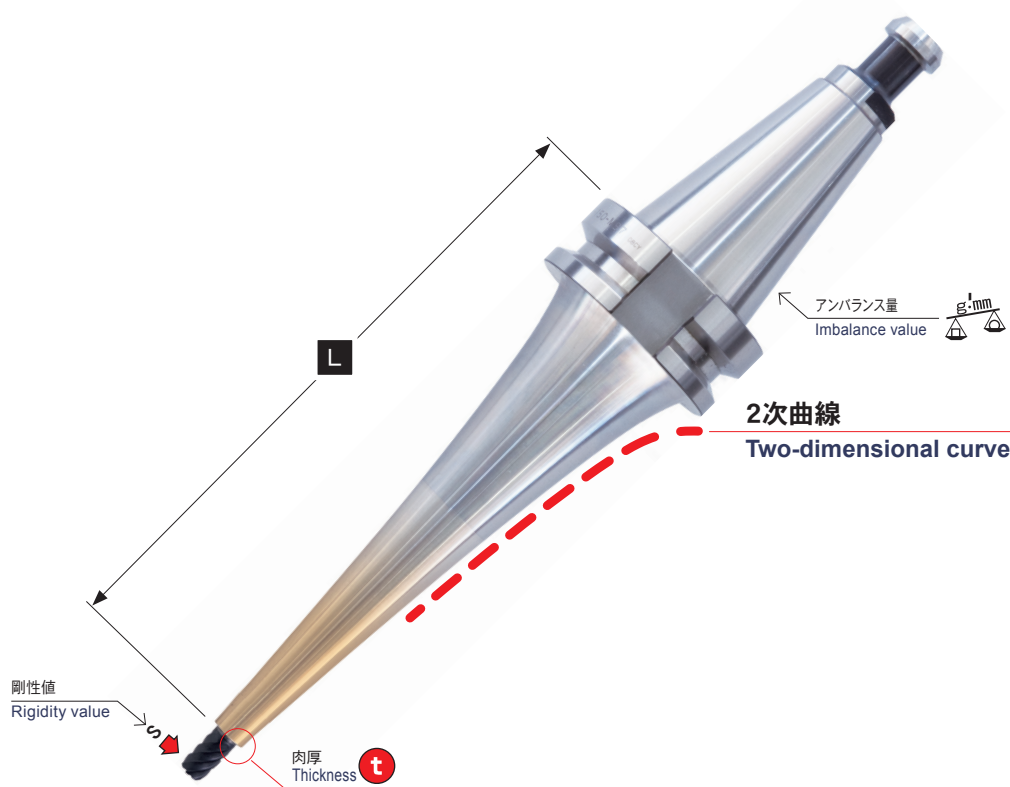


モノカーブ

MONO CURVE



シヤンク形状 Shank type	ホルダタイプ Holder type	3	110 cv
[Unit : mm]	t		L
BT30	1.5~4.5 [5種類 Kinds]	φ4~10 [4種類 Kinds]	75~120 [4種類 Kinds]
BT40	1.5~5 [7種類 Kinds]	φ4~20 [7種類 Kinds]	90~240 [6種類 Kinds]
BT50	1.5~5 [6種類 Kinds]		165~315 [6種類 Kinds]
A 63	1.5~5 [7種類 Kinds]	φ4~20 [7種類 Kinds]	90~300 [8種類 Kinds]
A100	1.5~5 [6種類 Kinds]		165~345 [7種類 Kinds]
E 32	1.5	φ4~10 [4種類 Kinds]	60, 90
E 40	1.5~4.5 [5種類 Kinds]		90, 120, 150
E 50			90~180 [4種類 Kinds]
F 63	1.5~5 [7種類 Kinds]	φ4~20 [7種類 Kinds]	90~300 [8種類 Kinds]
F80PD	7~10 [4種類 Kinds]	φ12~25 [4種類 Kinds]	75~240 [5種類 Kinds]

スリム型

SLIM type

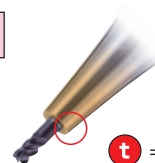
SLSA
SLSB

t = 1.5, 2.5, 3mm

- ・深堀加工に最適な低干渉タイプ
- ・ Less interference type, ideal for deep machining

レギュラー型

REGULAR type

SLRA
SLRB

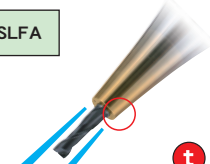
t = 3~5mm

- ・スリム型に比べ剛性が高くビビリのない安定加工を実現!
- ・ When compared to the slim type, it has more rigidity and achieves stable machining without chattering.

フラッシュ型

FLUSH type

SLFA



t = 3.5~5mm

- ・センタースルーに対応!
- ・ Use with through-spindle-coolant!

t タイプ別肉厚
Categorized by wall thickness

	φ4	6	8	10	12	16	20
SLSA	1.5						
SLSB						2.5	3
SLRA	3	3.5	4	4.5	5		
SLFB		3.5	4	4.5	5		

[Unit : mm]

スリムライン剛性値計算ソフト

簡単な条件設定で最適なホルダをリストアップします。

SLIMLINE Rigidity calculation software

By inputting a few simple conditions, the optimal holder will be selected for the user.



セーフティマーク

最低把持長を示す刻印をしています。マークより深く刃物を挿入してください。

Safety mark

Minimum insertion length is marked on the holder. Insert a cutting tool beyond this mark.



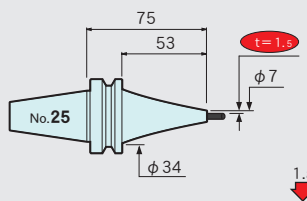
長期間 安全・高精度にお使い頂く為に!

To ensure long-term safety and high accuracy

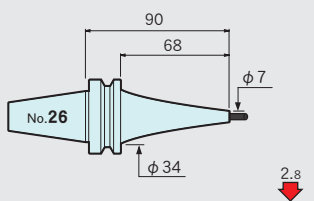
BT30cv

φ4

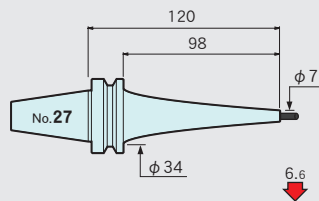
BT30-SLSA4-75 cv



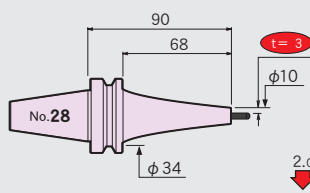
BT30-SLSA4-90 cv



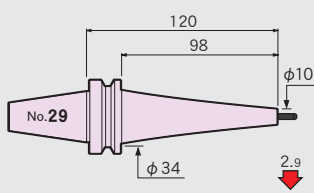
BT30-SLSA4-120 cv



BT30-SLRA4-90 cv

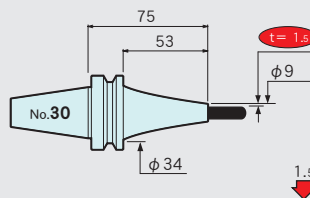


BT30-SLRA4-120 cv

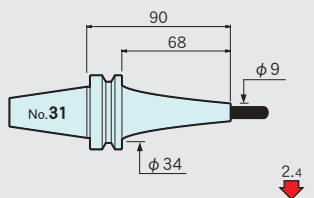


φ6

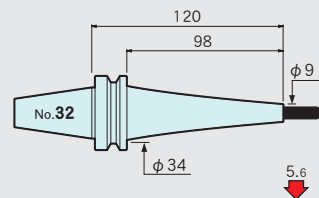
BT30-SLSA6-75 cv



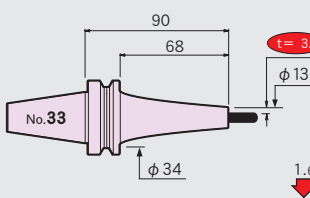
BT30-SLSA6-90 cv



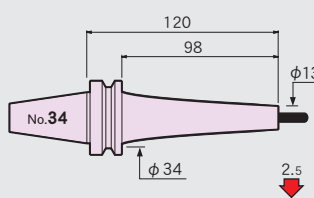
BT30-SLSA6-120 cv



BT30-SLRA6-90 cv

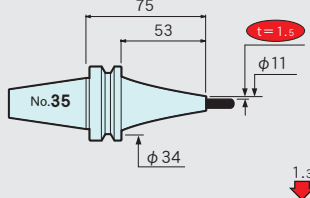


BT30-SLRA6-120 cv

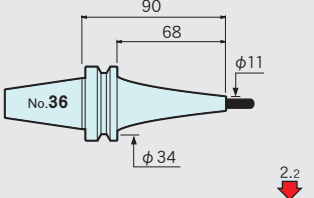


φ8

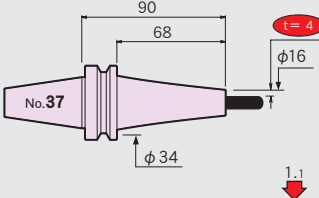
BT30-SLSA8-75 cv



BT30-SLSA8-90 cv

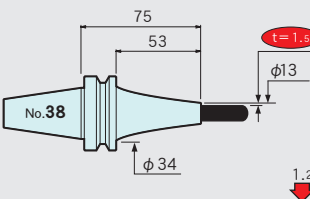


BT30-SLRA8-90 cv

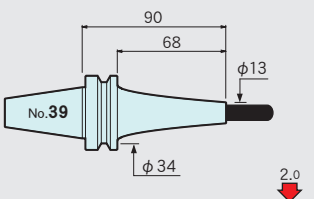


φ10

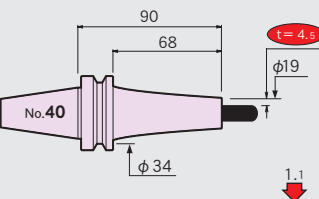
BT30-SLSA10-75 cv



BT30-SLSA10-90 cv



BT30-SLRA10-90 cv

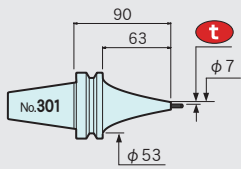


BT40cv

φ4 SLSA CV

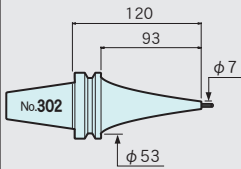
肉厚t=1.5

BT40-SLSA4-90 cv



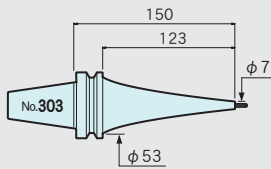
1.8

BT40-SLSA4-120 cv



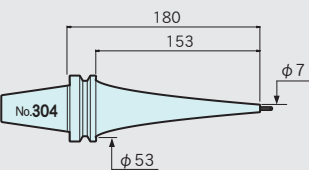
2.7

BT40-SLSA4-150 cv



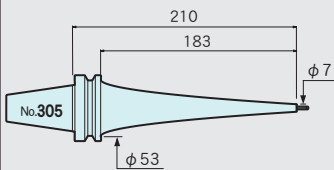
4.0

BT40-SLSA4-180 cv



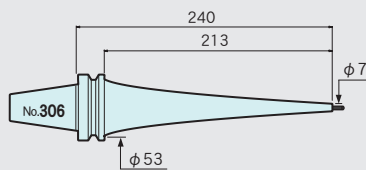
6.6

BT40-SLSA4-210 cv



11.6

BT40-SLSA4-240 cv

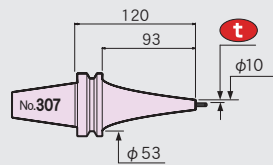


14.0

φ4 SLRA CV

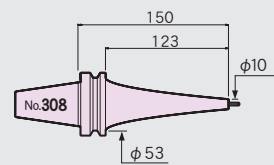
肉厚t=3

BT40-SLRA4-120 cv



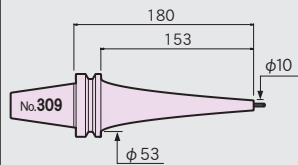
1.9

BT40-SLRA4-150 cv



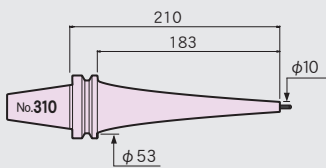
2.9

BT40-SLRA4-180 cv



4.2

BT40-SLRA4-210 cv

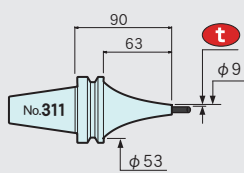


5.7

φ6 **SLSA CV**

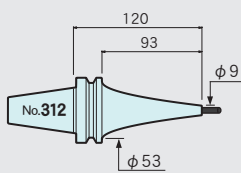
肉厚t=1.5

BT40-SLSA6-90 cv



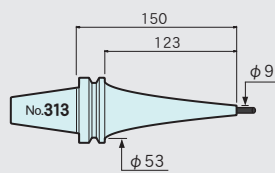
1.6

BT40-SLSA6-120 cv



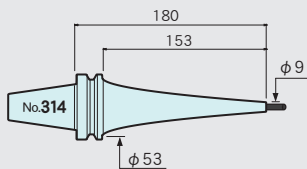
2.3

BT40-SLSA6-150 cv



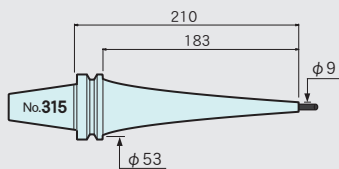
3.6

BT40-SLSA6-180 cv



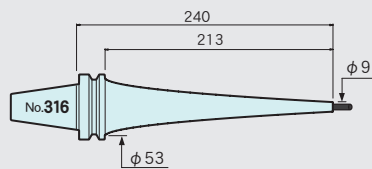
5.7

BT40-SLSA6-210 cv



7.3

BT40-SLSA6-240 cv

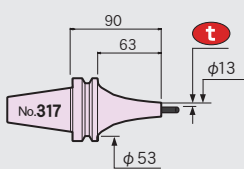


12.0

φ6 **SLRA CV**

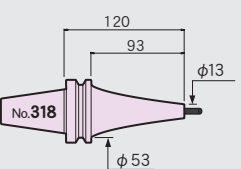
肉厚t=3.5

BT40-SLRA6-90 cv



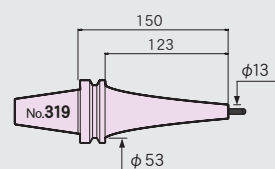
1.2

BT40-SLRA6-120 cv



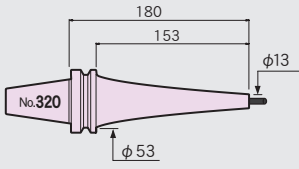
1.7

BT40-SLRA6-150 cv



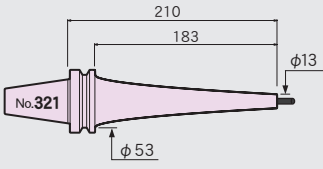
2.1

BT40-SLRA6-180 cv



2.8

BT40-SLRA6-210 cv

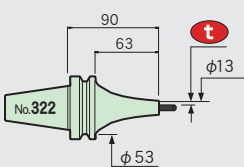


4.8

φ6 **SLFA CV**

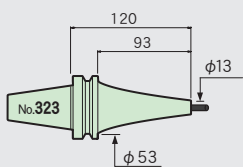
肉厚t=3.5

BT40-SLFA6-90 cv



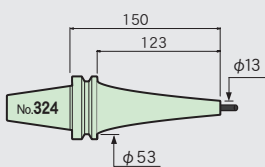
1.2

BT40-SLFA6-120 cv



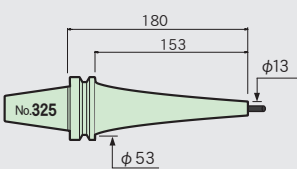
1.7

BT40-SLFA6-150 cv



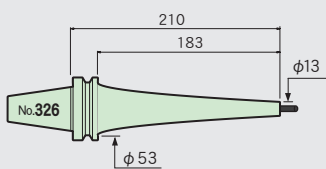
2.1

BT40-SLFA6-180 cv



2.8

BT40-SLFA6-210 cv

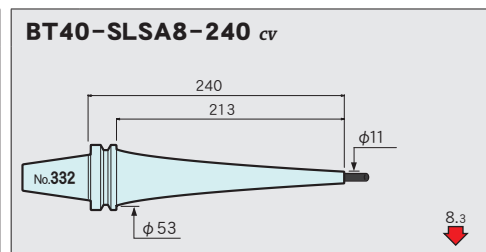
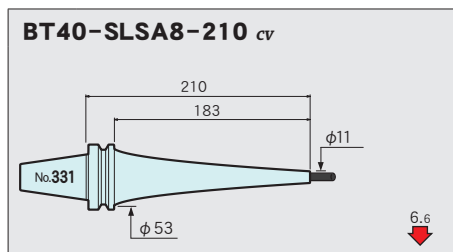
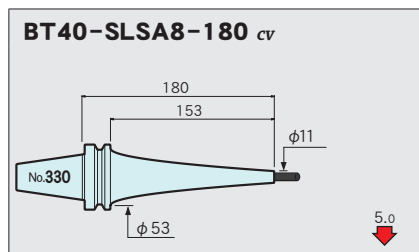
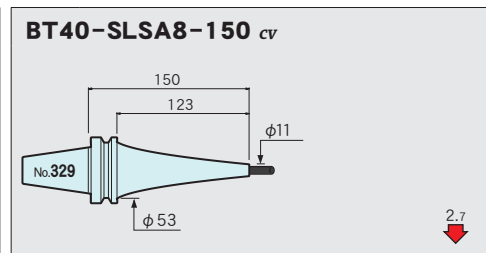
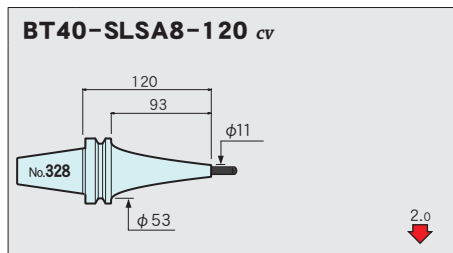
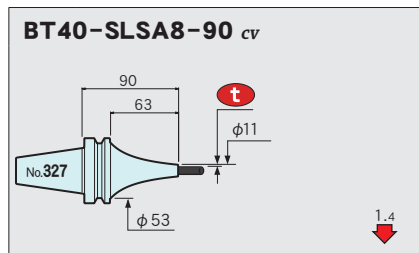


4.8



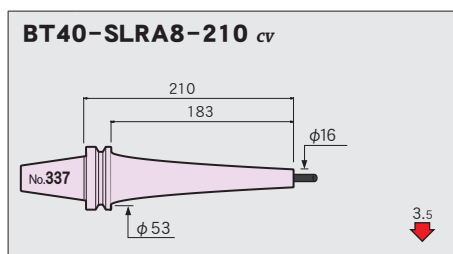
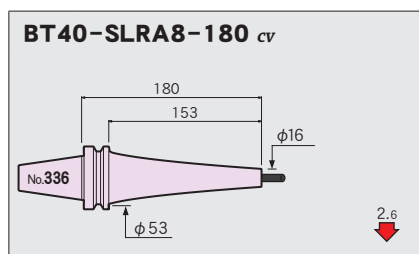
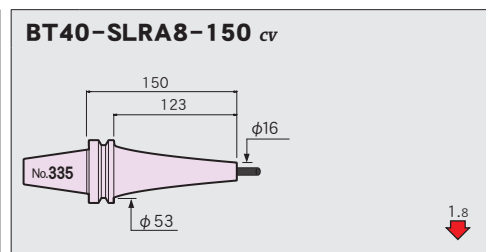
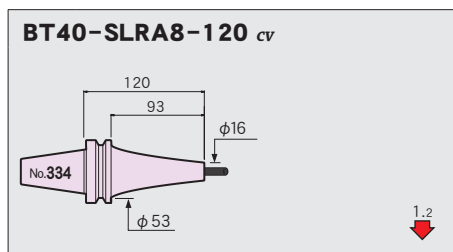
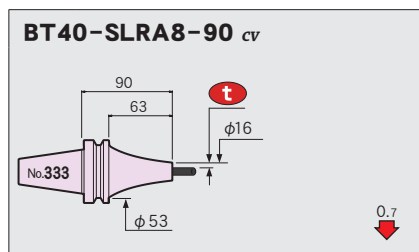
φ8 SLSA CV

肉厚t=1.5



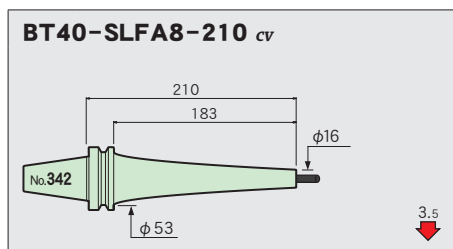
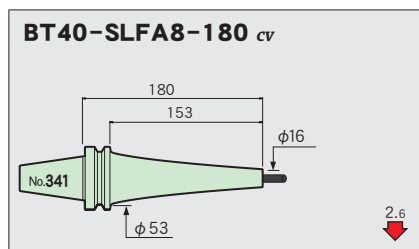
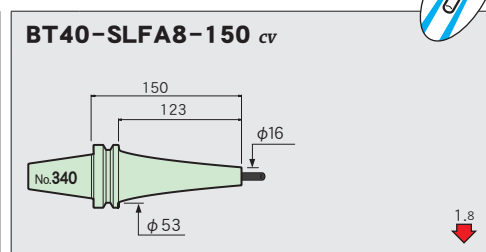
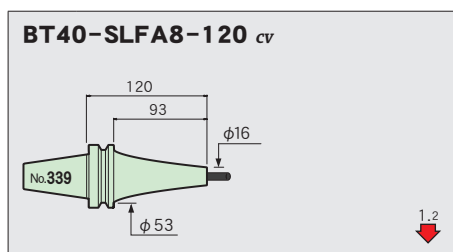
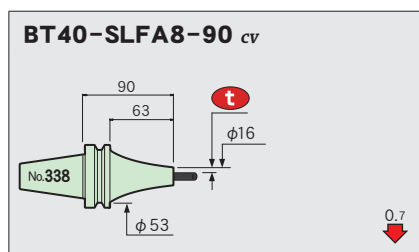
φ8 SLRA CV

