

UNIMAX Vol.15 MILLING CONDITION REVISION _ APR-2014

[Catalog P.322]



Size $\phi 0.4 \sim \phi 3.5$

UDCMX



NEW

Additional 8 models
 $\phi 3 \sim \phi 3.5$ Launching in January 2014

Total 15 models

Unit (mm)

Model Number	Diameter ϕD	Flute Length ℓ	Overall Length L	Shank Diameter ϕd	Price (¥)	Cemented Carbide		
						Spindle Speed (min ⁻¹)	Feed Rate (mm/min)	Step Amount (mm)
UDCMX 2040-040	0.4	4	38	3	18,000	12,000	5	0.05
UDCMX 2050-050	0.5	5	38	3	18,000	10,000	5	0.05
UDCMX 2060-060	0.6	6	38	3	18,000	8,000	5	0.05
UDCMX 2070-070	0.7	7	38	3	18,000	7,000	5	0.05
UDCMX 2080-080	0.8	8	38	3	18,000	6,000	7.5	0.05
UDCMX 2090-090	0.9	9	38	3	18,000	5,500	7.5	0.05
UDCMX 2100-100	1	10	38	3	18,000	5,000	7.5	0.05
※ UDCMX 2150-100	1.5	10	38	3	18,000	3,200	6	0.1
※ UDCMX 2160-100	1.6	10	38	3	18,000	3,000	6	0.1
※ UDCMX 2200-100	2	10	38	3	18,000	2,400	5	0.15
※ UDCMX 2210-100	2.1	10	38	3	18,000	2,300	5	0.15
※ UDCMX 2250-100	2.5	10	38	3	18,000	2,000	5	0.2
※ UDCMX 2300-100	3	10	38	3	18,000	1,600	5	0.25
※ UDCMX 2330-120	3.3	12	50	4	20,000	1,500	5	0.3
※ UDCMX 2350-120	3.5	12	50	4	20,000	1,400	5	0.35

Revised!

Unit (mm)

Cemented Carbide		
Spindle Speed (min ⁻¹)	Feed Rate (mm/min)	Step Amount (mm)
20,000	5	0.05
15,000	5	0.05
11,500	5	0.05
9,000	5	0.05
7,300	7.5	0.05
6,000	7.5	0.05
5,000	7.5	0.05
3,200	6	0.1
3,000	6	0.1
2,400	5	0.15
2,300	5	0.15
2,000	5	0.2
1,100	3.7	0.25
1,000	3.4	0.3
910	3.3	0.35

No Change

※Additional model

* $\phi 0.4 \sim \phi 1$ models have appeared on the UDC series leaflet published in October 2013.

*Revised and reduced the spindle speed for better tool life.