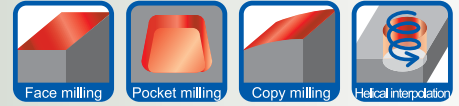


NEW RDMT-ML insert for Aerospace tooling

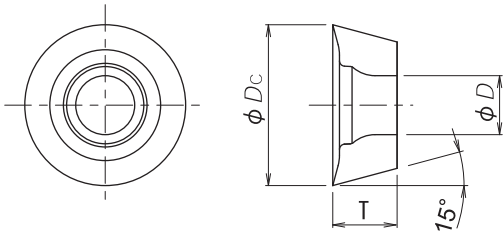


- Adopted tough grade "JC8050" and chip breaker with high rake angle.
- Possible to **high efficient machining for turbine blade and aircraft parts.**
- Apply for stainless steel and Ti-alloy.

With chip breaker

R Honing

For stainless & Ti alloy



■ Cutting data

Gauge length: 200mm		Work	Part name	Turbine blade
			Material	Ti-6Al-4V
			Hardness	—
Result	DIJET reduced the cutting force and showed less chatter than competitor H. And DIJET finished the entire job by one tool in 100min.	Tool	Tool No.	HDM-5200-75R-12 (φ50.8)
			Insert No.(Grade)	RDMT1204MOE-ML (JC8050)
Result	DIJET reduced the cutting force and showed less chatter than competitor H. And DIJET finished the entire job by one tool in 100min.	Cutting conditions	n, Vc	315 (min ⁻¹), 44.3 (m/min)
			Vf	458 (mm/min)
			ap	0.8mm
			ae	—
			Coolant	Water soluble
		Machine	Vertical MC	

Cat. No.	Tolerance	Coated	Dimensions (mm)		
		NEW JC8050	φDc	T	φD
RDMT1004MOE-ML	M	●	10	4.1	4.4
RDMT1204MOE-ML	M	●	12	4.8	4.4

10 inserts per case.



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WARNING:

- Grinding produces hazardous dust. To avoid adverse health, use adequate ventilation and read Material Safety Data Sheet first.
- Cutting tools may fragment in use. Wear eye protection in the vicinity of their operation.

● Specification shall be changed without notice.