肉厚t=4



φ8 SLFA CV

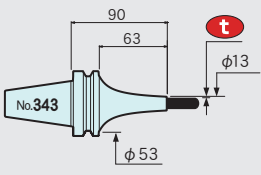
肉厚t=4



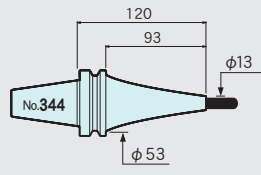
φ10 **SLSA CV**

肉厚t=1.5

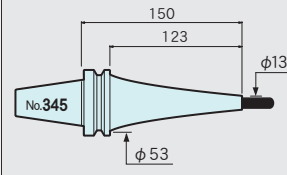
BT40-SLSA10-90 cv



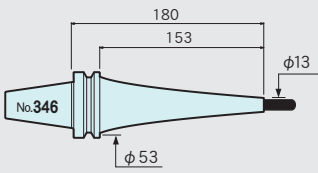
BT40-SLSA10-120 cv



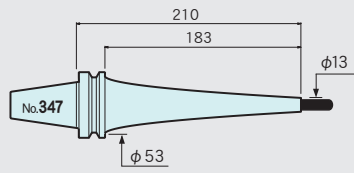
BT40-SLSA10-150 cv



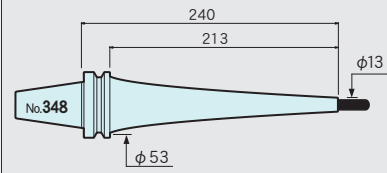
BT40-SLSA10-180 cv



BT40-SLSA10-210 cv



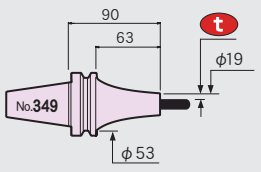
BT40-SLSA10-240 cv



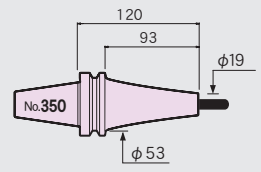
φ10 **SLRA CV**

肉厚t=4.5

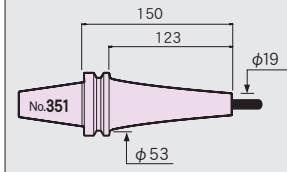
BT40-SLRA10-90 cv



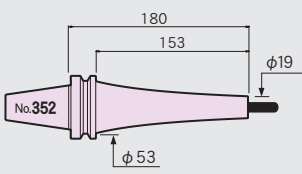
BT40-SLRA10-120 cv



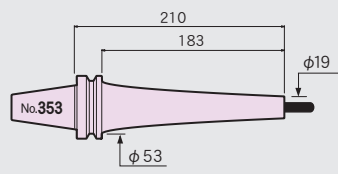
BT40-SLRA10-150 cv



BT40-SLRA10-180 cv



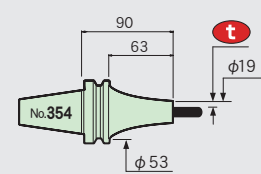
BT40-SLRA10-210 cv



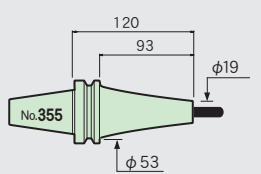
φ10 **SLFA CV**

肉厚t=4.5

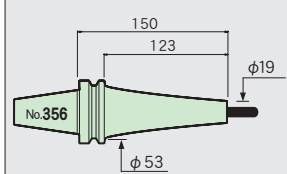
BT40-SLFA10-90 cv



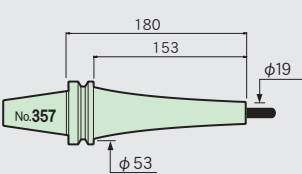
BT40-SLFA10-120 cv



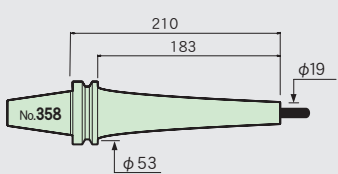
BT40-SLFA10-150 cv



BT40-SLFA10-180 cv

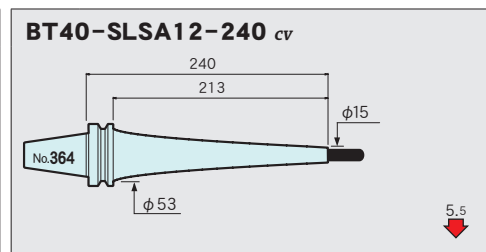
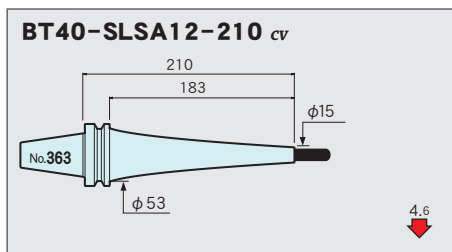
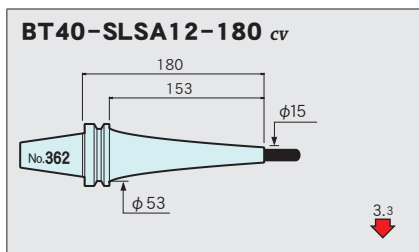
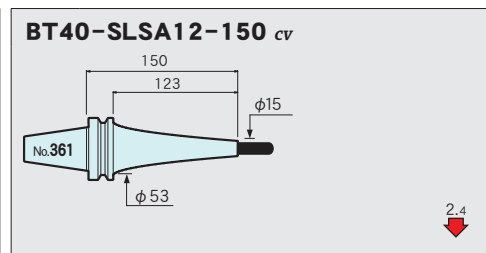
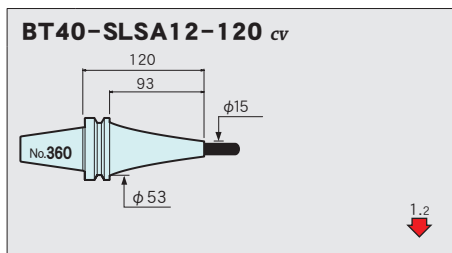
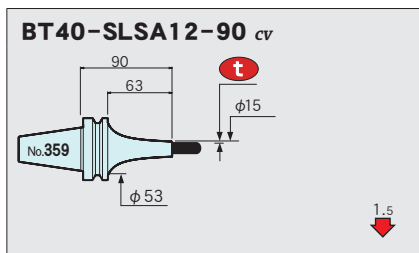


BT40-SLFA10-210 cv



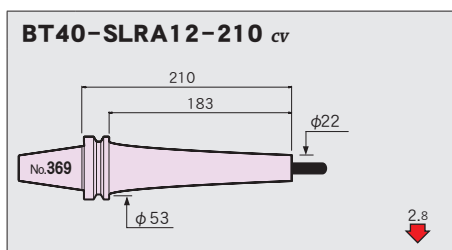
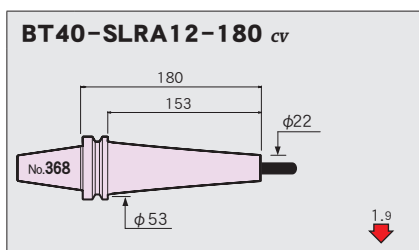
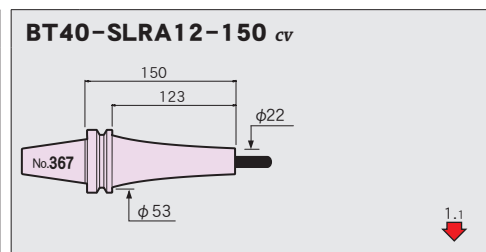
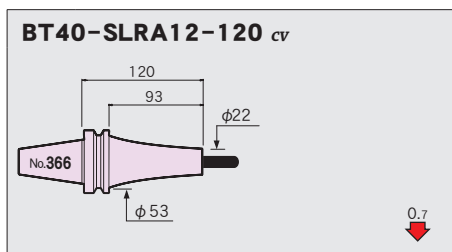
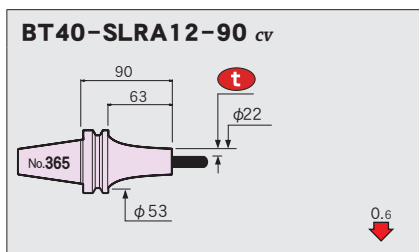
φ12 **SLSA CV**

肉厚t=1.5



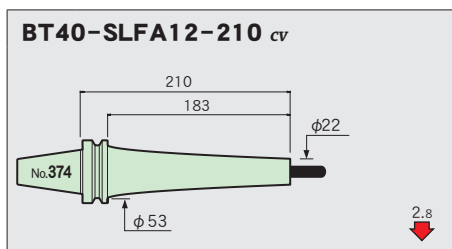
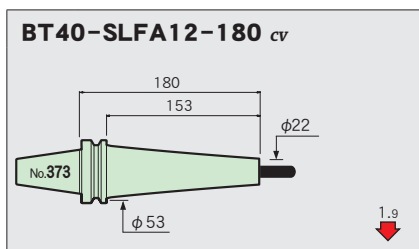
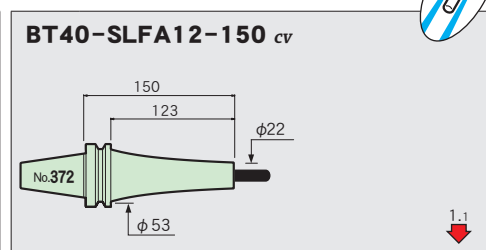
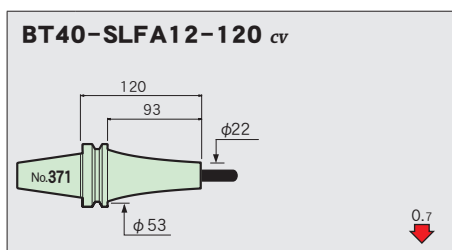
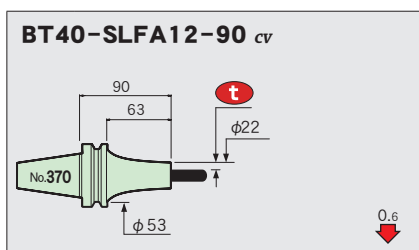
φ12 **SLRA CV**

肉厚t=5



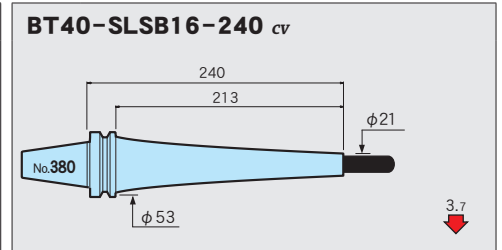
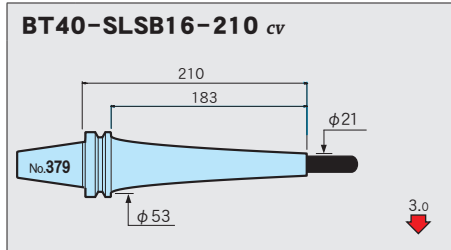
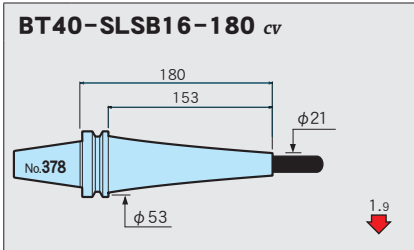
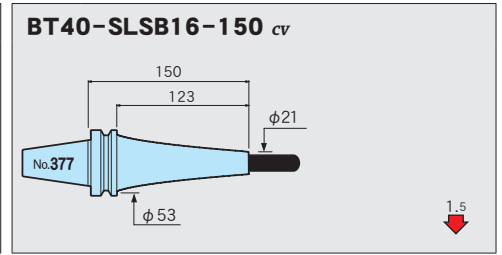
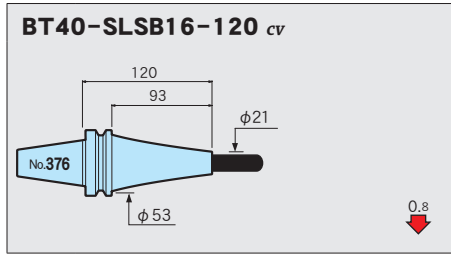
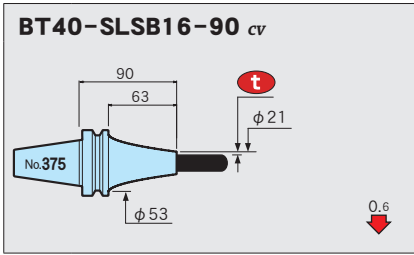
φ12 **SLFA CV**

肉厚t=5



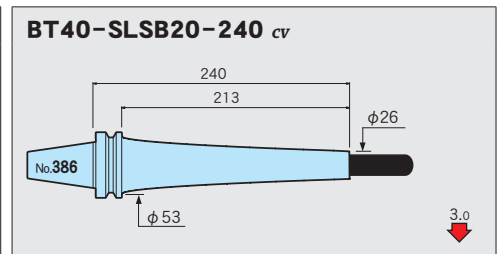
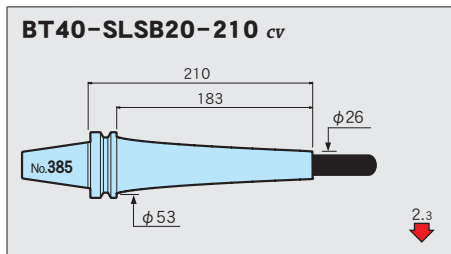
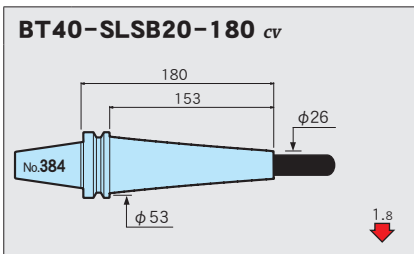
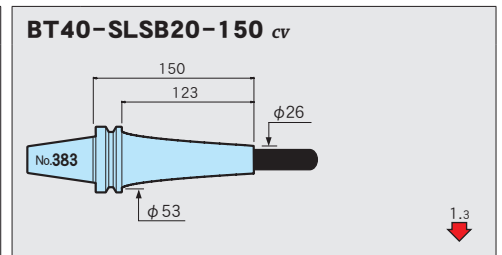
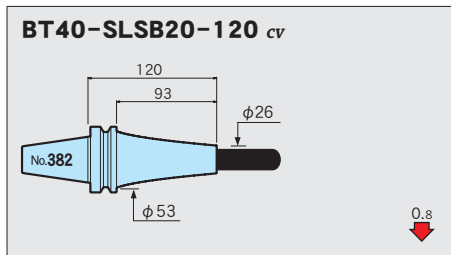
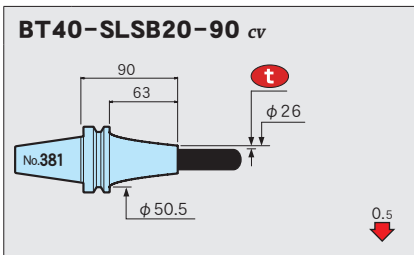
φ16 SLSB CV

肉厚t=2.5



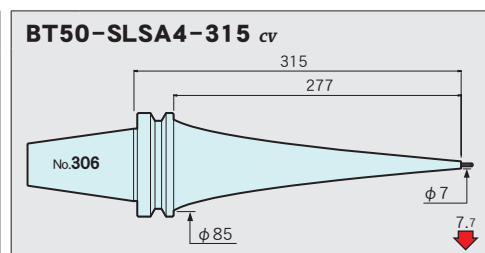
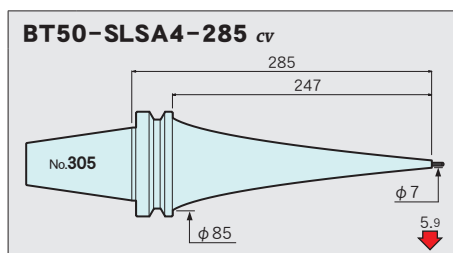
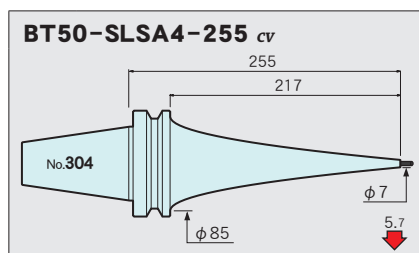
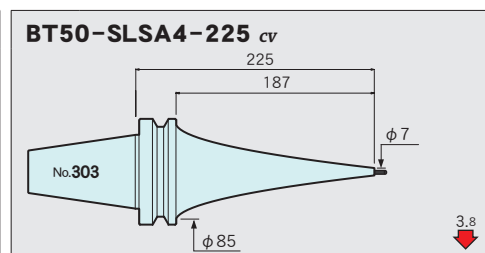
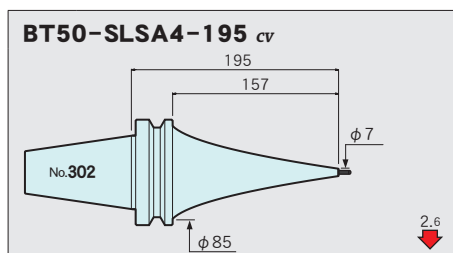
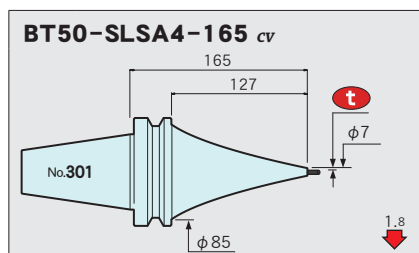
φ20 SLSB CV

肉厚t=3

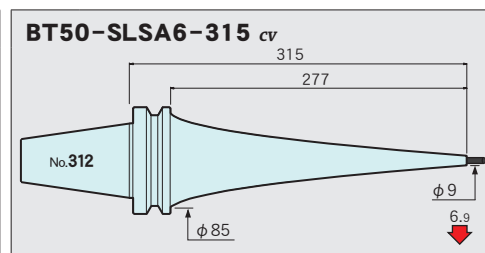
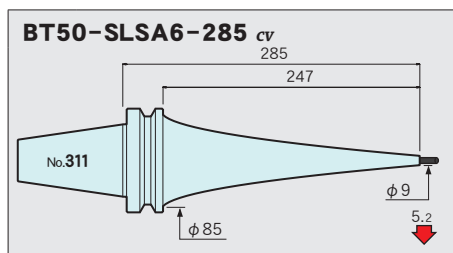
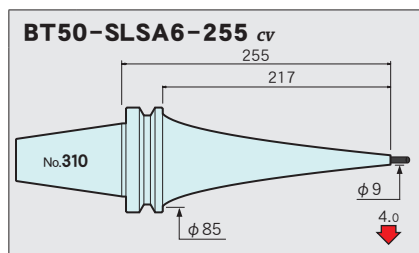
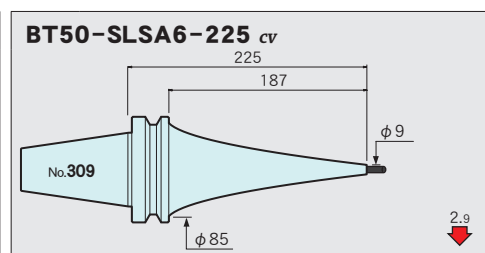
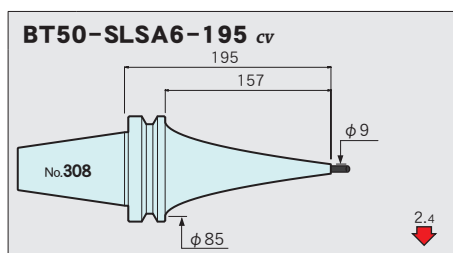
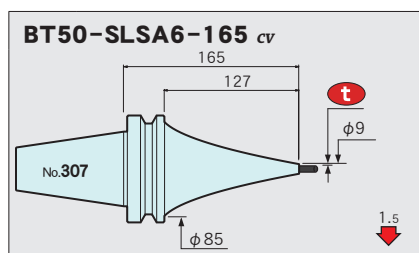


BT50cv

φ4 SLSA CV 肉厚t=1.5

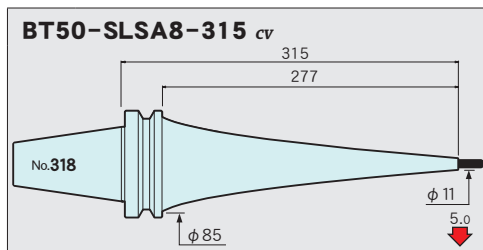
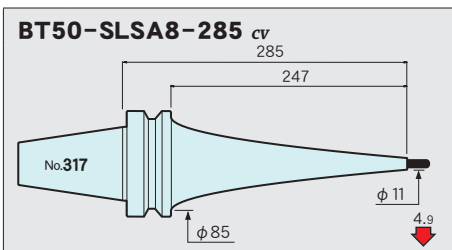
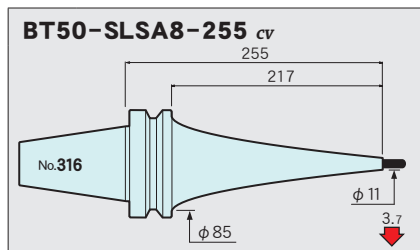
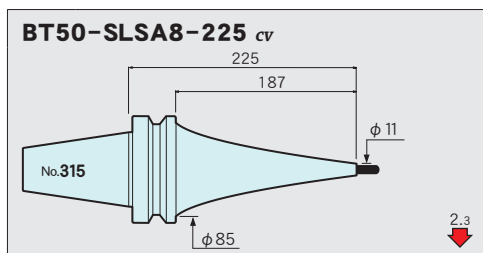
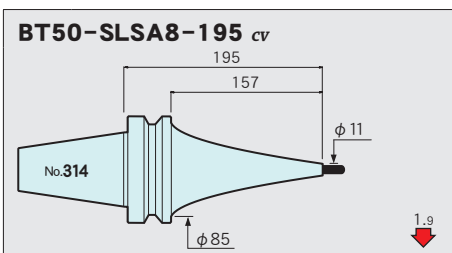
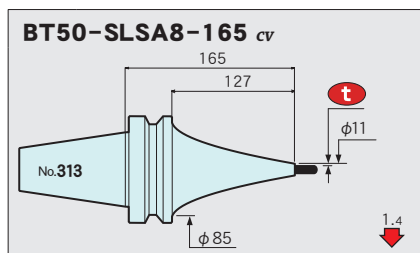


φ6 SLSA CV 肉厚t=1.5



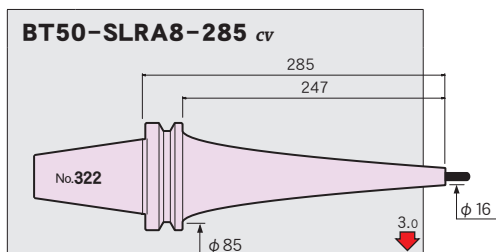
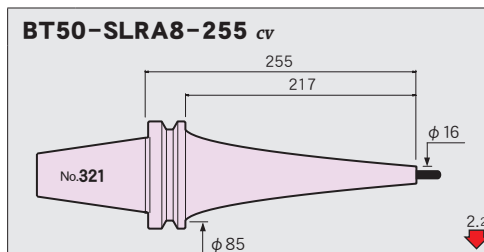
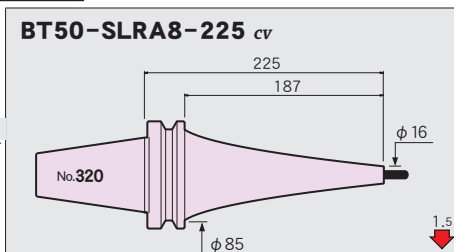
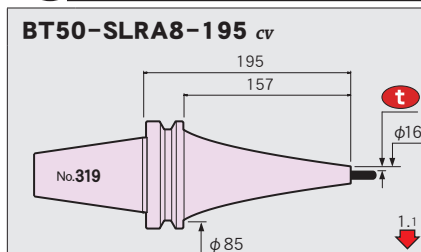
φ8 **SLSA CV**

肉厚t=1.5



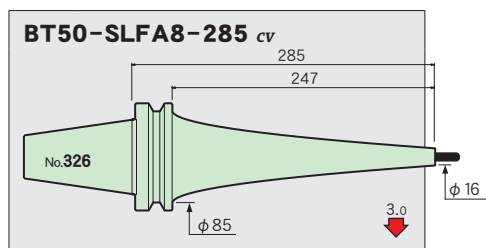
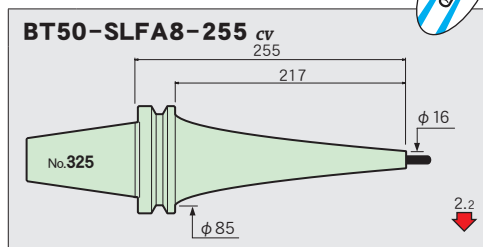
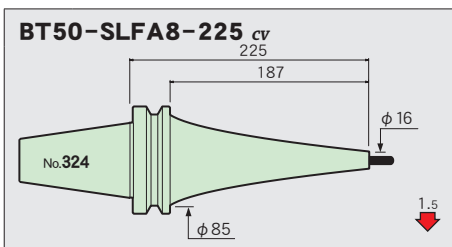
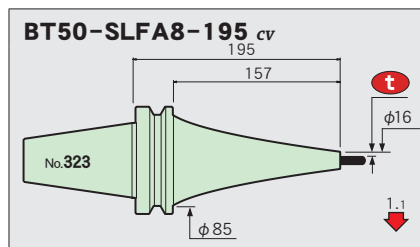
φ8 **SLRA CV**

