

※SBT type is tooling compatible with BT2 face-contact spindle. (BT type is also supported.)

※Plated specifications are also available, please let us know.

MODEL	ϕd GRIPPING RANGE	L	ϕC	G	F		COLLET	ADJUST SCREW	N/W (kg)
					MIN.	MAX.			

Max. 12,000 min⁻¹

SBT30	-CTM07-090	0.5 ~ 7	90	23	M6×1	25	65	CR07-(D)		0.6
	-CTM10-060		60			55			0.6	
	-090	0.5 ~ 10	90	32	M10 × 1.5	30	75	CR10-(D)	OR-M10	0.8
	-120		120						0.9	
	-CTM13-060	0.5 ~ 13	60	36	M12 × 1.5	35	55	CR13-(D)	OR-M12	0.6
	-090		90		70		0.8			
	-120		120				1.0			
	-CTM16-060	1~16	60	44	M18 × 1.5	40	40	CR16-(D)	OR-M18	0.6
	-090		90		60		0.9			
	-120		120		65		1.2			
	-CTM20-075	1.5 ~ 20	75	52	M18 × 1.5	40	50	CR20-(D)	OR-M18	0.8
	-090		90		65		1.0			
	-120		120		70		1.3			

Max. 12,000 min⁻¹

SBT40	-CTM07-090	0.5 ~ 7	90	23	M6×1	25	65	CR07-(D)		1.2
	-CTM10-060		60	32			M10 × 1.5	30		70
	-090	90	75		1.3					
	-120	120	1.5							
	-CTM13-060	0.5 ~ 13	60	36	M12 × 1.5	35	70	CR13-(D)	OR-M12	1.1
	-090		90				85			1.4
	-120		120				1.6			
	-CTM16-060	1~16	60	44	M18 × 1.5	40	60	CR16-(D)	OR-M18	1.1
	-090		90				65			1.4
	-120		120				1.7			
	-CTM20-060	1.5 ~ 20	60	52	M24 × 1.5	40	60	CR20-(D)	OR-M24	1.1
	-090		90				70			1.5
	-120		120				1.9			

NOTE:

1. Collet and Chuck wrench and adjust screw are sold separately.

2. CROH collet is used for thru-the-tool coolant application. To supply coolant alongside the cutter, OH nut is used.

3. The above-mentioned maximum speed will vary depending on rigidity of machine and balance of cutter.

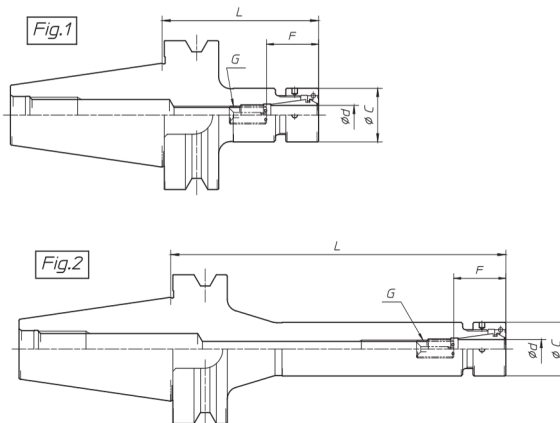
An adequated cutting condition should be selected for each case.

SBT SERIES

COLLET CHUCK

Thru-the-tool Coolant Available

センタースルー対応



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MODEL		FIG	ød GRIPPING RANGE	L	øC	G	F		COLLET	ADJUST SCREW	N/W (kg)
							MIN.	MAX.			
Max. 8,000min-1											
SBT50	-CTM07-090	1	0.5 ~ 7	90	23	M6×1	25	65	CR07-(D)		3.7
	-CTM10-075	1	0.5 ~ 10	75	32	M10 × 1.5	30	75	CR10-(D)	OR-M10	3.8
	-105							3.9			
	-135							4.1			
	-165							4.3			
	-195							4.4			
	-225							5.0			
	-255	2		255							5.1
	-285			285					5.5		
	-CTM13-075	1	0.5 ~ 13	75	36	M12 × 1.5	35	85	CR13-(D)	OR-M12	3.8
	-105							4.0			
	-135							4.2			
	-165							4.4			
	-195							4.6			
	-225							5.2			
	-255	2		255							5.4
	-285			285					5.9		
	-CTM16-075	1	1~16	75	42	M18 × 1.5	40	85	CR16-(D)	OR-M18	3.8
	-105							4.1			
	-135							4.3			
	-165							4.6			
	-195							4.9			
	-225							5.6			
	-255	2		255							6.0
	-285			285					5.6		
	-CTM20-075	1	1.5 ~ 20	75	52	M24 × 1.5	40	70	CR20-(D)	OR-M24	3.8
	-105							4.2			
	-135							4.6			
	-165							5.0			
	-195							5.3			
	-225							5.7			
	-255	2		255							6.1
	-285			285					6.6		

