

CODE SYSTEM

※ Please specify the model no. of angle head and bracket set, when ordering

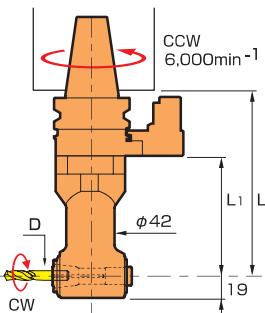
Master holder			Stationary bracket set		See P.40
Shank	Holder type	Dimension L	Positioning pin type	Dimension S	
BT40	HFA20	135	S	65	
+ DETa-1 Collet D7 / D12  Spring collet C10 / C20  Tap sleeve TA4 / TA6 / TA12  Positioning block  Retention knob 					

ANGLE HEAD HALF (HFD/HFA/HFT)

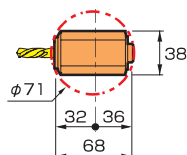
HFD7 / HFT4



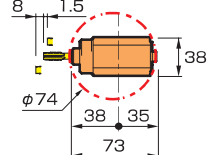
MAX.
6,000
min⁻¹



HFD7 For drilling



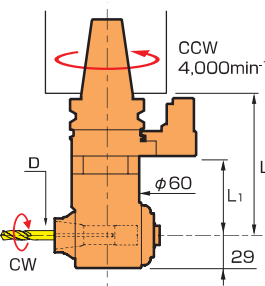
HFT4 For tapping



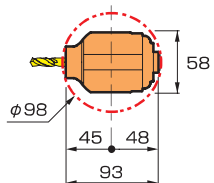
HFD12 / HFT6



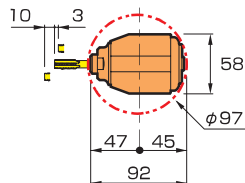
MAX.
4,000
min⁻¹



HFD12 For drilling

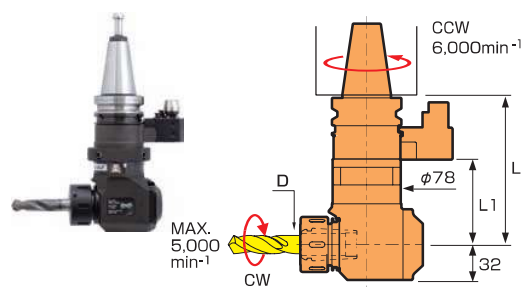


HFT6 For tapping

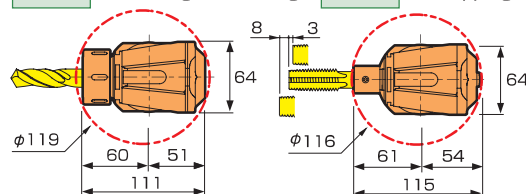


CODE	φD	L	L ₁	Kg (lbs)	
BT30 - HFD 7 - 122	1 ~ 7	122	70	2.3	D 7
- 182		182	130	3.0	
- HFD12 - 122	2.5~ 13	122	70	2.9	D 12
- HFT 4 - 122	M2~M 8			2.3	TA 4
- 182		182	130	3.0	
- HFT 6 - 122	M3~M12	122	70	2.9	TA 6
BT40 - HFD 7 - 120	1 ~ 7	120		3.0	D 7
- 180		180	130	3.3	
- HFD12 - 120	2.5~ 13	120	70	3.6	D 12
- 180		180	130	4.9	
BT HFA20 - 135	5.8~ 20	135	77	4.4	C 20
- 195		195	137	5.6	
- HFT 4 - 120	M2~M 8	120	130	3.0	TA 4
- 180		180		3.3	
- HFT 6 - 120	M3~M12	120	70	3.6	TA 6
- 180		180	130	4.9	
- HFT12 - 135	M3~M16	135	77	4.4	TA 6
- 195		195	137	5.6	TA12
BT50 - HFD 7 - 195	1 ~ 7	195	130	6.4	D 7
- 255		255	190	6.8	
- HFD12 - 135	2.5~ 13	135	70	6.3	D 12
- 195		195	130	7.6	
- 255		255	190	8.9	
- HFA20 - 150	5.8~ 20	150	77	7.1	C 20
- 210		210	137	8.3	
- 270		270	197	9.4	
- HFT 4 - 195	M2~M 8	195	130	6.4	TA 4
- 255		255	190	6.8	
- HFT 6 - 135	M3~M12	135	70	6.3	TA 6
- 195		195	130	7.6	
- 255		255	190	8.9	
- HFT12 - 150	M3~M16	150	77	7.1	TA 6
- 210		210	137	8.3	TA12
- 270		270	197	9.4	
A 63 - HFD 7 - 183	1 ~ 7	183	130	3.5	D 7
- 243		243	190	3.9	
- HFD12 - 123	2.5~ 13	123	70	3.3	D 12
- 183		183	130	4.7	
- 243		243	190	6.0	
- HFA20 - 198	5.8~ 20	198	137	5.4	C 20
- 258		258	197	6.5	
HSK HFT 4 - 183	M2~M 8	183	130	3.5	TA 4
- 243		243	190	3.9	
- HFT 6 - 123	M3~M12	123	70	3.3	TA 6
- 183		183	130	4.7	
- 243		243	190	6.0	
- HFT12 - 198	M3~M16	198	137	5.4	TA 6
- 258		258	197	6.5	TA12

