

SHRINK-FIT HOLDER
SLIMLINE

Straight Shank

STRAIGHT arbor



Code System

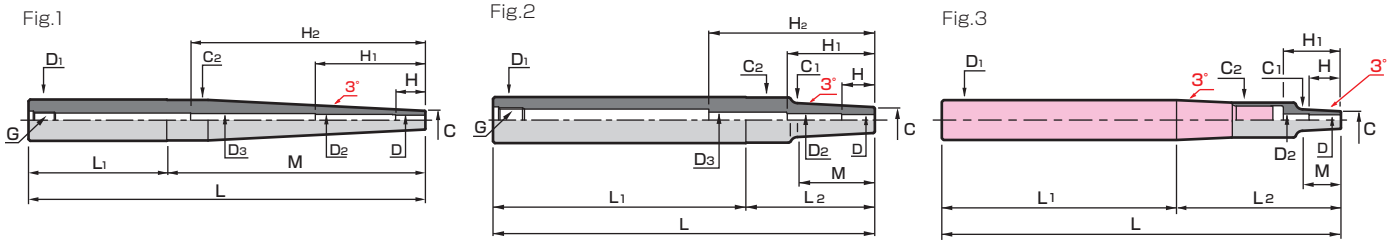
Code System: **ST 10 C - SLSA 3 - 110 - M42**

The code of Straight Shank: **ST**
 Carbide Shank: **10**
 Holder Type: **C**
 Holder Type: **SLSA**
 Cutter Shank Diameter: **3**
 L: **110**
 Effective Length: **M42**


Holder Type	Thickness (t)
SLSA (Slim A type)	1.5 (Constant)
SLSB (Slim B type)	2 ~ 4.5
SLRA (Regular A type)	2.25 ~ 3
SLRB (Regular B type)	4 ~ 10

Shank Diameter	3	3.175	4	5	6	7	8	9	10	11	12	16	20	25	1/8	3/16	1/4	3/8	1/2
10	●	●	●	●															
12					●														
16	●		●		●		●												
19.05															●	●	●		
20	●		●	●	●		●		●		●								
25	●		●	●	●	●	●	●	●	●	●	●							
25.4																		●	●
32					●		●		●		●	●	●	●					
42									●		●	●	●	●	●				

