

MQT
TYPE

High precision "QM MAX"



- 3 different angled bodies (0°, 3°, and 5°) that cover a range of tapered walls from 0° ~ 8°
- Possible to use even on 3 axis machine with 3° or 5° angled body ; A03 type or A05 type
- High tolerance insert-pocket for the ground inserts
- High efficiency with multi flutes



Fig.1

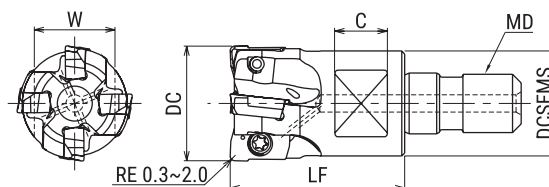
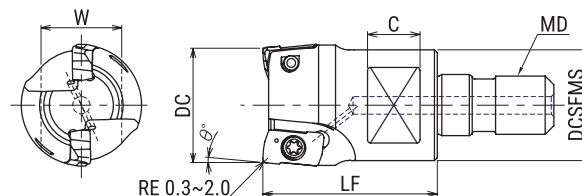


Fig.2



Inclination angle θ°	Cat.No.	Stock	No. of inserts	Dimensions (mm)						Parts		Insert	Fig.	
				DC	LF	DCSFMS	MD	C	W	Screws	Wrench			
0°	MQT-2016A00-M8	●	2	16	23	14	M8	8	12	TSW-2556H	A-08	XP**100308ZER-R YPHW1003**Z*R-** ZPMT1003**ZER-PL	1	
	MQT-4020A00-M10	●	4	20	30	18	M10	9	14				1	
	MQT-5025A00-M12	●	5	25	35	22.5	M12	10	17	DSW-2563H			1	
	MQT-6032A00-M16	●	6	32	43	29	M16	12	22				1	
	MQT-6035A00-M16	●	6	35	43	29	M16	12	22				1	
3°	MQT-2016A03-M8	●	2	16	23	14	M8	8	12	TSW-2556H			2	
	MQT-2020A03-M10	●	2	20	30	18	M10	9	14				2	
5°	MQT-2016A05-M8	●	2	16	23	14	M8	8	12					2
	MQT-2020A05-M10	●	2	20	30	18	M10	9	14					2

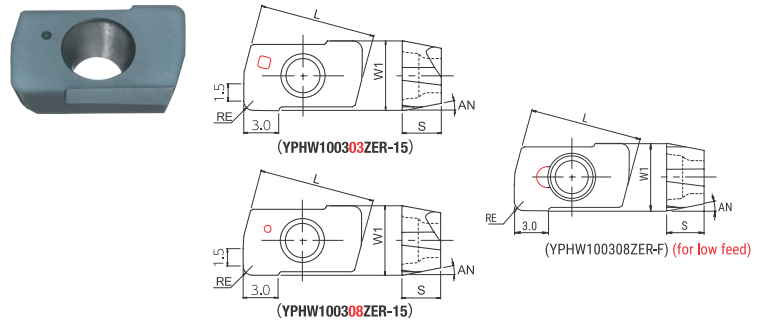
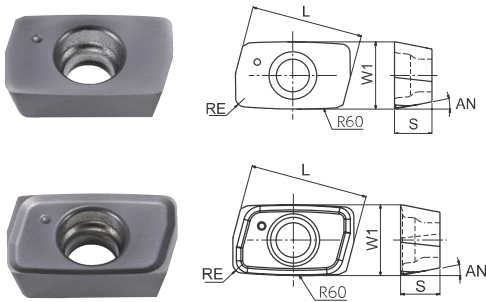
Clamp screw	Torque(N.m)
TSW-2556H	1.1
DSW-2563H	

MQT TYPE

Insert

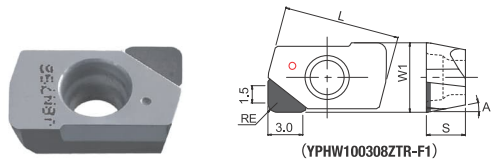
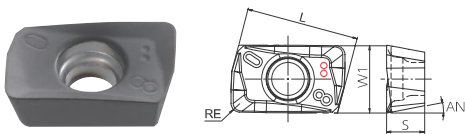
For tapered wall finishing
(XPHW100308ZER-R)
(XPHT100308ZER-R)

For finishing side face
(YPHW1003**ZER-15)
(YPHW100308ZER-F)
(YPHW100308ZTR-F1)



Shoulder milling insert
(for semi-finishing to finishing)
ZPMT1003**ZER-PL*

CBN Insert



Type	Cat.No.	Tolerance	PVD Coating				Cermet	CBN	Dimensions (mm)				
			DH102	JC8015	JC8050	JC8118			RE	L	W1	S	AN
For Tapered wall finishing	XPHW100308ZER-R	H	●	●			●		0.8	10.06	6	3.35	11°
	XPHT100308ZER-R	H		●			●		0.8	10.06	6	3.35	11°
For Finishing side face	YPHW100303ZER-15	H	●	●			●		0.3	10.06	6	3.35	11°
	YPHW100308ZER-15	H	●				●		0.8	10.06	6	3.35	11°
	YPHW100308ZER-F	H		●					0.8	10.06	6	3.35	11°
	YPHW100308ZTR-F1	H						○	0.8	10.06	6	3.35	11°
Shoulder milling insert (for semi-finishing to finishing)	ZPMT100304ZER-PL	M	●		●	●	●		0.4	10.08	6	3.4	11°
	ZPMT100308ZER-PL	M	●		●	●	●		0.8	10.08	6	3.4	11°
	ZPMT100320ZER-PL	M	●		●	●	●		2	10.08	6	3.4	11°