HFA20 / HFT12



HFA20 For drilling • endmilling **HFT12** For tapping



- **Option**
 - DETa-1 Collet (For HFD) • Spring collet (For HFA)
 - Tap sleeve (For HFT) • Retention knob → P.37
 - Spanner KS-22 (HFD7, HFT4), KS-30 (HFD12, HFT6)
- **Standard Accessories**
 - Coolant duct (HSK-A) • Hexagonal wrench set
 - Spanner (For HFA)
- **Note**
 - Please specify the model no. of angle head and bracket set, when ordering.
 - Other shanks are also available upon request.

CODE	φD	L	L ₁	Kg (lbs)	
DN40A-HFD 7-135	1 ~ 7	135	70	3.1	D 7
-195		195	130	3.4	
-HFD12-135	2.5~ 13	135	70	3.7	D 12
-195		195	130	5.0	
-HFA20-150	5.8~ 20	150	77	4.7	C 20
-210		210	137	5.8	
-HFT 4-135	M2~M 8	135	70	3.1	TA 4
-195		195	130	3.4	
-HFT 6-135	M3~M12	135	70	3.7	TA 6
-195		195	130	5.0	
-HFT12-150	M3~M16	150	77	4.7	TA 6
-210		210	137	5.8	TA12
DN50A-HFD 7-195	1 ~ 7	195	130	5.9	D 7
-255		255	190	6.3	
-HFD12-135	2.5~ 13	135	70	5.8	D 12
-195		195	130	7.1	
-255		255	190	8.4	
-HFA20-150	5.8~ 20	150	77	6.6	C 20
-210		210	137	7.8	
-270		270	197	8.9	
-HFT 4-195	M2~M 8	195	130	5.9	TA 4
-255		255	190	6.3	
-HFT 6-135	M3~M12	135	70	5.8	TA 6
-195		195	130	7.1	
-255		255	190	8.4	
-HFT12-150	M3~M16	150	77	6.6	TA12
-210		210	137	7.8	
-270		270	197	8.9	
CT40 -HFD 7-135	1 ~ 7	135 (5.31")	70 (2.75")	3.1 (6.8)	D 7
-195		195 (7.68")	130 (5.11")	3.4 (7.5)	
-HFD12-135	2.5~ 13	135 (5.31")	70 (2.75")	3.7 (8.2)	D 12
-195		195 (7.68")	130 (5.11")	5.0 (11.0)	
-HFA20-150	5.8~ 20 (.23"~.79")	150 (5.91")	77 (3.03")	4.7 (10.4)	C 20
-210		210 (8.27")	137 (5.39")	5.8 (12.9)	
-HFT 4-135	M2~M 8	135 (5.31")	70 (2.75")	3.1 (6.8)	TA 4
-195		195 (7.68")	130 (5.11")	3.4 (7.5)	
-HFT 6-135	M3~M12	135 (5.31")	70 (2.75")	3.7 (8.2)	TA 6
-195		195 (7.68")	130 (5.11")	5.0 (11.0)	
-HFT12-150	M3~M16 (#4" ~ 5/8")	150 (5.91")	77 (3.03")	4.7 (10.4)	TA12
-210		210 (8.27")	137 (5.39")	5.8 (12.9)	
CT50 -HFD 7-195	1 ~ 7	195 (7.68")	130 (5.11")	5.9 (13.0)	D 7
-255		255 (10.04")	190 (7.47")	6.3 (13.8)	
-HFD12-135	2.5~ 13 (.10"~.51")	135 (5.31")	70 (2.75")	5.8 (12.8)	D 12
-195		195 (7.68")	130 (5.11")	7.1 (15.6)	
-255		255 (10.04")	190 (7.47")	8.4 (18.5)	
-HFA20-150	5.8~ 20 (.23"~.79")	150 (5.91")	77 (3.03")	6.6 (14.7)	C 20
-210		210 (8.27")	137 (5.39")	7.8 (17.3)	
-270		270 (10.63")	197 (7.76")	8.9 (19.8)	
-HFT 4-195	M2~M 8	195 (7.68")	130 (5.11")	5.9 (13.0)	TA 4
-255		255 (10.04")	190 (7.47")	6.3 (13.8)	
-HFT 6-135	M3~M12	135 (5.31")	70 (2.75")	5.8 (12.8)	TA 6
-195		195 (7.68")	137 (5.39")	7.1 (15.6)	
-255		255 (10.04")	190 (7.47")	8.4 (18.5)	
-HFT12-150	M3~M16 (#4" ~ 5/8")	150 (5.91")	77 (3.03")	6.6 (14.7)	TA12
-210		210 (8.27")	137 (5.39")	7.8 (17.3)	
-270		270 (10.63")	197 (7.76")	8.9 (19.8)	