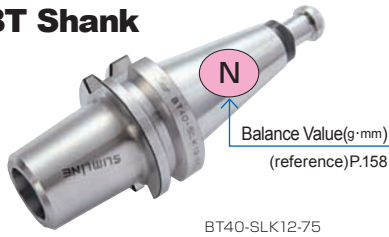
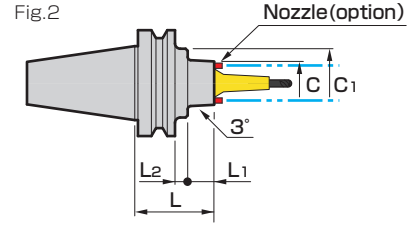
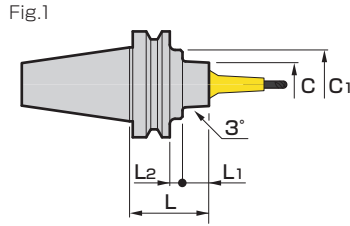


Master Holder

BT Shank



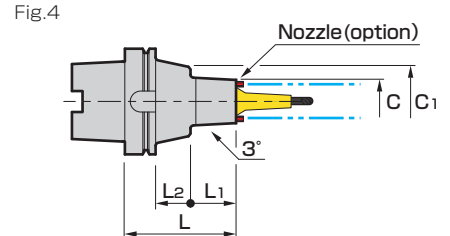
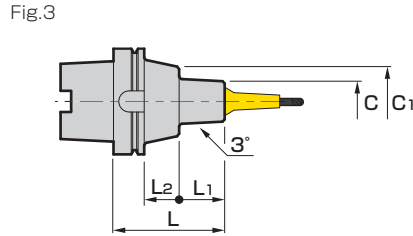
BT40-SLK12-75



HSK Shank



A63-SLK12-75F



CODE	Fig.	L	φC	L1	L2	φC1		N
BT30-SLK12- 35	1	35	38	13	-	-	0.4	1.0
BT40-SLK12- 45		45		18			1.1	1.4
- 45F	2		41					1.6
- 75	1	75	38	48			1.4	
- 75F	2		41					1.8
-135F		135		108			2.2	3.2
BT50-SLK12- 75	1	75	38	25	12	65	4.0	4.7
- 75F	2		41					4.9
-105F		105		55			4.4	5.3
-135F		135		85			4.7	5.7
-225	1	225	38	150	37		6.4	14.3
-315		315			127	90	11.0	31.3
A 50-SLK12- 75	3	75	38	49	-	-	0.8	9.6
A 63-SLK12- 75							1.0	5.0
- 75F	4		41				1.1	5.5
-135	3	135	38	109			1.7	8.5
-135F	4		41				1.9	8.6
A100-SLK12-105	3	105	38	43	33	65	3.4	20.7
-105F	4		41				3.5	20.8
-135F		135		73			3.8	21.1
-225	3	225	38	163		83	5.4	36.3
-315		315		150	136		6.4	46.5
E 50-SLK12- 75		75		49	-	-	0.8	2.9
F63M-SLK12- 75							1.0	3.4
DN40AD-SLK12- 45	1	45	38	13.8	12.1	45	1.0	4.6
- 45F	2		41	7.9	18			4.3
- 75	1	75	38	43.8	12.1		1.3	5.8
- 75F	2		41	55.9	-			5.5
DN50AD-SLK12- 75	1	75	38	40	15.9	70	3.4	12.6
- 75F	2						3.5	12.3
-135F		135	41	100			4.3	19.0
CAT. CT40-SLK12- 45	1	45 (1.77)	41 (1.61)	26 (1.02)	-	44.45 (1.75)	1.1 (2.4)	3.6
CT50-SLK12- 75		75 (2.95)	38 (1.50)	40 (1.57)	15.9 (.63)	70 (2.75)	3.3 (7.3)	8.0

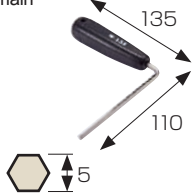
- Optional accessories ●Slimline collet ●Wrench ●Nozzle ●Retention knob (BT, DIN, CAT)
- Standard accessories ●Coolant duct (HSK)
- Note ●A dedicated retention knob is supplied with the BT30 as a standard accessory. When ordering, specify whether a MAS-1 or MAS-2 retention knob is required.
- Caution ●To fasten the BT30, use a commercially available 14 mm single-ended wrench.

Wrench

Required for clamping the main body and Slimline collet.

CODE

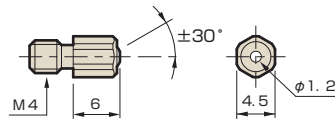
W-135



■ **NOTE** • To fasten the BT30, use a commercially available 14 mm single-ended wrench.

Nozzle(For F-type)

CODE	Q'ty
NOZ-M4-12	12
-60	60



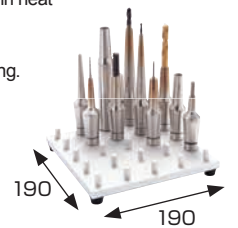
■ **NOTE** • Four nozzles are required for each master holder.

