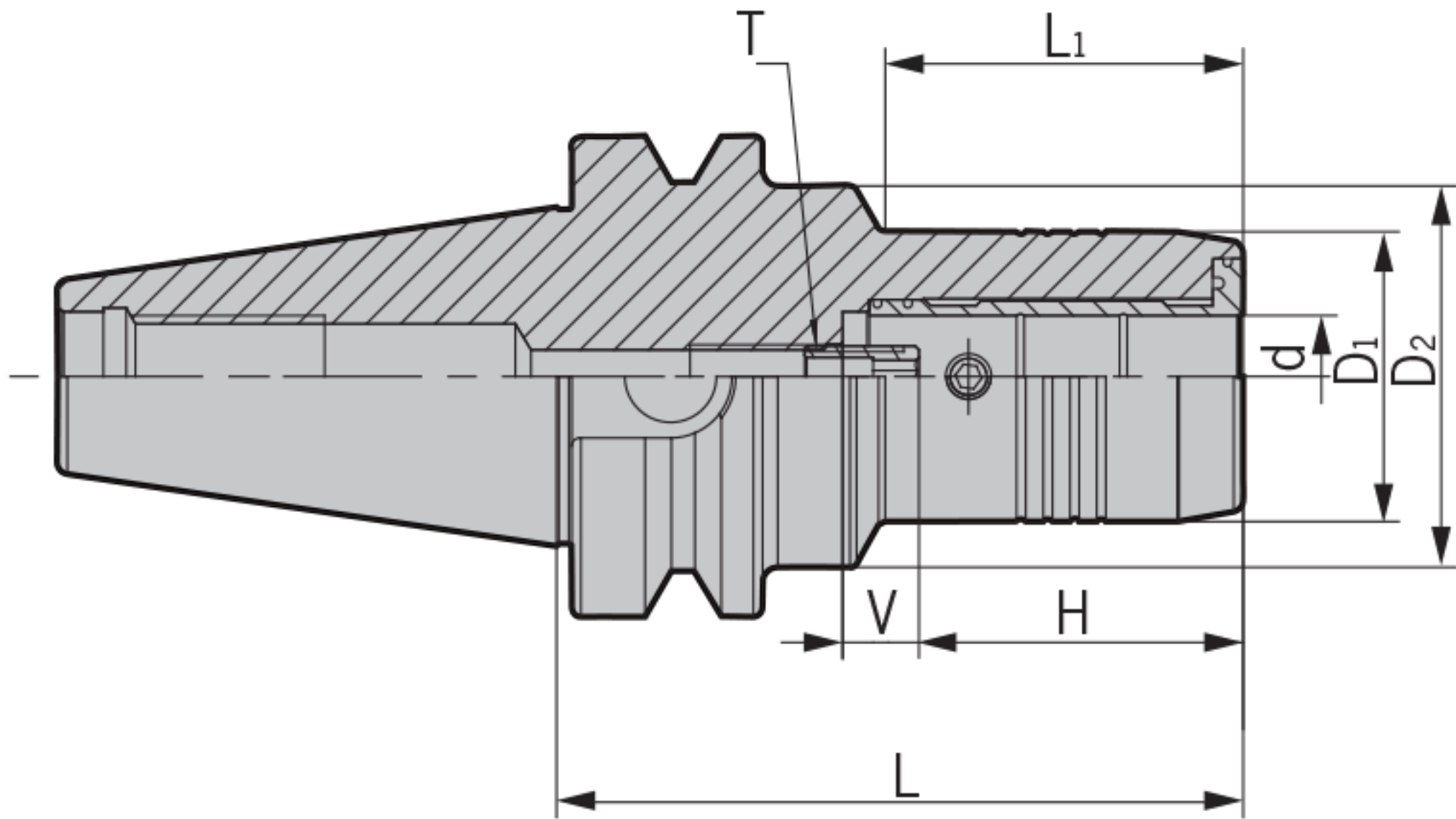
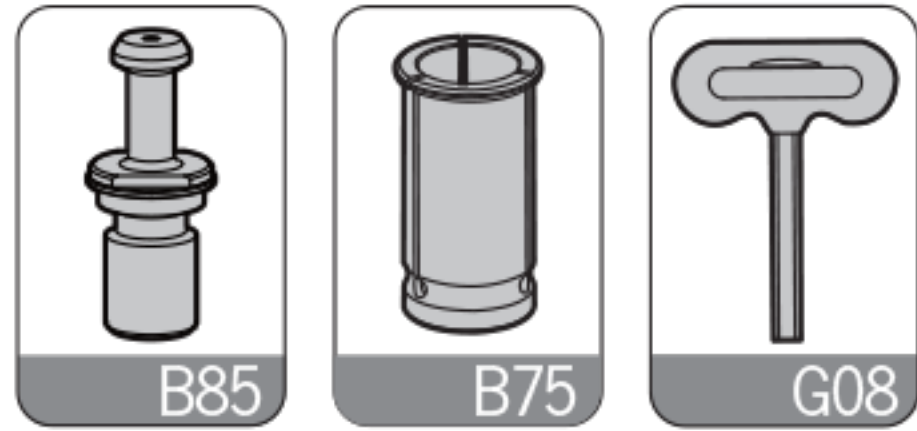




MAX
30,000
min⁻¹

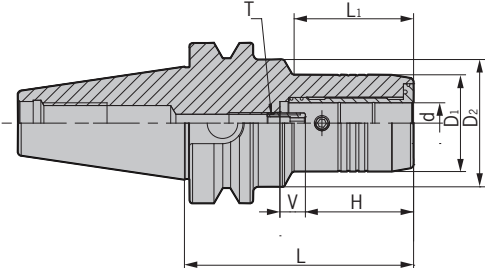
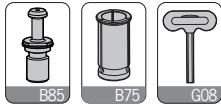


型號 Specification		d	D1	D2	L	H	V	L1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT30-	DHP6-70	6	28	45	70	27.5	10	28	M5X0.8	-	T04	0.68
	DHP8-70	8	30	45	70	27.5	10	28	M6X1.0	-	T04	0.71
	DHP10-75	10	32	45	75	32.5	10	38	M6X1.0	-	T04	0.73
	DHP12-75	12	34	45	75	37.5	10	36	M6X1.0	D12/OD12	T04	0.78
	DHP14-85	14	36	45	85	37.5	10	44	M6X1.0	-	T04	0.83
	DHP16-90	16	38	45	90	42.5	10	48	M8X1.0	-	T04	0.92
	DHP18-90	18	41	45	90	42.5	10	48	M8X1.0	-	T04	0.95
	DHP20-90	20	43	-	90	42.5	10	-	M8X1.0	D20/OD20	T04	0.98
BT40-	DHP6-65	6	28	50	65	27.5	10	23	M5X0.8	-	T04	1.26
	DHP6-90	6	28	50	90	27.5	10	44	M5X0.8	-	T04	1.42
	DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	2.16
	DHP8-65	8	30	50	65	27.5	10	23	M6X1.0	-	T04	1.26
	DHP8-90	8	30	50	90	27.5	10	39	M6X1.0	-	T04	1.43
	DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	2.20
	DHP10-65	10	32	50	65	32.5	10	23	M6X1.0	-	T04	1.26
	DHP10-90	10	32	50	90	32.5	10	44	M6X1.0	-	T04	1.45
	DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	2.40
	DHP12-65	12	34	50	65	37.5	10	23	M6X1.0	D12/OD12	T04	1.26
	DHP12-90	12	34	50	90	37.5	10	44	M6X1.0	D12/OD12	T04	1.46
	DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	2.60
	DHP14-65	14	36	50	65	37.5	10	23	M6X1.0	-	T04	1.26
	DHP14-90	14	36	50	90	37.5	10	44	M6X1.0	-	T04	1.48
	DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	2.80
	DHP16-65	16	38	50	65	42.5	10	23	M8X1.0	-	T04	1.27
	DHP16-90	16	38	50	90	42.5	10	48	M8X1.0	-	T04	1.50
	DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	2.80
	DHP18-75	18	41	50	75	42.5	10	30	M8X1.0	-	T04	1.35
	DHP18-90	18	41	50	90	42.5	10	48	M8X1.0	-	T04	1.53
	DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	2.85
	DHP19-75	19	43	50	75	101	10	30	M8X1.0	-	T04	1.38
	DHP20-75	20	43	50	75	42.5	10	30	M8X1.0	D20/OD20	T04	1.40
	DHP20-90	20	43	50	90	42.5	10	48	M8X1.0	D20/OD20	T04	1.56
	DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	2.89
	DHP24-75	24	63	-	75	94	10	-	M16X1.0	-	T05	2.02
	DHP25-100	25	57	-	100	51	10	73	M16X1.0	-	T05	2.05
	DHP25-135	25	57	-	135	51	10	108	M16X1.0	-	T05	2.75
	DHP32-105	32	63	-	100	55	10	-	M16X1.0	D32/OD32	T05	2.28
	DHP32-135	32	63	-	135	55	10	-	M16X1.0	D32/OD32	T05	2.95

轉下頁
See next page



MAX
30,000
min⁻¹



NEW

型號 Specification	d	D1	D2	L	H	V	L1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT50- DHP6-90	6	28	50	90	27.5	10	23	M5X0.8	-	T04	4.03
DHP6-120	6	28	50	120	27.5	10	44	M5X0.8	-	T04	4.35
DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	4.65
DHP8-90	8	30	50	90	27.5	10	23	M6X1.0	-	T04	4.05
DHP8-120	8	30	50	120	27.5	10	40	M6X1.0	-	T04	4.42
DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	4.68
DHP10-90	10	32	50	90	32.5	10	23	M6X1.0	-	T04	4.06
DHP10-120	10	32	50	120	32.5	10	44	M6X1.0	-	T04	4.41
DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	4.71
DHP12-90	12	34	50	90	37.5	10	23	M6X1.0	D12/OD12	T04	4.07
DHP12-120	12	34	50	120	37.5	10	44	M6X1.0	D12/OD12	T04	4.43
DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	4.73
DHP14-90	14	36	50	90	37.5	10	23	M6X1.0	-	T04	4.07
DHP14-120	14	36	50	120	37.5	10	44	M6X1.0	-	T04	4.43
DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	4.72
DHP16-90	16	38	50	90	42.5	10	23	M8X1.0	-	T04	4.08
DHP16-120	16	38	50	120	42.5	10	48	M8X1.0	-	T04	4.43
DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	4.73
DHP18-90	18	41	50	90	42.5	10	32	M8X1.0	-	T04	4.10
DHP18-120	18	41	50	120	42.5	10	48	M8X1.0	-	T04	4.47
DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	4.75
DHP20-90	20	43	50	90	42.5	10	32	M8X1.0	D20/OD20	T04	4.11
DHP20-120	20	43	50	120	42.5	10	48	M8X1.0	D20/OD20	T04	4.50
DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	4.79
DHP25-105	25	57	-	105	51	10	67	M16X1.0	-	T05	4.60
DHP25-150	25	57	-	150	51	10	112	M16X1.0	-	T05	5.40
DHP32-115	32	63	-	115	55	10	77	M16X1.0	D32/OD32	T05	4.85
DHP32-150	32	63	-	150	55	10	112	M16X1.0	D32/OD32	T05	5.67

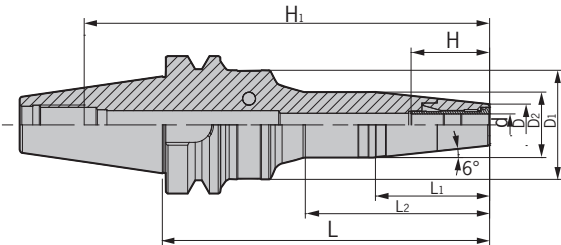
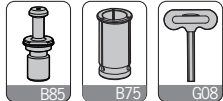
注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

- DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
- 動平衡設定: G2.5；20,000 rpm。
- 3D處徑向跳動0.003 mm。
- For high-speed and high precision cutting;
- Balanced: G2.5; 20,000 rpm;
- Runout (X3D): < 0.003 mm.