Metric

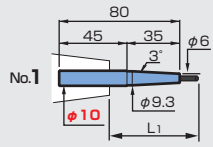


CODE	Fig.	φD	φC	L	M	φD ₁	H	L ₁	L ₂	φC ₁	φC ₂	G	Max. insertion length	KG	φD ₂	φD ₃	H ₁	H ₂	Scale model
ST10 -SLSA 3- 80-M 35	1	3	6	80	35	10	9	45	35	-	9.3	M 6	64	0.03	4	-	40	-	1
ST16 -SLRA 3- 90-M 22	2		7.5	90	22	16		60	30	9.8	15.5	M10	62	0.09			31.5		2
-SLSA 3-115-M 42			6	115	42				55	10.4			87				51.5		3
-SLRA 3-115-M 42			7.5					65	50	11.9				0.1	8.6		60		4
-SLSA 3-140-M 67			6	140	67			60	80	13			112		6	52.5	82.5		5
-SLRA 3-140-M 67			7.5					65	75	14.5									6
ST10C -SLSA 3-160	3		6	160	12	10		120	40	7.3	10	-	19	0.2			15.5	-	7
ST20 -SLRA 3-175-M 97	2		7.5	175	97	20		70	105	17.7	19.5	M10	147		6	51.5	107.5		8
-SLSA 3-200-M 97			6	200				90	110	16.2			172	0.3			52.5	102.5	9
ST25 -SLSA 3-245-M 97				245		25		120	125		24.5		217	0.6	5	47.5	99.5		10
-SLRA 3-245-M 97			7.5							17.7									11
ST16C -SLSA 3-280	3		6	280	12	16		182	98	7.3	10	-	19	0.7			15.5	-	12
ST25 -SLSA 3-315-M195	1			315	195	25		120	195	-	24.5	M10	287		5	51.5	104.5		13
-SLRA 3-315-M 67	2		7.5		67			220	95	14.5				0.9			47.5	69.5	14
ST10 -SLSA3.175 - 80-M35	1	3.175	6	80	35	10	10	45	35	-	9.3	M 6	64	0.03	4	-	40	-	15
ST10 -SLSA 4- 80-M 35	1	4	7	80	35	10	12	45	35	-	9.5	M 6	64	0.03	5	-	40	-	16
ST16 -SLRA 4- 90-M 22	2		10	90	22	16		60	30	12.3	15.5	M10	62	0.09			32.5		17
-SLSA 4-115-M 42			7	115	42				55	11.4			87	0.1			60		18
-SLRA 4-115-M 42			10					65	50	14.4					8.6	52.5	60		19
-140-M 60	1			140	60			80	-	-			112			62.5	85		20
-SLSA 4-140-M 67	2		7		67			60	80	14					6		82.5		21
ST10C -SLSA 4-160	3			160	12	10		120	40	8.3	10	-	19	0.2			15.5	-	22
ST20 -SLRA 4-175-M 95	1		10	175	95	20		80	-	-	19.5	M10	147	0.3	6	51.5	97.5		23
-SLSA 4-200-M 97	2		7	200	97			90	110	17.2			172		7	37.5	102.5		24
ST25 -SLSA 4-245-M 97				245		25		120	125		24.5		217	0.6	6	50.5	100.5		25
-SLRA 4-245-M 97			10							20.2									26
ST16C -SLSA 4-280	3		7	280	12	16		182	98	8.3	10	-	19	0.7			15.5	-	27
ST25 -SLRA 4-315-M 67	2		10	315	67	25		220	95	17	24.5	M10	287	0.9	6	50.5	70.5		28
-SLSA 4-315-M195	1		7		195			120	-	-				0.7			110.5		29
ST10 -SLSA 5- 80-M 35	1	5	8	80	35	10	15	45	-	-	9.5	M 6	70	0.03	6	-	61.5	-	30
ST20 -SLSA 5-200-M110				200	110	20		90			19.2	M10	182	0.3		8.6	69.2	161.5	31
ST25 -SLSA 5-290-M 97	2			290	97	25		180	97	18.2	24.5		272	0.8			241.5		32
ST12 -SLSA 6- 80-M 35	1	6	9	80	35	12	18	45	-	-	11.5	M 8	52	0.04	7	-	40	-	33
ST16 -SLSA 6-115-M 42	2			115	42	16		60	55	13.4	15.5	M10	87	0.1			60		34
-SLSB 6-115-M 42			10					65	50	14.4					8.6	52.5	60		35
ST20 -SLRB 6-120-M 42			14	120		20		70		18.4	19.5		92	0.2					36
ST16 -SLSB 6-140-M 60	1		10	140	60	16		80	-	-	15.5		112	0.1			62.5	85	37
-SLSA 6-140-M 70			9		70			70									72.5		38
ST20 -SLSA 6-175-M105				175	105	20					19.5		147	0.3			107.5	115	39
-SLSB 6-175-M 95			10		95			80									97.5		40
-SLRB 6-175-M 60			14		60			115									62.5		41
ST12C -SLSB 6-175	3		10		12	12		125	50		12	-	27				23.5	-	42
ST25 -SLSB 6-205-M127	2			205	127	25		70	135	23.3	24.5	M10	177	0.5	8.6	102.5	135		43
ST16C -SLSB 6-225	3			225	22	16		165	60	12.3	16	-	32	0.6			26.5	-	44
ST25 -SLSA 6-230-M 97	2		9	230	97	25		120	110	19.2	24.5	M10	202	0.5	8.6	92.5	160		45
-SLRB 6-240-M 42			14	240	42			170	70	18.4			212	0.7			45.5	50	46
ST32 -SLSB 6-255-M157			10	255	157	32		70	185	26.5	31.5	M16	227	0.8	8	72.5	163.5		47
ST25 -SLSA 6-305-M185	1		9	305	185	25		120	-	-	24.5	M10	277				75.5	160.5	48
ST20C -SLSB 6-320	3		10	320	22	20		221	99	12.3	16	-	32	1.3			26.5	-	49
ST32 -SLRB 6-345-M 67	2		14	345	67	32		250	95	21	31.5	M16	317	1.6			50.5	73.5	50
ST25C -SLSB 6-360	3		10	360	22	25		242	118	12.3	20	-	38	2.2			31.5	-	51
ST32 -SLSB 6-375-M157	2			375	157	32		190	185	26.5	31.5	M16	347	1.4			72.5	163.5	52