肉厚t=4

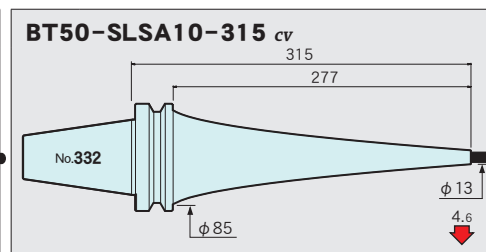
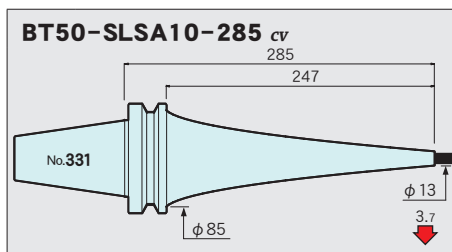
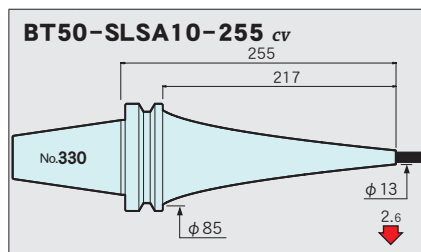
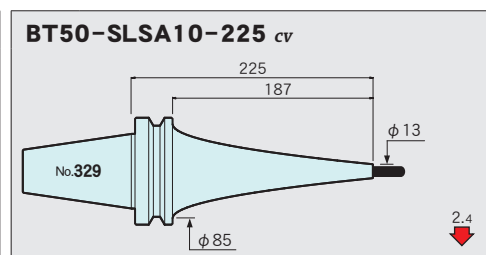
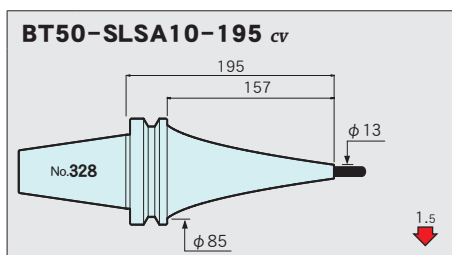
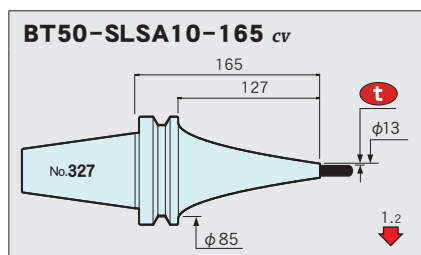


φ8 **SLFA CV**

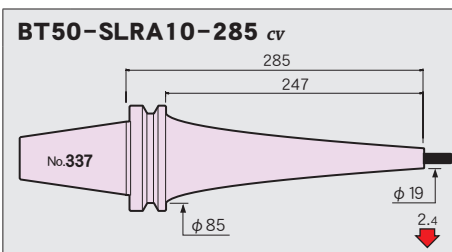
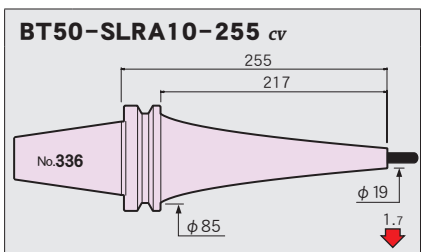
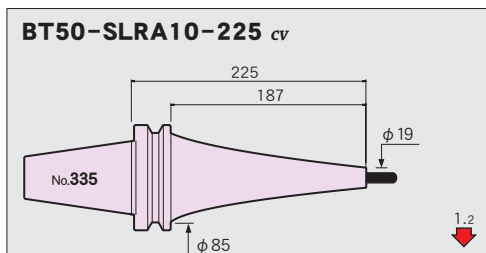
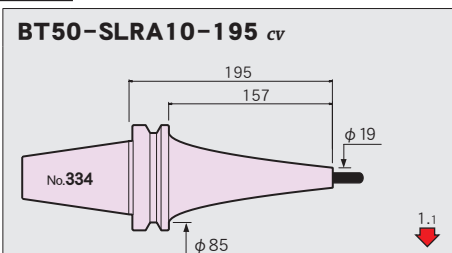
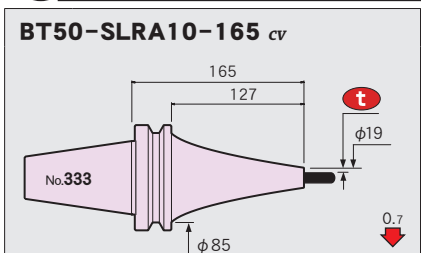
肉厚t=4



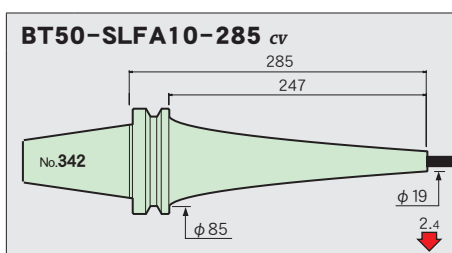
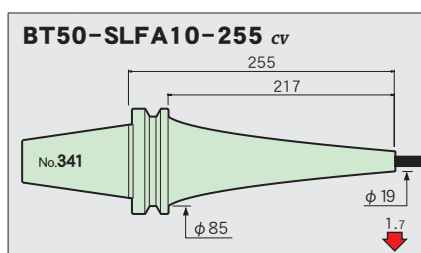
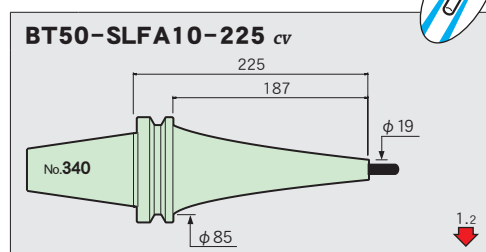
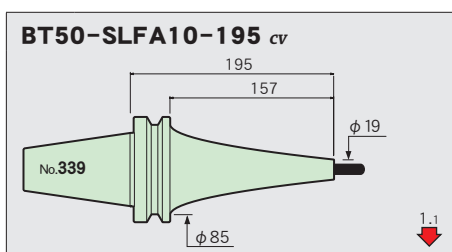
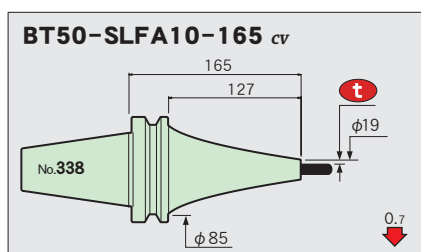
φ10 SLSA CV 肉厚t=1.5



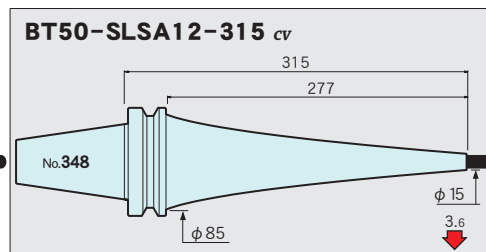
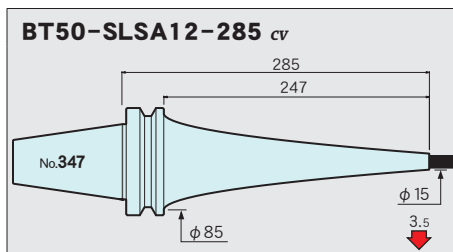
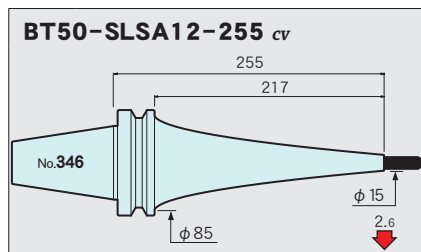
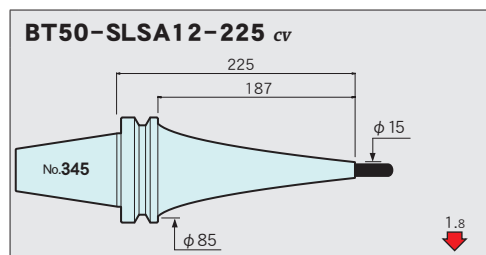
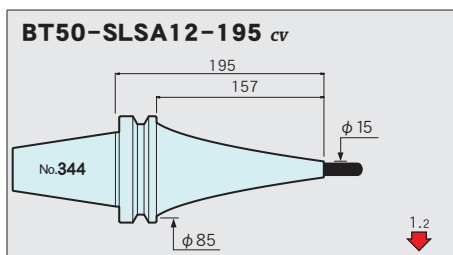
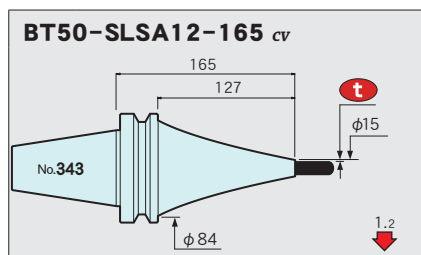
φ10 SLRA CV 肉厚t=4.5



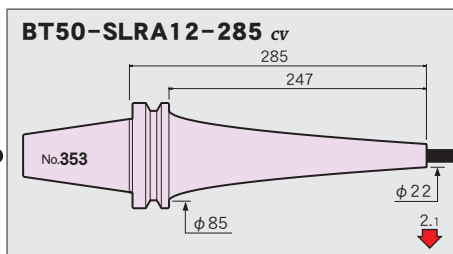
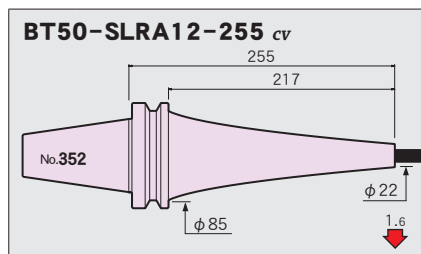
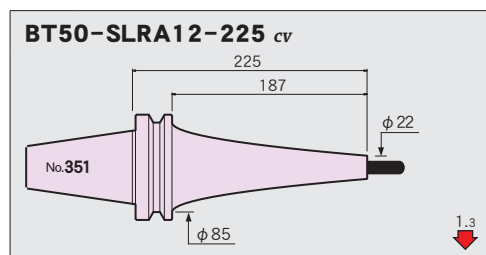
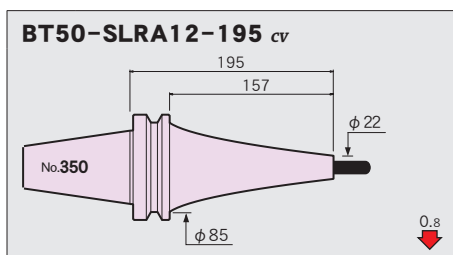
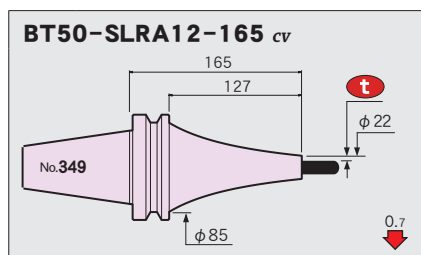
φ10 SLFA CV 肉厚t=4.5



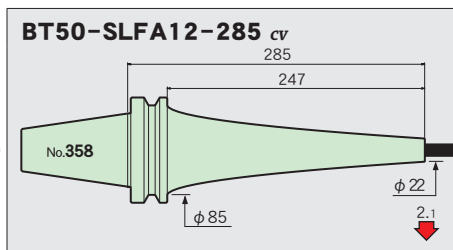
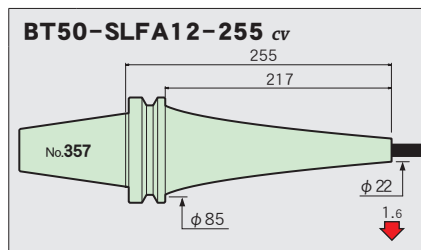
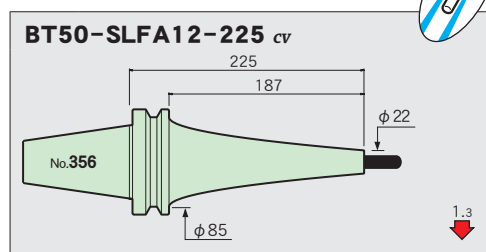
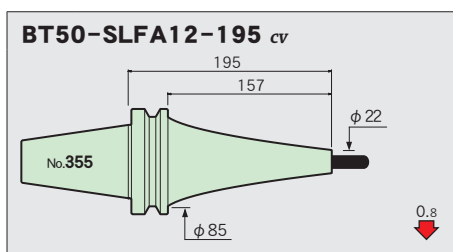
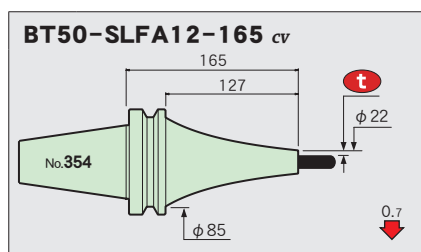
φ12 SLSA CV 肉厚t=1.5



φ12 SLRA CV 肉厚t=5

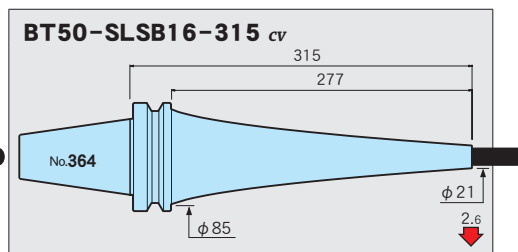
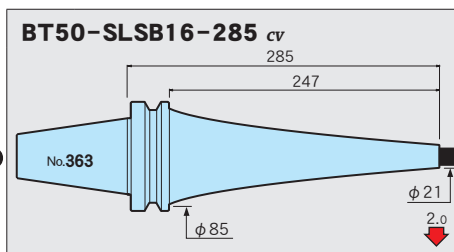
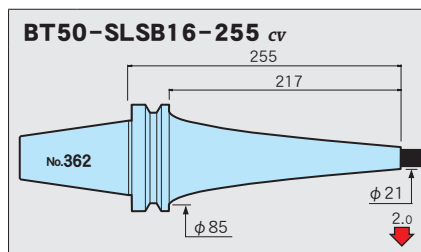
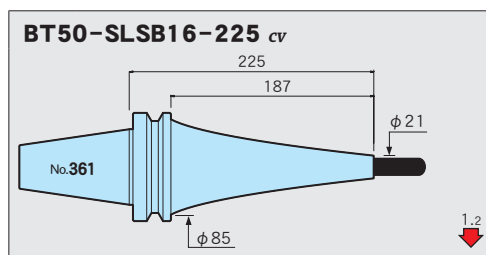
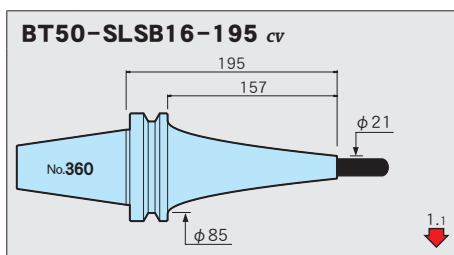
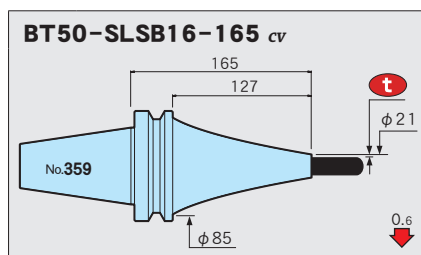


φ12 SLFA CV 肉厚t=5



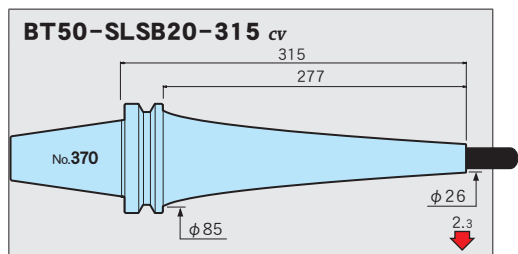
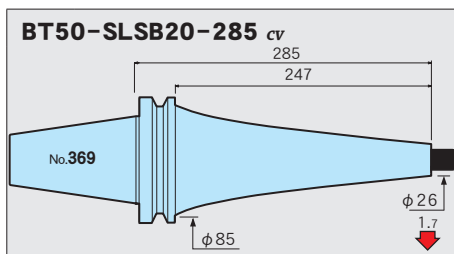
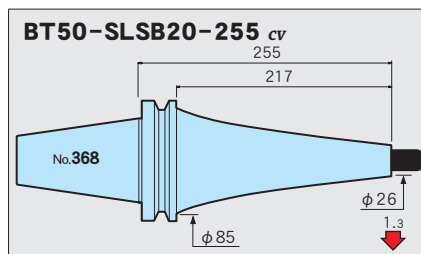
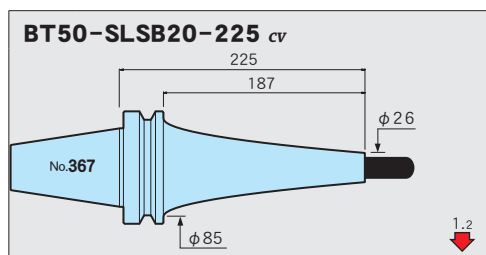
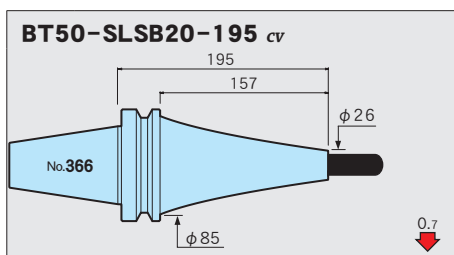
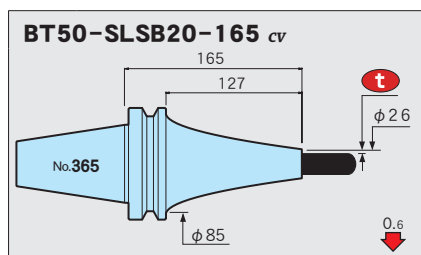
φ16 SLSB CV

肉厚t=2.5



φ20 SLSB CV

肉厚t=3



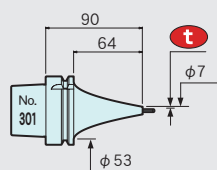
A63cv

φ4

SLSA CV

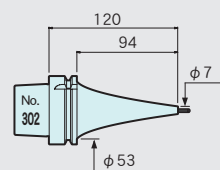
肉厚t=1.5

A63-SLSA4-90 cv



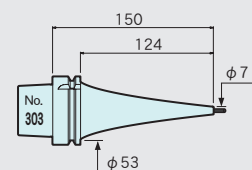
1.8

A63-SLSA4-120 cv



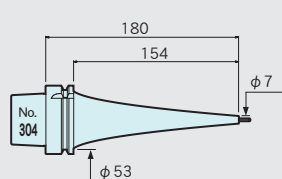
2.7

A63-SLSA4-150 cv



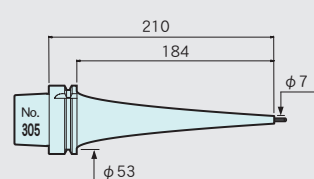
4.0

A63-SLSA4-180 cv



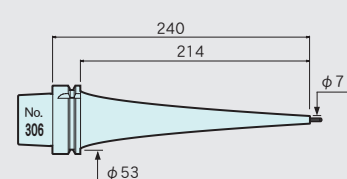
6.6

A63-SLSA4-210 cv



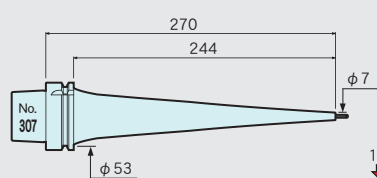
11.6

A63-SLSA4-240 cv



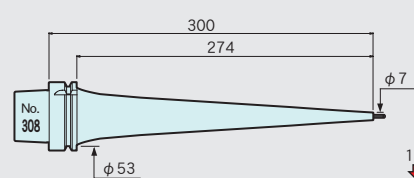
14.0

A63-SLSA4-270 cv



11.9

A63-SLSA4-300 cv



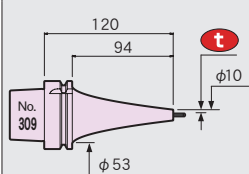
15.9

φ4

SLRA CV

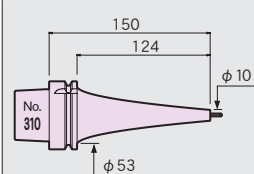
肉厚t=3

A63-SLRA4-120 cv



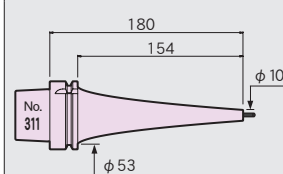
1.9

A63-SLRA4-150 cv



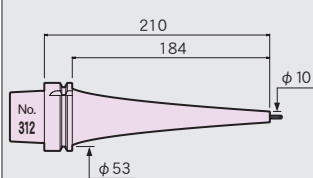
2.9

A63-SLRA4-180 cv



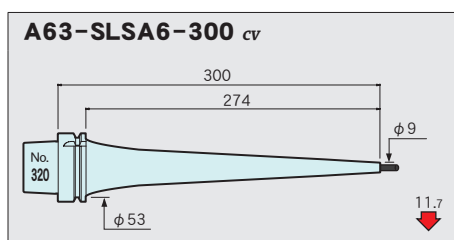
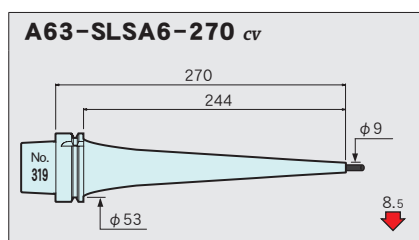
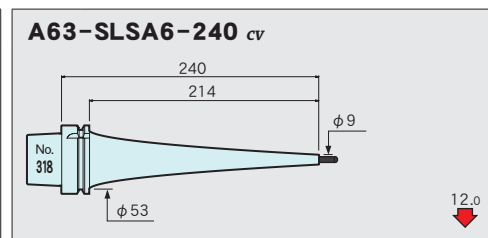
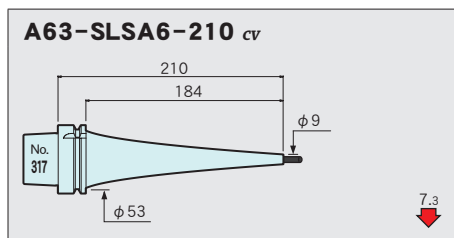
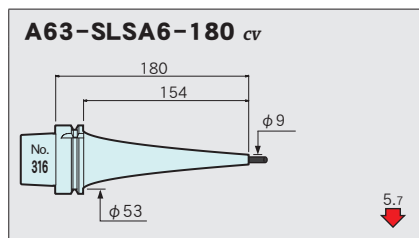
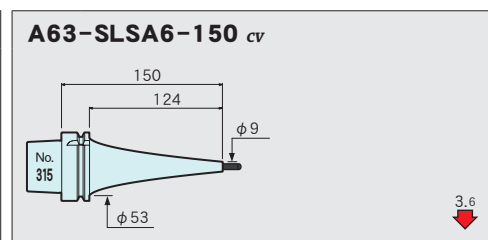
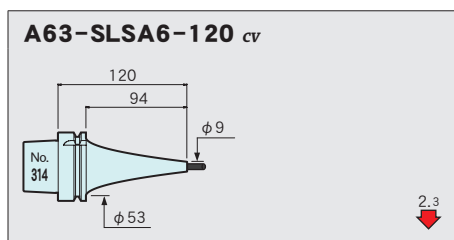
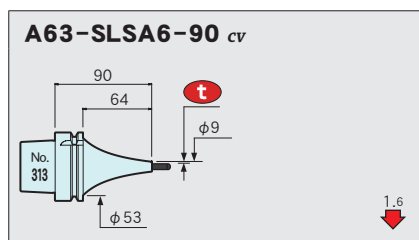
3.3