MAX
30,000
min⁻¹



NEW

型號 Specification	d	D	D1	D2	L1	L2	L	H	H1	T	適用筒夾 Suit collet	扳手 Wrench	重量 Weight
BT30- DHP6S-90	6	14	42	25	50	-	90	25	113	M5X0.8	-	T04	0.65
DHP8S-90	8	17	42	28	50	-	90	31	113	M6X1	-	T04	0.67
DHP10S-90	10	19	44	30	50	-	90	33	113	M6X1	-	T04	0.70
DHP12S-90	12	21	46	32	50	-	90	36	113	M6X1	-	T04	0.72
BT40- DHP6S-110	6	14	38	27	60	-	110	25	145	M5X0.8	-	T04	1.30
DHP6S-150	6	14	48	26	57	85	150	25	185	M5X0.8	-	T04	1.60
DHP8S-110	8	17	40	30	60	-	110	31	145	M6X1	-	T04	1.40
DHP8S-150	8	17	50	28	52	85	150	31	185	M6X1	-	T04	1.70
DHP10S-110	10	19	42	32	60	-	110	33	145	M6X1	-	T04	1.40
DHP10S-150	10	19	50	30	52	85	150	33	185	M6X1	-	T04	1.70
DHP12S-110	12	21	44	34	60	-	110	36	145	M6X1	D12/OD12	T04	1.40
DHP12S-150	12	21	50	32	52	85	150	36	185	M6X1	D12/OD12	T04	1.80
BT50- DHP6S-150	6	14	52	26	57	83	150	25	83	M5X0.8	-	T04	4.20
DHP6S-200	6	14	56	26	57	100	200	25	100	M5X0.8	-	T04	4.60
DHP8S-150	8	17	54	28	52	83	150	31	83	M6X1	-	T04	4.30
DHP8S-200	8	17	58	28	52	100	200	31	100	M6X1	-	T04	4.70
DHP10S-150	10	19	56	30	52	83	150	33	83	M6X1	-	T04	4.30
DHP10S-200	10	19	60	30	52	100	200	33	100	M6X1	-	T04	4.80
DHP12S-150	12	21	58	32	52	83	150	36	83	M6X1	D12/OD12	T04	4.40
DHP12S-200	12	21	62	32	52	100	200	36	100	M6X1	D12/OD12	T04	4.80

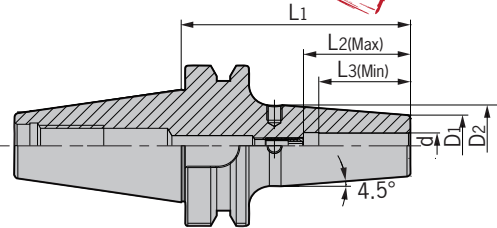
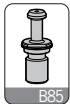
注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

- DHP刀具系列用途高轉速、高精密切削加工，切削效果佳。
- 動平衡設定: G2.5；20,000 rpm。
- 3D處徑向跳動0.003 mm。
- For high-speed and high precision cutting;
- Balanced: G2.5; 20,000 rpm;
- Runout (X3D): < 0.003 mm.



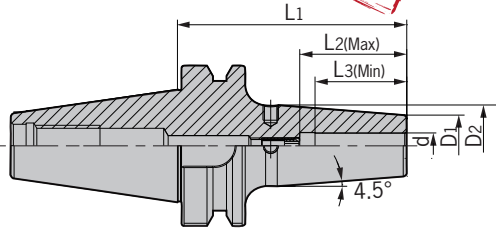
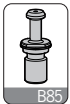
MAX
50,000
min⁻¹



型號 Specification	d	D ₁	D ₂	L ₁	L ₂ (Max)	L ₃ (Min)	重量 Weight
BT30- SF3-80	3	10	10	80	-	9	0.35
SF4-80	4	10	10	80	-	12	0.40
SF5-80	5	10	10	80	-	15	0.43
SF6-80	6	21	27	80	28	18	0.45
SF8-80	8	21	27	80	34	24	0.50
SF10-80	10	24	32	80	40	30	0.55
SF12-80	12	24	32	80	40	30	0.62
SF14-80	14	27	34	80	42	32	0.65
SF16-80	16	27	34	80	42	32	0.68
SF18-80	18	33	42	80	50	40	0.71
SF20-90	20	33	42	90	50	40	0.75
BT40- SF3-90	3	10	10	90	-	9	1.00
SF4-90	4	10	10	90	-	12	1.10
SF5-90	5	10	10	90	-	15	1.00
SF6-90	6	21	27	90	28	18	1.15
SF6-130	6	21	27	130	28	18	1.20
SF6-160	6	21	27	160	28	18	1.40
SF6-200	6	21	27	200	28	18	1.90
SF8-90	8	21	27	90	34	24	1.15
SF8-130	8	21	27	130	34	24	1.30
SF8-160	8	21	27	160	34	24	1.50
SF8-200	8	21	27	200	34	24	1.90
SF10-90	10	24	32	90	40	30	1.20
SF10-130	10	24	32	130	40	30	1.50
SF10-160	10	24	32	160	40	30	1.80
SF10-200	10	24	32	200	40	30	1.90
SF12-90	12	24	32	90	40	30	1.30
SF12-130	12	24	32	130	40	30	1.60
SF12-160	12	24	32	160	40	30	1.80
SF12-200	12	24	32	200	40	30	2.00
SF14-90	14	27	34	90	42	32	1.30
SF14-130	14	27	34	130	42	32	1.60
SF14-160	14	27	34	160	42	32	1.80
SF14-200	14	27	34	200	42	32	2.00
SF16-90	16	27	34	90	42	32	1.40
SF16-130	16	27	34	130	42	32	1.70
SF16-160	16	27	34	160	42	32	1.95
SF16-200	16	27	34	200	42	32	2.20
SF18-90	18	33	42	90	50	40	1.50
SF18-130	18	33	42	130	50	40	1.80
SF18-160	18	33	42	160	50	40	2.00
SF18-200	18	33	42	200	50	40	2.30
SF20-90	20	33	42	90	50	40	1.55



MAX
50,000
min⁻¹



型號 Specification	d	D ₁	D ₂	L ₁	L ₂ (Max)	L ₃ (Min)	重量 Weight
BT40- SF20-130	20	33	42	130	50	40	1.85
SF20-160	20	33	42	160	50	40	2.05
SF20-200	20	33	42	200	50	40	2.35
SF25-100	25	44	53	100	55	45	1.65
SF25-130	25	44	53	130	55	45	1.90
SF25-160	25	44	53	160	55	45	2.20
SF25-200	25	44	53	200	55	45	2.50
SF32-100	32	44	53	100	60	50	2.00
SF32-130	32	44	53	130	60	50	2.30
SF32-160	32	44	53	160	60	50	2.60
BT50- SF6-100	6	21	27	100	28	18	3.70
SF6-130	6	21	27	130	28	18	3.80
SF6-160	6	21	27	160	28	18	3.88
SF6-200	6	21	27	200	28	18	4.00
SF8-100	8	21	27	100	34	24	3.60
SF8-130	8	21	27	130	34	24	3.70
SF8-160	8	21	27	160	34	24	3.90
SF8-200	8	21	27	200	34	24	4.00
SF10-100	10	24	32	100	40	30	3.65
SF10-130	10	24	32	130	40	30	3.78
SF10-160	10	24	32	160	40	30	4.00
SF10-200	10	24	32	200	40	30	4.15
SF12-100	12	24	32	100	40	30	3.70
SF12-130	12	24	32	130	40	30	3.80
SF12-160	12	24	32	160	40	30	4.10
SF12-200	12	24	32	200	40	30	4.25
SF14-100	14	27	34	100	42	32	3.70
SF14-130	14	27	34	130	42	32	3.80
SF14-160	14	27	34	160	42	32	4.10
SF14-200	14	27	34	200	42	32	4.25
SF16-100	16	27	34	100	42	32	3.75
SF16-130	16	27	34	130	42	32	3.88
SF16-160	16	27	34	160	42	32	4.20
SF16-200	16	27	34	200	42	32	4.50
SF18-100	18	33	42	100	50	40	3.75
SF18-130	18	33	42	130	50	40	3.88
SF18-160	18	33	42	160	50	40	4.20
SF18-200	18	33	42	200	50	40	4.50
SF20-100	20	33	42	100	50	40	3.80
SF20-130	20	33	42	130	50	40	4.00
SF20-160	20	33	42	160	50	40	4.30
SF20-200	20	33	42	200	50	40	4.60

SF/DSF

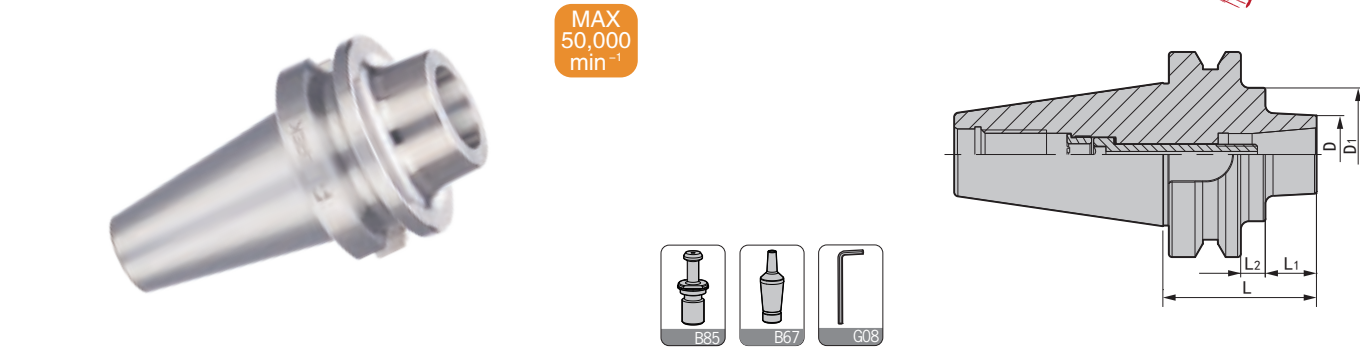
BT-SF Shrink Fit Holder
BT-SF燒結式熱裝刀柄（一體式）

型號 Specification	d	D ₁	D ₂	L ₁	L ₂ (Max)	L ₃ (Min)	重量 Weight
BT50- SF25-100	25	44	53	100	55	45	3.82
SF25-130	25	44	53	130	55	45	4.05
SF25-160	25	44	53	160	55	45	4.33
SF25-200	25	44	53	200	55	45	4.65
SF32-100	32	44	53	100	60	50	4.00
SF32-130	32	44	53	130	60	50	4.40
SF32-160	32	44	53	160	60	50	4.70
SF32-200	32	44	53	200	60	50	5.00

特點 / Feature

- 動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。
- Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

BT-DSF Shrink Fit Holder
BT-DSF燒結式熱裝刀柄（分體式）



型號 Specification	D	D ₁	L ₁	L ₂	L	L型扳手 Wrench	重量 Weight
BT30- DSF12-35	38	-	13	-	35	L06	0.40
BT40- DSF12-50	38	-	18	-	50	L06	1.10
DSF12-75	38	-	48	-	75	L06	1.40
DSF12-135	41	-	108	-	135	L06	2.20
BT50- DSF12-75	38	65	25	12	75	L06	4.00
DSF12-105	41	65	55	12	105	L06	4.40
DSF12-135	41	65	85	12	135	L06	4.70

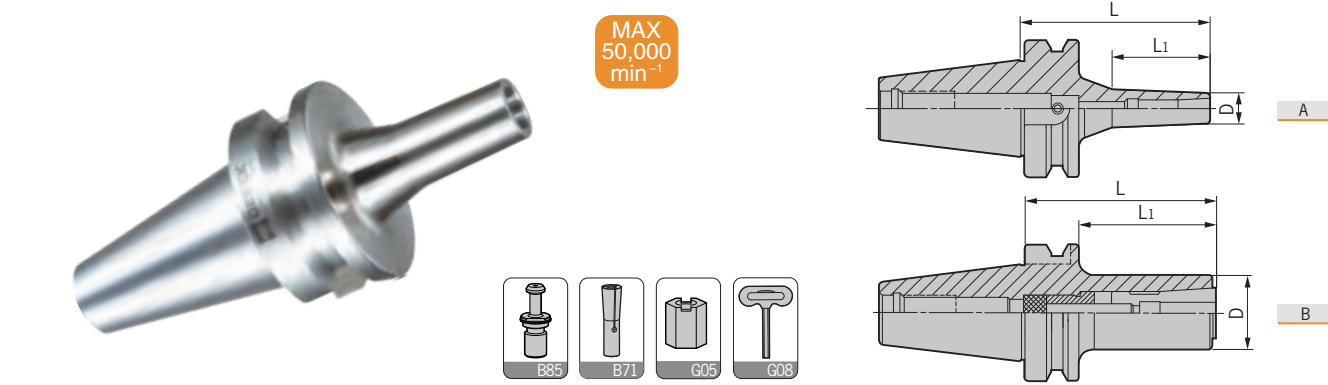
注：報價時含扳手。
Notice:Wrench is included.

