

MAX

15мРа

High-pressure cleaning tool for machining center

Boost Master BMA



CHANGING THE STANDARD IN THE MACHINING PROCESS.

Increased pressure and spray of coolant. ATC compatible high pressure cleaning tool.



See Boost Master in action!

NT TOOL CORPORATION

High-pressure cleaning tool for machining center PATP

Boost Master BMA

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Remove chips with precision aim. Remove chips in 0.5 sec (Dia.7, depth 100 mm).

Consolidate operations and improve work.

Implement energy and space saving. There is no requirement for an extra high-pressure pump or cooling device.



Mechanisms



Specifications

Recommended Application Environment

Innut	Recommended Rotation Speed *1	6,000min ⁻¹				
(M/C output)	Coolant filtration filter	10µm or less is recommended.				

Oil skimmer or other oil removal equipment is recommended. Do not use this product on machines that process castings. Casting powder in the coolant may significantly reduce the product life.

Specifications (standard specifications)

	Coolant input pressure	7.0MPa or less					
Input (M/C output)	Coolant inflow rate	3L/min or more					
(M/C output)	Coolant temperature	40°C or less					
	Max. coolant discharge pressure	15MPa					
Output	Discharge flow rate (at 15MPa)	1.23L/min					
	Standard nozzle hole diameter	0.4 mm					
Other	Coolant used	Water-soluble only (Dilution density 10 % or less)					

Spindle speed and discharge pressure



Example



Example of special products



Replacement pump unit



Code	Model	D	D1	L	Nozzle diameter
2974 00101001	BMA-GP-1	56	70	64.5	0.4

The pump unit is a consumable item. Use a replacement pump unit as needed.



BT Shank		WBT Shank												
Code	Model	Code	Code Model		D1	D2	L	L1	L2	S	Т	В	Standard nozzle diameter	kg
2970 0011162*	BT30-BMA-162-*	3380 0011162*	WBT30-BMA-162-*	50	70	12	(174)	162	88	60	73	6	0.4	2.5
2970 0013168*	BT40-BMA-168-*	3380 0013168*	WBT40-BMA-168-*	50	70	18	(179)	168	106	65	81	9	0.4	3.1
2970 0015177*	BT50-BMA-177-*	3380 0015177*	WBT50-BMA-177-*	50	70	18	(188)	177	115	80	96	9	0.4	5.5

1. The pump unit is a consumable item. Use a replacement pump unit as needed.

2. When ordering, enter the product code and the plunger No. in the * section of the model number.



Code	Model	D	D1	D2	L	L1	L2	S	т	В	Standard nozzle diameter	kg
5940 1410165*	HSK 50A - BMA - 165 - *	50	70	12	(177)	165	91	50	63	6	0.4	2.5
5940 7510166*	HSK 63A - BMA - 166 - *	50	70	18	(178)	166	105	65	81	9	0.4	2.7
5940 7710167*	HSK100A - BMA - 167 - *	50	70	18	(178)	167	105	80	96	9	0.4	4.1

1. The pump unit is a consumable item. Use a replacement pump unit as needed.

2. When ordering, enter the product code and the plunger No. in the * section of the model number.

3. HSK63A, HSK100A have manual clamp holes in the shank.

HEAD OFFICE : www.nttool.com (Web in English available)

TOOL CORPORAT ЮГ NT USA CORPORATION : www.nttoolusa.com EUROPE OFFICE : www.nttooleurope.com

TECHNO MAIL technomail@nttool.co.jp For techical question, please contact us by technomail.