A63-SLRA4-210 cv

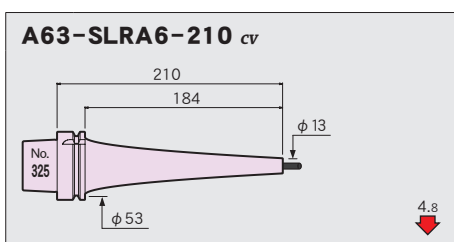
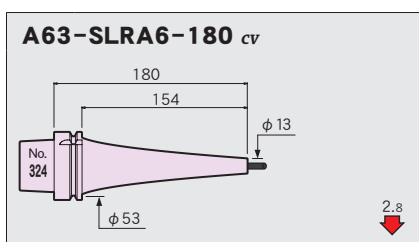
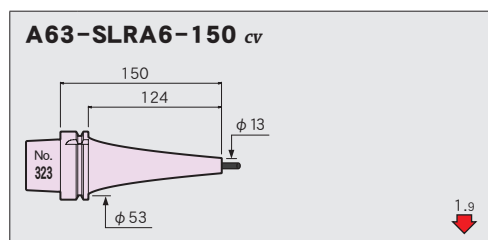
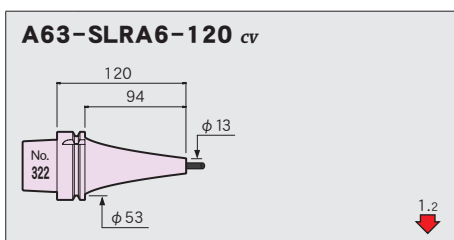
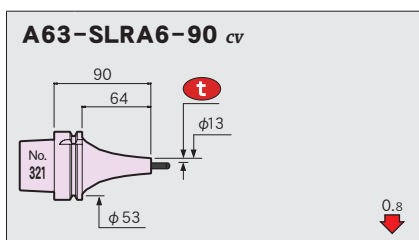


5.6

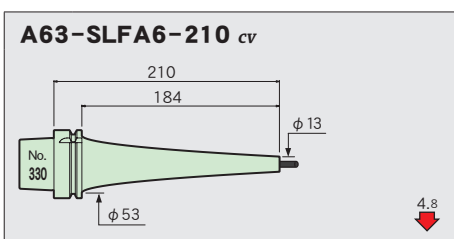
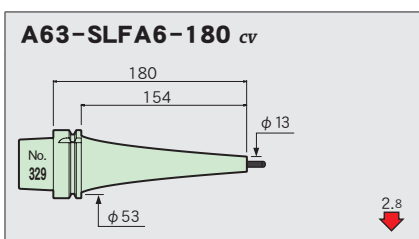
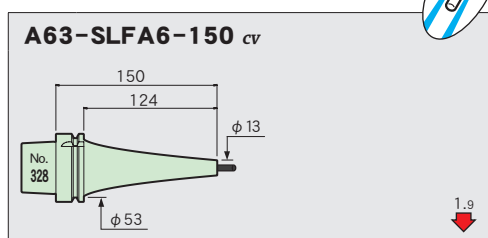
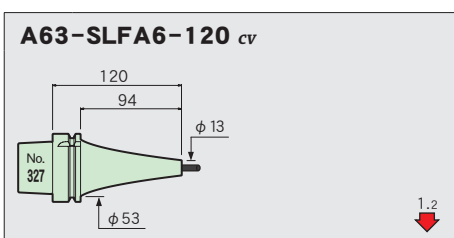
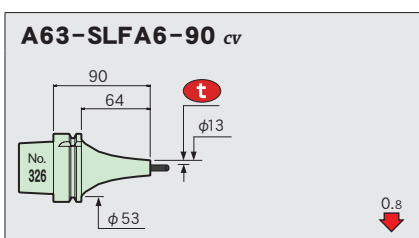
φ6 SLSA CV 肉厚t=1.5



φ6 SLRA CV 肉厚t=3.5

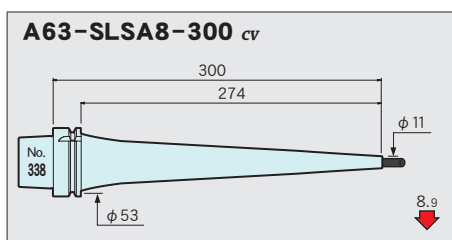
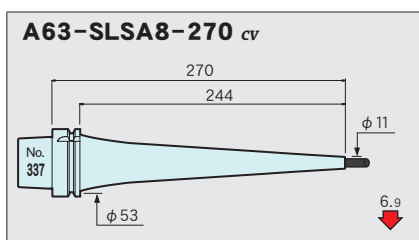
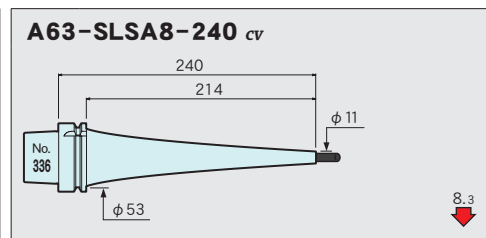
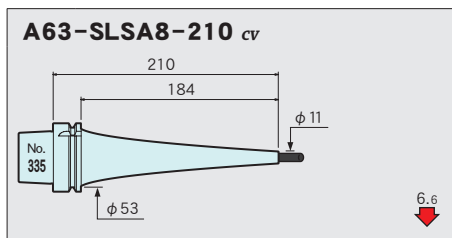
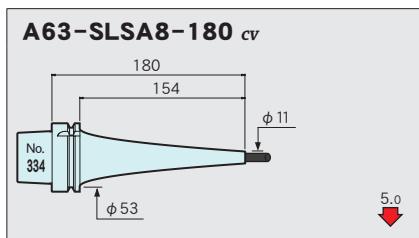
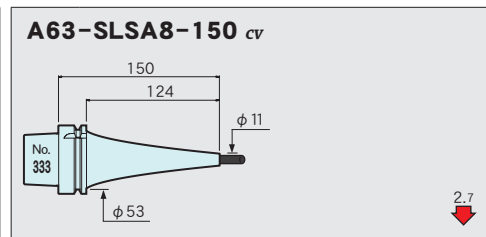
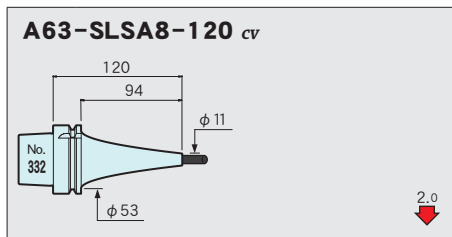
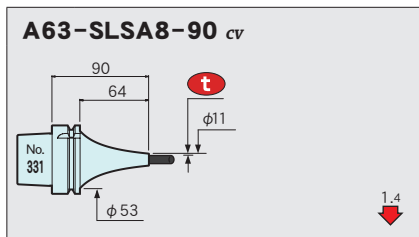


φ6 SLFA CV 肉厚t=3.5



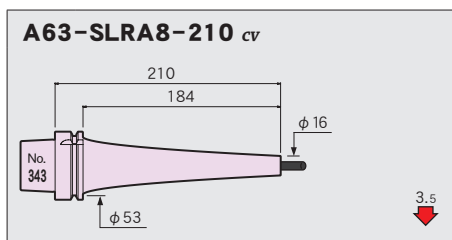
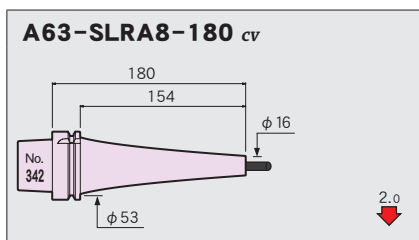
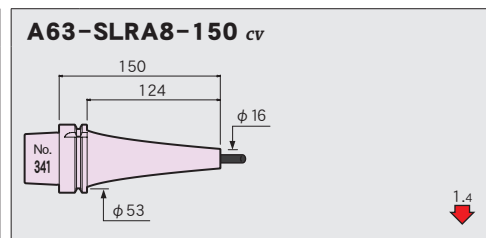
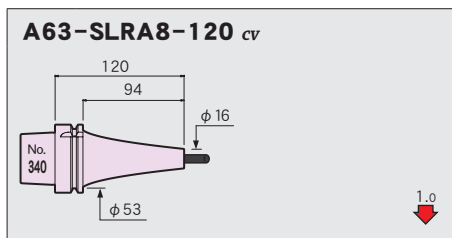
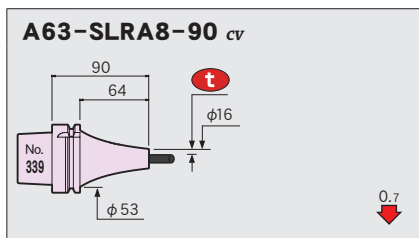
φ8 SLSA CV

肉厚t=1.5



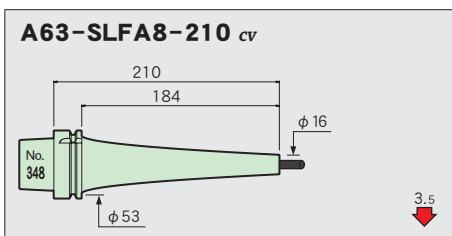
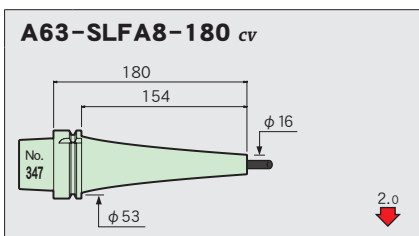
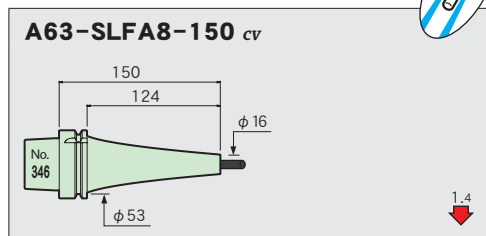
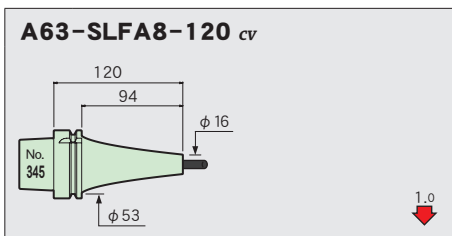
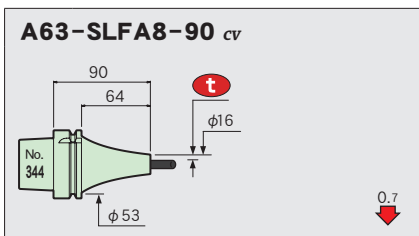
φ8 SLRA CV

肉厚t=4

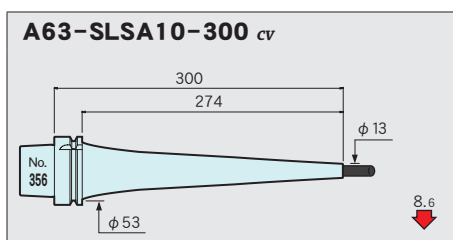
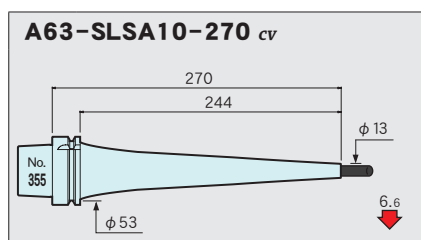
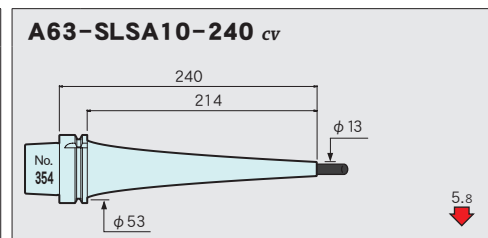
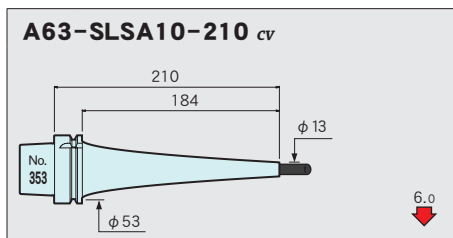
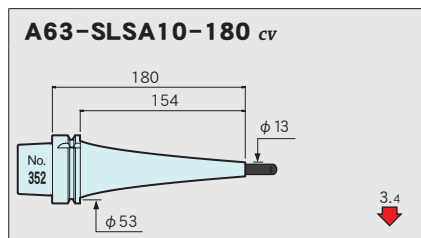
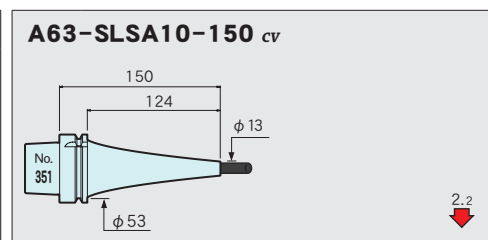
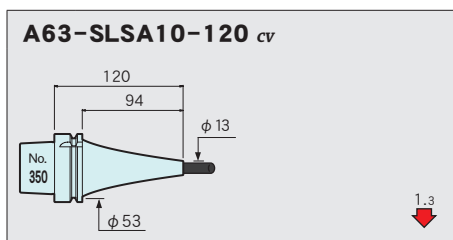
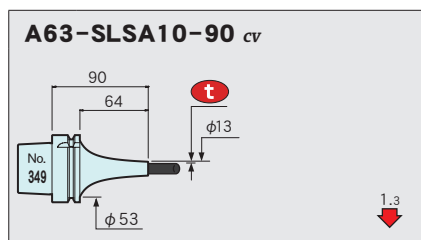


φ8 SLFA CV

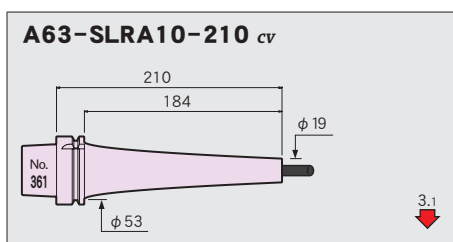
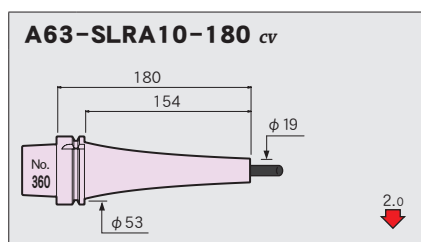
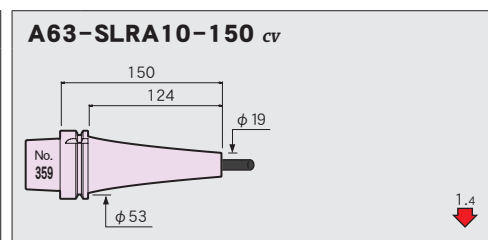
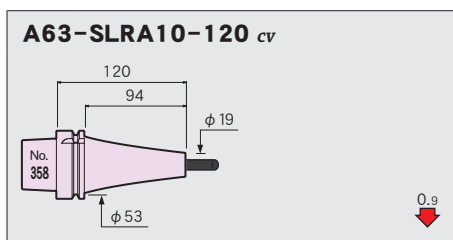
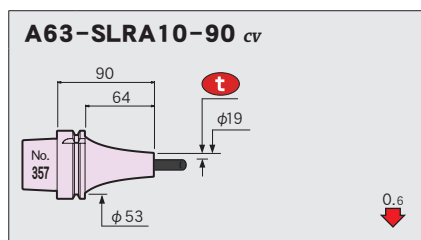
肉厚t=4



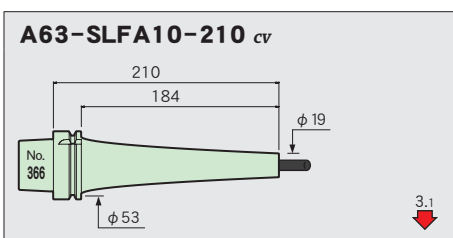
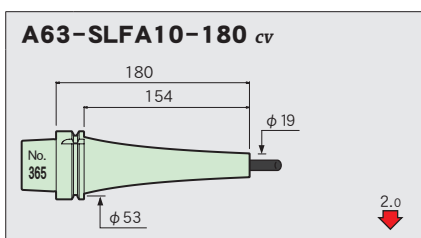
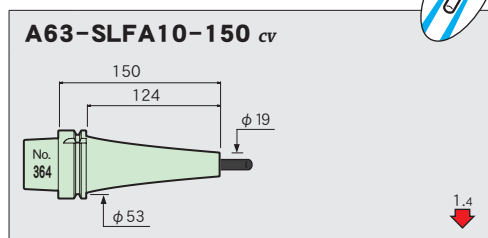
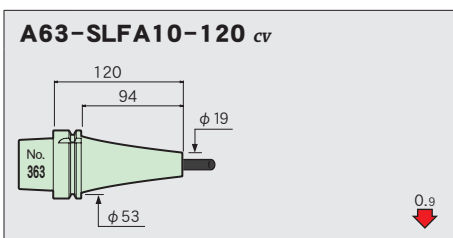
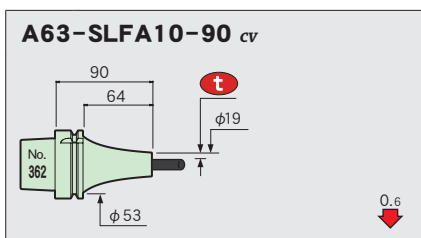
φ10 SLSA CV 肉厚t=1.5



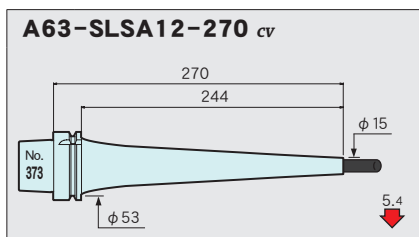
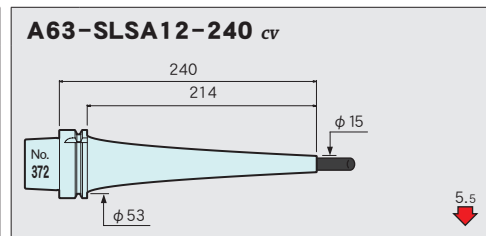
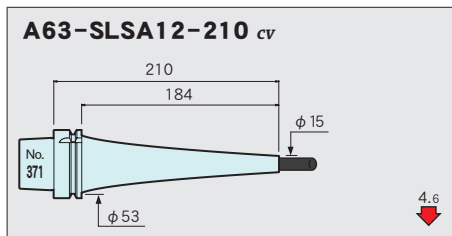
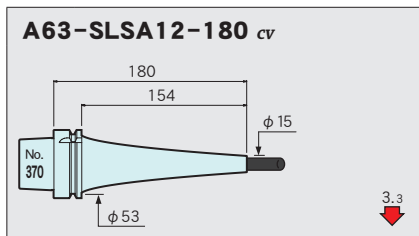
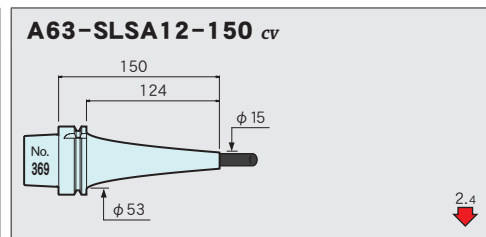
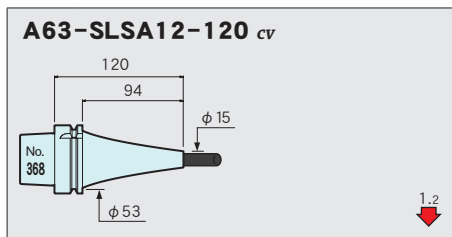
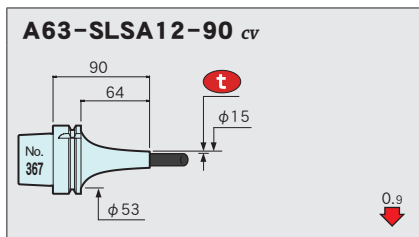
φ10 SLRA CV 肉厚t=4.5



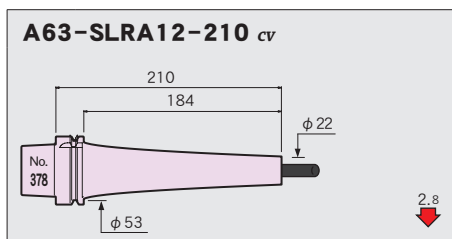
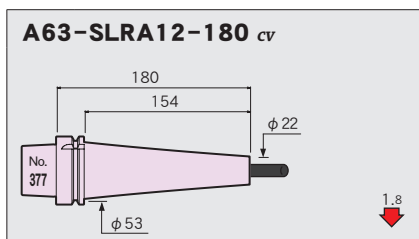
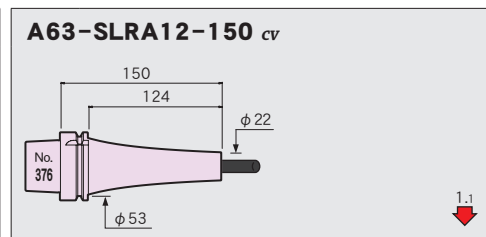
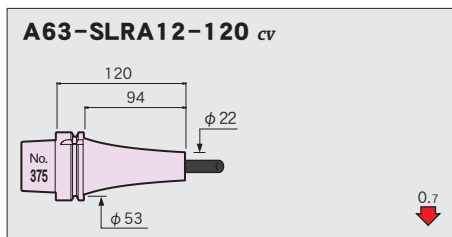
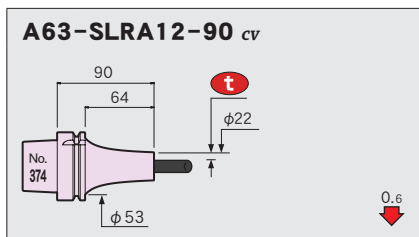
φ10 SLFA CV 肉厚t=4.5



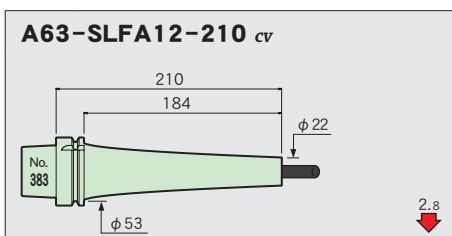
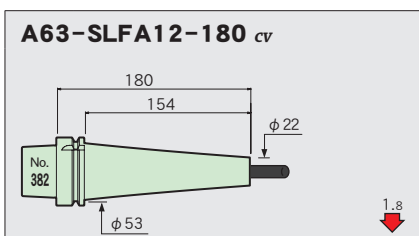
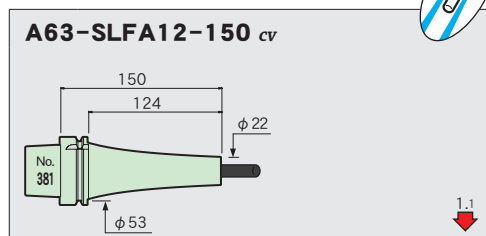
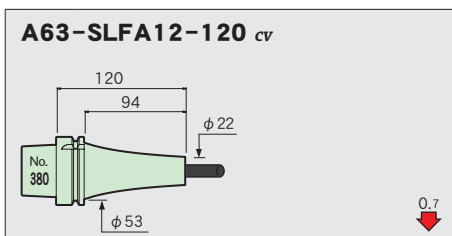
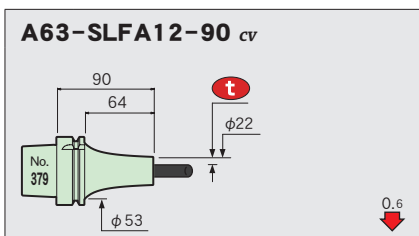
φ12 SLSA CV 肉厚t=1.5



