

一体型 3°

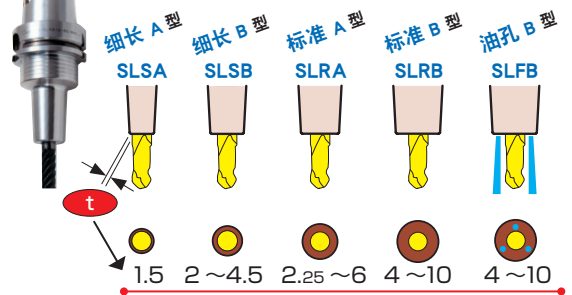
- 按照刀柄的形状、刀具夹持径、刀柄长度(L)、加工有效长度(M)、和刀柄先端部分壁厚的不同共有3000种丰富产品,可以按照加工目的从中选择最适合的刀柄。
- 一体型刀柄不仅在精度、刚性和平衡特性上都表现出色,其半角3度的超细型本体更具高接近性,最适合深腔直壁加工。

根据工件形状
选择最适合尺寸

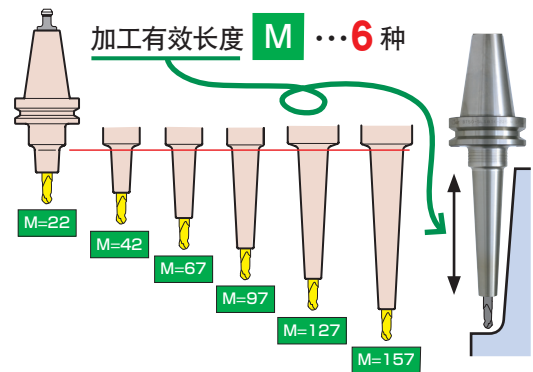


3000种丰富产品

刀柄先端部壁厚...5种



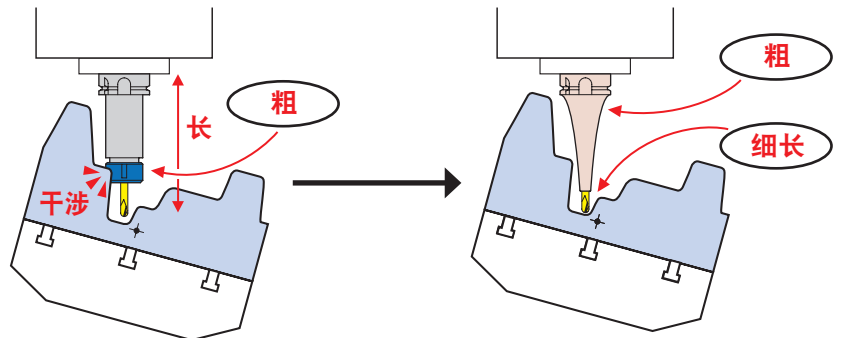
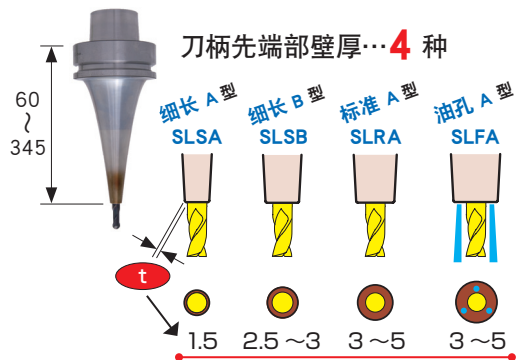
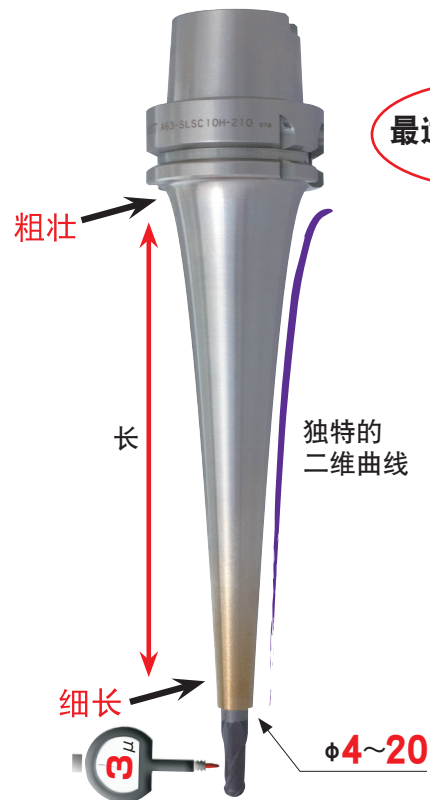
加工有效长度 M ...6种