特點 / Feature

- 動平衡設定: G2.5; 25,000 rpm。
■3D處徑向跳動0.003 mm。
- Balanced: G2.5; 25,000 rpm;
■Runout (X3D): < 0.003 mm.

DC

BT-DC Precision Slim Collet Chuck
BT-DC小徑精密夾頭本體



型號 Specification	圖示 Figure	D	L ₁	L	適用筒夾 Suit collet	拉緊螺釘 Tension screw	止動螺母 Stop nut	扳手 Wrench	重量 Weight
BT30- DC6-60	A	14	26	60	DC6	E050U350	ZD6-2	T04	0.90
DC6-90	A	14	50	90	DC6	E050U650	ZD6-2	T04	1.10
DC12-70	B	34	48	70	DC12	E100U350	ZD12-1	T08-L	0.60
BT40- DC6-60	A	14	26	60	DC6	E050U450	ZD6-2	T04-L	1.02
DC6-90	A	14	45	90	DC6	E050U450	ZD6-2	T04-L	1.05
DC6-120	A	14	60	120	DC6	E050U800	ZD6-2	T04-L	1.08
DC6-150	A	14	76	150	DC6	E050U1300	ZD6-2	T04-L	1.11
DC8-90	A	22	53	90	DC8	E060U600	ZD8-1	T05-L	1.10
DC8-120	A	22	65	120	DC8	E060U900	ZD8-1	T05-L	1.40
DC10-90	B	28	63	90	DC10	E080U300	ZD10-2	T06-L	1.20
DC10-120	A	28	60	120	DC10	E080U850	ZD10-1	T06-L	1.57
DC12-70	B	34	43	70	DC12	E100U350	ZD12-1	T08-L	1.08
DC12-90	B	34	63	90	DC12	E100U350	ZD12-1	T08-L	1.28
DC12-120	B	34	93	120	DC12	E100U350	ZD12-1	T08-L	1.49
DC12-150	B	34	123	150	DC12	E100U350	ZD12-1	T08-L	1.80
BT50- DC10-110	A	28	57	110	DC10	E080U800	ZD12-1	T06-L	4.20
DC10-150	A	28	75	150	DC10	E080U1200	ZD12-1	T06-L	4.32
DC12-110	B	34	72	110	DC12	E100U350	ZD12-1	T08-L	4.70
DC12-150	A	34	80	150	DC12	E100U1100	ZD12-1	T08-L	5.01

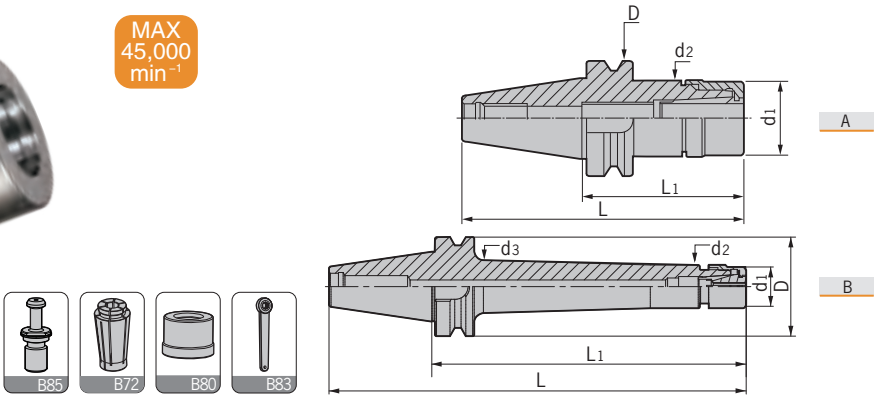
注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

- 動平衡設定: G2.5; 30,000 rpm。
■3D處徑向跳動0.003 mm。
- Balanced: G2.5; 30,000 rpm;
■Runout (X3D): < 0.003 mm.



MAX
45,000
min⁻¹



型號 Specification	圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT30- GSK6-70	A	46	19.5	20	-	118.4	70	M6x1	DSK6	0.45
GSK6-100	A	46	19.5	20	-	148.4	100	M6x1	DSK6	0.64
GSK10-70	A	46	27	27.5	-	118.4	70	M10x1.5	DSK10	0.46
GSK10-100	A	46	27	27.5	-	148.4	100	M10x1.5	DSK10	0.70
GSK16-70	A	46	40	40.5	-	118.4	70	M16x2	DSK16	0.70
GSK16-100	A	46	40	40.5	-	148.4	100	M16x2	DSK16	1.00
GSK16-120	A	46	40	40.5	-	168.4	120	M16x2	DSK16	1.25
GSK16-150	A	46	40	40.5	-	198.4	150	M16x2	DSK16	1.35
GSK20-70	A	46	48	48.5	-	118.4	70	M16x2	DSK20	0.75
GSK20-100	A	46	48	48.5	-	148.4	100	M16x2	DSK20	1.15
GSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40- GSK6-70	A	63	19.5	20	-	135.4	70	M6x1	DSK6	1.05
GSK6-100	A	63	19.5	20	-	165.4	100	M6x1	DSK6	1.25
GSK6-120	A	63	19.5	20	-	185.4	120	M6x1	DSK6	1.39
GSK6-150L	B	63	19.5	20	26.4	215.4	150	M6x1	DSK6	1.55
GSK10-70	A	63	27	27.5	-	135.4	70	M10x1.5	DSK10	1.10
GSK10-100	A	63	27	27.5	-	165.4	100	M10x1.5	DSK10	1.30
GSK10-120	A	63	27	27.5	-	185.4	120	M10x1.5	DSK10	1.42
GSK10-150	A	63	27	27.5	-	215.4	150	M10x1.5	DSK10	1.55
GSK10-200L	B	63	27	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
GSK16-70	A	63	40	40.5	-	135.4	70	M16x2	DSK16	1.21
GSK16-100	A	63	40	40.5	-	165.4	100	M16x2	DSK16	1.42
GSK16-120	A	63	40	40.5	-	185.4	120	M16x2	DSK16	1.61
GSK16-150	A	63	40	40.5	-	215.4	150	M16x2	DSK16	1.80
GSK16-200L	B	63	40	40.5	45.7	265.4	200	M16x2	DSK16	1.95
GSK20-70	A	63	48	48.5	-	135.4	70	M16x2	DSK20	1.52
GSK20-100	A	63	48	48.5	-	165.4	100	M16x2	DSK20	1.68
GSK20-120	A	63	48	48.5	-	185.4	120	M16x2	DSK20	1.90
GSK20-150	A	63	48	48.5	-	215.4	150	M16x2	DSK20	2.10
GSK20-200L	B	63	48	48.5	55.7	265.4	200	M16x2	DSK20	2.30
GSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81
GSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
GSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
GSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
BT50- GSK10-105	A	100	27	27.5	-	206.8	105	M10x1.5	DSK10	3.78
GSK10-135	A	100	27	27.5	-	236.8	135	M10x1.5	DSK10	4.00
GSK10-165	A	100	27	27.5	-	266.8	165	M10x1.5	DSK10	4.33
GSK10-200L	B	100	27	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75

型號 Specification	圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT50- GSK16-100	A	100	40	40.5	-	201.8	100	M16x2	DSK16	3.93
GSK16-125	A	100	40	40.5	-	226.8	125	M16x2	DSK16	4.17
GSK16-150	A	100	40	40.5	-	251.8	150	M16x2	DSK16	4.49
GSK16-200L	B	100	40	40.5	48.4	301.8	200	M16x2	DSK16	5.50
GSK16-250L	B	100	40	40.5	48.4	351.8	250	M16x2	DSK16	6.50
GSK20-100	A	100	48	48.5	-	201.8	100	M16x2	DSK20	4.10
GSK20-125	A	100	48	48.5	-	226.8	125	M16x2	DSK20	4.32
GSK20-150	A	100	48	48.5	-	251.8	150	M16x2	DSK20	4.65
GSK20-200	A	100	48	48.5	-	301.8	200	M16x2	DSK20	5.75
GSK20-250L	B	100	48	48.5	55.4	351.8	250	M16x2	DSK20	6.78
GSK20-300L	B	100	48	48.5	55.4	401.8	300	M16x2	DSK20	7.80
GSK25-100	A	100	55	55	-	201.8	100	M20x2	DSK25	4.10
GSK25-125	A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
GSK25-150	A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
GSK25-200	A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
GSK25-250L	B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
GSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見B73頁。
Notice: Collets and wrenchs shall be ordered separately.

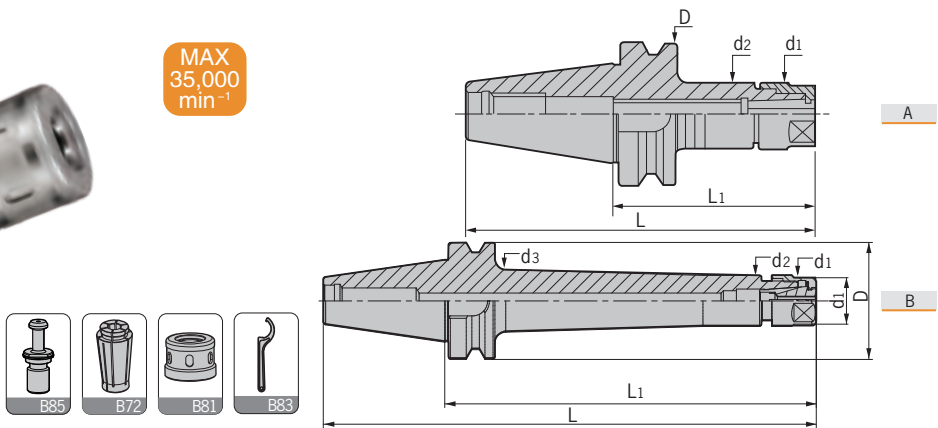
特點 / Feature

- 動平衡設定: G2.5; 25,000 rpm。
- 3D處徑向跳動0.005 mm。
- Balanced: G2.5; 25,000 rpm;
- Runout (X3D): < 0.005 mm.