CODE	Fig.	ϕD	ϕC	L	M	ϕD_1	H	L_1	L_2	ϕC_1	ϕC_2	G	Max. insertion length	 Kg	ϕD_2	ϕD_3	H_1	H_2	Scale model
ST25 -SLSA 7-230-M 97	2	7	10	230	97	25	20	120	110	20.2	24.5	M10	212	0.5	8	8.6	69.8	181.5	53
-320-M 97				320										302				0.9	271.5
ST20 -SLRB 8-100-M 30	1	8	18	100	30	20	24	70	-	-	19.5	M10	72	0.2	8.6	-	40	-	55
ST16 -SLSA 8-115-M 50				115	50	16				65			15.5					87	0.1
ST20 -SLSB 8-145-M 70	2	18	145	70	20			75			19.5		117	0.2	8.6	-	85	-	57
ST25 -SLRB 8-160-M 42				160	42	25				110	50	22.4	24.5					132	0.5
ST20 -SLSA 8-175-M 85	1	11	175	85	20			90	-	-	19.5		147	0.3	8.6	-	115	-	59
ST25 -SLSB 8-175-M 97	2	13		97	25			70	105	23.2	24.5			0.4				105	60
-SLRB 8-210-M 90	1	18	210	90				120	-	-			182	0.6	8.6	-	70	-	61
ST16C-SLSB 8-225	3	13	225	22	16			165	60	15.3	16	-	32					27.5	62
ST25 -SLSA 8-230-M 97	2	11	230	97	25			120	110	21.2	24.5	M10	202		8.6	-	160	-	63
-SLSB 8-260-M140	1	13	260	140					-	-			232	0.7				120	64
ST20C-SLSB 8-270	3		270	22	20			200	70	15.3	20	-	38	1.1	8.6	-	31.5	-	65
ST25 -SLSA 8-280-M160	1	11	280	160	25			120	-	-	24.5	M10	252	0.7				140	66
ST32 -SLRB 8-285-M 67	2	18	285	67	32			190	95	25	31.5	M16	257	1.3	8.6	-	73.5	-	67
ST25C-SLSB 8-360	3	13	360	22	25			242	118	15.3	20	-	38	2.2				31.5	68
ST32 -SLSB 8-375-M157	2		375	157	32			190	185	29.5	31.5	M16	347	1.5	12	72.5	164.5	69	
ST25 -SLSA 9-230-M 97	2	9	12	230	97	25	30	120	110	22.2	24.5	M10	60	0.6	9.6	-	181.5	-	70
-320-M 97				320						210									0.9
ST25 -SLRB10-120-M 35	1	10	22	120	35	25	30	85	-	-	24.5	M10	60	0.4	10.6	-	50	-	72
ST20 -SLSB10-120-M 50				16	50	20				70			19.5						0.2
ST25 -SLSB10-145-M 67	2		145	67	25				75	23	24.5			0.4	10.6	-	75	-	74
ST20 -SLSA10-145-M 70	1	13		70	20			75	-	-	19.5			0.2				85	75
ST25 -SLSB10-175-M105	1	16	175	105	25			70			24.5			0.5	10.6	-	70	-	76
-SLRB10-210-M 90				22	210	90				120									0.7
ST32 -SLSB10-240-M170	2	16	240	170	32			70			31.5	M16	212	0.9	12	59.5	149.5	78	
ST25 -SLSA10-255-M135	3	13	255	135	25			120			24.5	M10	60	0.7	10.6	-	115	-	79
ST20C-SLSB10-270				16	270	22	20			200	70	18.3	20	-				38	1.1
ST25 -SLSB10-275-M105	1		275	105	25			170	-	-	24.5	M10	60	0.8	10.6	85	-	81	
ST32 -SLRB10-285-M 67	2	22	285	67	32			190	95	29	31.5	M16	257	1.4	12	59.5	74.5	82	
-SLSA10-340-M210	1	13	340	210				130	-	-			312	1.3	10.6	-	167.5	-	83
ST25C-SLSB10-360	3	16	360	22	25			242	118	18.3	20	-	38	2.2				11	33.5
ST32 -SLSB10-360-M170	1		170	32				190	-	-	31.5	M16	332	1.5	10.6	12	59.5	149.5	85
ST42 -SLSB10-445-M157	2		445	157	42			260	185	32.5	41.5	M24	417	2.7			162.5	-	86
ST25 -SLSA11-230-M110	1	11	14	230	110	25	30	120	-	-	24.5	M10	60	0.6	11.6	-	181.5	-	87
-320-M110				320						210									0.9
ST25 -SLSB12-120-M 42	2	12	19	120	42	25	30	70	50	23.4	24.5	M10	60	0.3	12.6	-	50	-	89
ST20 -SLSA12-120-M 50				15	50	20					-	-	19.5						0.2
ST32 -SLRB12-140-M 60	1	26	140	60	32			80			31.5	M16	112	0.7	12.6	-	70	-	91
ST25 -SLSB12-150-M 80				19	150	80	25			70			24.5	M10				60	0.4
ST32 -SLSB12-220-M150	2	22	220	150	32						31.5	M16	192	0.9	12.6	-	130	-	93
ST25 -SLSA12-230-M110				15	230	110	25			120			24.5	M10				60	0.6
-SLSB12-250-M 80	1	19	250	80				170					0.8		12.6	-	60	-	95
ST32 -SLRB12-260-M 70	2	26	260	70	32			190			31.5	M16	232	1.3				13	190
-SLSA12-315-M185	1	15	315	185				130					287	1.2	12.6	-	165	-	97
-SLSB12-340-M150	19	340	150				190						312	1.5				130	98
ST42 -SLSB12-445-M157	2		445	157	42			260	185	35.5	41.5	M24	417	2.8	12.6	14	59.5	162.5	99
ST32 -SLRB16-175-M 45	1	16	32	175	45	32	32	130	-	-	-	M16	80	0.8	16.6	-	105	-	100
ST25 -SLSB16-175-M 50				24	50	25				125				M10					0.5
ST32 -SLSB16-290-M100	2	32	290	100	32			190			31.5	M16		1.4	16.6	-	80	-	102
ST42 -SLRB16-355-M 67				32	355	67	42			260	95	39	41.5	M24				327	2.7
-SLSB16-445-M157	1	24	445	157					-	40.5			417	3.0	20	142.5	163.5	104	
ST42 -SLRB20-170-M 70	1	20	38	170	70	42	40	100	-	-	41.5	M24	142	1.3	21.6	-	49.5	-	105
ST32 -SLSB20-175-M 50				29	175	50	32			125			31.5	M16				80	0.8
ST42 -SLSB20-255-M155	2	29	255	155	42			100			41.5	M24	227	1.7	21.6	-	69.5	135	107
-SLRB20-330-M 70				38	330	70				260								302	2.6
-SLSB20-415-M155	1	29	415	155									387	2.9	22	69.5	135	109	
ST42 -SLRB25-170-M 42	2	25	45	170	42	42	45	100	70	49.4	50	M24	80	1.5	25.6	-	50	-	110
-SLRB25-250-M 42				250						180									2.1

