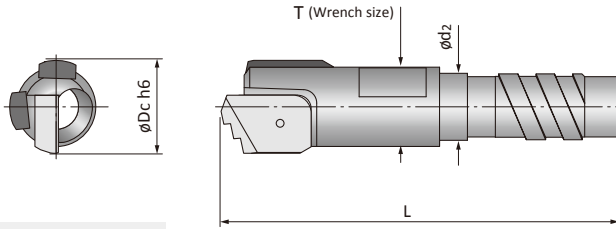


### TYPE MBU

Thread	Dia. (mm)	Rework service	Use
Outer	8.00 - 14.79	No	Small hole drilling with high productivity



Tolerance: IT9  
Surface roughness: Ra 2 $\mu$ m

**Improves productivity in small hole drilling**  
STS drilling improves productivity in small hole drilling compared to gundrill

**Good chip evacuation**  
3 step cutting edge breaks chip effectively and large chip mouth eliminates chip jamming

**Rigid interface**  
Unique double pilot interface ensures high rigidity

## Product description chart

Dia. Dc (mm) Tolerance h6	Drill head main code	Drill tube		Dimensions (mm)		
		Code	Dia.(mm)	L	d <sub>2</sub>	T
8.00 - 8.99	<b>MBU-0899</b>	UMBB071	7.1	34	6	6
9.00 - 9.99	<b>MBU-0999</b>	UMBB083	8.3	34	7.2	7
10.00 - 10.99	<b>MBU-1099</b>	UMBB090	9.0	34	7.6	8
11.00 - 11.99	<b>MBU-1199</b>	UMBB100	10.0	34	8.6	9
12.00 - 13.49	<b>MBU-1349</b>	UMBB110	11.0	34	9.1	10
13.50 - 14.79	<b>MBU-1449</b>	UMBB120	12.0	34	10.8	11

Note: The drill tube interface is designed with double pilot which is unique to UNITAC. A UNITAC drill tube UMBB must be used with the MBU drill heads. Refer to page 20.

## Grade

See page 9 for grade selection chart

Grade	(Previous Grade)	ISO area							
		5	10	15	20	25	30	35	40
<b>P</b>	1122 (PC ZAP)								
<b>M</b>	3112 (TF ZAP)								
<b>K</b>	3112 (TF ZAP)								
<b>N</b>	3112 (TF ZAP)								
<b>S</b>	3112 (TF ZAP)								

• A drill head without coating also available upon request. Please contact us for more detail.

### Ordering example

MBU -           -

Drill head main code      Diameter (mm)      Grade

Ordering example : MBU-1099 10.11-1122 20 pcs

⚠ Be sure to use a wrench to tighten drill properly to bar.  
• For your safety, do not touch the tool or the workpiece when in operation.