BT-DSK High Precision Chuck
BT-DSK高速精密筒夾本體



MAX
35,000
min⁻¹



型號 Specification	圖示 Figure	D	d1	d2	d3	L	L1	T	適用筒夾 Suit collet	重量 Weight
BT30- DSK6-70	A	46	20	20	-	118.4	70	M6x1	DSK6	0.45
DSK6-100	A	46	20	20	-	148.4	100	M6x1	DSK6	0.64
DSK10-70	A	46	27.5	27.5	-	118.4	70	M10x1.5	DSK10	0.46
DSK10-100	A	46	27.5	27.5	-	148.4	100	M10x1.5	DSK10	0.70
DSK16-70	A	46	40.5	40.5	-	118.4	70	M16x2	DSK16	0.70
DSK16-100	A	46	40.5	40.5	-	148.4	100	M16x2	DSK16	1.00
DSK16-120	A	46	40.5	40.5	-	168.4	120	M16x2	DSK16	1.25
DSK16-150	A	46	40.5	40.5	-	198.4	150	M16x2	DSK16	1.35

DSK

BT-DSK High Precision Chuck
BT-DSK高速精密筒夾本體

型號 Specification	圖示 Figure	D	d ₁	d ₂	d ₃	L	L ₁	T	適用筒夾 Suit collet	重量 Weight	
BT30-	DSK20-70	A	46	48.5	48.5	-	118.4	70	M16x2	DSK20	0.75
	DSK20-100	A	46	48.5	48.5	-	148.4	100	M16x2	DSK20	1.15
	DSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40-	DSK6-70	A	63	20	20	-	135.4	70	M6x1	DSK6	1.05
	DSK6-100	A	63	20	20	-	165.4	100	M6x1	DSK6	1.25
	DSK6-120	A	63	20	20	-	185.4	120	M6x1	DSK6	1.39
	DSK6-150L	B	63	20	20	26.4	215.4	150	M6x1	DSK6	1.55
	DSK10-70	A	63	27.5	27.5	-	135.4	70	M10x1.5	DSK10	1.10
	DSK10-100	A	63	27.5	27.5	-	165.4	100	M10x1.5	DSK10	1.30
	DSK10-120	A	63	27.5	27.5	-	185.4	120	M10x1.5	DSK10	1.42
	DSK10-150	A	63	27.5	27.5	-	215.4	150	M10x1.5	DSK10	1.55
	DSK10-200L	B	63	27.5	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
	DSK16-70	A	63	40.5	40.5	-	135.4	70	M16x2	DSK16	1.21
	DSK16-100	A	63	40.5	40.5	-	165.4	100	M16x2	DSK16	1.42
	DSK16-120	A	63	40.5	40.5	-	185.4	120	M16x2	DSK16	1.61
	DSK16-150	A	63	40.5	40.5	-	215.4	150	M16x2	DSK16	1.80
	DSK16-200L	B	63	40.5	40.5	45.7	265.4	200	M16x2	DSK16	1.95
	DSK20-70	A	63	48.5	48.5	-	135.4	70	M16x2	DSK20	1.52
	DSK20-100	A	63	48.5	48.5	-	165.4	100	M16x2	DSK20	1.68
	DSK20-120	A	63	48.5	48.5	-	185.4	120	M16x2	DSK20	1.90
	DSK20-150	A	63	48.5	48.5	-	215.4	150	M16x2	DSK20	2.10
	DSK20-200L	B	63	48.5	48.5	55.7	265.4	200	M16x2	DSK20	2.30
	DSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81
	DSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
	DSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
	DSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
	BT50-	DSK10-105	A	100	27.5	27.5	-	206.8	105	M10x1.5	DSK10
DSK10-135		A	100	27.5	27.5	-	236.8	135	M10x1.5	DSK10	4.00
DSK10-165		A	100	27.5	27.5	-	266.8	165	M10x1.5	DSK10	4.33
DSK10-200L		B	100	27.5	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75
DSK16-100		A	100	40.5	40.5	-	201.8	100	M16x2	DSK16	3.93
DSK16-125		A	100	40.5	40.5	-	226.8	125	M16x2	DSK16	4.17
DSK16-150		A	100	40.5	40.5	-	251.8	150	M16x2	DSK16	4.49
DSK16-200L		B	100	40.5	40.5	48.4	301.8	200	M16x2	DSK16	5.50
DSK16-250L		B	100	40.5	40.5	48.4	351.8	250	M16x2	DSK16	6.50
DSK20-100		A	100	48.5	48.5	-	201.8	100	M16x2	DSK20	4.10
DSK20-125		A	100	48.5	48.5	-	226.8	125	M16x2	DSK20	4.32
DSK20-150		A	100	48.5	48.5	-	251.8	150	M16x2	DSK20	4.65
DSK20-200		A	100	48.5	48.5	-	301.8	200	M16x2	DSK20	5.75
DSK20-250L		B	100	48.5	48.5	55.4	351.8	250	M16x2	DSK20	6.78
DSK20-300L		B	100	48.5	48.5	55.4	401.8	300	M16x2	DSK20	7.80
DSK25-100		A	100	55	55	-	201.8	100	M20x2	DSK25	4.1
DSK25-125		A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
DSK25-150		A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
DSK25-200		A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
DSK25-250L		B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
DSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00	

注：筒夾與扳手需單獨另購，可選配中心出水螺帽與端面出水螺帽詳見73頁。
Notice: Collets and wrenchs shall be ordered separately.

特點 / Feature

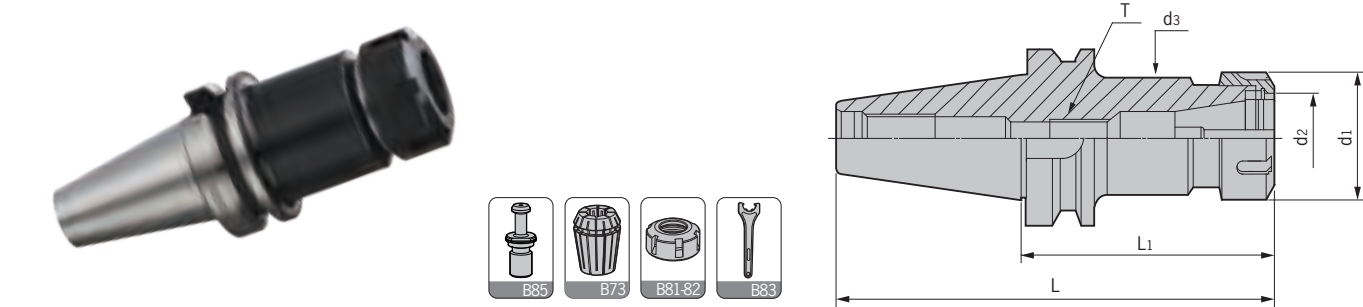
- 動平衡設定: G2.5; 20,000 rpm。

■3D處徑向跳動0.005 mm。
- Balanced: G2.5; 20,000 rpm;

■Runout (X3D): < 0.005 mm.

ER

BT-ER Spring Collet Chuck
BT-ER彈性筒夾本體



型號 Specification	d ₁	d ₂	d ₃	L ₁	L	T	重量 Weight
BT30-	ER16-70	28	16	28	70	M10X1.5P	0.52
	ER16-100	28	16	28	100	M10X1.5P	0.64
	ER16-120	28	16	28	120	M10X1.5P	0.73
	ER20-70	34	20	34	70	M12X1.75P	0.57
	ER20-100	34	20	34	100	M12X1.75P	0.76
	ER20-135	34	20	34	135	M12X1.75P	0.99
	ER25-70	42	25	42	70	M16X2.0P	0.66
	ER25-100	42	25	42	100	M16X2.0P	0.98
	ER25-135	42	25	42	135	M16X2.0P	1.31
	ER32-70	50	32	50	70	M16X2.0P	0.72
	ER32-100	50	32	50	100	M16X2.0P	1.14
	ER40-80	63	40	63	80	M16X2.0P	1.20
BT40-	ER16-70	28	16	28	70	M10X1.5P	1.08
	ER16-100	28	16	28	100	M10X1.5P	1.21
	ER16-125	28	16	28	125	M10X1.5P	1.30
	ER16-150	28	16	28	150	M10X1.5P	1.44
	ER20-70	34	20	34	70	M12X1.75P	1.12
	ER20-100	34	20	34	100	M12X1.75P	1.33
	ER20-125	34	20	34	125	M12X1.75P	1.48
	ER20-150	34	20	34	150	M12X1.75P	1.65
	ER25-70	42	25	42	70	M16X2.0P	1.22
	ER25-100	42	25	42	100	M16X2.0P	1.49
	ER25-125	42	25	42	125	M16X2.0P	1.71
	ER25-150	42	25	42	150	M16X2.0P	1.97
	ER32-70	50	32	50	70	M16X2.0P	1.27
	ER32-100	50	32	50	100	M16X2.0P	1.70
	ER32-150	50	32	50	150	M16X2.0P	2.39
	ER32-200	50	32	50	200	M16X2.0P	3.12
	ER40-80	63	40	63	80	M20X2.0P	1.62
	ER40-100	63	40	63	100	M20X2.0P	2.08
BT50-	ER40-120	63	40	63	120	M20X2.0P	2.55
	ER40-150	63	40	63	150	M20X2.0P	3.23
	ER16-70	28	16	28	70	M10X1.5P	3.67
	ER16-100	28	16	28	100	M10X1.5P	3.77
	ER16-135	28	16	28	135	M10X1.5P	3.95
	ER16-165	28	16	28	165	M10X1.5P	4.04
	ER20-70	34	20	34	70	M12X1.75P	3.66
	ER20-100	34	20	34	100	M12X1.75P	3.75
	ER20-135	34	20	34	135	M12X1.75P	4.08
	ER20-150	34	20	34	150	M12X1.75P	4.22
	ER20-200	34	20	34	200	M12X1.75P	4.66
	ER20-250	34	20	34	250	M12X1.75P	5.16
ER25-70	ER25-70	42	25	42	70	M16X2.0P	3.64
	ER25-100	42	25	42	100	M16X2.0P	4.02

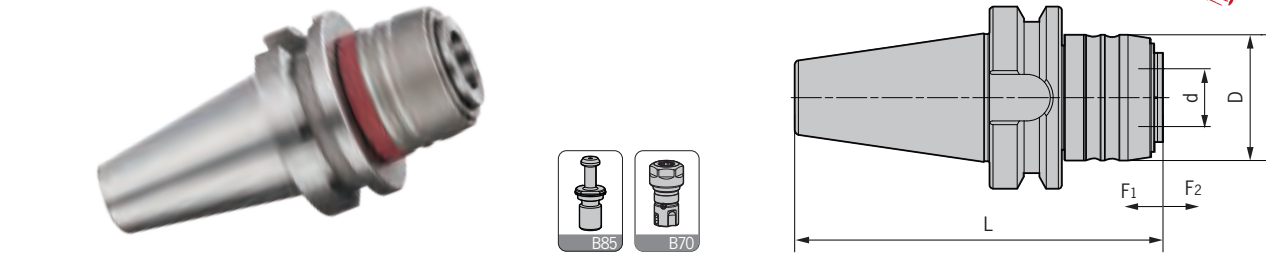
ER/VER

BT-ER Spring Collet Chuck
BT-ER彈性筒夾本體

型號 Specification	d1	d2	d3	L1	L	T	重量 Weight
BT50- ER25-125	42	25	42	125	226.8	M16X2.0P	4.26
ER25-150	42	25	42	150	251.8	M16X2.0P	4.54
ER25-200	42	25	42	200	301.8	M16X2.0P	5.01
ER25-250	42	25	42	250	351.8	M16X2.0P	5.52
ER32-80	50	32	50	80	181.8	M16X2.0P	3.80
ER32-100	50	32	50	100	201.8	M16X2.0P	4.07
ER32-120	50	32	50	120	221.8	M16X2.0P	4.35
ER32-150	50	32	50	150	251.8	M16X2.0P	4.82
ER32-200	50	32	50	200	301.8	M16X2.0P	5.32
ER32-250	50	32	50	250	351.8	M16X2.0P	5.92
ER40-80	63	40	63	80	181.8	M20X2.0P	3.93
ER40-100	63	40	63	100	201.8	M20X2.0P	4.38
ER40-120	63	40	63	120	221.8	M20X2.0P	4.86
ER40-150	63	40	63	150	251.8	M20X2.0P	5.51

注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

BT- VER Tapping Chuck
BT- VER快換式微補償攻牙刀柄



型號 Specification	D	d	L	F1	F2	攻牙能力 Tapping capacity	適用延長杆 Suit extender	重量 Weight
BT40- VER16-61	43.5	20	61	0.2	1	M3-M12	VER16-M24	1.05
VER20-72	52	25	72	0.2	1	M5-M16	VER20-M26	1.20
VER25-82	60	32	82	0.2	1	M6-M20	VER25-M28	1.35
VER32-98	72	40	98	0.2	1	M10-M24	VER32-M30	1.68
VER40-107	87	50	107	0.2	1	M14-M33	VER40-M32	1.95
BT50- VER16-72	43.5	20	72	0.2	1	M3-M12	VER16-M24	3.55
VER20-72	52	25	83	0.2	1	M5-M16	VER20-M26	3.45
VER25-93	60	32	93	0.2	1	M6-M20	VER25-M28	3.88
VER32-109	72	40	109	0.2	1	M10-M24	VER32-M30	4.22
VER40-124	87	50	124	0.2	1	M14-M33	VER40-M32	4.65

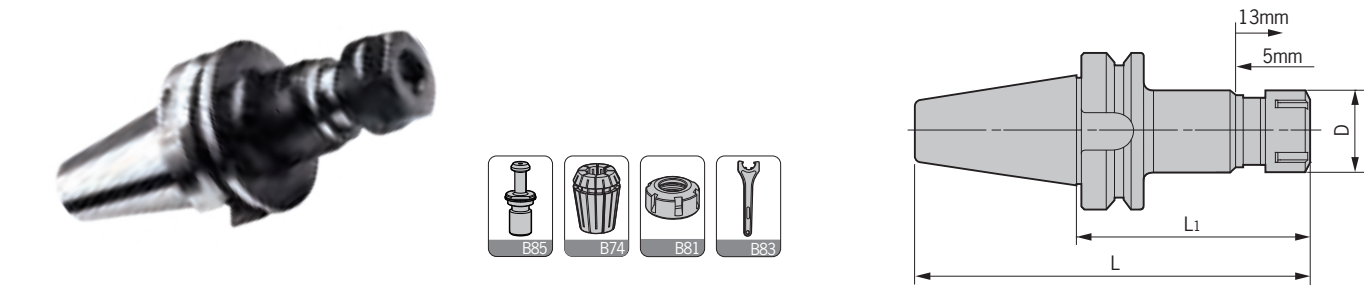
注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

特點 / Feature

- 顯著提高絲錐使用壽命80%以上。
■有效提高加工生產效率2-4倍。
■明顯提高表面加工質量與精度。
■選用ER攻絲專用筒夾夾持。
■無需依賴設備精度。
■擠壓絲錐首選。
- Tap tool life increased by 80% and above;
■Work efficiency increased 2 to 4 times;
■Better surface quality;
■With ER tapping collet;
■Best choice for squeeze taps.