一体型 CURVE PAT.P

- 前端细长根部粗壮,最适合于需要刀柄突出长度很长的5轴加工与需要刚性的零部件加工

最适合5轴加工



5轴加工时,为了避免主轴头与工件之间的干涉,工具(刀柄+刀具)的全长必然会变长。传统的刀柄(筒夹刀柄,强力铣刀柄)由于前端部体积大,容易对工件产生干涉。

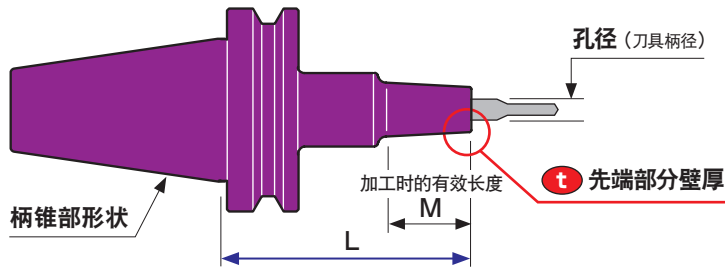
SLIMLINE CURVE具有独特的二维曲线,前端极限的细长,根部尽可能粗壮。不仅体长而且又具有刚性。

热装式刀柄 SLIMLINE

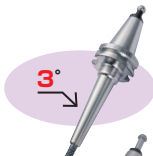
一体型

一体型系列

编码体系



● 一体型 3°



柄锥部形状 **BT50** - 刀柄型式 **SLSA** 孔径 **3** - L **110** - **M42**

● 一体型 CURVE



柄锥部形状 **BT50** - 刀柄型式 **SLSA** 孔径 **4** - L **165** **CV**

● UNO



柄锥部形状 **E 32** - 刀柄型式 **SLRA** 孔径 **4** - L **50** - **M22 UNO**

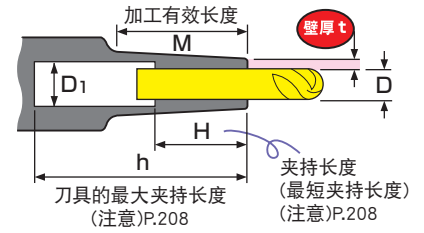
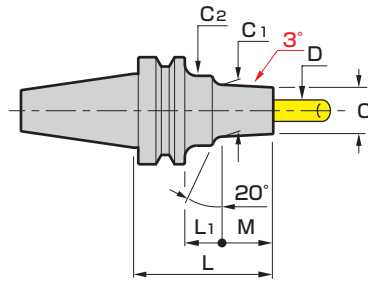
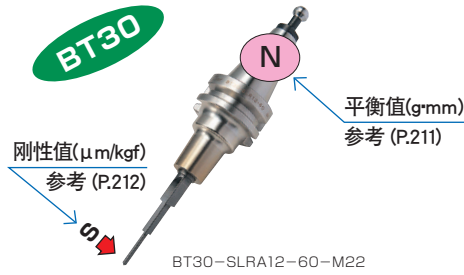
加工时的有效长度

		页	
BT (MAS规格)	BT30	3°	34
		CURVE	
	BT40	3°	38
		CURVE	44
	BT50	3°	68
		CURVE	77
HSK (DIN规格)	A 40	3°	97
	A 50	3°	101
	A 63	3°	104
		CURVE	110
	A100	3°	134
		CURVE	140
	E 25	3°	163
	E 32	3°	165
		CURVE	
	E 40	3°	168
	E 50	3°	173
		CURVE	175
专用柄	F 63	3°	181
		CURVE	182
	15T	3°	192
	S20T	3°	193
	HT20	3°	194
	RS20	3°	

	3	3.175	4	5	6	8	10	12	16	20	25
BT30	●	●	●		●	●	●	●	●	●	
BT40			●		●	●	●	●	●	●	●
BT50	●		●	●	●	●	●	●	●	●	●
A 40	●	●	●	●	●	●	●	●	●	●	
A 50	●		●	●	●	●	●	●	●	●	
A 63	●		●	●	●	●	●	●	●	●	●
A100	●		●	●	●	●	●	●	●	●	●
E 25	●	●	●	●	●						
E 32	●	●	●	●	●			●			
E 40	●	●	●	●	●	●	●	●	●	●	
E 50	●		●	●	●	●	●	●	●	●	
F 63	●		●	●	●	●	●	●	●	●	●
15T	●	●	●	●	●	●					
S20T	●	●	●	●	●	●	●				
HT20	●		●	●	●	●	●				
RS20	●	●	●	●	●	●					