NOTE:

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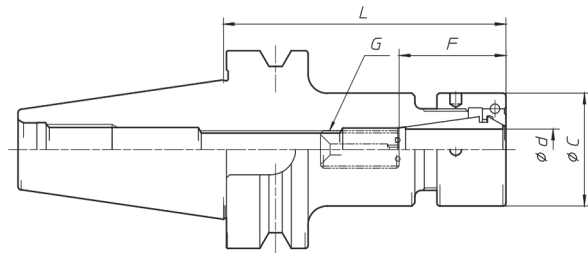
An adequated cutting condition should be selected for each case.

SBT SERIES

COLLET CHUCK (G TYPE)

Thru-the-tool Coolant Available

センタースルー対応



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MODEL		ød GRIPPING RANGE	L	øC1	G	F		COLLET	ADJUST SCREW	N/W (kg)
						MIN.	MAX.			
Max. 25,000min-1										
SBT30	-CTM07-090G	0.5 ~ 7	90	23	M6×1	25	65	CR07-(D)		0.6
	-CTM10-060G	0.5 ~ 10	60	32	M10 × 1.5	30	55	CR10-(D)	OR-M10	0.6
	-090G		90				75			0.8
	-120G		120							0.9
	-CTM13-060G	0.5 ~ 13	60	36	M12 × 1.5	35	55	CR13-(D)	OR-M12	0.6
	-090G		90				70			0.8
	-120G		120							1.0
	-CTM16-060G	1~16	60	44	M18 × 1.5	37	40	CR16-(D)	OR-M18	0.6
	-090G		90			40	60			0.9
	-120G		120				65			1.2
	-CTM20-075G	1.5 ~ 20	75	52	M18 × 1.5	40	50	CR20-(D)	OR-M18	0.8
	-090G		90				65			1.0
	-120G		120				70			1.3

Max. 25,000min-1

SBT40	-CTM07-090G	0.5 ~ 7	90	23	M6×1	25	65	CR07-(D)		1.2
	-CTM10-060G	0.5 ~ 10	60	32	M10 × 1.5	30	70	CR10-(D)	OR-M10	1.1
	-090G		90				75			1.3
	-120G		120							1.5
	-CTM13-060G	0.5 ~ 13	60	36	M12 × 1.5	35	70	CR13-(D)	OR-M12	1.1
	-090G		90				85			1.4
	-120G		120							1.6
	-CTM16-060G	1~16	60	44	M18 × 1.5	35	60	CR16-(D)	OR-M18	1.1
	-090G		90				65			1.4
	-120G		120							1.7
	-CTM20-060G	1.5 ~ 20	60	52	M24 × 1.5	40	60	CR20-(D)	OR-M24	1.1
	-090G		90				70			1.5
	-120G		120							1.9

NOTE:

1. Collet and Chuck wrench and adjust screw are sold separately.

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3. The above-mentioned maximum speed will vary depending on rigidity of machine and balance of cutter.

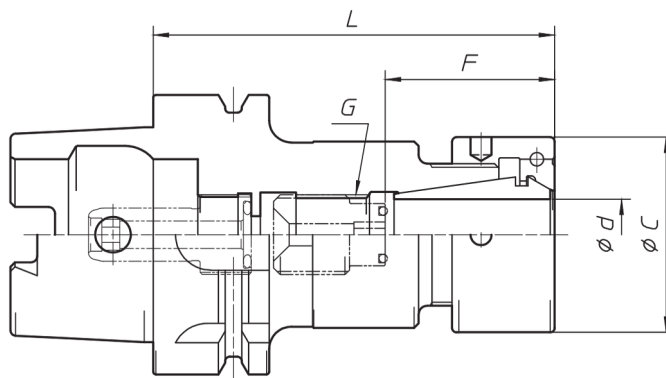
An adequated cutting condition should be selected for each case.

HSK SERIES

COLLET CHUCK

Thru-the-tool Coolant Available

センタースルー対応



MODEL	ød GRIPPING RANGE	L	øC	G	F		COLLET SIZE	ADJUST SCREW	N/W (kg)
					MIN.	MAX.			