φ12 SLRA CV 肉厚t=5

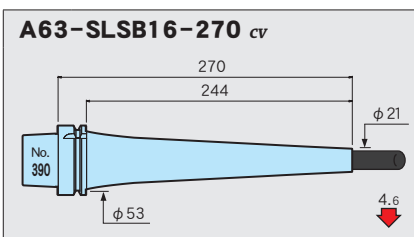
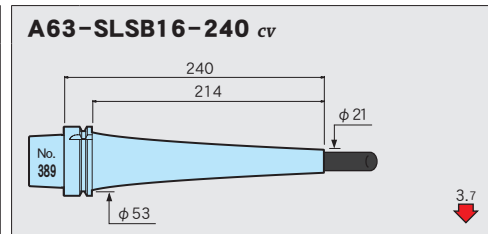
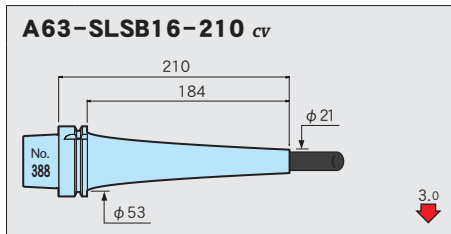
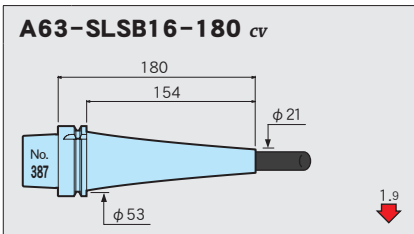
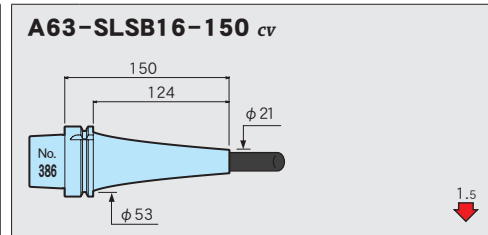
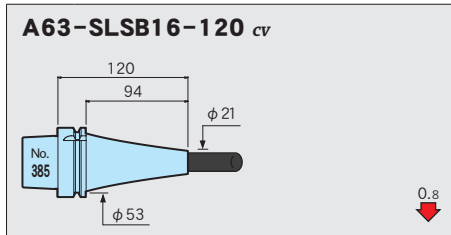
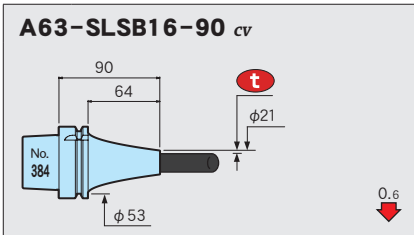


φ12 SLFA CV 肉厚t=5



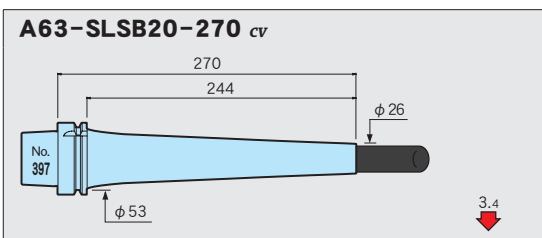
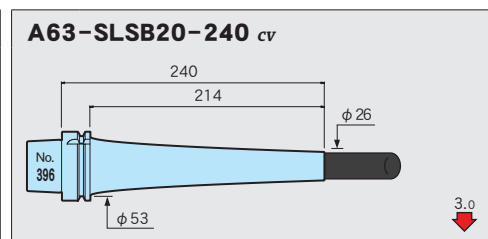
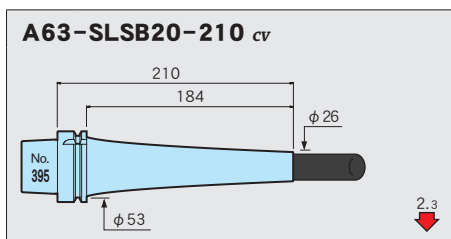
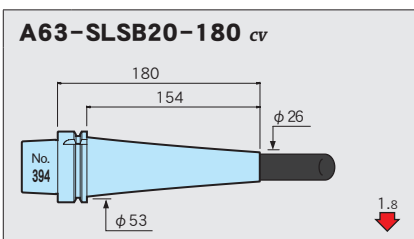
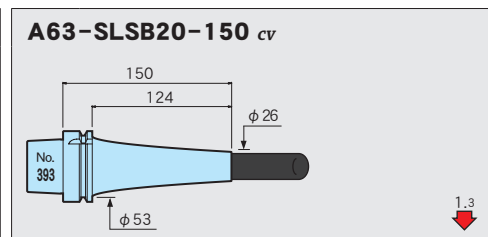
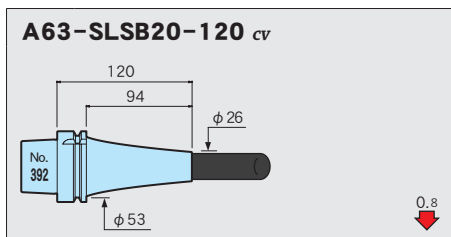
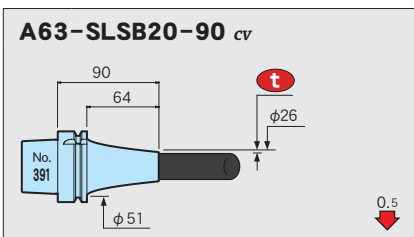
φ16 SLSB CV

肉厚t=2.5



φ20 SLSB CV

肉厚t=3

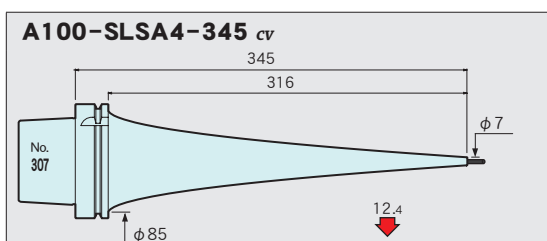
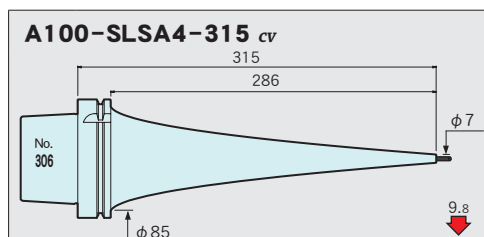
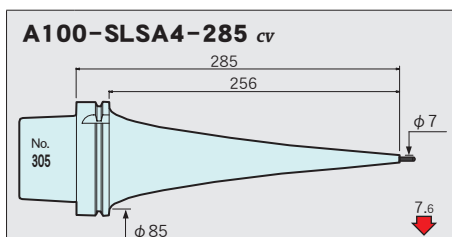
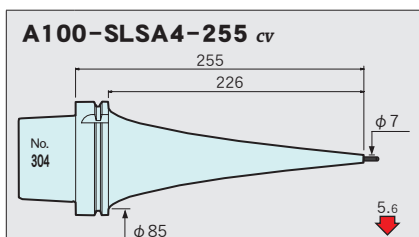
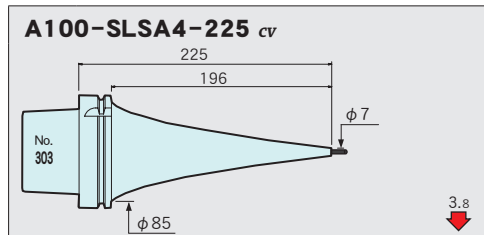
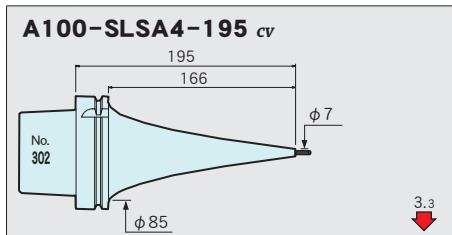
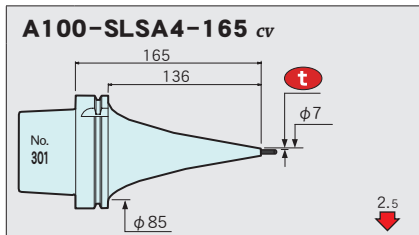


A100cv

φ4

SLSA CV

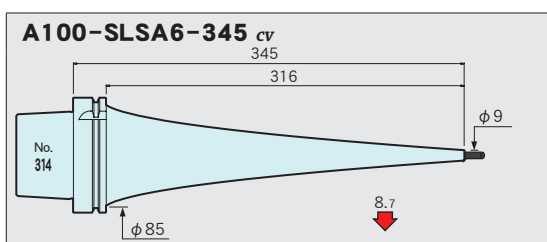
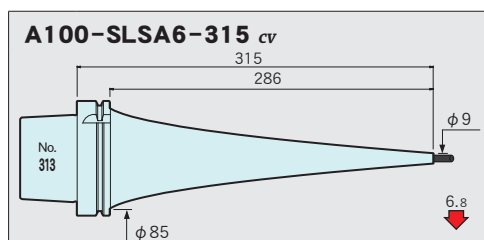
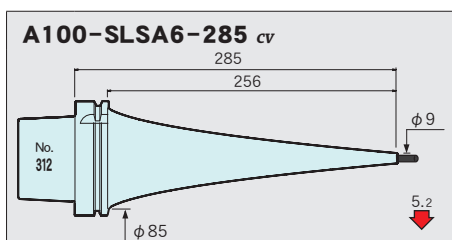
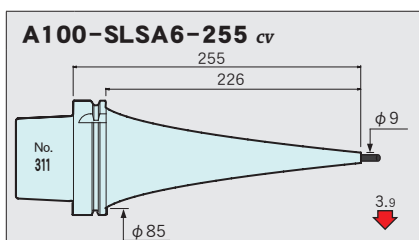
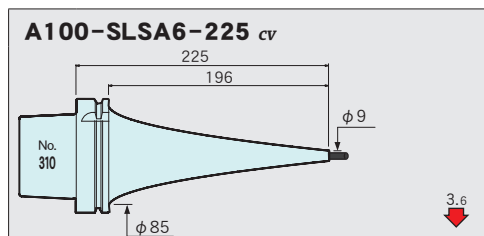
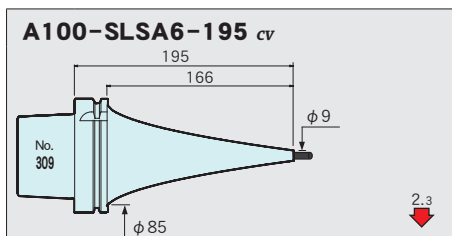
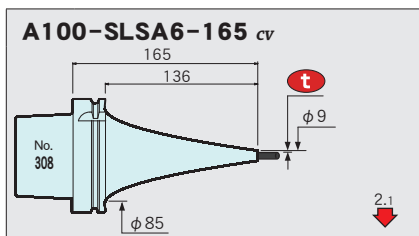
肉厚t=1.5



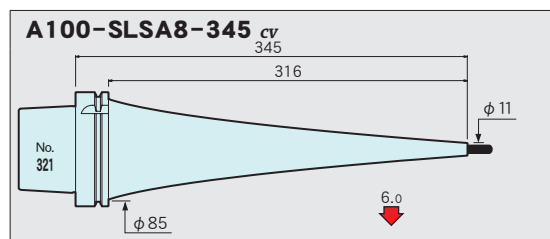
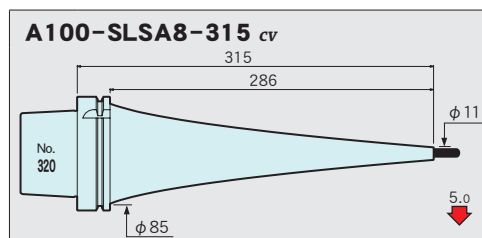
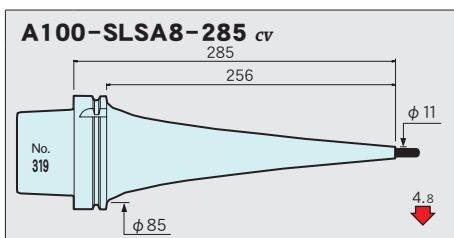
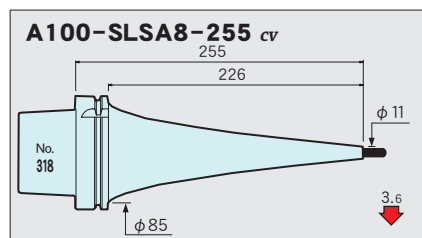
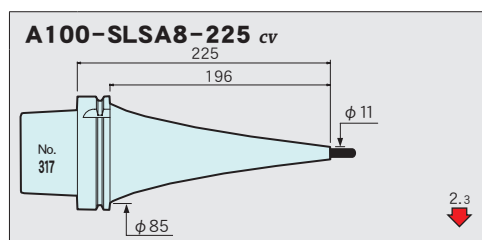
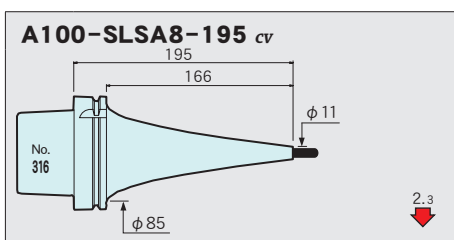
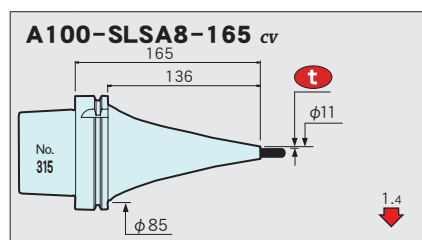
φ6

SLSA CV

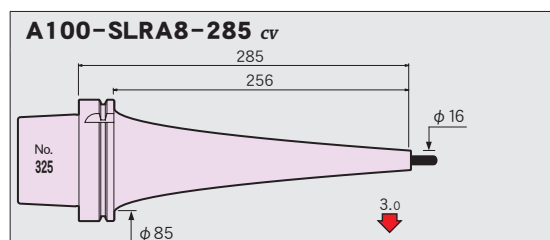
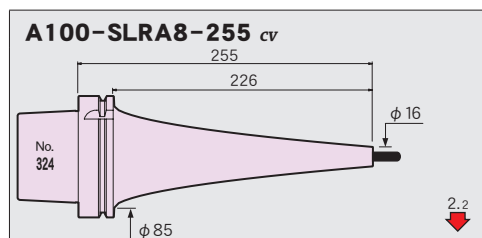
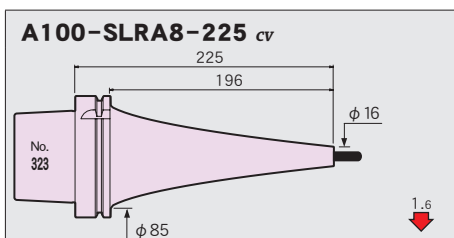
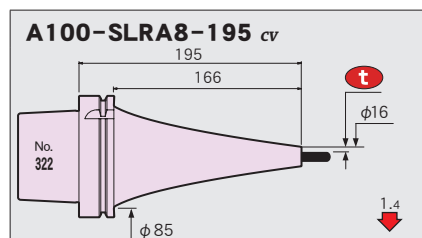
肉厚t=1.5



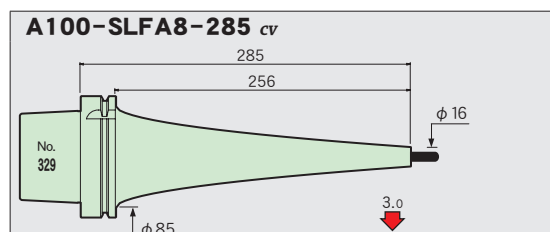
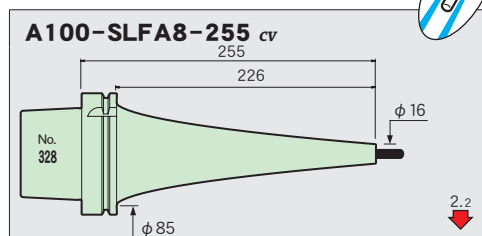
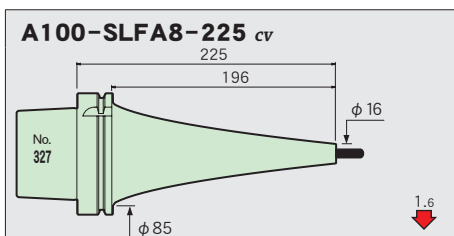
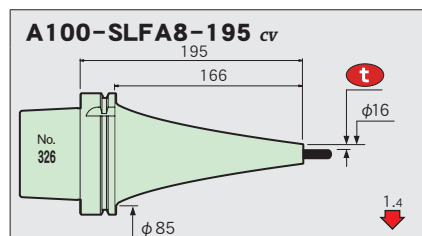
φ8 SLSA CV 肉厚t=1.5



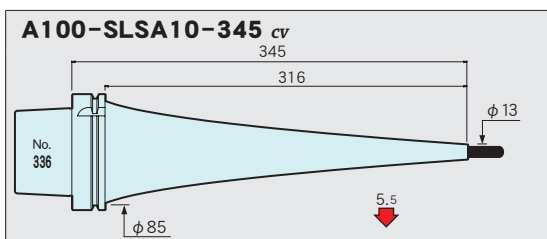
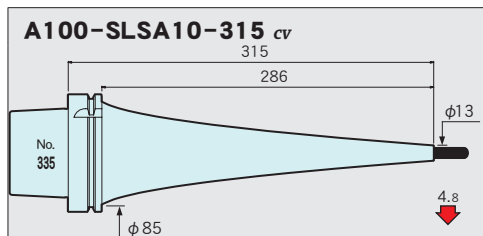
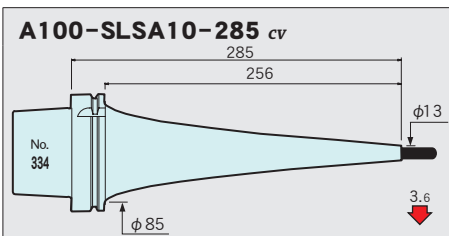
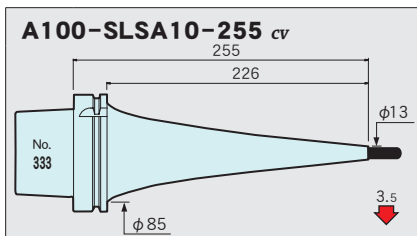
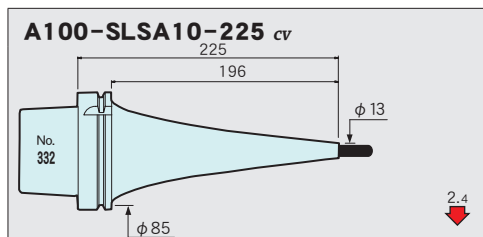
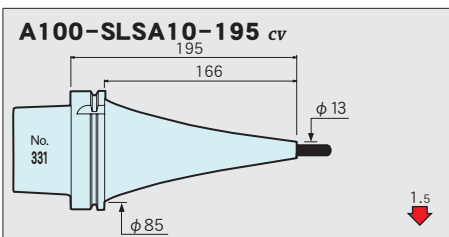
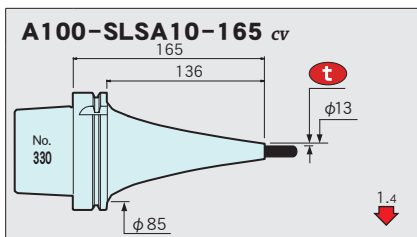
φ8 SLRA CV 肉厚t=4



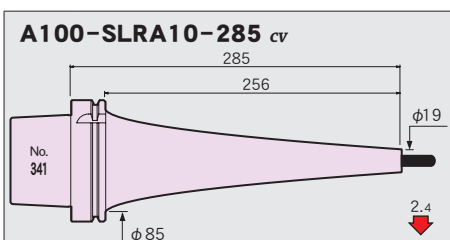
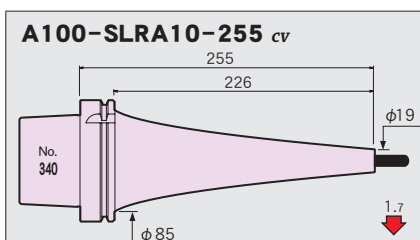
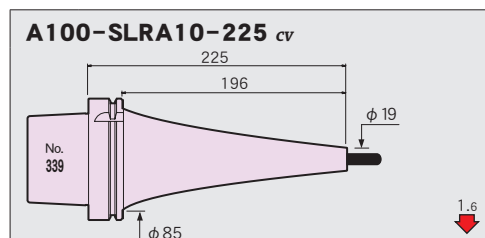
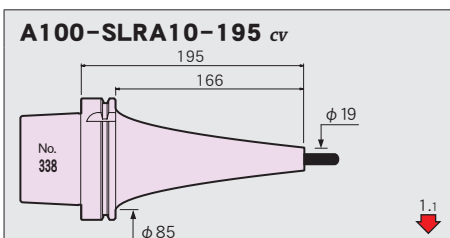
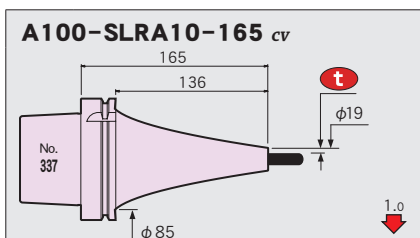
φ8 SLFA CV 肉厚t=4



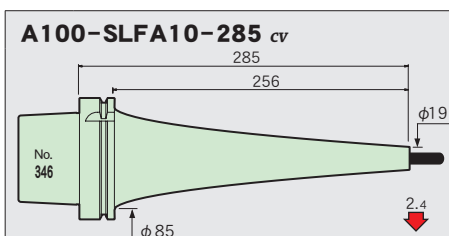
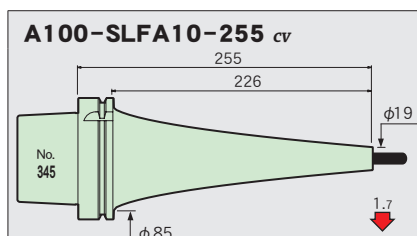
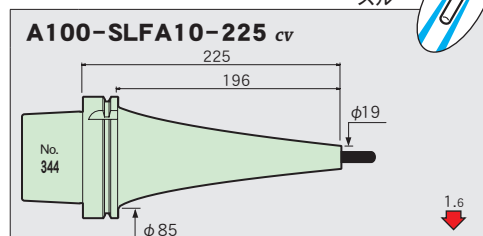
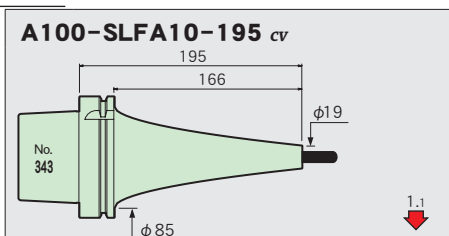
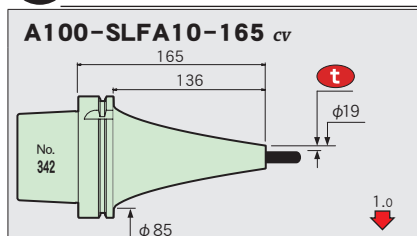
φ10 SLSA CV 肉厚t=1.5



φ10 SLRA CV 肉厚t=4.5



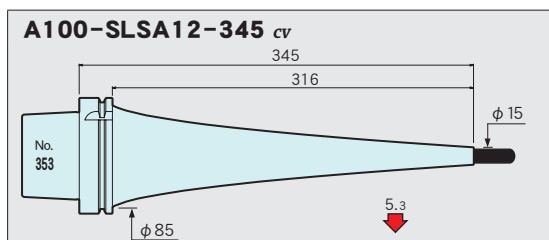
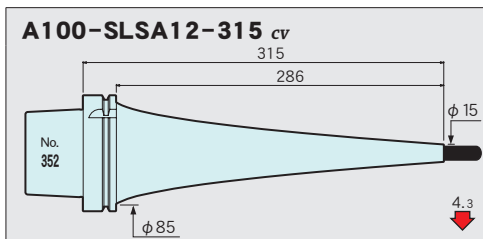
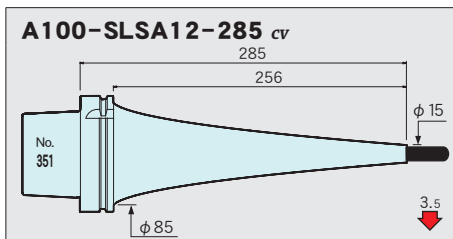
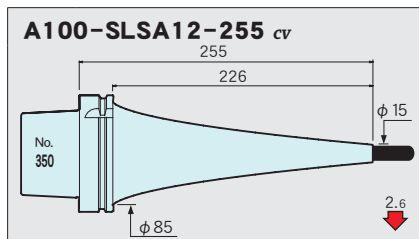
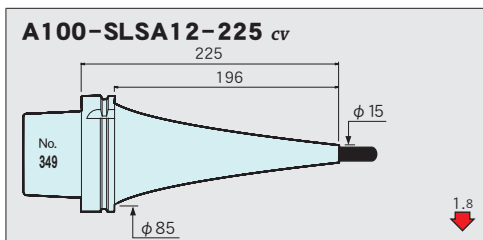
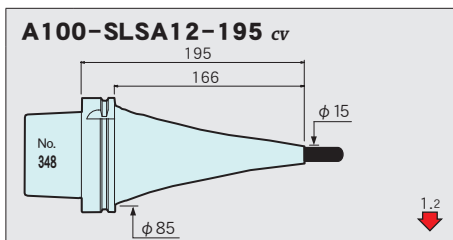
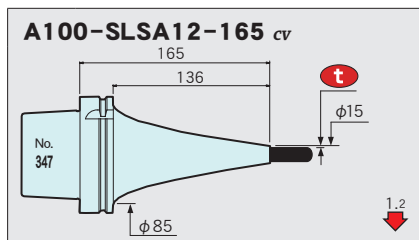
φ10 SLFA CV 肉厚t=4.5



