

UTENSILI ANTIVIBBRANTI PER FRESATURA



MAQ
Simplify Machining™

Tecnologia per eliminare
le vibrazioni nelle lavorazioni
meccaniche.

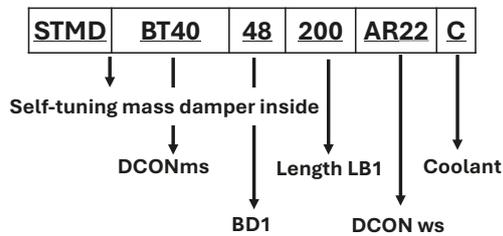
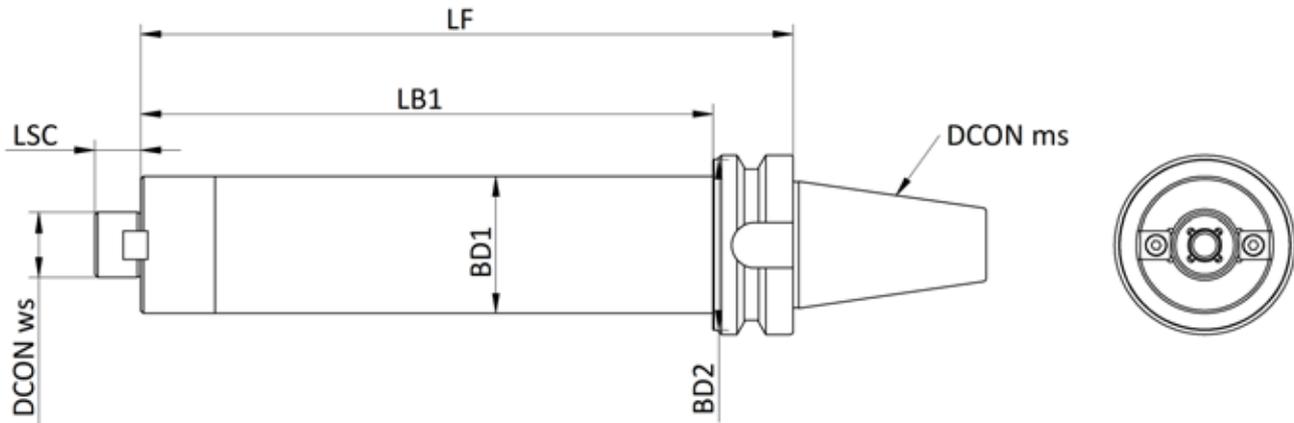
Utensili brevettati:

- Autoregistranti
- Plug & Play
- Senza manutenzione

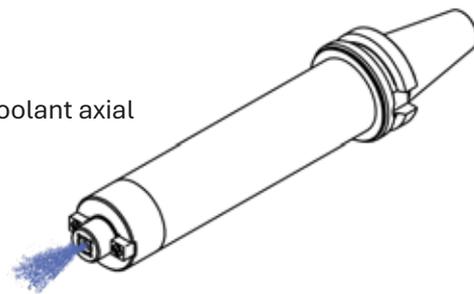


Milling

Modular Arbor A/B – ISO 6462



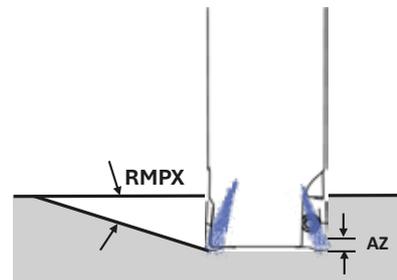
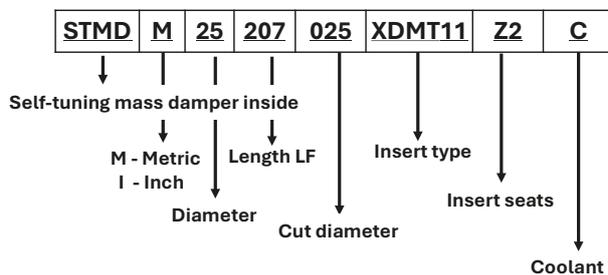
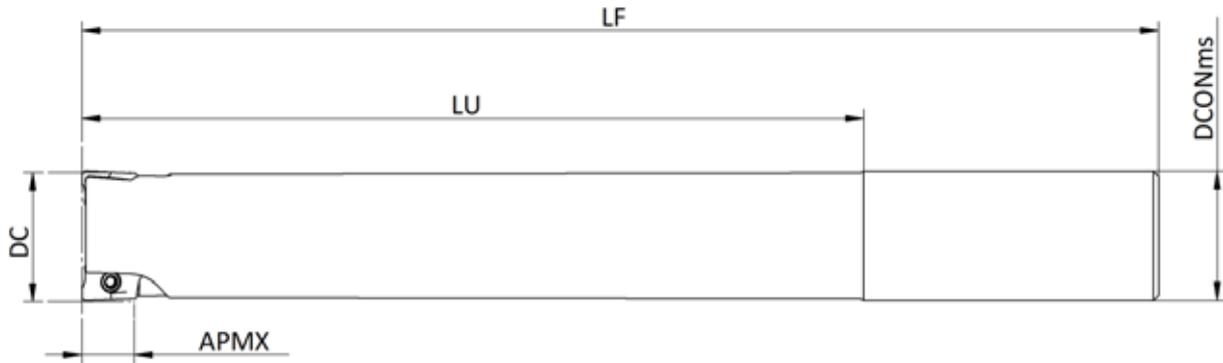
C – Coolant axial



Part number	Type	DCON _{ms}	BD ₁ (mm)	LB ₁ (mm)	LF (mm)	DCON _{ws}	LSC (mm)	BD ₂ (mm)	d (mm)	Max RPM	Balancing ^a	Thread	
310080	STMD SK40 48-150 AR22 C	SK40	48	150	175	22	16	48	10	10000	NO	M10	6.4
310081	STMD SK40 48-200 AR22 C	SK40	48	200	225	22	16	48	10	8000	NO	M10	8.3
310082	STMD SK40 48-250 AR22 C	SK40	48	250	275	22	16	48	10	5000	NO	M10	10.0
310089	STMD SK50 48-150 AR22 C	SK50	48	150	166	22	16	NA	10	10000	NO	M10	6.4
310090	STMD SK50 48-200 AR22 C	SK50	48	200	216	22	16	NA	10	8000	NO	M10	8.3
310091	STMD SK50 48-250 AR22 C	SK50	48	250	266	22	16	NA	10	5000	NO	M10	10.0
310135	STMD BT40 48-150 AR22 C	BT40	48	150	178	22	16	60	10	10000	NO	M10	6.4
310136	STMD BT40 48-200 AR22 C	BT40	48	200	228	22	16	60	10	8000	NO	M10	8.3
310137	STMD BT40 48-250 AR22 C	BT40	48	250	278	22	16	60	10	5000	NO	M10	10.0
310144	STMD BT50 48-150 AR22 C	BT50	48	150	185	22	16	NA	10	10000	NO	M10	6.4
310145	STMD BT50 48-200 AR22 C	BT50	48	200	235	22	16	NA	10	8000	NO	M10	8.3
310146	STMD BT50 48-250 AR22 C	BT50	48	250	285	22	16	NA	10	5000	NO	M10	10.0

^a - with a floating mass and naturally not balanced

Monoblock milling tools



Insert – XDMT

Damped square shoulder milling tool - Monoblock															
Part number	Type	DCON _{ms} (mm)	DC (mm)	LU (mm)	LF (mm)	RMPX (°)	AZ (mm)	Insert seat	APMX (mm)	Z	Max RPM	Balancing ^a	Thread screw		
310001	STMD M20-171 020 XDMT11 Z2 C	20 h6	20	120	171	5.5	1	XDMT 11	10	2	32500	NO	M2.5x6	0.6	
310002	STMD M25-207 025 XDMT11 Z2 C	25 h6	25	150	207	5	1	XDMT 11	10	2	24000	NO	M2.5x6	0.9	
310003	STMD M32-254 032 XDMT11 Z2 C	32 h6	32	192	254	3.6	1	XDMT 11	10	2	15000	NO	M2.5x6	1.5	