TER

BT-TER Tapping Chuck
BT-TER伸縮攻牙器刀柄



型號 Specification	D	L1	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
BT30- TER16	28	80	128.4	ER16	M3-M12	0.61
TER20	34	90	138.4	ER20	M4-M16	0.75
BT40- TER16	28	77	145.4	ER16	M3-M12	1.10
TER20	34	86	154.4	ER20	M4-M16	1.22
TER25	42	90	158.4	ER25	M5-M20	1.37
TER32	50	94	162.4	ER32	M8-M27	1.52
TER40	63	98	166.4	ER40	M12-M36	2.25
BT50- TER16	28	80	181.8	ER16	M3-M12	3.80
TER20	34	99	200.8	ER20	M4-M16	3.83
TER25	42	97	198.8	ER25	M5-M20	3.91
TER32	50	95	196.8	ER32	M8-M27	4.22
TER40	63	117	218.8	ER40	M12-M36	4.51

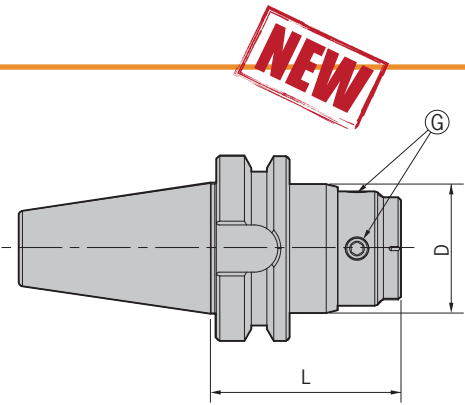
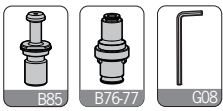
注：筒夾和扳手需單獨訂購。
Notice: Collets and wrenchs shall be ordered separately.

特點 / Feature

- 攻牙器使用ER筒夾夾持，請您在選購時認準ER筒夾內徑。
■本刀體的攻牙器頭部採用了浮動設計，攻螺紋時的扭距可通過內部鋼珠傳遞。
■本刀柄主要用于中心機和CNC銑床攻牙。
■Clamped with ER spring collect, please check the inn size of ER collet when you choose.
■The tapping head of this holder designed with floating tap, the tapping torque is transmitted through the ball inside the floating tap holder.
■Mainly used on machine centers and CNC milling machines.

TPG/TPM

BT-TPG Rigid Tapping Chuck
BT-TPG剛性攻牙刀柄



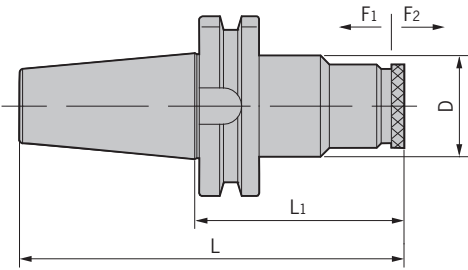
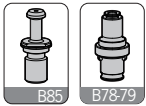
型號 Specification	D	L	G	適用筒夾 Suit collet	L型扳手 Wrench	攻牙能力 Tapping capacity	重量 Weight
BT30-TPG312	44	65	M8X1P	TPE312	L06	M3-M12	0.73
TPG1024	56	85	M10X1P	TPE1024	L08	M10-M24	0.89
BT40-TPG312	44	65	M8X1P	TPE312	L06	M3-M12	1.23
TPG1024	56	75	M10X1P	TPE1024	L08	M10-M24	1.39
BT50-TPG312	44	80	M8X1P	TPE312	L06	M3-M12	3.88
TPG1024	56	80	M10X1P	TPE1024	L08	M10-M24	4.09

注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

特點 / Feature

- 適用於高精度同步數控加工。
 - 由主軸中心提供內冷卻。
 - 為達到高速攻絲的剛性設計。
 - 短型且緊湊的設計。
- For high precision tapping;
 - With internal coolant hole;
 - Design for high speed and rigid tapping;
 - Short and compact design.

BT-TPM Tapping Chuck With High Rigidity
BT-TPM扭力伸縮攻牙刀柄



型號 Specification	D	F ₁	F ₂	L ₁	L	適用筒夾 Suit collet	攻牙能力 Tapping capacity	重量 Weight
BT30-TPM316	50	10	20	111.6	162	TPD316	M3-M16	0.75
TPM830	66	10	25	148.6	199	TPD830	M8-M30	0.80
BT40-TPM316	50	10	20	101	168	TPD316	M3-M16	1.56
TPM830	66	10	25	141	208	TPD830	M8-M30	2.62
BT50-TPM316	50	10	20	118	222.8	TPD316	M3-M16	4.24
TPM830	66	10	25	130.2	235	TPD830	M8-M30	4.77

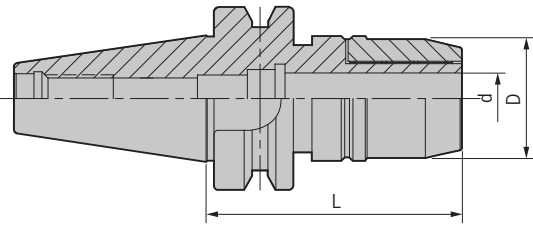
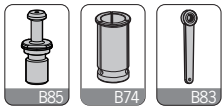
注：筒夾需單獨訂購。
Notice: Collets shall be ordered separately.

HPM

BT-HPM High Speed Milling Chuck
BT-HPM高速精密強力銑刀夾頭



MAX
30,000
min⁻¹



型號 Specification	範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-HPM16-70	3-16	46	16	70	SC16	1.40
HPM20-75	6-20	55	20	75	SC20	1.80
BT40-HPM16-70	3-16	46	16	70	SC16	1.60
HPM16-105	3-16	46	16	105	SC16	1.80
HPM16-135	3-16	46	16	135	SC16	2.30
HPM20-80	6-20	55	20	80	SC20	2.40
HPM20-105	6-20	55	20	105	SC20	2.50
HPM20-135	6-20	55	20	135	SC20	2.80
HPM32-105	6-32	68	32	105	SC32	2.80
HPM32-135	6-32	68	32	135	SC32	3.00
BT50-HPM16-90	3-16	46	16	90	SC16	3.90
HPM16-110	3-16	46	16	110	SC16	4.10
HPM16-135	3-16	46	16	135	SC16	4.30
HPM16-150	3-16	46	16	150	SC16	4.50
HPM20-105	6-20	55	20	105	SC20	4.50
HPM20-135	6-20	55	20	135	SC20	4.70
HPM20-150	6-20	55	20	150	SC20	4.90
HPM32-110	6-32	68	32	110	SC32	5.20
HPM32-135	6-32	68	32	135	SC32	5.90
HPM32-165	6-32	68	32	165	SC32	6.60

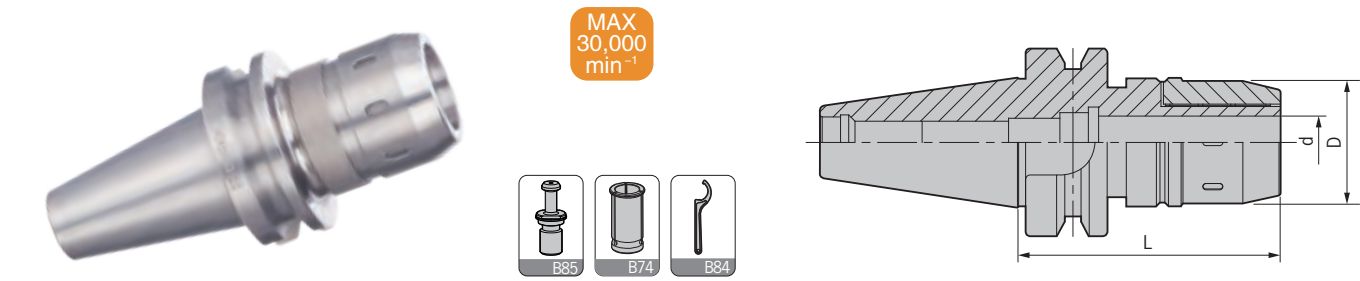
注：報價時含扳手，筒夾需單獨訂購。
Notice: Wrench is included, while collet is to be ordered separately.

特點 / Feature

- 動平衡設定: G2.5; 20,000 rpm。
 - 3D處徑向跳動0.02 mm。
- Balanced: G2.5; 20,000 rpm;
 - Runout (X3D): < 0.02 mm.

HPC

BT-HPC High-speed Milling Chuck
BT-HPC高速精密強力銑刀夾頭



型號 Specification	範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-	HPC16-70	3-16	46	70	SC16	1.40
	HPC20-75	6-20	51.5	75	SC20	1.80
BT40-	HPC16-70	3-16	46	70	SC16	1.60
	HPC16-105	3-16	46	105	SC16	1.80
	HPC16-135	3-16	46	135	SC16	2.30
	HPC20-80	6-20	51.5	80	SC20	2.40
	HPC20-105	6-20	51.5	105	SC20	2.50
	HPC20-135	6-20	51.5	135	SC20	2.80
	HPC32-105	6-32	70.5	105	SC32	2.80
	HPC32-135	6-32	70.5	135	SC32	3.00
BT50-	HPC16-90	3-16	46	90	SC16	3.90
	HPC16-110	3-16	46	110	SC16	4.10
	HPC16-135	3-16	46	135	SC16	4.30
	HPC16-150	3-16	46	150	SC16	4.50
	HPC20-105	6-20	51.5	105	SC20	4.50
	HPC20-135	6-20	51.5	135	SC20	4.70
	HPC20-150	6-20	51.5	150	SC20	4.90
	HPC32-110	6-32	70.5	110	SC32	5.20
	HPC32-135	6-32	70.5	135	SC32	5.90
	HPC32-165	6-32	70.5	165	SC32	6.60

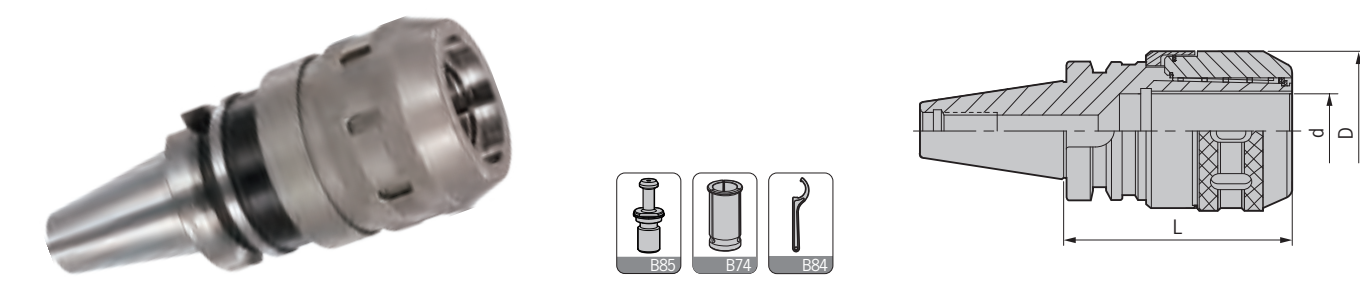
注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet is to be ordered separately.