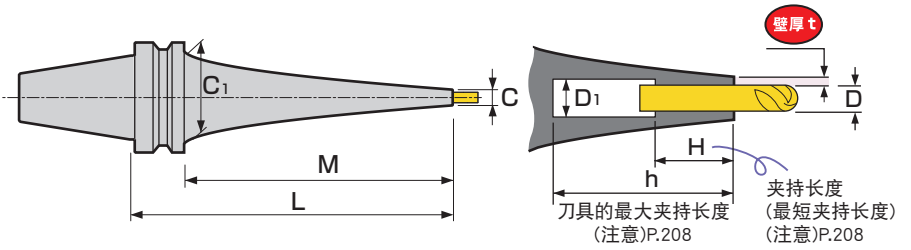
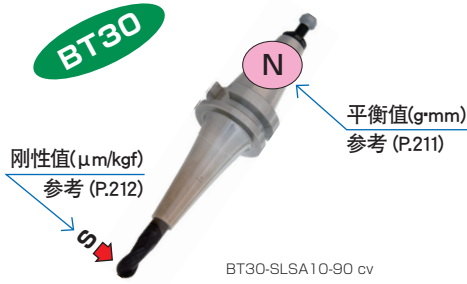
	t 壁厚
SLSA (细长A型)	1.5 (一定)
SLSB (细长B型)	2 ~ 4.5
SLRA (标准A型)	2.25 ~ 6
SLRB (标准B型)	4 ~ 10
SLFA (油孔A型)	3.5 ~ 5
SLFB (油孔B型)	3.25 ~ 10





■选购品 ●拉钉 (→P.198)

缩略图	编码	φD	φC	t	L	M	L ₁	φC ₁	φC ₂	φD ₁	H	h	Kg	N	S
1	BT30-SLSA 3 - 60-M22	3	6	1.5	60	22	16	8.3	20	4	9	80	0.4	0.8	4.7
2	- 75-M22				75		31	25	99			4.6			
3	- 80-M42				80	42	16	10.4	20			100			9.4
4	- 95-M42				95		31	25	119			9.2			
5	-120-M67				120	67		13	144			0.5			1.6
6	-SLRA 3 - 75-M22			7.5	2.25	75	22		9.8						99
7	BT30-SLSA3.175- 60-M22	3.175	6.175	1.5	60	22	16	8.5	20	4	9	80	0.4	0.8	4.5
8	- 75-M22				75		31	25	99			4.4			
9	- 95-M42				95	42		10.6	119			8.8			
10	BT30-SLSA 4 - 60-M22	4	7	1.5	60	22	16	9.3	20	5	12	80	0.4	0.8	3.7
11	- 75-M22				75		31	25	99			3.6			
12	- 95-M42				95	42		11.4	119			7.3			
13	-120-M67				120	67		14	144			0.5			1.6
14	-SLRA 4 - 75-M22			10	3	75	22		12.3						99
15	BT30-SLSA 6 - 60-M22	6	9	1.5	60	22	16	11.3	20	7	18	80	0.4	0.9	2.4
16	- 75-M22				75		31	25	99						
17	- 95-M42				95	42		13.4	119			4.9			
18	-120-M67				120	67		16	144			0.5			1.7
19	-SLRA 6 - 75-M22			12	3	75	22		14.3						99
20	BT30-SLRA 8 - 75-M22	8	14	3	75	22	31	16.3	25	9	24	99	0.4	0.9	1.2
21	BT30-SLRA10 - 75-M22	10	16	3	75	22	31	18.3	25	11	30	99	0.4	1.0	1.1
22	BT30-SLRA12 - 75-M22	12	20	4	75	22	31	22.3	25	13	30	99	0.5	1.2	1.0
23	BT30-SLRA16 - 60-M22	16	26	5	60	22	16	28.3	34	16.6	32	60	0.5	1.6	0.5
24	BT30-SLRA20 - 65-M22	20	32	6	65	22	21	34.3	40	20.6	38	60	0.6	2.1	0.4



■选购品 •拉钉 (→P.198)