a - with a floating mass and naturally not balanced

Insert - APKT

Damped square shoulder milling tool - Monoblock															
Part number	Type	DCON _{ms} (mm)	DC (mm)	LU (mm)	LF (mm)	RMPX (°)	AZ (mm)	Insert seat	APMX (mm)	Z	Max RPM	Balancing ^a	Thread screw		
310190	STMD M20-171 020 APKT 11T3 Z2 C	20 h6	20	120	171	5.5	1	APKT 11T3	10	2	32500	NO	M2.5x6	0.6	
310191	STMD M25-207 025 APKT 11T3 Z2 C	25 h6	25	150	207	5	1	APKT 11T3	10	2	24000	NO	M2.5x6	0.9	
310192	STMD M32-254 032 APKT 11T3 Z2 C	32 h6	32	192	254	3.6	1	APKT 11T3	10	2	15000	NO	M2.5x6	1.5	

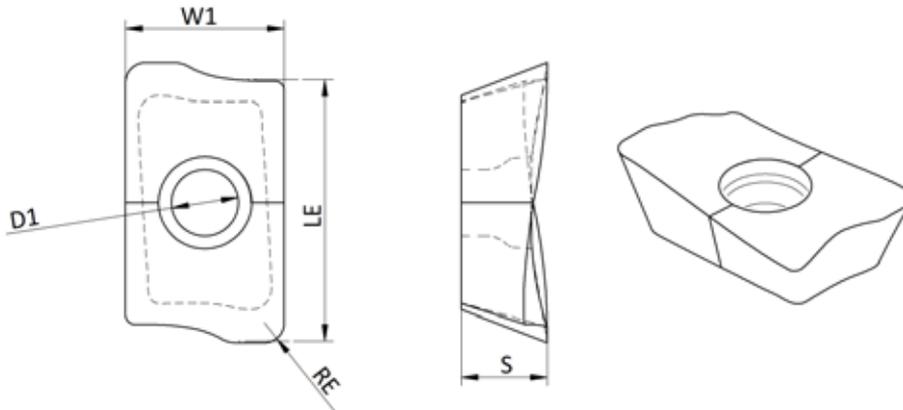
a - with a floating mass and naturally not balanced

Insert – AOMT

Damped square shoulder milling tool - Monoblock - AOMT															
Part number	Type	DCON _{ms} (mm)	DC (mm)	LU (mm)	LF (mm)	RMPX (°)	AZ (mm)	Insert seat	APMX (mm)	Z	Max RPM	Balancing ^a	Thread screw		
310189	STMD M25-207 025 AOMT 1236 Z2 C	25 h6	25	150	207	5	1	AOMT 1236	10	2	24000	NO	M2.5x6	0.9	

a - with a floating mass and naturally not balanced

Milling tool inserts

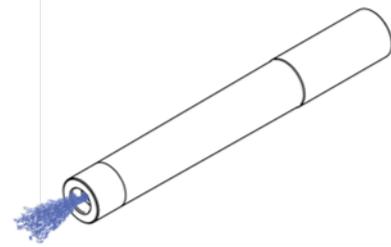
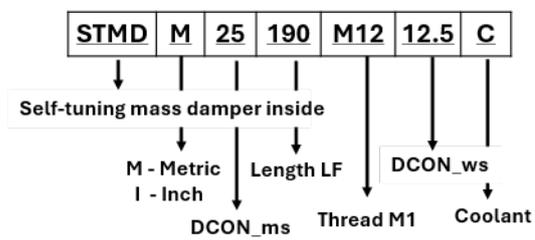
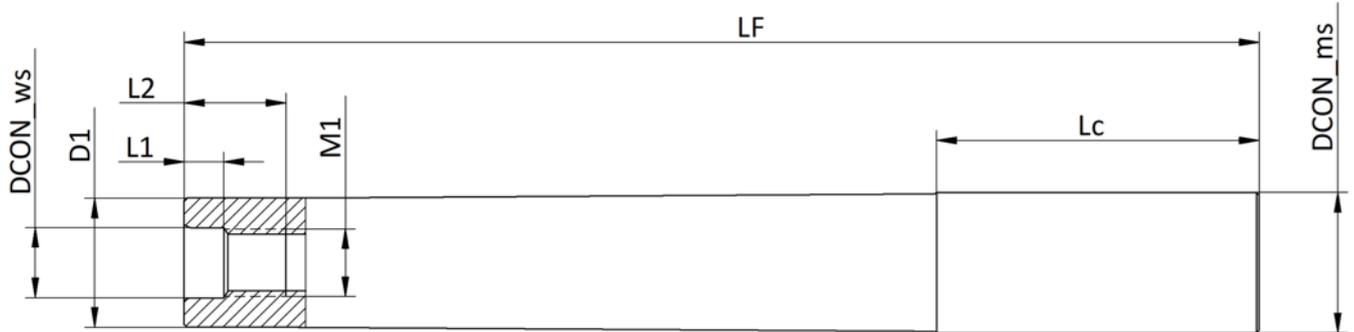