φ12

SLSA CV

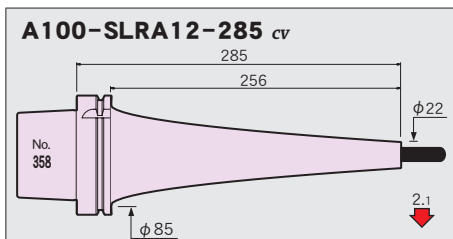
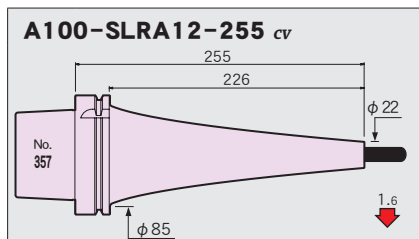
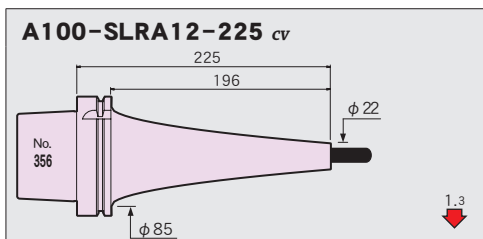
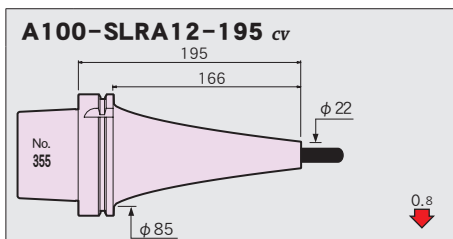
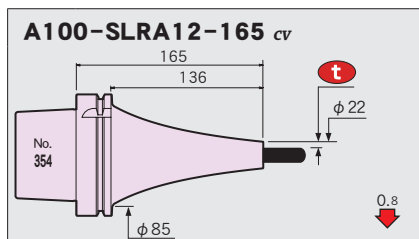
肉厚t=1.5



φ12

SLRA CV

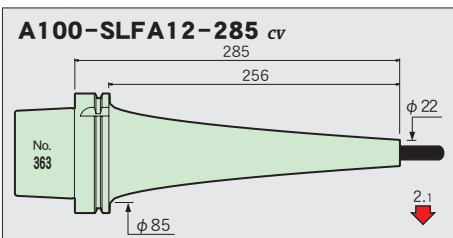
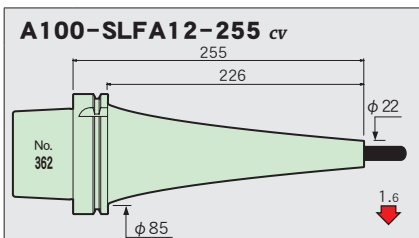
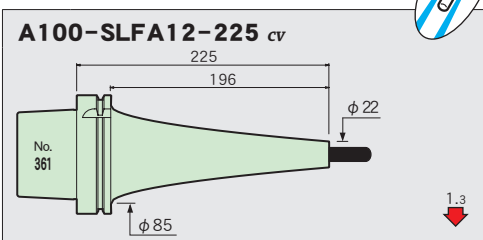
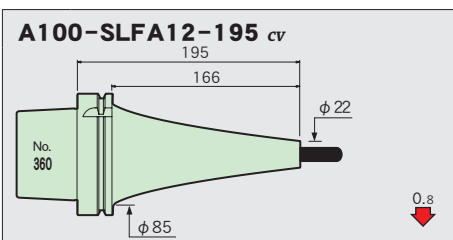
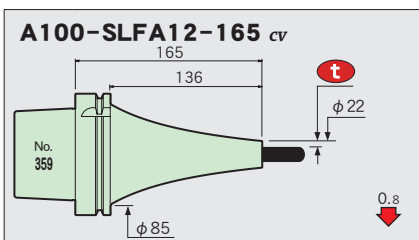
肉厚t=5



φ12

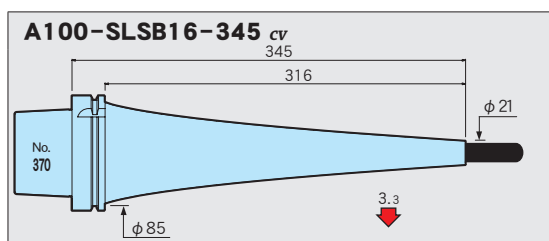
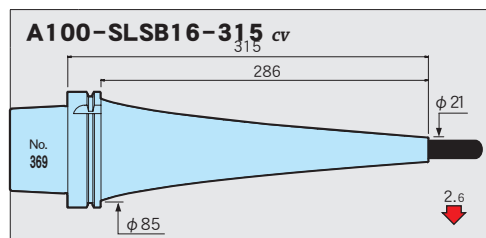
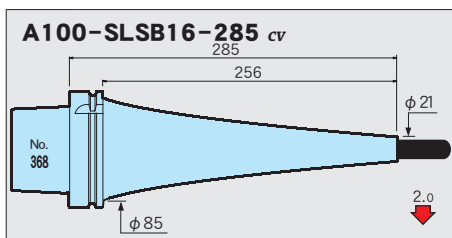
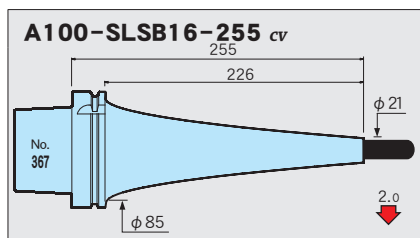
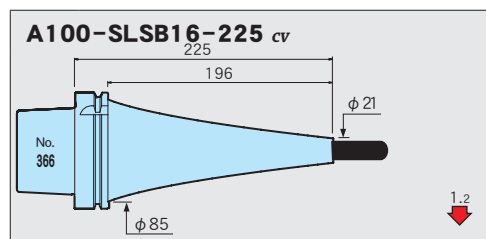
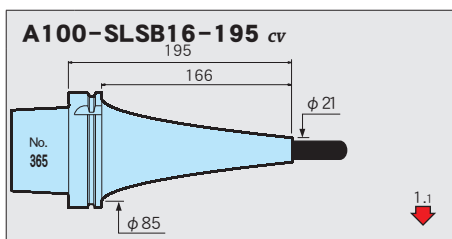
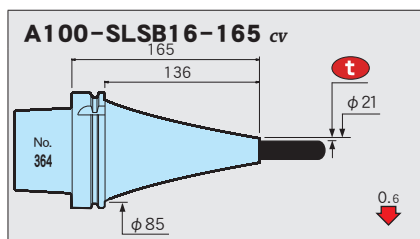
SLFA CV

肉厚t=5



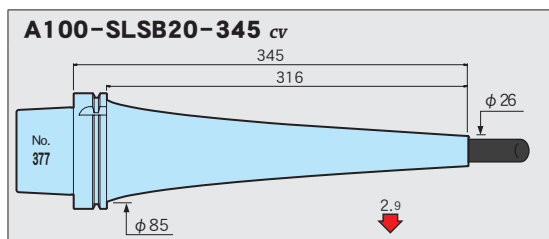
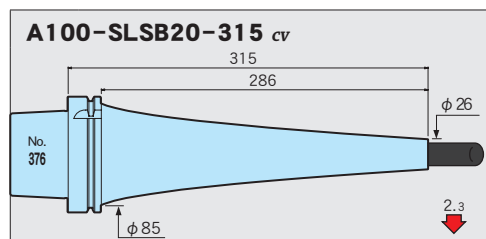
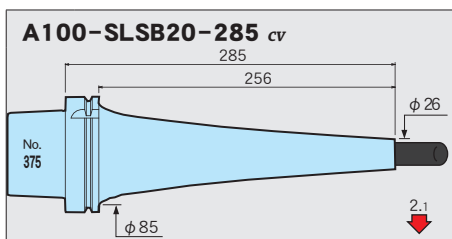
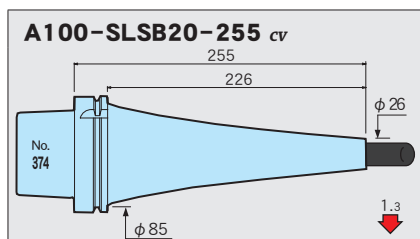
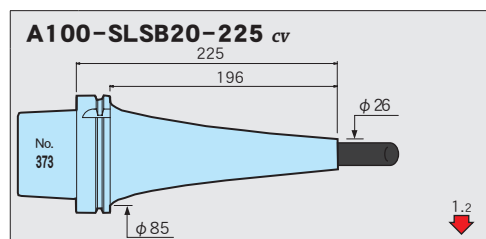
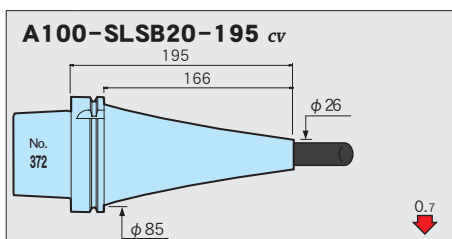
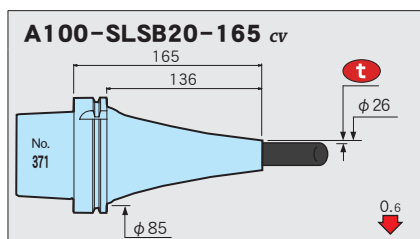
φ16 SLSB CV

肉厚t=2.5



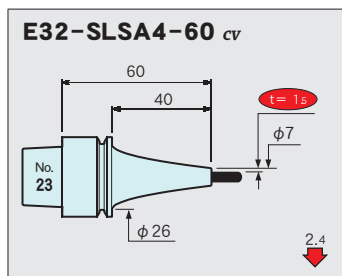
φ20 SLSB CV

肉厚t=3

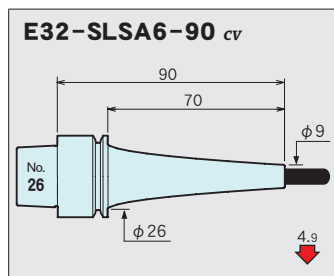
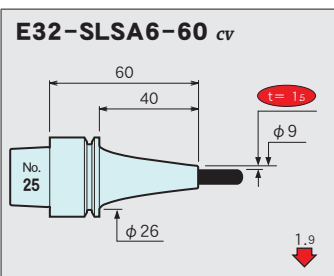
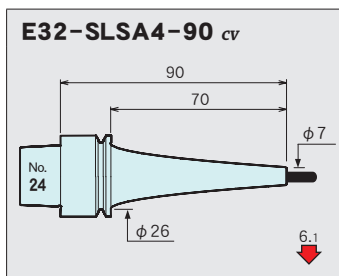


E32cv

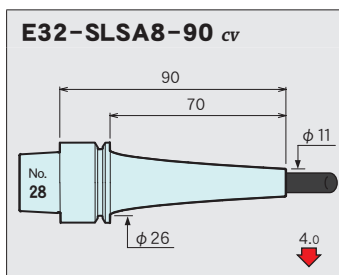
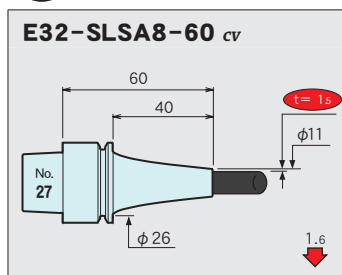
φ4



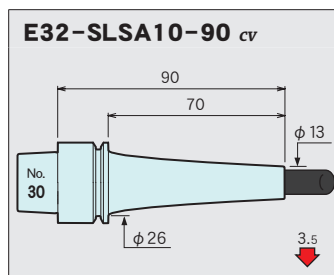
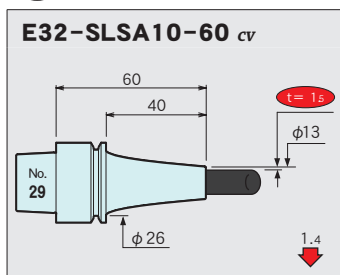
φ6



φ8

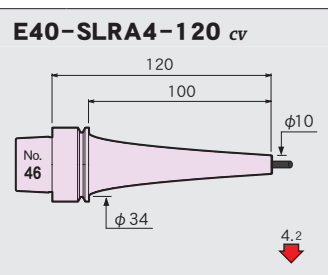
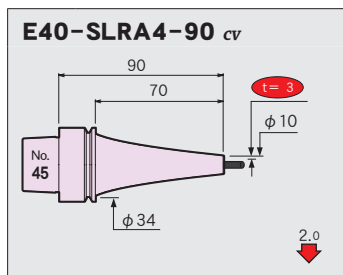
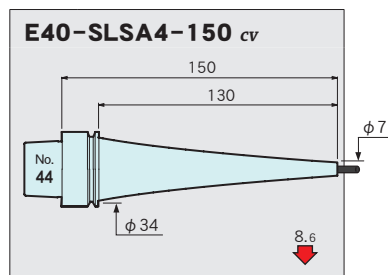
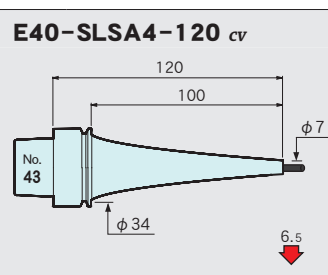
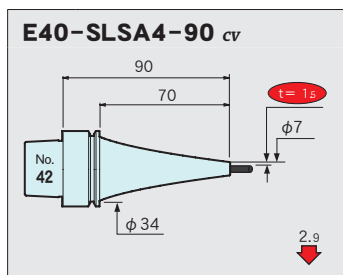


φ10

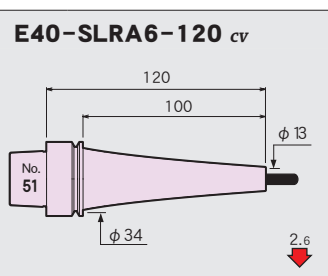
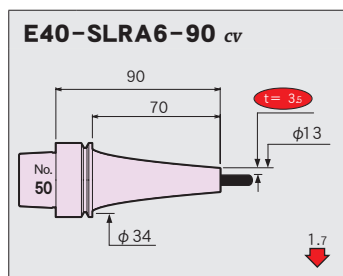
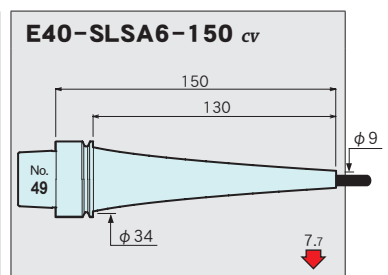
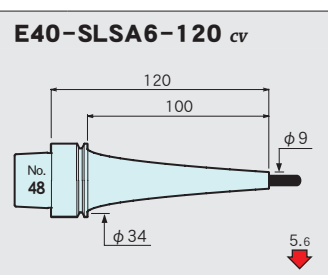
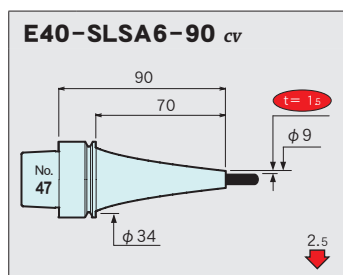


E40cv

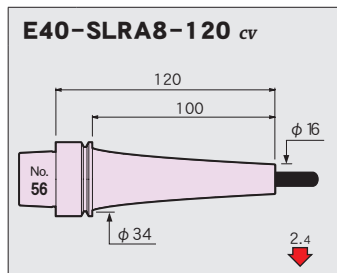
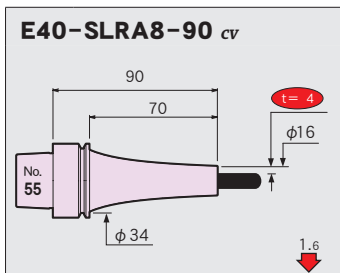
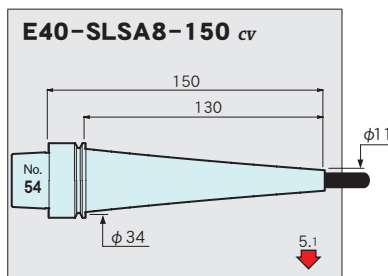
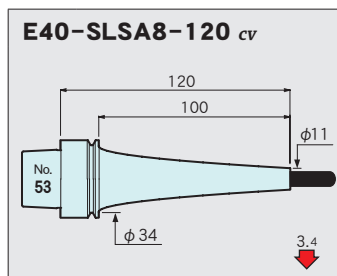
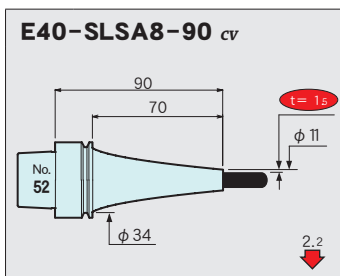
$\phi 4$



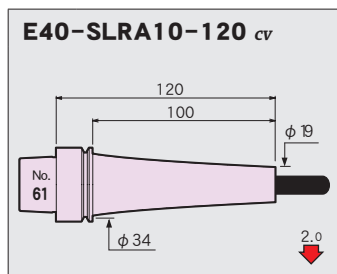
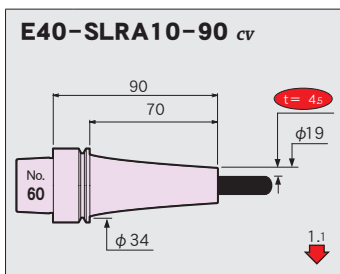
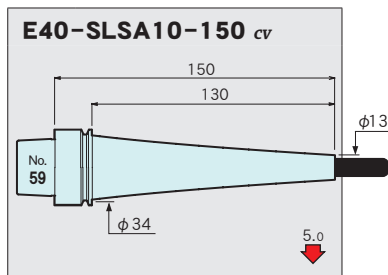
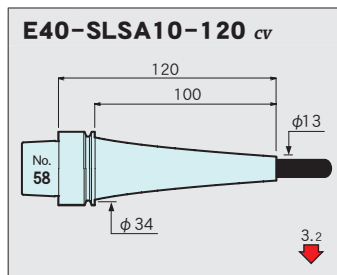
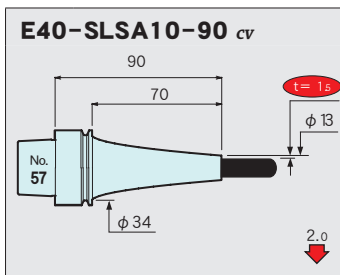
$\phi 6$



φ 8

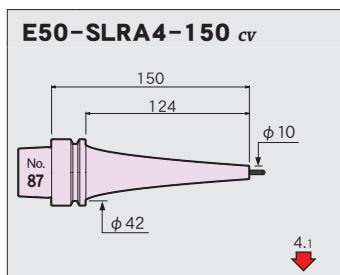
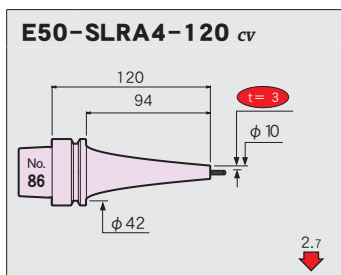
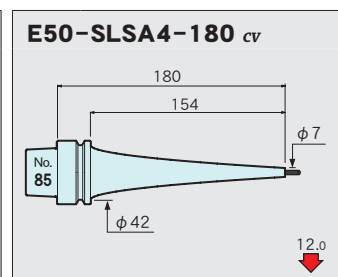
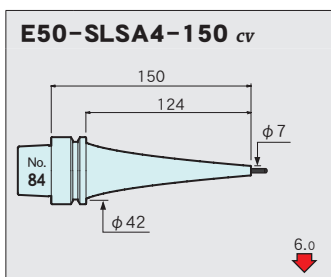
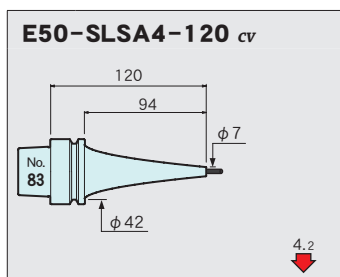
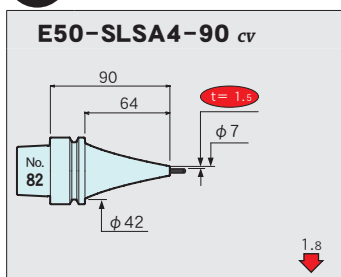


φ 10

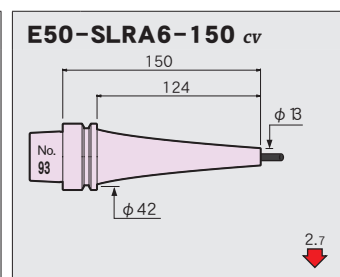
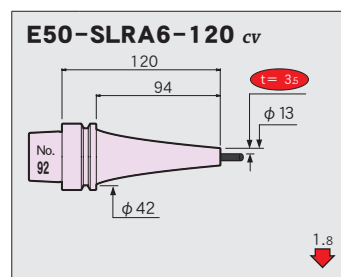
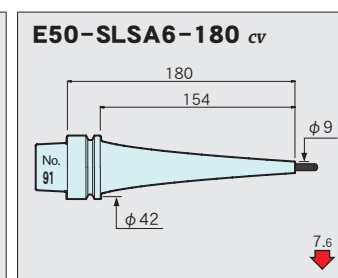
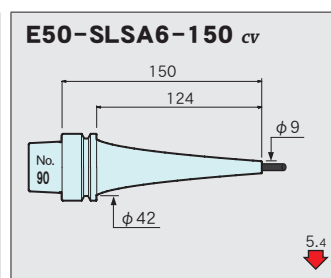
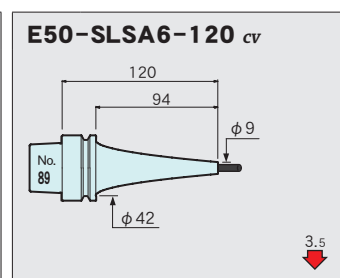
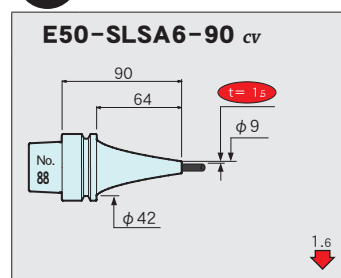


E50cv

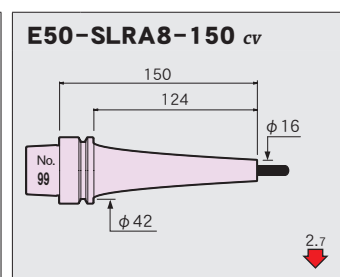
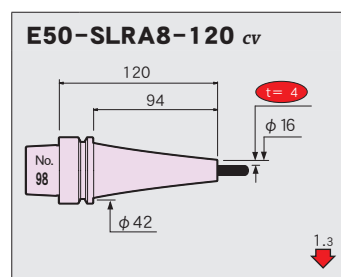
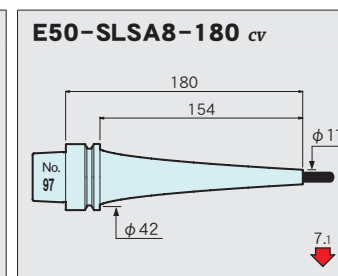
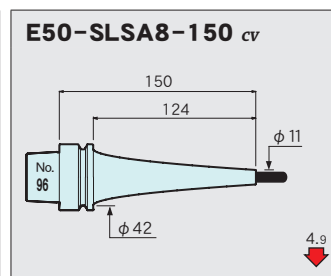
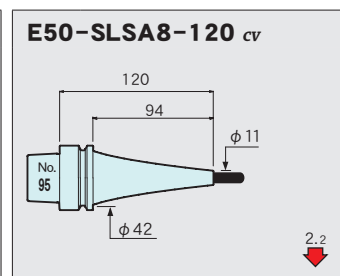
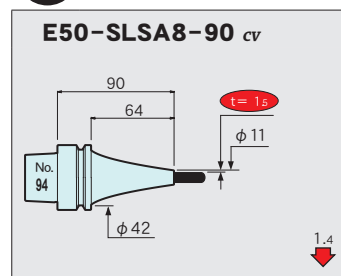
φ4