缩略图	编码	ϕD	ϕC	t	L	M	ϕC_1	ϕD_1	H	h	Kg	N	S			
25	BT30-SLSA 4- 75 cv	4	7	1.5	75	53	34	5	12	99	0.5	1.0	1.8			
26	- 90 cv				90	68				114		1.1	2.8			
27	-120 cv				120	98				144		1.2	6.6			
28	-SLRA 4- 90 cv				10	3				90		68	114	1.0	2.0	
29	-120 cv	120	98	144			1.1	2.9								
30	-SLSA 6- 75 cv	6	9	1.5	75	53	34	7	18	99	0.5	1.3	1.5			
31	- 90 cv				90	68				114		1.0	2.4			
32	-120 cv				120	98				144		1.2	5.6			
33	-SLRA 6- 90 cv				13	3.5				90		68	114	1.1	1.6	
34	-120 cv	120	98	144			1.2	2.5								
35	BT30-SLSA 8- 75 cv	8	11	1.5	75	53	34	9	24	99	0.5	1.1	1.3			
36	- 90 cv				90	68				114		0.6	2.2			
37	-SLRA 8- 90 cv				16	4				90		68	114	0.5	1.2	1.1
38	-SLSA10- 75 cv				10	13				1.5		75	53	34	11	30
39	- 90 cv	90	68	114			1.4	2.0								
40	-SLRA10- 90 cv	19	4.5	0.6			1.5	1.1								

致 SLIMLINE CURVE (SLSC 型) 的使用客户

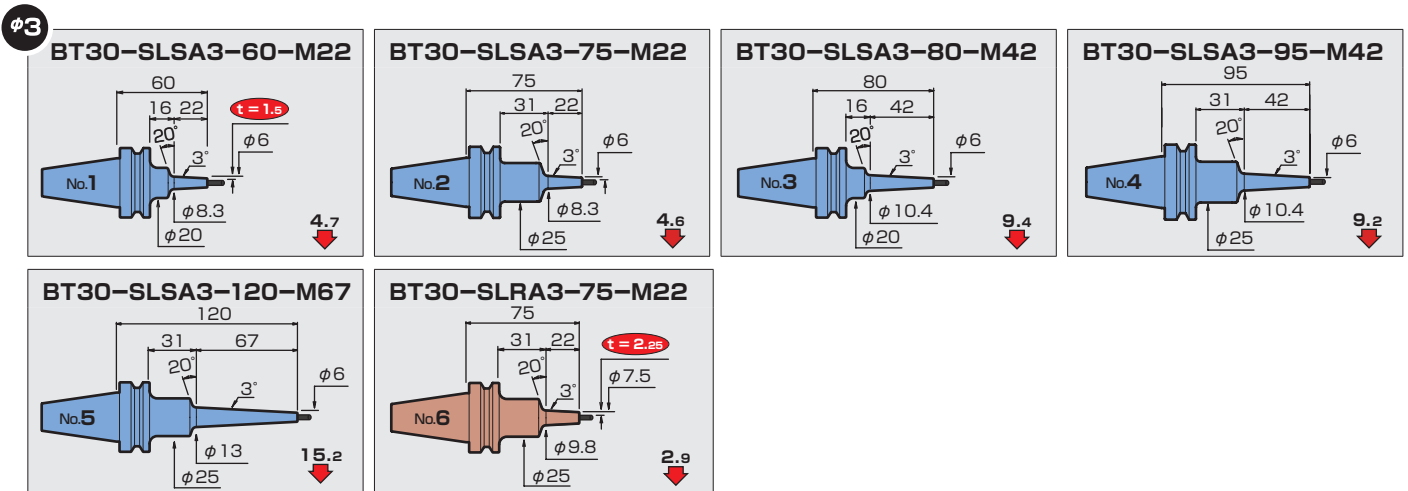
由于本次有新产品追加,产品编码有变化,请注意。

旧编码 (例) A63-SLSC6-120

新编码 (例) A63-SLSA6-120 CV

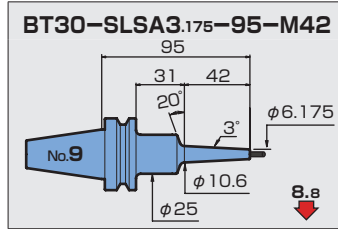
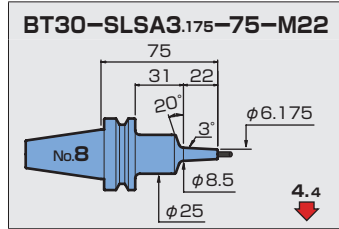
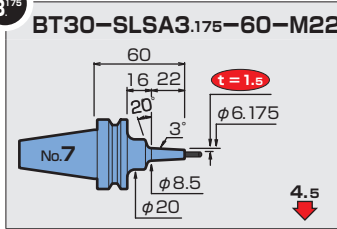
S=1:5