Part Number	Insert code	W1 (mm)	LE (mm)	RE (mm)	D1 (mm)	S (mm)	P	M	K	H	S	N
310004	XDMT 11T308 PM P15P (10 pcs/pack)	6.8	11	0.8	2.8	3.59	●	●	○	○	○	○
310005	XDMT 11T308 PM P25P (10 pcs/pack)	6.8	11	0.8	2.8	3.59	●	●	○	○	○	○
310006	XDMT 11T308 PL P10U Cermet (10 pcs/pack)	6.8	11	0.8	2.8	3.59	●	●	●	○	○	○
310009	XDMT 11T308 AL N05U (10 pcs/pack)	6.8	11	0.8	2.8	3.59	○	○	○	○	○	●

Part Number	Insert code	W1 (mm)	LE (mm)	RE (mm)	D1 (mm)	S (mm)	P	M	K	H	S	N
310193	APKT 11T304 PM P20P (10 pcs/pack)	6.5	12.24	0.4	2.8	3.6	●	●	○	○	○	○
310194	APKT 11T304 PM K20C (10 pcs/pack)	6.5	12.24	0.4	2.8	3.6	○	○	●	○	○	○
310195	APKT 11T304 PF S10P (10 pcs/pack)	6.5	12.24	0.4	2.8	3.6	●	●	○	○	●	○
310196	APKT 11T304 LH N05U (10 pcs/pack)	6.5	12.24	0.4	2.8	3.6	○	○	○	○	○	●
310197	APKT 11T308 PM P20P (10 pcs/pack)	6.5	12.24	0.8	2.8	3.6	●	●	○	○	○	○
310198	APKT 11T308 PM K20C (10 pcs/pack)	6.5	12.24	0.4	2.8	3.6	○	○	●	○	○	○
310199	APKT 11T308 PM S20P (10 pcs/pack)	6.5	12.24	0.8	2.8	3.6	●	●	○	○	●	○
310200	APKT 11T308 LH N05U (10 pcs/pack)	6.5	12.24	0.8	2.8	3.6	○	○	○	○	○	●

Part Number	Insert code	W1 (mm)	LE (mm)	RE (mm)	D1 (mm)	S (mm)	P	M	K	H	S	N
310201	AOMT 123608 PM P20P (10 pcs/pack)	6.6	12	0.8	2.9	3.6	●	●	○	○	○	○

Modular milling tool with thread



Modular milling tool with thread													
Part number	Type	DCON _{ms} (mm)	M1	DCON _{ws} (mm)	L1 (mm)	L2 (mm)	Lc (mm)	LF (mm)	D1 (mm)	Max RPM	Balancing ^a		
310187	STMD M25-190 25 M12-12.5 C	25 h6	M12x1.75	12.5	7	18	57	190	23	24000	NO	0.7	
310188	STMD M32-236 32 M16-17.0 C	32 h6	M16x2	17	7	20	62	236	30	15000	NO	1.2	

a - with a floating mass and naturally not balanced

MMA



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