特點 / Feature

- 動平衡設定: G6.3; 15,000 rpm。
■3D處徑向跳動0.02 mm。
- Balanced: G6.3; 15,000 rpm;
■Runout (X3D): < 0.02 mm.

MLC

BT-MLC Power Milling Chuck For Heavy Duty
BT-MLC強力筒夾本體



型號 Specification	範圍 Range	D	d	L	適用筒夾 Suit collet	重量 Weight
BT30-	MLC20-75	6-20	51.5	75	SC20	1.59
	MLC20-100	6-20	51.5	100	SC20	1.73
BT40-	MLC20-80	6-20	51.5	80	SC20	1.85
	MLC20-100	6-20	51.5	100	SC20	2.11
	MLC20-135	6-20	51.5	135	SC32	2.65
	MLC32-105	6-32	70.5	105	SC32	2.28
	MLC32-135	6-32	70.5	135	SC32	2.87
	MLC32-165	6-32	70.5	165	SC32	6.19
BT50-	MLC20-105	6-20	51.5	105	SC20	4.30
	MLC20-150	6-20	51.5	150	SC20	5.83
	MLC32-110	6-32	70.5	110	SC32	4.52
	MLC32-135	6-32	70.5	135	SC32	5.44
	MLC32-200	6-32	70.5	200	SC32	6.95
	MLC42-115	6-42	86	115	SC42	5.50
	MLC42-135	6-42	86	135	SC42	6.43
	MLC42-165	6-42	86	165	SC42	7.65

注：報價時含扳手，筒夾需單獨訂購。
Notice:Wrench is included,while collet shall be ordered separately.

特點 / Feature

- 刀柄採用四組220根針狀滾針經特殊排列而成。
■端面鎖緊增強了本體鋼性強度。
■立銑刀無振動無滑移實現了最大能力範圍的重銑削加工，跳動精度0.02mm。
■The tool holder uses four special layers with 220 pieces bearing arranged in particular.
■It can reduce the locking resistanced and also show best performance on heavy cutting.
■The usual length of power milling chuck show that the highest runout accuracy can reach to 0.02mm.

BT-MLC Power Chuck Kit
BT-MLC強力筒夾本體套裝組

型號 Specification	筒夾 Collet	數量 PCS/SET	重量 Weight
BT40-	MLC20-100-5PCS	SC20-6,8,10,12,16	5 7.30
	MLC32-105-7PCS	SC32-6,8,10,12,16,20,25	7 7.80
BT50-	MLC20-105-5PCS	SC20-6,8,10,12,16	5 7.50
	MLC32-110-7PCS	SC32-6,8,10,12,16,20,25	7 8.40
	MLC42-115-8PCS	SC42-6,8,10,12,16,20,25,32	8 11.40



SLN

BT-SLN Side-lock Holder
BT-SLN側固式刀柄

加工中心刀柄

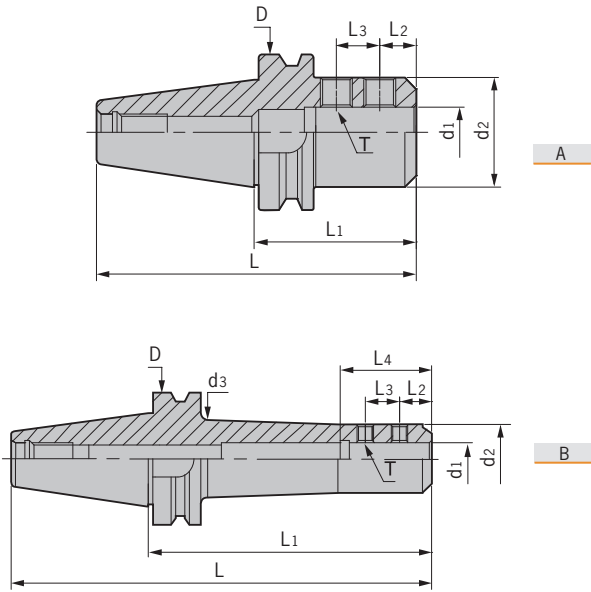
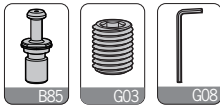
ISO刀柄

BT刀柄

SK刀柄

ISO刀柄

刀柄配件



	型號 Specification	圖示 Figure	D	d ₁	d ₂	d ₃	L ₁	L ₂	L ₃	L	側面壓緊螺釘 Side-lock screw	重量 Weight
BT30-	SLN6-60	A	46	6	25	-	60	18	-	108.4	M060U080	0.55
	SLN8-60	A	46	8	28	-	60	18	-	108.4	M080U100	0.60
	SLN10-60	A	46	10	35	-	60	20	-	108.4	M100U120	0.70
	SLN12-60	A	46	12	42	-	60	22.5	-	108.4	M120U140	0.75
	SLN16-75	A	46	16	48	-	75	24	-	123.4	M140U160	1.05
	SLN20-75	A	46	20	52	-	75	25	-	123.4	M160U160	1.10
	SLN25-90	A	46	25	65	-	90	24	25	138.4	M180Z180P	1.70
BT40-	SLN6-50	A	63	6	25	-	50	18	-	115.4	M060U080	1.10
	SLN6-100	A	63	6	25	-	100	12	10	165.4	M060U080	1.40
	SLN8-50	A	63	8	28	-	50	18	-	115.4	M080U100	1.10
	SLN8-100	A	63	8	28	-	100	14	12	165.4	M080U100	1.42
	SLN10-63	A	63	10	35	-	63	20	-	128.4	M100U100	1.25
	SLN10-100	A	63	10	35	-	100	15	14	165.4	M100U120	1.45
	SLN12-63	A	63	12	42	-	63	22.5	-	128.4	M120U140	1.26
	SLN12-100	A	63	12	42	-	100	20	16	165.4	M120U140	1.50
	SLN16-63	A	63	16	48	-	63	24	-	128.4	M140U160	1.31
	SLN16-100	A	63	16	48	-	100	22	18	165.4	M140U160	1.52
	SLN20-63	A	63	20	52	-	63	25	-	128.4	M160U160	1.33
	SLN20-100	A	63	20	52	-	100	25	20	165.4	M160U160	1.60
	SLN25-100	A	63	25	65	-	100	24	25	165.4	M180Z180P	2.32
	SLN32-100	A	63	32	72	-	100	24	28	165.4	M200Z180P	3.80

轉下頁
See next page

SLN

BT-SLN Side-lock Holder
BT-SLN側固式刀柄

加工中心刀柄

ISO刀柄

BT刀柄

SK刀柄

ISO刀柄

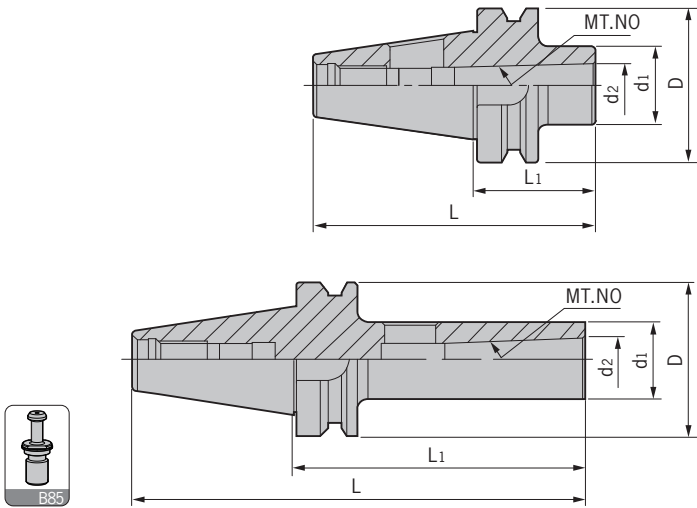
刀柄配件

型號 Specification	圖示 Figure	D	d ₁	d ₂	d ₃	L ₁	L ₂	L ₃	L	側面壓緊螺釘 Side-lock screw	重量 Weight	
BT50-	SLN6-63	A	100	6	25	-	63	18	-	164.8	M060U080	3.80
	SLN6-100	A	100	6	25	-	100	12	10	201.8	M060U080	4.20
	SLN8-63	A	100	8	28	-	63	18	-	164.8	M080U100	3.80
	SLN8-100	A	100	8	28	-	100	14	12	201.8	M080U100	4.22
	SLN10-63	A	100	10	35	-	63	18	-	164.8	M100U100	3.80
	SLN10-100	A	100	10	35	-	100	15	14	201.8	M100U120	4.25
	SLN12-80	A	100	12	42	-	80	22.5	-	181.8	M120U140	3.99
	SLN12-125	A	100	12	42	-	125	20	16	226.8	M120U140	5.00
	SLN16-80	A	100	16	48	-	80	24	-	181.8	M140U160	4.03
	SLN16-125	A	100	16	48	-	125	22	18	226.8	M140U160	5.20
	SLN16-165L	B	100	16	48	53	165	22	18	266.8	M140U160	6.30
	SLN20-80	A	100	20	52	-	80	25	-	181.8	M160U160	4.03
	SLN20-125	A	100	20	52	-	125	25	20	226.8	M160U160	5.30
	SLN20-165L	B	100	20	52	57	165	25	20	266.8	M160U160	6.35
	SLN20-210L	B	100	20	52	59	210	25	20	316.8	M160U160	7.25
	SLN25-100	A	100	25	65	-	100	24	25	201.8	M180Z180P	4.62
	SLN25-165L	B	100	25	65	70	165	24	25	266.8	M180Z180P	6.63
	SLN25-210L	B	100	25	65	70	210	24	25	311.8	M180Z180P	7.30
	SLN32-105	A	100	32	72	-	105	24	28	206.8	M200Z180P	4.80
	SLN32-165L	B	100	32	72	77	165	24	28	266.8	M200Z180P	6.70
	SLN32-210L	B	100	32	72	77	210	24	28	311.8	M200Z180P	7.50
	SLN40-115	A	100	40	90	-	115	30	32	216.8	M200Z180P	5.42
	SLN42-120	A	100	42	90	-	120	30	32	221.8	M200Z180P	6.14
	SLN42-210L	B	100	42	90	95	210	30	32	311.8	M200Z180P	7.23
	SLN50-120	A	100	50	90	-	120	35	35	221.8	M200Z180P	5.65
	SLN50.8-120	A	100	50.8	90	-	120	33	34.54	221.8	M200Z180P	5.58

注：扳手需單獨訂購。
Notice: Wrenchs shall be ordered separately.

