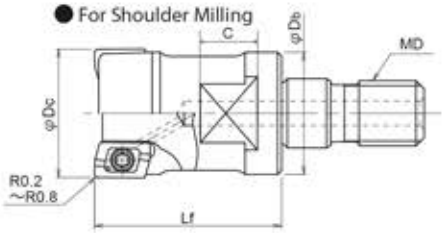
QM MILL — MPM TYPE

G-Body

Through Coolant Hole



BODY

Cat. No.	Stock	No. of flutes	Dimensions(mm) φDc	Lf	φDb	MD	C	W	Inserts	Parts: Clamp Screw	Parts: Wrench
MPM-2010-M6	●	2	10	18	9.5	M6	6.5	8	EO※※0602※※Z※R ZOMT0602※※ZER	DSW-1840H	A-06
MPM-2011-M6	●	2	11	18	9.7	M6	6.5	8			
MPM-3012-M6	●	3	12	20	11.2	M6	6.5	8			
MPM-3013-M6	●	3	13	20	11.5	M6	6.5	8			
MPM-4016-M8	●	4	16	23	15	M8	6.5	12			
MPM-4017-M8	●	4	17	23	15	M8	8	12			
MPM-5020-M10	●	5	20	30	19	M10	8	14			
MPM-5021-M10	●	5	21	30	19	M10	9	14			
MPM-6025-M12	●	6	25	35	23.6	M12	9	17			
MPM-7030-M16	□	7	30	43	29	M16	10	22			
MPM-8032-M16	●	8	32	43	29	M16	12	22			

Note) 1. Please refer page B092-B106 for recommended cutting conditions.
2. All cutters are supplie dwithout inserts
3. Please refer page B009 for recommended tightening torque

Arbor B193

Clamp Screw	Recommended torque (N•m)
DSW-1840H	0.4

QM Mill — PME TYPE

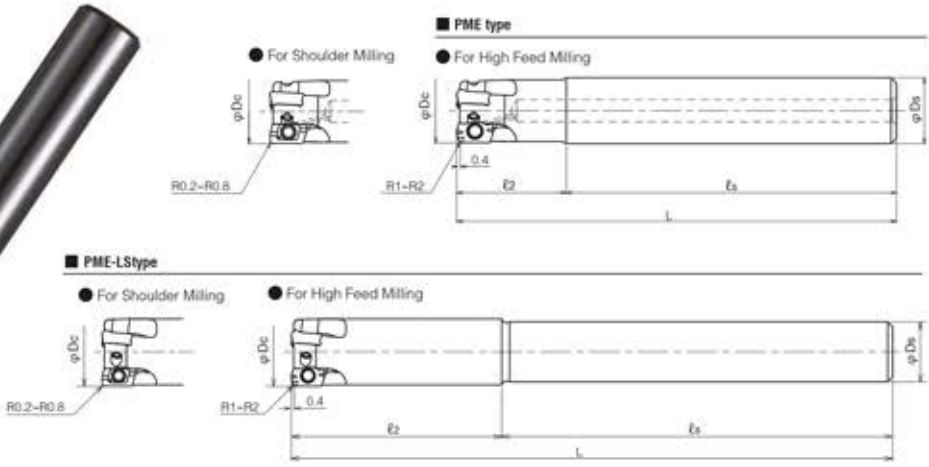
QM Quick & Mini MILL

Low cutting force

Adopted unique 3D geometry insert with low cutting force and multi blades.
Even if small insert, QM MILL achieved high speed and high efficient machining.
Possible to use on low power and compact machines such as BT30.

Multi blades

Diameter 10 mm: 2 flutes and diameter 14 mm: 3 flutes



BODY

Type	Cat. No.	Stock	No. of inserts	Coolant hole	Dimensions (mm) φDc	ℓ2	ℓs	L	φDs	Applicable inserts	Parts: Clamp screw	Parts: Wrench
Regular type	PME2010S10	●	2	With	10	20	60	80	10	EO**0602**Z*R ZOMT0602**ZER	DSW-1840H	A-06
	PME3012S12	●	3		12	20	60	80	12			
	PME3014S12	●	3		14	20	60	80	12			
Long shank type	PME2011S10-LS	●	2	Without	11	33	87	120	10			
	PME3013S12-LS	●	3		13	39	81	120	12			
	PME3014S12-LS	□	3		14	42	78	120	12			

Note) 1. All cutters are supplied without inserts.
2. Please refer page C095-C098 for recommended cutting conditions.