Max. 20,000min-1

HSKA50	-CTM07-090	0.5 ~ 7	90	23	M6×1	25	40	CR07-(D)		0.7
	-CTM10-090	0.5 ~ 10	90	32	M10 × 1.5	30	43	CR10-(D)	OR-M10	0.8
	-120		120				60			0.9
	-CTM13-090	0.5 ~ 13	90	36	M12 × 1.5	35	43	CR13-(D)	OR-M12	0.8
	-120		120				65			1.0
	-CTM16-090	1~16	90	44	M18 × 1.5	35	43	CR16-(D)	OR-M18-25	0.9
	-120		120				70			1.2
	-CTM20-090	1.5 ~ 20	90	52	M24 × 1.5	38	43	CR20-(D)	OR-M24-25	1.0
	-120		120				70			1.3

Max. 20,000min-1

HSKA63	-CTM07-090	0.5 ~ 7	90	23	M6×1	25	40	CR07-(D)		1.2
	-CTM10-090	0.5 ~ 10	90	32	M10 × 1.5	30	40	CR10-(D)	OR-M10	1.3
	-120		120				60			1.5
	-CTM13-090	0.5 ~ 13	90	36	M12 × 1.5	35	40	CR13-(D)	OR-M12	1.4
	-120		120				65			1.6
	-CTM16-090	1~16	90	44	M18 × 1.5	35	40	CR16-(D)	OR-M18-25	1.4
	-120		120				70			1.7
	-CTM20-090	1.5 ~ 20	90	52	M24 × 1.5	38	41	CR20-(D)	OR-M24-25	1.5
	-120		120				70			1.9

Max. 8,000min-1

HSKA100	-CTM07-105	0.5 ~ 7	105	23	M6×1	25	65	CR07-(D)		2.3
	-CTM10-105	0.5 ~ 10	105	32	M10 × 1.5	30	48	CR10-(D)	OR-M10	2.4
	-135		135				64			2.6
	-CTM13-105	0.5 ~ 13	105	36	M12 × 1.5	35	48	CR13-(D)	OR-M12	2.5
	-135		135				65			2.7
	-CTM16-105	1~16	105	44	M18 × 1.5	40	49	CR16-(D)	OR-M18-25	2.6
	-135		135				69			2.8
	-CTM20-105	1.5 ~ 20	105	52	M24 × 1.5	40	49	CR20-(D)	OR-M24-25	2.7
	-135		135				69			3.1

NOTE:

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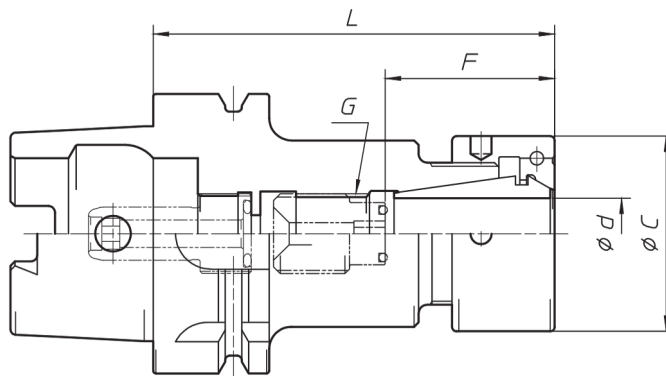
3. The above-mentioned maximum speed will vary depending on rigidity of machine and balance of cutter.

An adequate cutting condition should be selected for each case.

COLLET CHUCK (G TYPE)

Thru-the-tool Coolant Available

センタースルー対応



MODEL		ød GRIPPING RANGE	L	øC	G	F		COLLET SIZE	ADJUST SCREW	N/W (kg)
						MIN.	MAX.			
Max. 27,000min-1										
HSKA50	-CTM07-090G	0.5 ~ 7	90	23	M6×1	25	40	CR07-(D)		0.7
	-CTM10-090G	0.5 ~ 10		32	M10 × 1.5	30	43	CR10-(D)	OR-M10	0.8
	-CTM13-090G	0.5 ~ 13		36	M12 × 1.5	35		CR13-(D)	OR-M12	0.8
	-CTM16-090G	1~16		44	M18 × 1.5			CR16-(D)	OR-M18-25	0.9
	-CTM20-090G	1.5 ~ 20		52	M24 × 1.5	38		CR20-(D)	OR-M24-25	1.0
Max. 27,000min-1										
HSKA63	-CTM07-090G	0.5 ~ 7	90	23	M6×1	25	40	CR07-(D)		1.2
	-CTM10-090G	0.5 ~ 10		32	M10 × 1.5	30		CR10-(D)	OR-M10	1.3
	-CTM13-090G	0.5 ~ 13		36	M12 × 1.5	35		CR13-(D)	OR-M12	1.4
	-CTM16-090G	1~16		44	M18 × 1.5			CR16-(D)	OR-M18-25	1.4
	-CTM20-090G	1.5 ~ 20		52	M24×1.5	38	41	CR20-(D)	OR-M24-25	1.5

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