ISO50.H100.D16S	16	100	38	TTR.D16	VTC.D16
ISO50.H125.D16S	16	125	38	TTR.D16	VTC.D16
ISO50.H45.D22S	22	45	48	TTR.D22	VTC.D22
ISO50.H100.D22S	22	100	48	TTR.D22	VTC.D22
ISO50.H125.D22S	22	125	48	TTR.D22	VTC.D22
ISO50.H45.D27S	27	45	58	TTR.D27	VTC.D27
ISO50.H100.D27S	27	100	58	TTR.D27	VTC.D27
ISO50.H125.D27S	27	125	58	TTR.D27	VTC.D27
ISO50.H45.D32S	32	45	78	TTR.D32	VTC.D32
ISO50.H100.D32S	32	100	78	TTR.D32	VTC.D32
ISO50.H125.D32S	32	125	78	TTR.D32	VTC.D32
ISO50.H45.D40S	40	45	88	TTR.D40	VTC.D40
ISO50.H100.D40S	40	100	88	TTR.D40	VTC.D40
ISO50.H125.D40S	40	125	88	TTR.D40	VTC.D40

MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

Articolo	D	H	A	M	B	TTR	VTC
ISO50.H45.D40FM	40	45	88	M12	66,7	TTR.D40	VTC.D40
ISO50.H55.D60FM	60	55	129	M16	101,6	TTR.D60	VTC.D60



ACCESSORI - ACCESSORIES