MTA

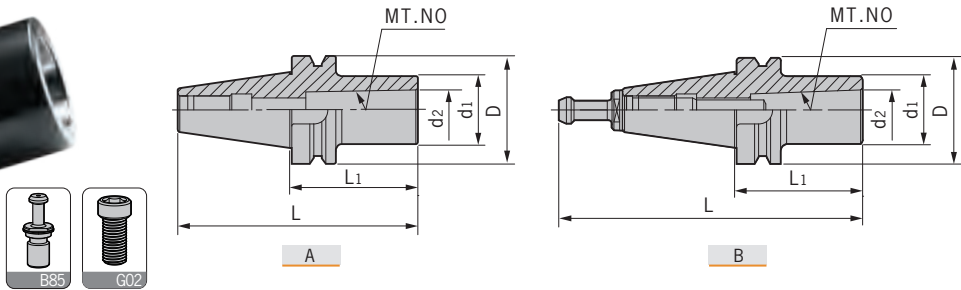
BT-MTA Morse Taper Holder
BT-MTA莫氏錐套刀柄（鑽頭套筒）



型號 Specification	莫氏錐度 MT.NO	D	d1	d2	L1	L	重量 Weight
BT30-	MTA1-45	1	46	25	12.065	45	93.4
	MTA1-105	1	46	25	12.065	105	153.4
	MTA2-60	2	46	32	17.780	60	108.4
	MTA2-120	2	46	32	17.780	120	168.4
BT40-	MTA3-80	3	46	40	23.825	80	128.4
	MTA1-45	1	63	25	12.065	45	110.4
	MTA1-120	1	63	25	12.065	120	185.4
	MTA2-50	2	63	32	17.780	50	115.4
BT50-	MTA2-120	2	63	32	17.780	120	185.4
	MTA3-70	3	63	40	23.825	70	135.4
	MTA3-135	3	63	40	23.825	135	200.4
	MTA4-95	4	63	48	31.267	95	160.4
	MTA4-165	4	63	48	31.267	165	230.4
	MTA1-45	1	100	25	12.065	45	146.8
	MTA1-120	1	100	25	12.065	120	221.8
	MTA1-180	1	100	25	12.065	180	281.8
	MTA2-60	2	100	32	17.780	60	161.8
	MTA2-135	2	100	32	17.780	135	236.8
	MTA2-180	2	100	32	17.780	180	281.8
	MTA3-65	3	100	40	23.825	65	166.8
	MTA3-150	3	100	40	23.825	150	251.8
	MTA3-180	3	100	40	23.825	180	281.8
	MTA4-95	4	100	48	31.267	95	196.8
	MTA4-180	4	100	48	31.267	180	281.8
	MTA5-105	5	100	63	44.399	105	206.8

MTB/SPU

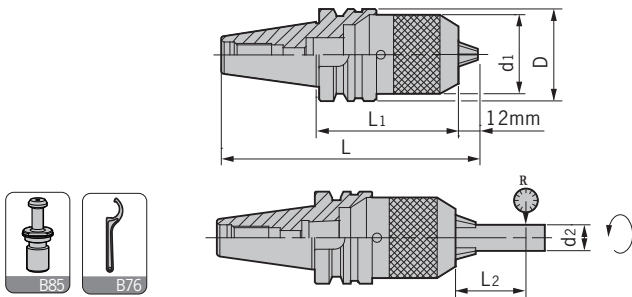
BT-MTB Morse Taper Holder
BT-MTB莫氏錐套刀柄（螺絲鎖緊）



	型號 Specification	莫氏錐度 MT.NO	圖示 Figure	D	d ₁	d ₂	L ₁	L	拉緊螺釘 Tension screw	範圍 Range	重量 Weight
BT30-	MTB1-45	1	A	46	25	12.065	45	93.4	E060U160	Φ10-Φ14	0.55
	MTB2-60	2	B	46	32	17.780	60	108.4	BT30-45-MT2	Φ16-Φ22	0.60
BT40-	MTB1-45	1	A	63	25	12.065	45	110.4	E060U160	Φ10-Φ14	1.00
	MTB2-50	2	A	63	32	17.780	50	115.4	E100U300-MTB	Φ16-Φ22	1.02
	MTB3-75	3	B	63	40	23.825	75	140.4	BT40-45-MT3	Φ24-Φ32	1.19
	MTB4-90	4	B	63	48	31.267	90	155.4	BT40-45-MT4	Φ32-Φ50	1.33
BT50-	MTB1-45	1	A	100	25	12.065	45	146.8	E060U250	Φ10-Φ14	3.30
	MTB2-45	2	A	100	32	17.780	45	151.8	E100U350	Φ16-Φ22	3.57
	MTB3-60	3	A	100	40	23.825	60	161.8	E120U400	Φ24-Φ32	3.61
	MTB4-75	4	A	100	50	31.267	75	176.8	E160U400-MTB	Φ32-Φ50	3.68
	MTB5-120	5	B	100	70	44.399	120	221.8	BT50-45-MT5	Φ55-Φ60	4.10

注：報價時含拉緊螺釘。
Notice:Tension screw is included.

BT-SPU Drill Chuck Holder
BT-SPU直結式鑽夾頭刀柄



型號 Specification		D	d ₁	d ₂	L ₁	L ₂	L	偏擺精度 R	夾持範圍 Range	重量 Weight
BT30-	SPU8-80	46	37	8	80	55	137.4	0.04	0-8	0.72
	SPU13-110	46	50	13	110	75	170.4	0.04	0.3-13	1.62
	SPU16-120	46	57	16	120	80	180.4	0.04	3-16	1.70
BT40-	SPU8-85	63	37	8	85	55	159.4	0.04	0-8	1.36
	SPU13-100	63	50	13	100	75	177.4	0.04	0.3-13	1.76
	SPU13-130	63	50	13	130	75	207.4	0.04	0.3-13	2.47
	SPU16-105	63	57	16	105	80	187.4	0.04	3-16	2.18
BT50-	SPU8-90	100	37	8	90	55	200.4	0.04	0-8	4.32
	SPU13-100	100	50	13	100	75	213.4	0.04	0.3-13	4.98
	SPU13-130	100	50	13	130	75	243.4	0.04	0.3-13	5.50
	SPU13-180	100	50	13	180	75	293.4	0.04	0.3-13	6.06
	SPU16-105	100	57	16	105	80	223.4	0.04	3-16	4.78
	SPU16-130	100	57	16	130	80	248.4	0.04	3-16	5.24
	SPU16-190	100	57	16	190	80	308.8	0.04	3-16	6.66

注：報價時含扳手。
Notice:Wrench is included.

FMA

BT-FMA Face Mill Holder
BT-FMA平面銑刀柄（直柄式）

加工中心刀柄

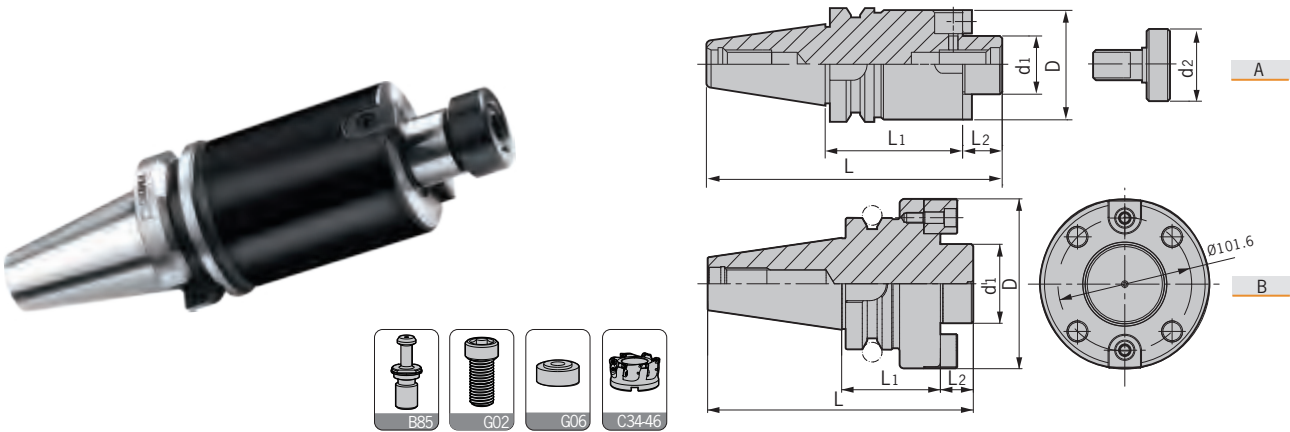
ISO刀柄

BT刀柄

SK刀柄

ISO刀柄

刀柄配件



	型號 Specification	圖示 Figure	D	d ₁	d ₂	L ₁	L ₂	L	刀盤鎖緊螺釘 Locking screw for cutter	墊圈 Washer	重量 Weight
BT30-	FMA25.4-45	A	50	25.40	31.5	45	20	113.4	E120U300	-	1.10
	FMA25.4-60	A	50	25.40	31.5	60	20	128.4	E120U300	-	1.30
	FMA31.75-45	A	60	31.75	40	45	22	115.4	E160U350	-	1.35
BT40-	FMA25.4-45	A	50	25.40	31.5	45	20	130.4	E120U300	-	1.54
	FMA25.4-60	A	50	25.40	31.5	60	20	145.4	E120U300	-	1.77
	FMA25.4-90	A	50	25.40	31.5	90	20	175.4	E120U300	-	2.23
	FMA25.4-105	A	50	25.40	31.5	105	20	190.4	E120U300	-	2.47
	FMA31.75-45	A	60	31.75	40	45	22	132.4	E160U350	FM-2	1.65
	FMA31.75-75	A	60	31.75	40	75	22	162.4	E160U350	FM-2	2.31
	FMA31.75-90	A	60	31.75	40	90	22	177.4	E160U350	FM-2	2.64
	FMA38.10-60	A	75	38.10	50	60	25	150.4	E160U350	FM-3	2.36
	FMA50.80-60	A	95	50.80	65	60	36	161.4	E160U350	-	3.50
BT50-	FMA25.4-45	A	50	25.40	31.5	45	20	166.8	E120U300	-	3.87
	FMA25.4-90	A	50	25.40	31.5	90	20	211.8	E120U300	-	4.54
	FMA25.4-150	A	50	25.40	31.5	150	20	271.8	E120U300	-	5.47
	FMA31.75-45	A	60	31.75	40	45	22	168.8	E160Z350-40	-	4.04
	FMA31.75-75	A	60	31.75	40	75	22	198.8	E160Z350-40	-	4.72
	FMA31.75-105	A	98	31.75	40	105	22	228.8	E160Z350-40	-	7.19
	FMA38.10-45	A	80	38.10	50	45	25	171.8	E160Z350-50	-	4.27
	FMA38.10-75	A	80	38.10	50	75	25	201.8	E160Z350-50	-	5.48
	FMA50.80-45	A	95	50.80	65	45	36	182.8	E240Z350-65	-	4.74
	FMA50.80-75	A	95	50.80	65	75	36	212.8	E240Z350-65	-	6.35
	FMA47.625F-75	B	128.75	47.625	-	75	32	208.8	E160U500	-	7.60