Modular Head Type Please refer Page B090

Clamp Screw	Recommended Torque N·m
DSW-1840H	0.4

● : Standard stock items □ : Stock in Japan ○ : Soon to be deleted

QM MILL — MPM TYPE

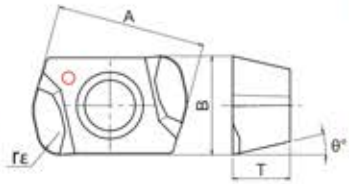
MPM / PME TYPE

■ INSERTS

High feed insert

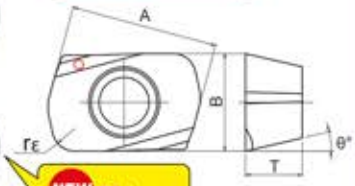
Grade (JC7560)

Cutting condition B092~B094



High hardened steel

Cutting condition B095~B096

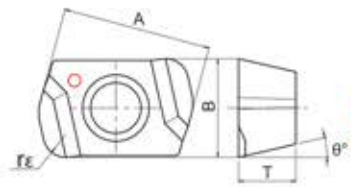


NEW R2 type

High feed insert for unfavourable condition

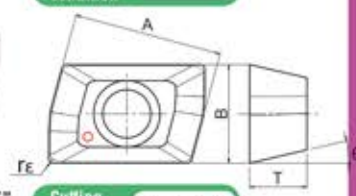
Grade (JC7560)

Cutting condition B092~B094



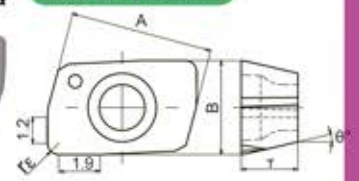
Shoulder milling insert

Cutting condition B097~B099



NEW "MIRROR INSERT" for finishing side & bottom face

Cutting condition B101~B106

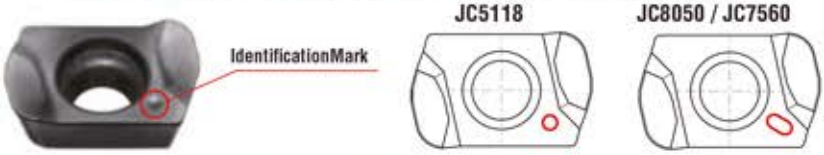


Type	Cat. No.	Tole-rance	PVD coated						Dimensions (mm)				
			JC5118	JC8015	DH102	JC7560	JC8050	JC8118	A	T	B	rε	θ°
High feed insert	EOMT060210ZER	M	○			●	●	●	6.5	2.5	4.3	1.0	13°
	EOMT060220ZER	M	○				●	●	6.5	2.5	4.3	2.0	13°
High feed insert for unfavourable condition	EOMW060210ZER	M	○			●	●	●	6.5	2.5	4.3	1.0	13°
High hardened steel	EOHW060210ZTR	H			●			●	6.5	2.5	4.3	1.0	13°
	NEW EOHW060220ZTR	H			●			●	6.5	2.5	4.3	2.0	13°
Shoulder milling insert	ZOMT060202ZER	M	●				●		6.5	2.5	4.3	0.2	13°
	ZOMT060204ZER	M	●				●		6.5	2.5	4.3	0.4	13°
	ZOMT060208ZER	M	●				●		6.5	2.5	4.3	0.8	13°
"Mirror Insert" for finishing side & bottom face	NEW YOHW060203ZER-12	H		●	●				6.5	2.6	4.3	0.3	13°
	NEW YOHW060205ZER-12	H		●	●				6.5	2.6	4.3	0.5	13°
	NEW YOHW060208ZER-12	H		●	●				6.5	2.6	4.3	0.8	13°

10 inserts per case.

Identification of grade for QM MILL insert

Identification for the grades has been defined by different mark.



● Standard stock items ☐ Stock in Japan ◎: Soon to be stocked ○: Soon to be deleted