FOR CUTTING BARS

QTM STS 2.0

- QTM STS 2.0 has an excellent tool life through superior wear resistances and unfluctuating cutting abilities. It also provides silent work environments and benefit of low cost by less noisy and high quality cutting technologies.
- Application: carbon steel, alloy steels, bars.
- Cutting Parameters: Vc : 70~130m/min fz : 0.04~0.08㎜/T

QTM SUS 2.0

- QTM SUS 2.0 is specialized for cutting stainless.
  The advantage is improving heat resistances, abrasion resistance and reducing cutting loads.
- Application: SUS304, SUS316, bars
- Cutting Parameters: Vc : 50~100m/min fz : 0.04~0.06㎜/T

FOR CUTTING PIPES

QTM STT 2.0

- QTM STT 2.0 appropriates for cutting steel pipes. It is designed to minimize damage from chips inside the pipe and reduce vibration to ensure tool life.
- Application: Carbon steels, Alloy steels, pipes
- Cutting Parameters: Vc : 100~150m/min fz : 0.03~0.09㎜/T

QTM SUT 2.0

- QTM SUT 2.0 is designed for an easy chip evacuation.
  It specialized to cut stainless steel pipes. in addition, it is able to reduce cutting loads and improve quality through PVD coating.
  It has a precision machining for excellent surface finish.
- Application: Stainless steels, pipes, Duplex pipes
- Cutting Parameters: Vc : 50~70m/min fz : 0.03~0.06㎜/T

FOR CUTTING PLATES

QTM STP 2.0

- QTM STP2.0 is specialized for cutting steel plates. It can reduce the heat build-up, fatigue and cutting load of the saw blade due to continuous cutting operations, thereby increasing the service life and improving the cutting surface roughness.
- Application: Carbon steels, Alloy steels, mold steels, plates
- Cutting Parameters: Vc : 70~130m/min fz : 0.03~0.1㎜/T

QTM SUP 2.0

- QTM SUP2.0 is specialized for cutting stainless steel plates. The tool life is improved via minimizing the material fusion phenomenon with PVD coating.
- Application: stainless steel, plates
- Cutting Parameters: Vc : 50~70m/min fz : 0.03~0.06㎜/T

OPTIMUM NUMBER OF TEETH FOR CUTTING MATERIAL DIAMETER

Saw Blade		Material Dimension in mm																														
CD	No. teeth	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	160
250	54																															
	60																															
	72																															
	80																															
285	60																															
	72																															
	80																															
360	60																															
	80																															
	100																															
	120																															
420	50																															
	60																															
	80																															
	100																															
460	40																															
	60																															
	80																															
560	44																															
	60																															