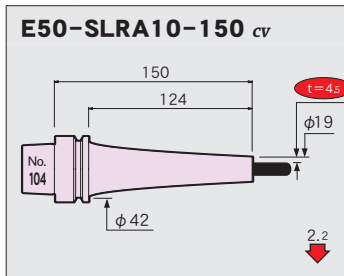
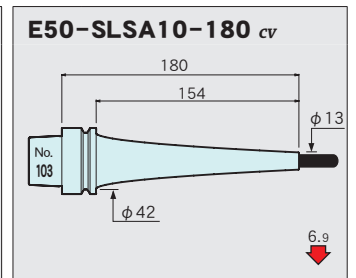
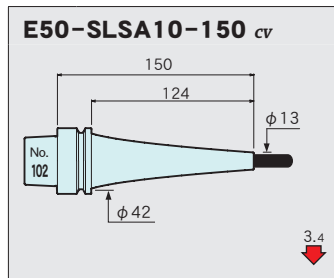
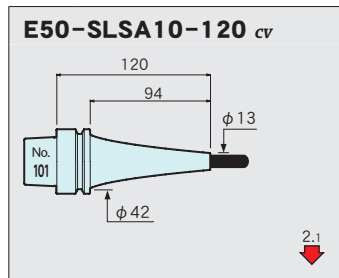
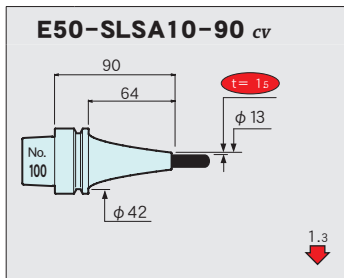
φ6



φ8

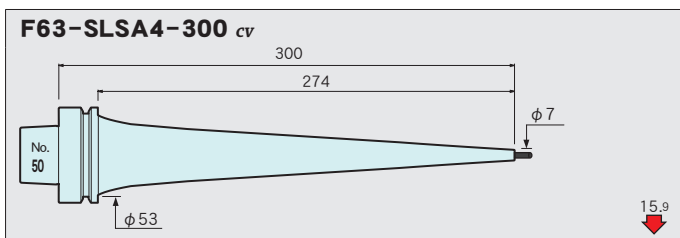
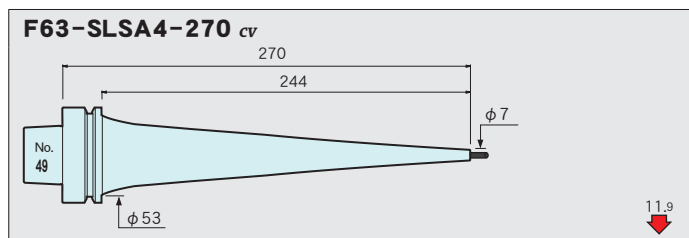
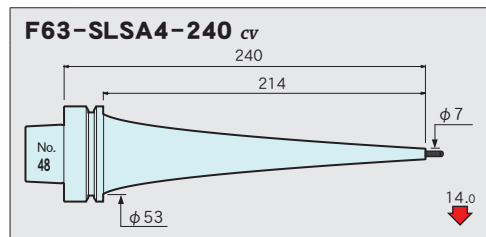
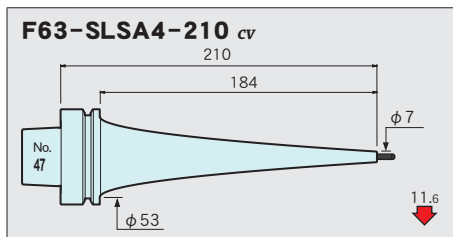
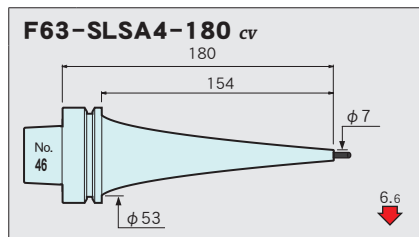
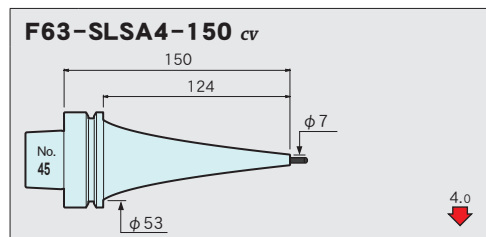
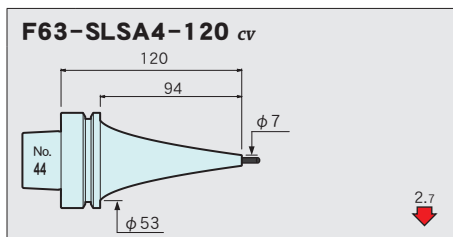
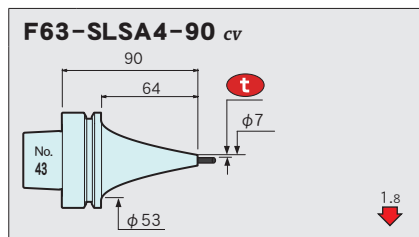


$\phi 10$

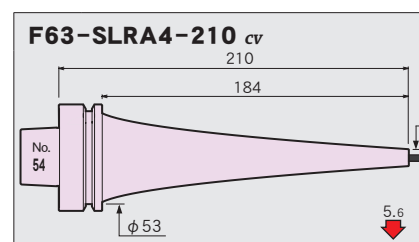
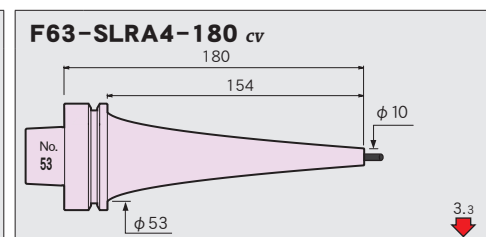
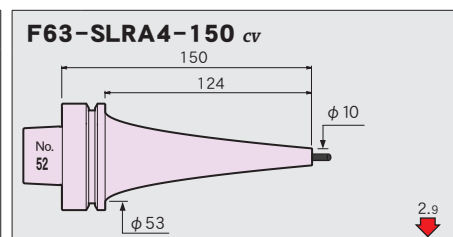
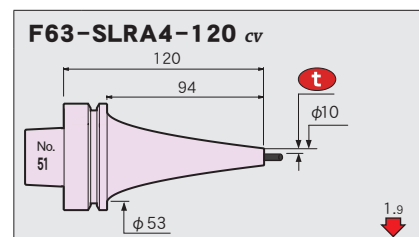


F63cv

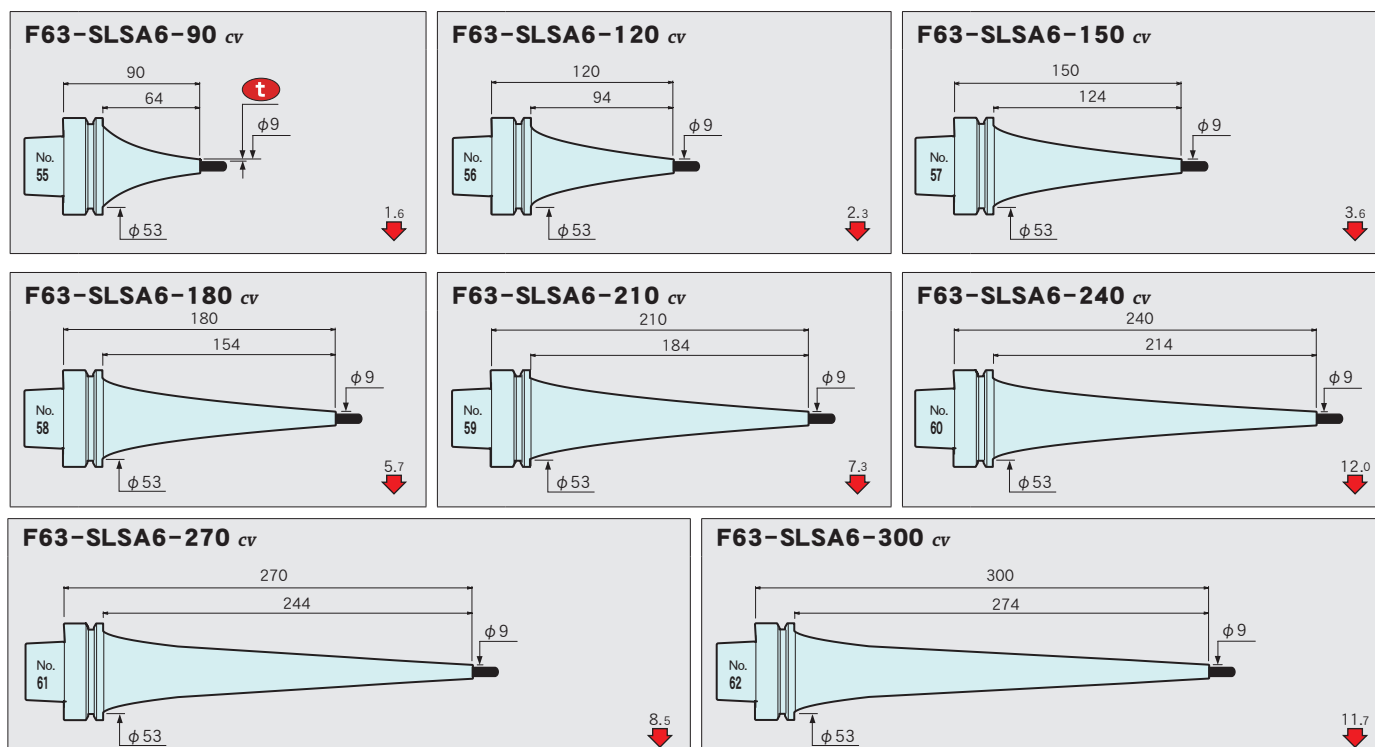
φ4 SLSA CV 肉厚t=1.5



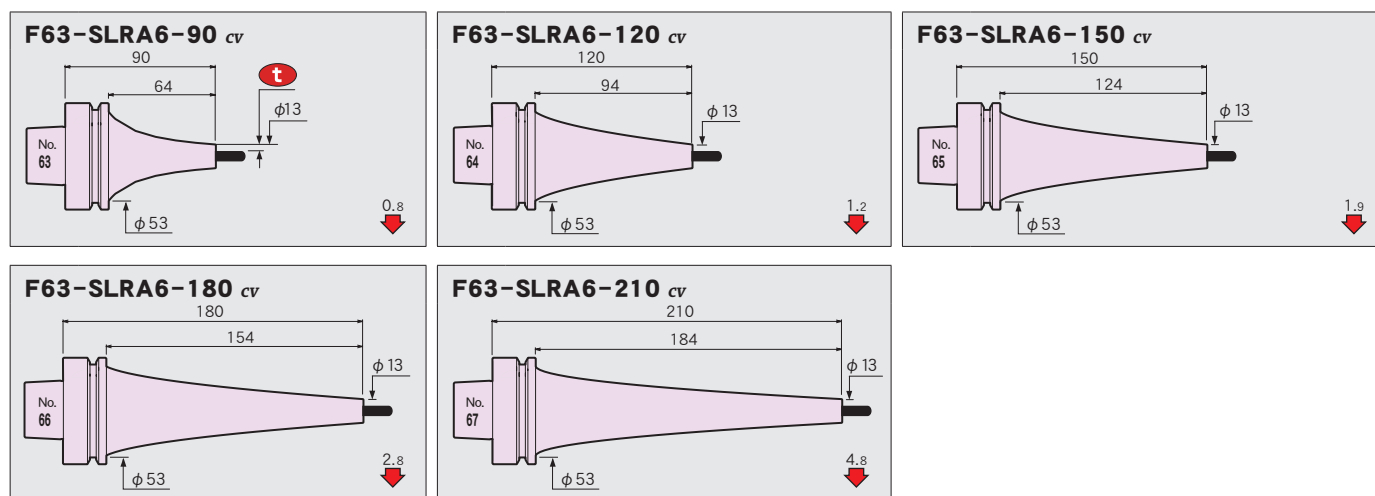
φ4 SLRA CV 肉厚t=3



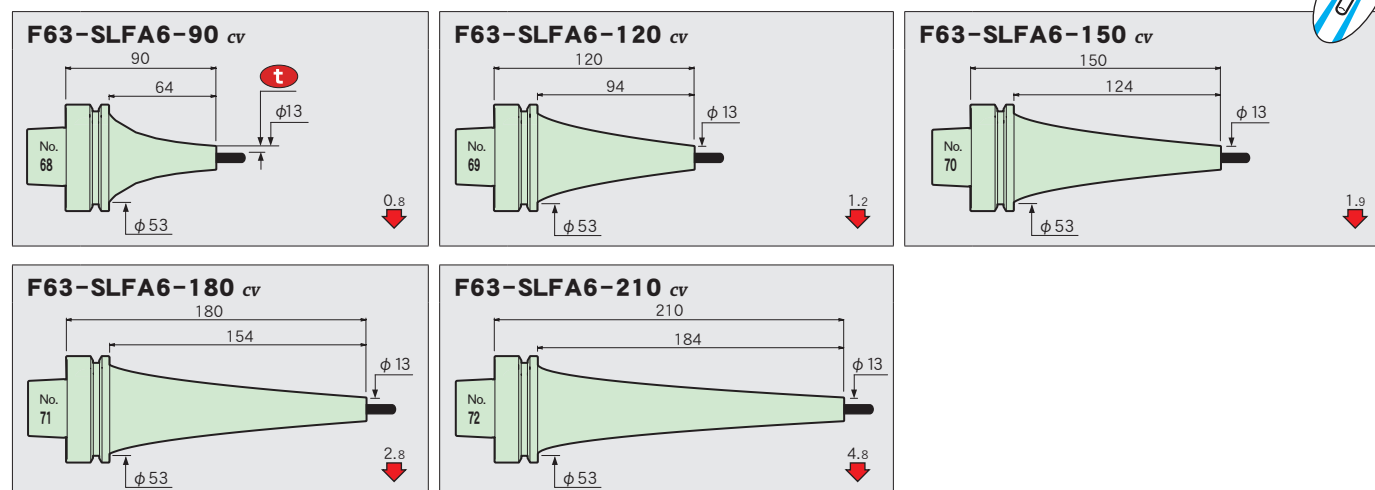
φ6 SLSA CV 肉厚t=1.5



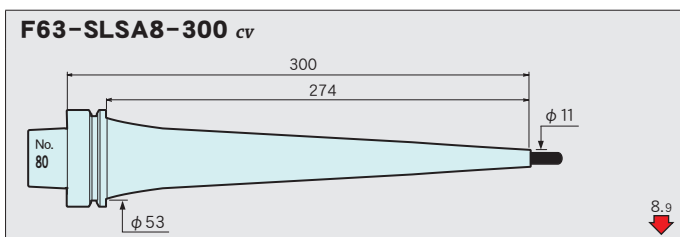
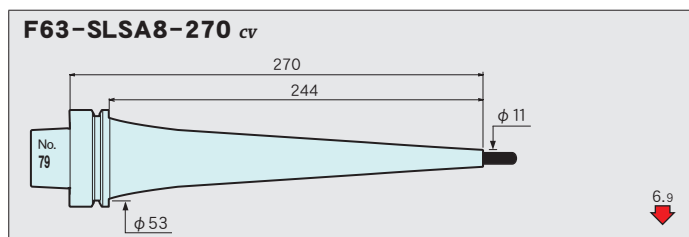
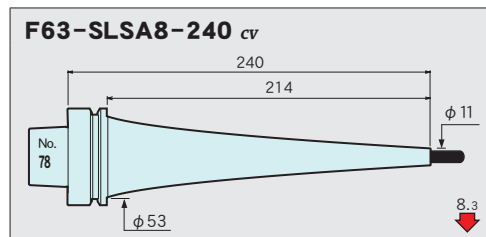
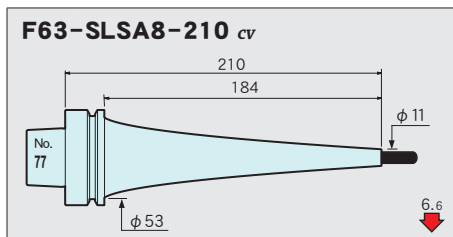
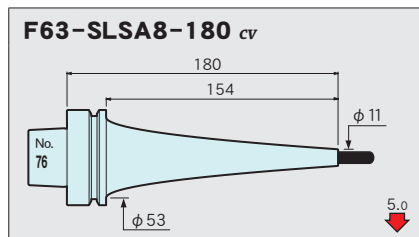
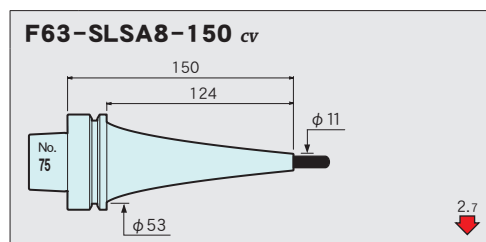
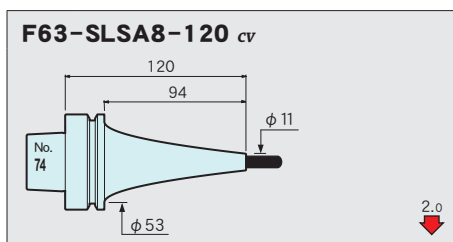
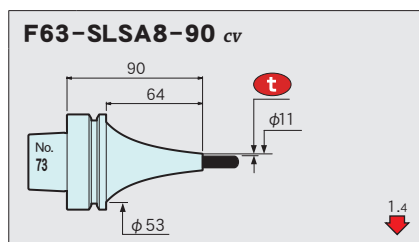
φ6 SLRA CV 肉厚t=3.5



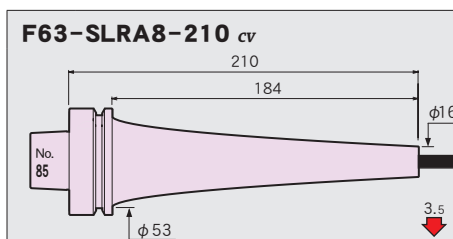
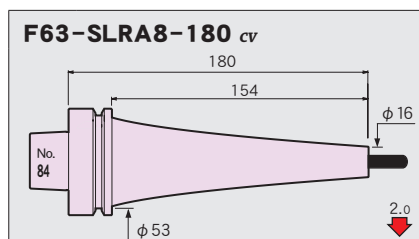
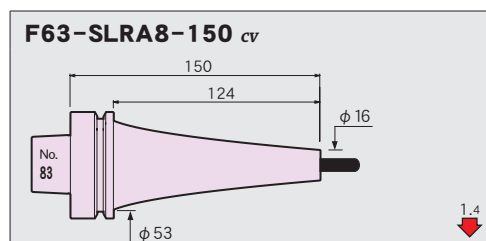
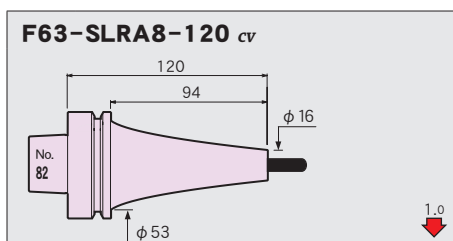
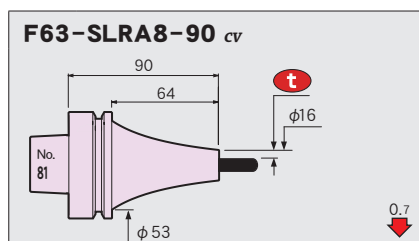
φ6 SLFA CV 肉厚t=3.5



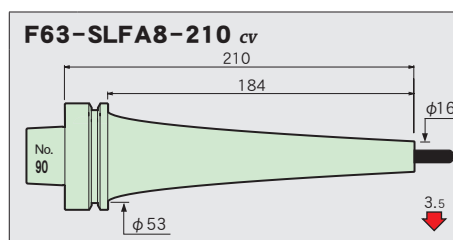
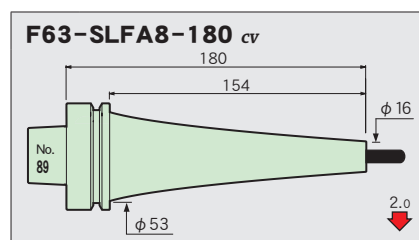
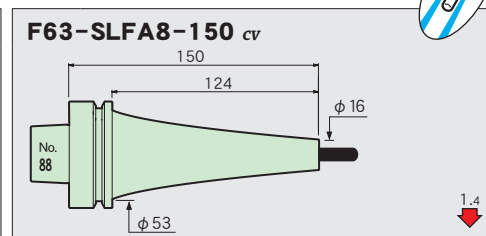
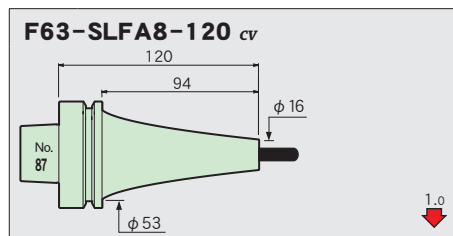
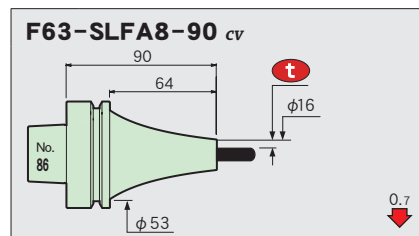
φ8 **SLSA CV** 肉厚t=1.5



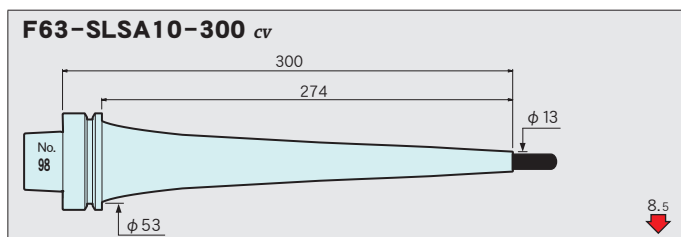
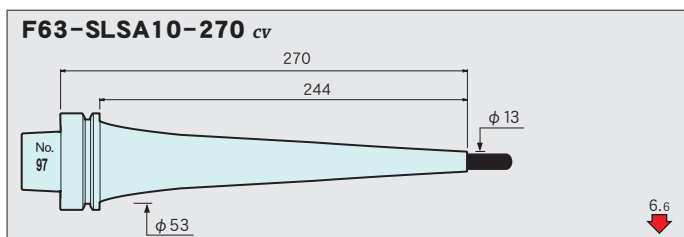
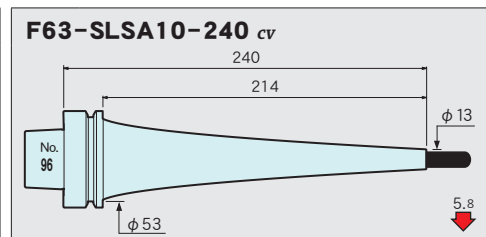
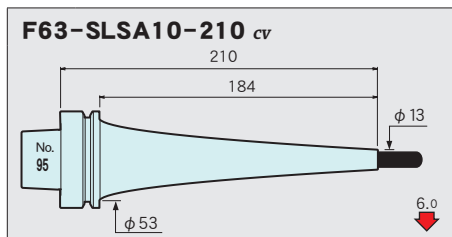
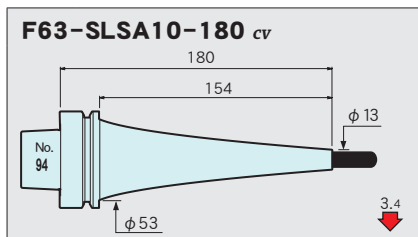
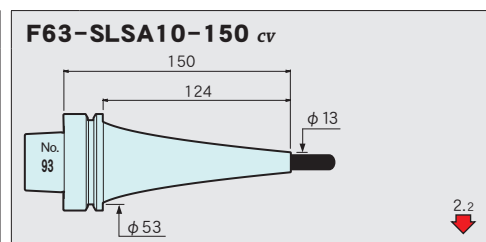
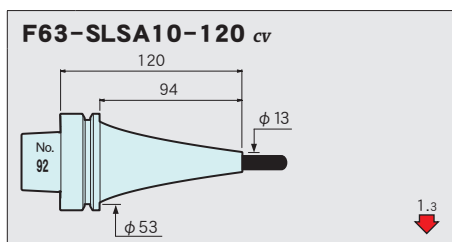
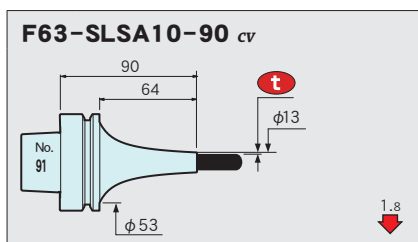
φ8 **SLRA CV** 肉厚t=4