FMB

BT-FMB Face Mill Holder
BT-FMB平面銑刀柄（直柄式）

加工中心刀柄

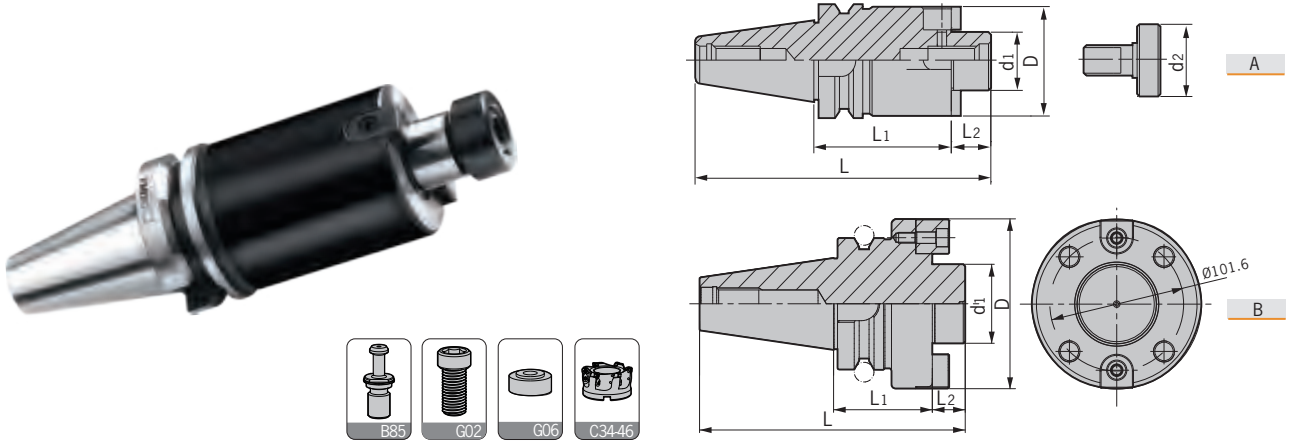
ISO刀柄

BT刀柄

SK刀柄

ISO刀柄

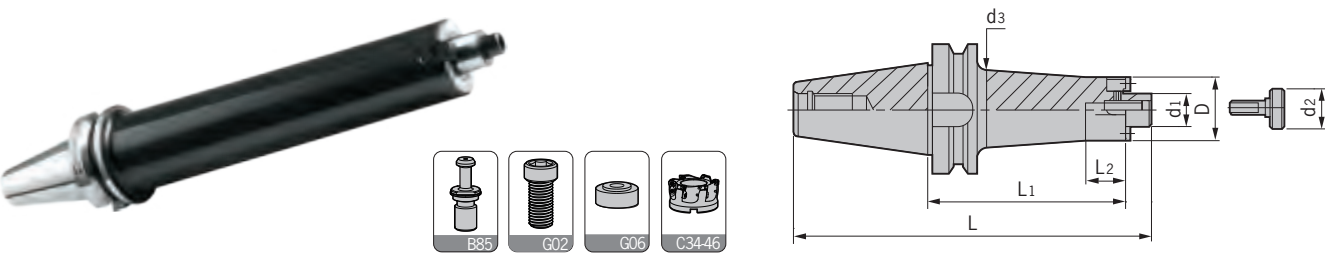
刀柄配件



	型號	圖示	D	d ₁	d ₂	L ₁	L ₂	L	刀盤鎖緊螺釘	墊圈	重量	
	Specification	Figure							Locking screw for cutter	Washer	Weight	
BT30-	FMB22-45	A	48	22	16	45	18	111.4	E100U300	-	0.85	
	FMB22-60	A	48	22	16	60	18	126.4	E100U300	-	1.25	
	FMB27-45	A	60	27	33	45	20	113.4	E120U300	FM-1	1.20	
	FMB27-60	A	60	27	33	60	20	128.4	E120U300	FM-1	1.35	
	FMB32-45	A	78	32	40	45	22	115.4	E160U350	-	1.35	
BT40-	FMB22-45	A	48	22	16	45	18	128.4	E100U300	-	1.31	
	FMB22-60	A	48	22	16	60	18	143.4	E100U300	-	1.51	
	FMB22-90	A	48	22	16	90	18	173.4	E100U300	-	1.94	
	FMB22-150	A	48	22	16	150	18	233.4	E100U300	-	2.70	
	FMB22-200	A	48	22	16	200	18	283.4	E100U300	-	3.43	
	FMB27-45	A	60	27	33	45	20	130.4	E120U300	FM-1	1.52	
	FMB27-60	A	60	27	33	60	20	145.4	E120U300	FM-1	1.86	
	FMB27-90	A	60	27	33	90	20	175.4	E120U300	FM-1	2.51	
	FMB27-105	A	60	27	33	105	20	190.4	E120U300	FM-1	2.86	
	FMB32-45	A	78	32	40	45	22	132.4	E160U350	FM-2	1.87	
	FMB32-60	A	78	32	40	60	22	147.4	E160U350	FM-2	2.32	
	FMB40-60	A	85	40	50	60	25	150.4	E200U350	FM-3	2.47	
	BT50-	FMB22-45	A	48	22	16	45	18	164.8	E100U300	-	3.79
		FMB22-90	A	48	22	16	90	18	209.8	E100U300	-	4.53
		FMB22-150	A	48	22	16	150	18	269.8	E100U300	-	5.27
FMB22-200		A	48	22	16	200	18	319.8	E100U300	-	5.97	
FMB22-250		A	48	22	16	250	18	369.8	E100U300	-	6.69	
FMB22-300		A	48	22	16	300	18	419.8	E100U300	-	7.42	
FMB22-350		A	48	22	16	350	18	469.8	E100U300	-	8.13	
FMB22-400		A	48	22	16	400	18	519.8	E100U300	-	8.83	
FMB27-50		A	60	27	33	50	20	171.8	E120U300	FM-1	4.04	
FMB27-90		A	60	27	33	90	20	211.8	E120U300	FM-1	4.94	
FMB27-150		A	60	27	33	150	20	271.8	E120U300	FM-1	6.25	
FMB27-200		A	60	27	33	200	20	321.8	E120U300	FM-1	7.37	
FMB27-250		A	60	27	33	250	20	371.8	E120U300	FM-1	8.51	
FMB32-50		A	78	32	40	50	22	173.8	E160Z350-40	-	4.40	
FMB32-90		A	78	32	40	90	22	213.8	E160Z350-40	-	5.79	
FMB32-150		A	78	32	40	150	22	273.8	E160Z350-40	-	7.10	
FMB40-50		A	85	40	50	50	25	176.8	E200Z350-50	-	4.57	
FMB40-90		A	85	40	50	90	25	216.8	E200Z350-50	-	6.45	
FMB40-105		A	85	40	50	105	25	231.8	E200Z350-50	-	7.02	
FMB60F-75		B	140	60	-	75	25	201.8	E160U500	-	8.00	

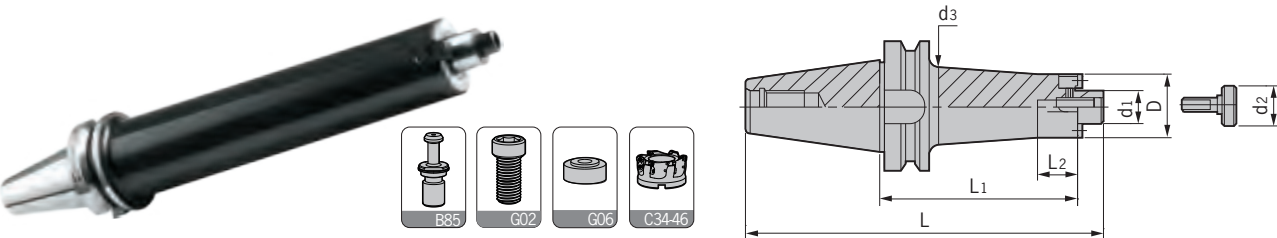
FMA/FMB

BT-FMA-BG Face Mill Holder With Extra Taper Shank
BT-FMA-BG平面銑刀柄（加長斜度柄）



型號 Specification	D	d1	d2	d3	L1	L2	L	刀盤鎖緊螺釘 Lockingscrew for cutter	重量 Weight
BT50- FMA25.4-125BG	48	25.4	31.5	60	125	30	246.8	E120U300	5.60
FMA25.4-150BG	48	25.4	31.5	60	150	30	271.8	E120U300	6.20
FMA25.4-200BG	58	25.4	31.5	62.5	200	30	321.8	E120U300	7.50
FMA25.4-250BG	58	25.4	31.5	62.5	250	30	371.8	E120U300	8.40
FMA25.4-300BG	58	25.4	31.5	62.5	300	30	421.8	E120U300	9.40
FMA25.4-350BG	58	25.4	31.5	62.5	350	30	471.8	E120U300	9.70
FMA25.4-400BG	58	25.4	31.5	62.5	400	30	521.8	E120U300	10.50
FMA31.75-125BG	70	31.75	40	75	125	30	248.8	E160Z500-40	5.60
FMA31.75-150BG	70	31.75	40	75	150	30	273.8	E160Z500-40	6.30
FMA31.75-175BG	70	31.75	40	75	175	30	298.8	E160Z500-40	8.30
FMA31.75-200BG	70	31.75	40	75	200	30	323.8	E160Z500-40	9.10
FMA31.75-250BG	70	31.75	40	75	250	30	373.8	E160Z500-40	10.60
FMA31.75-300BG	70	31.75	40	75	300	30	423.8	E160Z500-40	12.10
FMA31.75-350BG	70	31.75	40	75	350	30	473.8	E160Z500-40	13.60

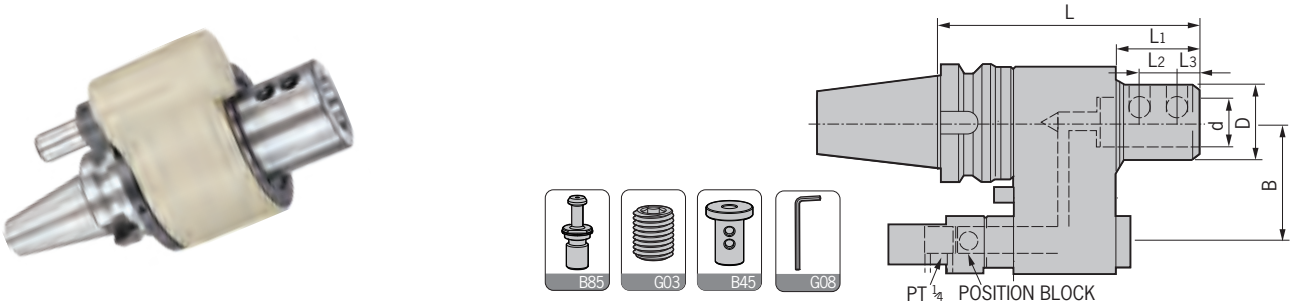
BT-FMB-BG Face Mill Holder With Extra Taper Shank
BT-FMB-BG平面銑刀柄（加長斜度柄）



型號 Specification	D	d1	d2	d3	L1	L2	L	刀盤鎖緊螺釘 Lockingscrew for cutter	重量 Weight
BT40- FMB22-150BG	48	22	16	50	150	30	233.4	E100U300	2.83
FMB22-200BG	48	22	16	50	200	30	283.4	E100U300	3.57
FMB22-250BG	48	22	16	50	250	30	333.4	E100U300	4.29
FMB22-300BG	48	22	16	50	300	30	383.4	E100U300	5.04
FMB22-350BG	48	22	16	50	350	30	433.4	E100U300	5.79
FMB22-400BG	48	22	16	50	400	30	483.4	E100U300	6.58
BT50- FMB22-150BG	58	22	16	62.5	150	58	269.8	E100U300	6.17
FMB22-200BG	58	22	16	62.5	200	58	319.8	E100U300	7.28
FMB22-250BG	58	22	16	62.5	250	58	369.8	E100U300	8.41
FMB22-300BG	58	22	16	62.5	300	58	419.8	E100U300	9.55
FMB22-350BG	58	22	16	62.5	350	78	469.8	E100U300	10.72
FMB22-400BG	58	22	16	62.5	400	78	519.8	E100U300	11.92
FMB22-450BG	58	22	16	62.5	450	78	569.8	E100U300	13.20
FMB22-500BG	58	22	16	62.5	500	78	619.8	E100U300	14.36

SLO/CSO/PB

BT-SLO Oil-feed Holder
BT-SLO油路刀柄

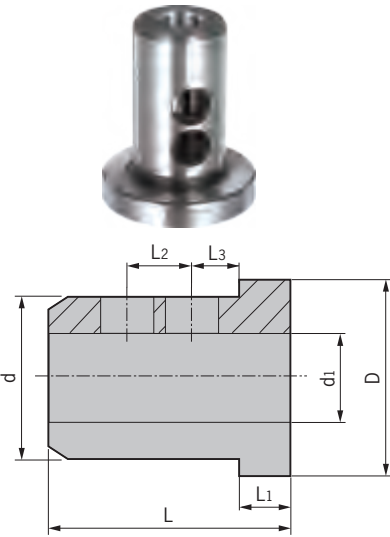


型號 Specification	D	d	L1	L2	L3	L	B	側面壓緊螺釘 Side-lock screw	扳手 Wrench	重量 Weight
BT40- SLO32-150	72	32	50	15	15	150	60/65	M120U200	L06D	5.33/5.35
SLO40-150	72	40	50	18	19	150	60/65	M140U160	L08D	5.04/5.07
BT50- SLO32-160	72	32	50	15	15	160	80/82	M120U200	L06D	8.63/8.65
SLO40-160	72	40	50	18	19	160	80/82	M140U160	L08D	8.33/8.35

注：報價時含扳手，請于訂購時，依據機臺規格確認中心距離B的尺寸。
Notice:1.Wrench is included; 2.Before order please check the distance B.

CSO Reducing Sleeve
CSO油路刀套

型號 Specification	D	d	d1	L1	L2	L3	L	重量 Weight
CSO 32-16	53	32	16	10	15	15	65	0.40
32-20	53	32	20	10	15	15	65	0.35
32-25	53	32	25	10	15	15	65	0.26
40-16	63	40	16	10	18	19	75	0.74
40-20	63	40	20	10	18	19	75	0.68
40-25	63	40	25	10	18	19	75	0.59
40-32	63	40	32	10	18	19	75	0.41



PB Oil-feed Holder Positioning Block
PB油路止動塊

型號 Specification	重量 Weight
BT40-PB30-35	0.53
BT50-PB30-35	0.46

注意：在使用油路刀柄時，止動塊是必需的配套附件。
止動塊可安裝到ATC等機器上。因此，隨着越來越多的不同型號的機器，有必要與機械制造商協商正確安裝。
Notice:Using oil-feed holder, positioning block illustrated here is necessary.
This positioning block can be mounted to different machines. As the mounting differs with different machines, it is necessary to consult the machine manufacturer about the proper mounting.