Collet stand

This compact stand can keep a maximum of 25 collets in neat and proper order. Made from aluminum, assuring superior cooling.

CODE

SDK-01



Retention knob with hole

There is no need to remove a retention knob with .236" diameter coolant-thru hole when tightening or loosening Slimline taper adapters.

Coolant-thru hole



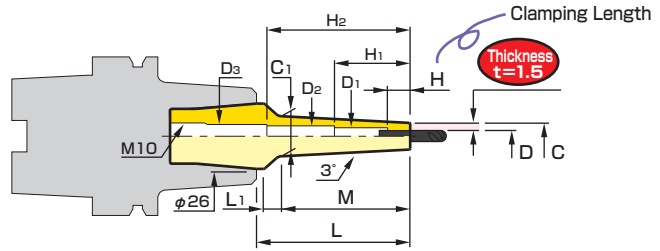
Metric

CS12 (Slim type)

Thickness = 1.5

Rigidity Value($\mu\text{m}/\text{kgf}$)
(reference)P.159

Balance Value($\text{g}\cdot\text{mm}$)
(reference)P.158



*The values below are given for the BT40-SLK12-45.
(The values below are comparable for any shank combination.)

CODE	ϕD	ϕC	Thickness t	L	M	L1	$\phi C1$	H	S	N	Kg	Max. insertion length	$\phi D1$	$\phi D2$	$\phi D3$	H1	H2
CS12- 3- 35	3	6	1.5	35	22	9.5	8.4	10	4.8	0.5	0.2	65	-	-	4	-	-
- 55				55	42		10.5		9.5			85					
- 80				80	67		13.1		15.0	0.7		110	4	6	8.6	39.4	74.3
-110				110	97		16.2		20.6	0.8		140					104.3
CS12-3 .175 - 35	3.175	6.175	1.5	35	22	9.5	8.5	10	4.6	0.5	0.2	65	-	-	4	-	-
- 55				55	42		10.6		9.0			85					
- 80				80	67		13.2		14.3	0.7		110	4	6	8.6	39.4	74.3
-110				110	97		16.4		19.7	0.8		140					104.3
CS12- 4- 35	4	7	1.5	35	22	9.5	9.4	12	3.8	0.5	0.2	65	-	-	5	-	-
- 55				55	42		11.5		7.5			85					
- 80				80	67		14.1		11.9	0.7		110	5	7	8.6	39.4	74.6
-110				110	97		17.2		16.6	0.9		140					104.6
CS12- 5- 35	5	8	1.5	35	22	9.5	10.4	15	3.0	0.5	0.2	65	-	-	6	-	-
- 55				55	42		12.5		6.0	0.6		85	6		8.6	49.3	
- 80				80	67		15.1		9.7	0.8		110					
-110				110	97		18.2		13.6	1.0		140					69.3
CS12- 6- 35	6	9	1.5	35	22	9.5	11.4	18	2.4	0.5	0.2	65	-	-	7	-	-
- 55				55	42		13.5		4.9	0.7		85	7		8.6	49.6	
- 80				80	67		16.1		8.0	0.8		110					
-110				110	97		19.2		11.4	1.0		140					69.6
CS12- 7- 35	7	10	1.5	35	22	9.5	12.4	20	2.0	0.6	0.2	65	-	-	8.6	-	-
- 55				55	42		14.5		4.1	0.7		85					
- 80				80	67		17.1		6.8	0.9		110					
-110				110	97		20.2		9.7	1.2	0.3	140					
CS12- 8- 35	8	11	1.5	35	22	9.5	13.4	25	1.6	0.6	0.2	65	-	-	8.6	-	-
- 55				55	42		15.5		3.4	0.7		85					
- 80				80	67		18.1		5.6	0.9		110					
-110				110	97		21.2		8.2	1.2	0.3	140					
CS12- 9- 35	9	12	1.5	35	22	9.5	14.4	30	1.4	0.7	0.2	60	-	-	9.6	-	-
- 55				55	42		16.5		2.9	0.9							
- 80				80	67		19.1		4.8	1.1							
-110				110	97		22.2		7.1	1.3	0.3						
CS12-10- 35	10	13	1.5	35	22	9.5	15.4	30	1.3	0.8	0.2	60	-	-	10.6	-	-
- 55				55	42		17.5		2.5	0.9							
- 80				80	67		20.1		4.3	1.1							
-110				110	97		23.2		6.2	1.4	0.3						
CS12-11- 35	11	14	1.5	35	22	9.5	16.4	30	1.1	0.9	0.2	60	-	-	11.6	-	-
- 55				55	42		18.5		2.3	1.0							
- 80				80	67		21.1		3.8	1.3							
-110				110	97		24.2		5.6	1.5	0.3						
CS12-12- 35	12	15	1.5	35	22	9.5	17.4	30	1.0	1.0	0.2	60	-	-	12.6	-	-
- 55				55	42		19.5		2.1	1.1							
- 80				80	67		22.1		3.5	1.4							
-110				110	-	-	-		5.0	1.3	0.3						