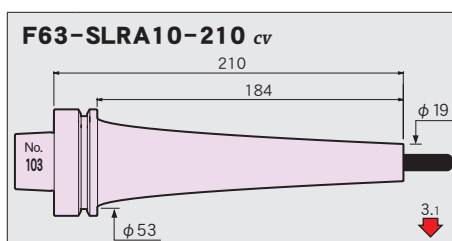
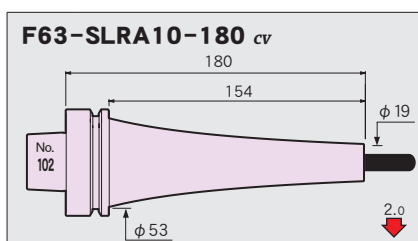
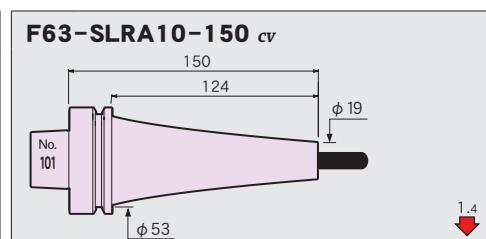
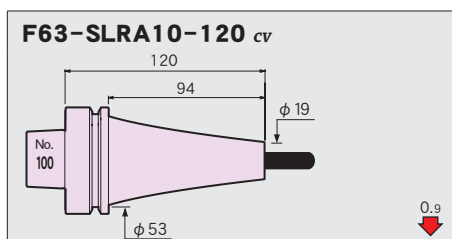
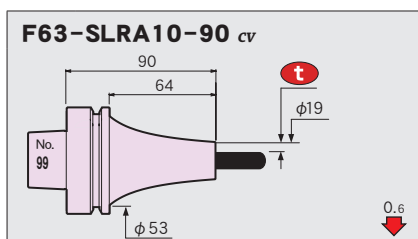
φ8 **SLFA CV** 肉厚t=4



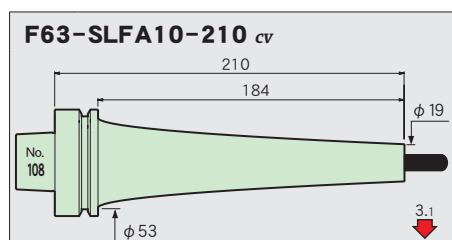
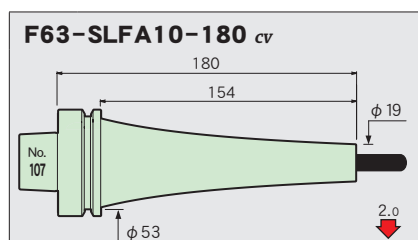
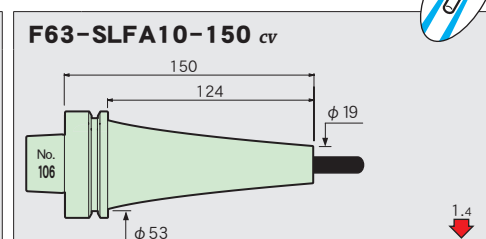
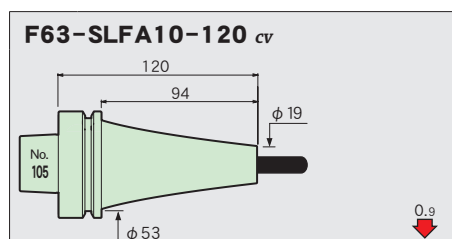
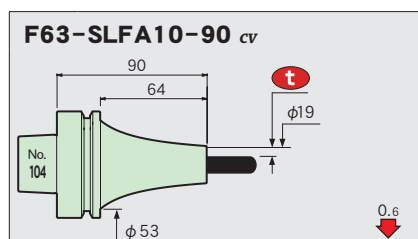
φ10 **SLSA CV** 肉厚t=1.5



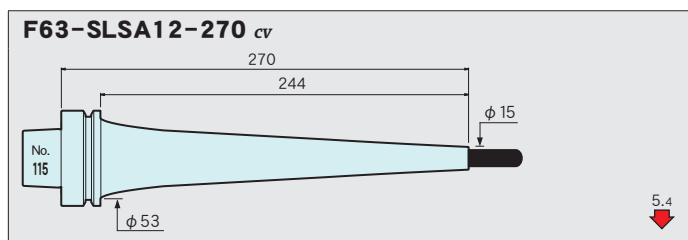
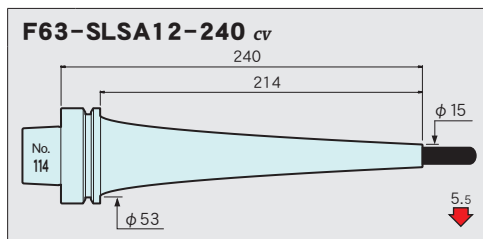
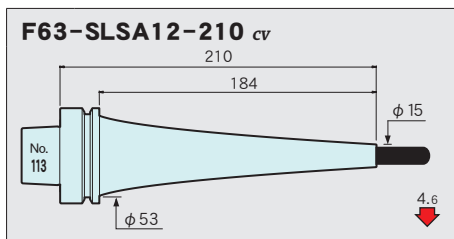
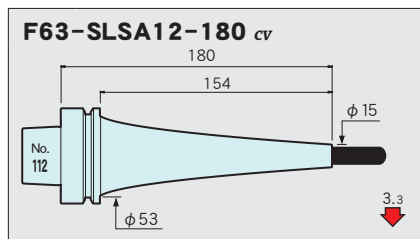
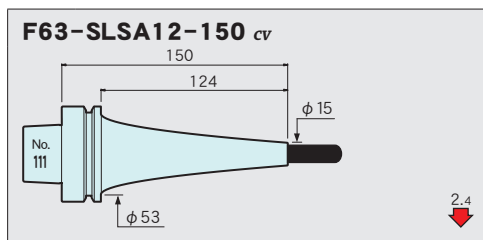
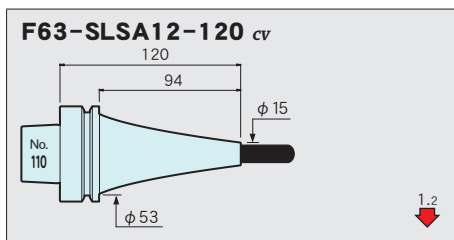
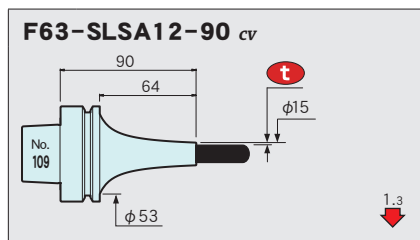
φ10 **SLRA CV** 肉厚t=4.5



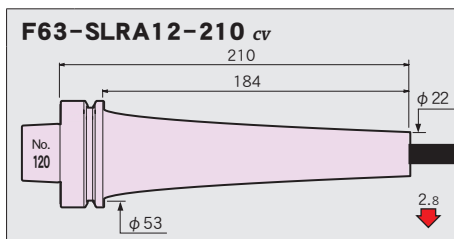
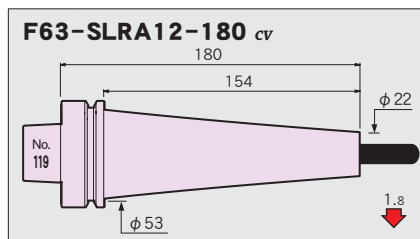
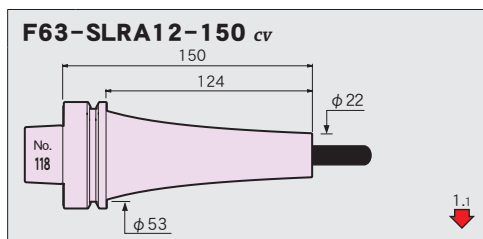
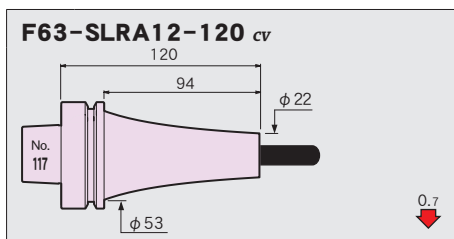
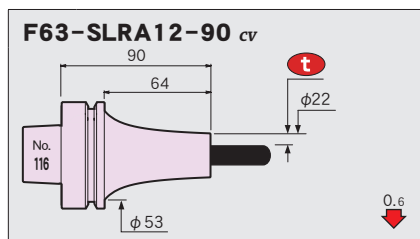
φ10 **SLFA CV** 肉厚t=4.5



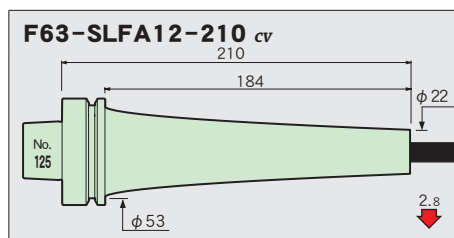
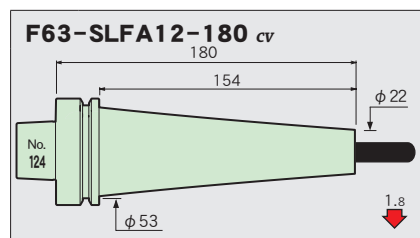
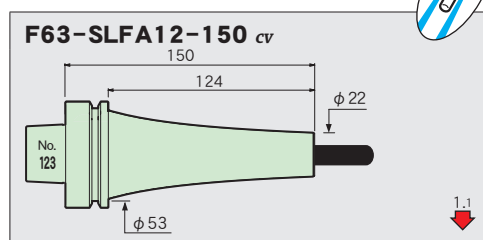
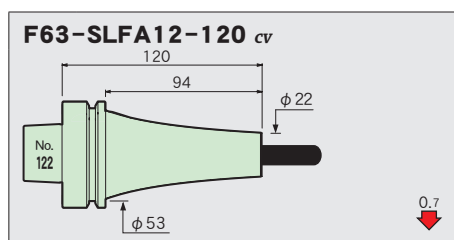
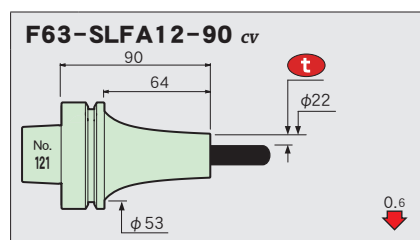
φ12 SLSA CV 肉厚 $t=1.5$



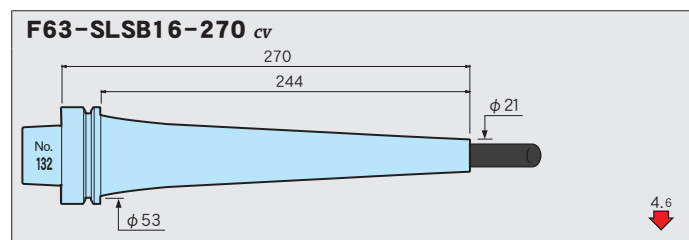
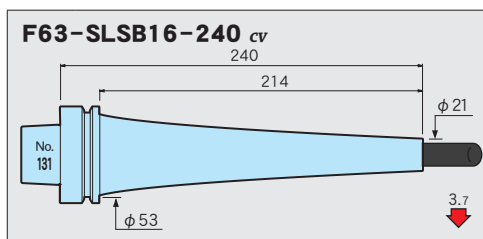
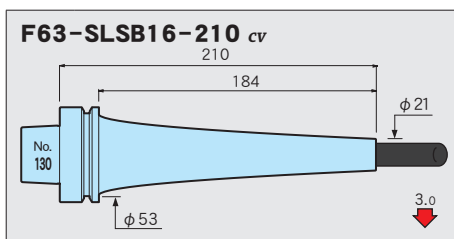
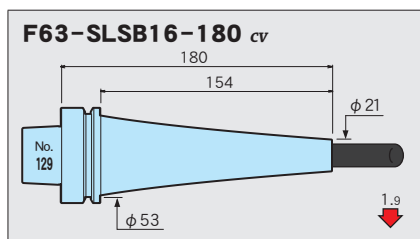
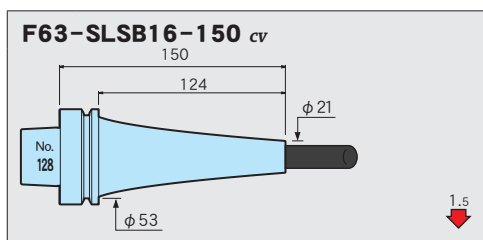
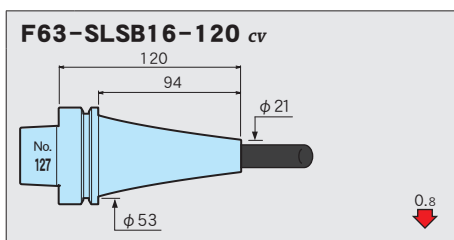
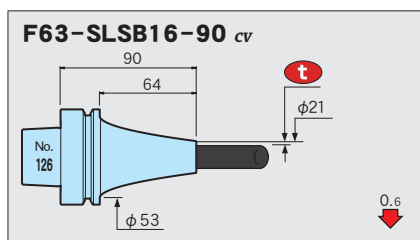
φ12 SLRA CV 肉厚 $t=5$



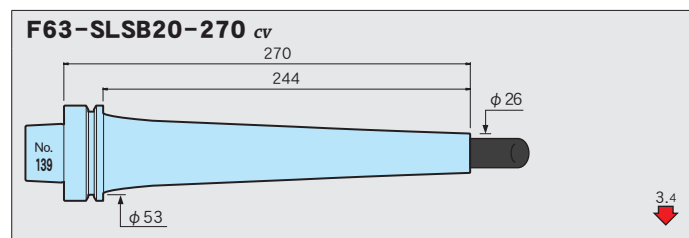
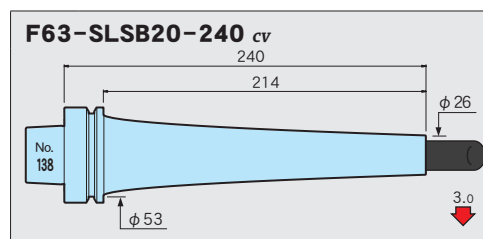
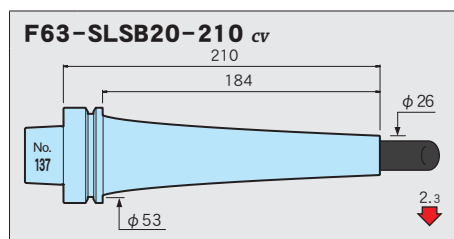
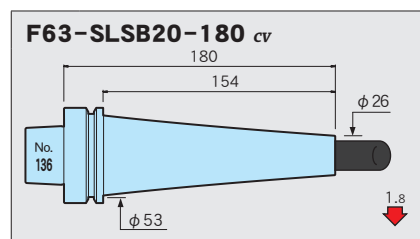
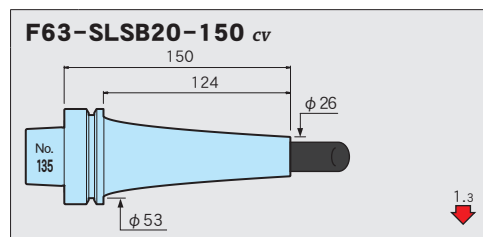
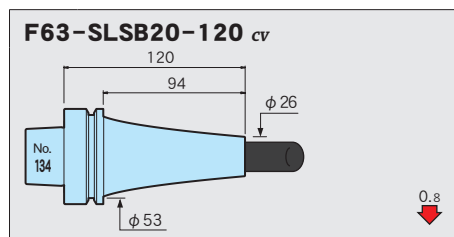
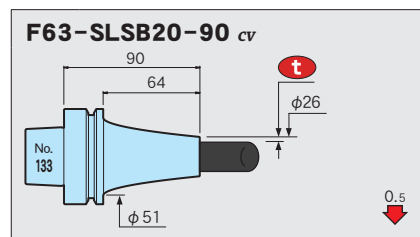
φ12 SLFA CV 肉厚 $t=5$



φ16 SLSB CV 肉厚t=2.5

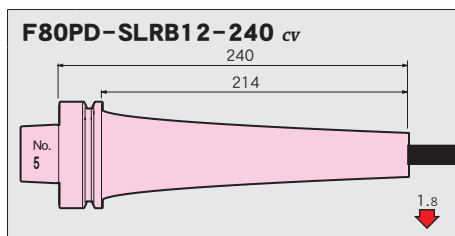
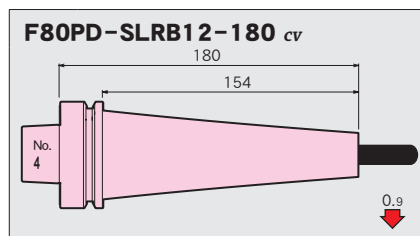
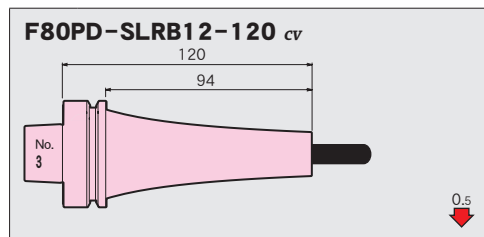
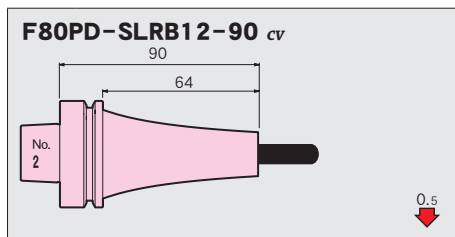
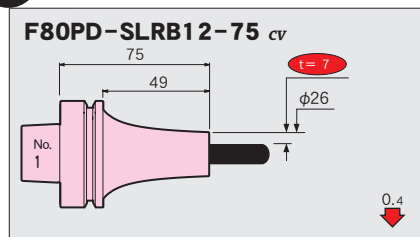


φ20 SLSB CV 肉厚t=3

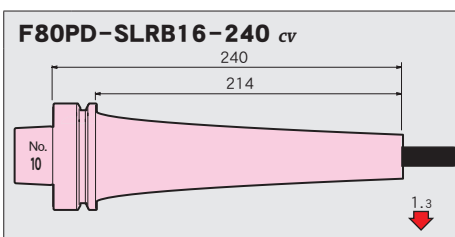
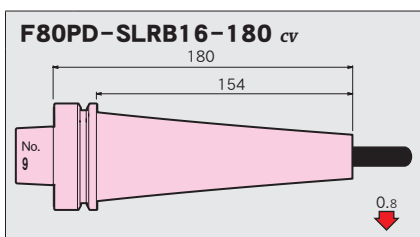
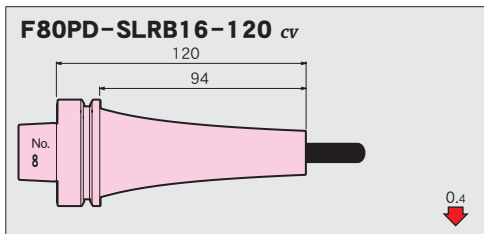
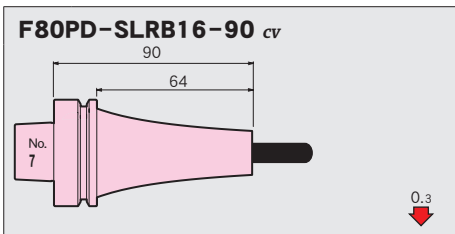
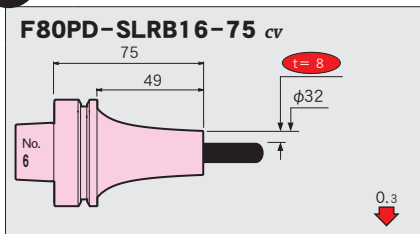


F80PD_{cv}

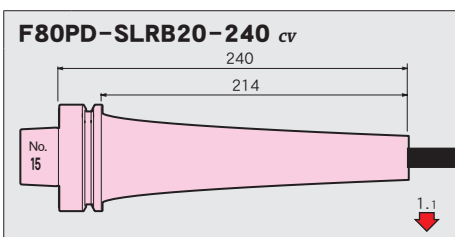
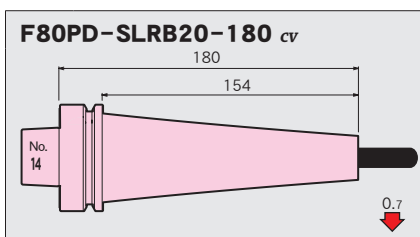
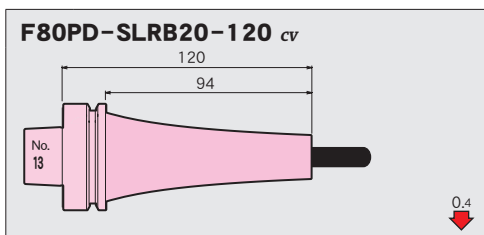
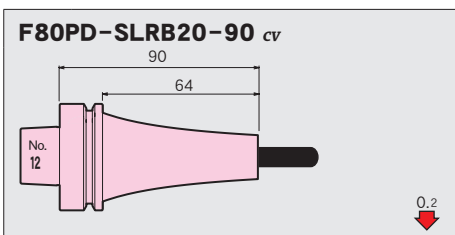
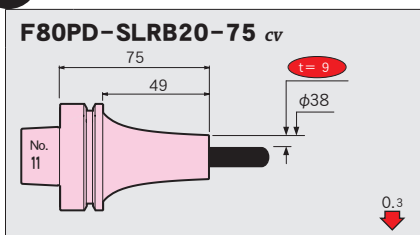
φ12



φ16

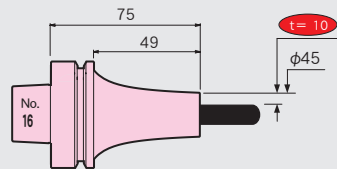


φ20

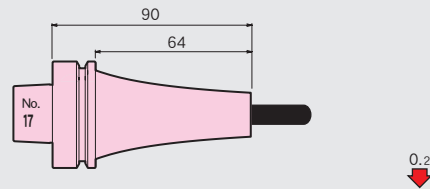


φ25

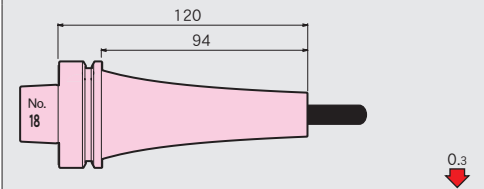
F80PD-SLRB25-75 cv



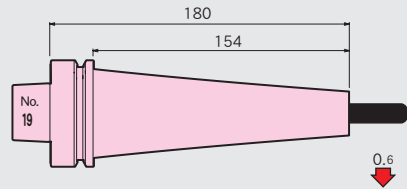
F80PD-SLRB25-90 cv



F80PD-SLRB25-120 cv



F80PD-SLRB25-180 cv



F80PD-SLRB25-240 cv