BT30 3° 缩略图

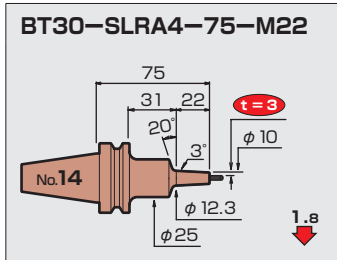
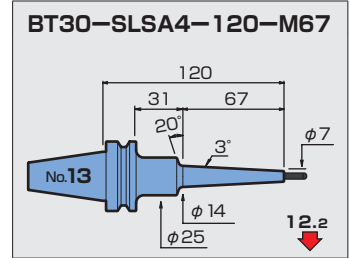
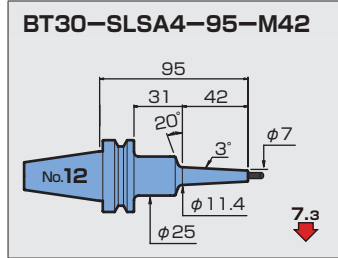
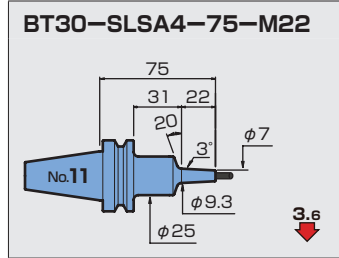
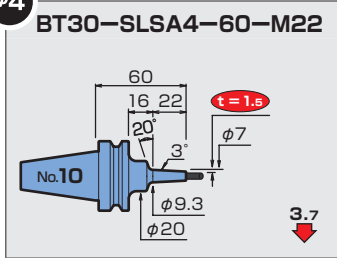


一体型系列

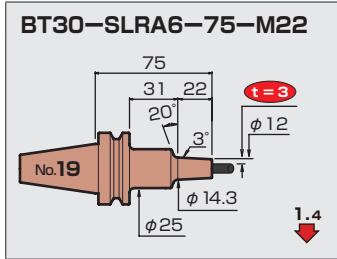
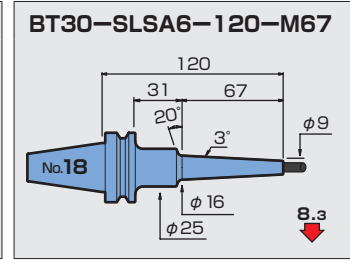
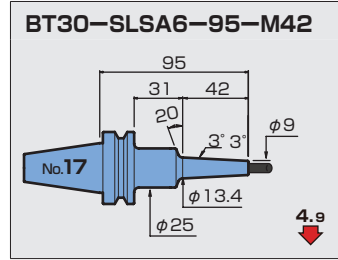
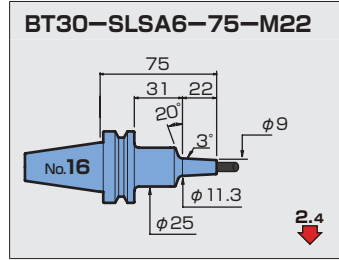
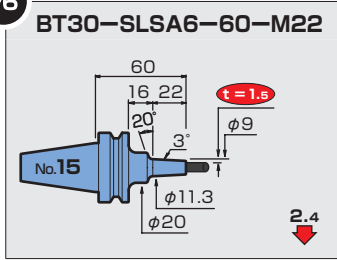
φ3¹⁷⁵



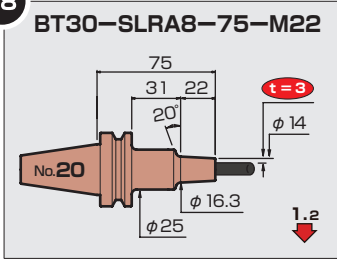
φ4



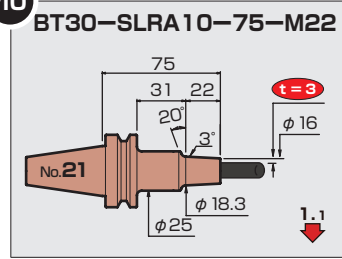
φ6



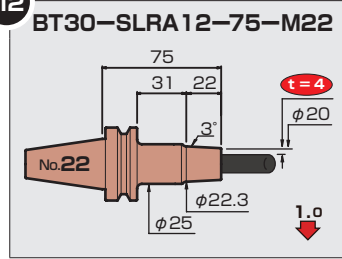
φ8



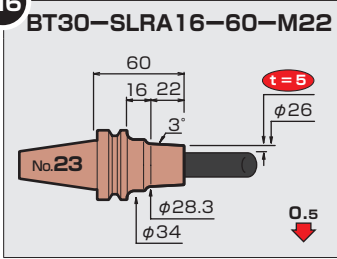
φ10



φ12



φ16



φ20