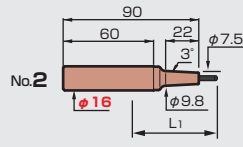
φ 3

ST10-SLSA3-80-M35



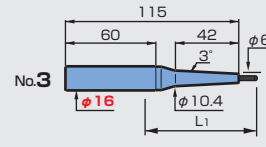
L ₁	49
↓	8.3

ST16-SLRA3-90-M22



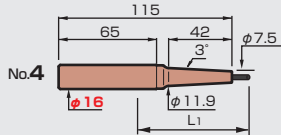
L ₁	41
↓	3.0

ST16-SLSA3-115-M42



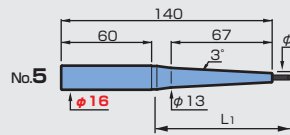
L ₁	73
↓	11.0

ST16-SLRA3-115-M42



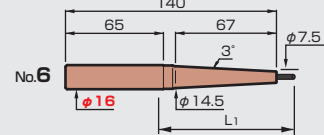
L ₁	73
↓	6.5

ST16-SLSA3-140-M67



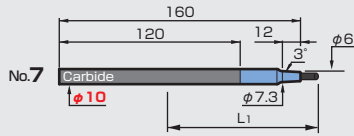
L ₁	89
↓	16.3

ST16-SLRA3-140-M67



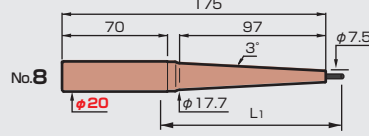
L ₁	89
↓	9.8

ST10C-SLSA3-160



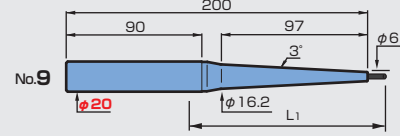
L ₁	59	79	99
↓	8.6	11.9	17.4

ST20-SLRA3-175-M97



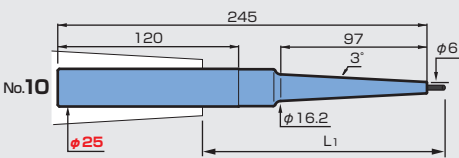
L ₁	114
↓	12.7

ST20-SLSA3-200-M97



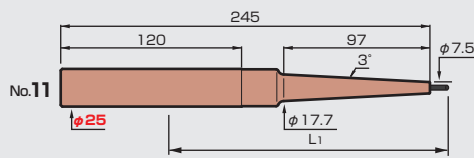
L ₁	129
↓	22.4

ST25-SLSA3-245-M97



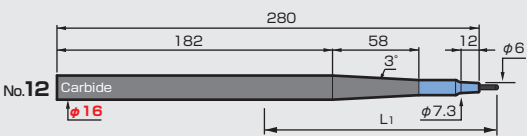
L ₁	134	184
↓	21.1	24.3

ST25-SLRA3-245-M97



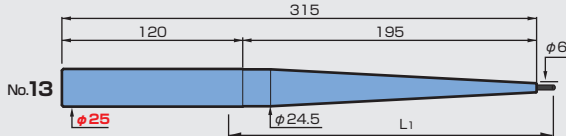
L ₁	134	184
↓	13.3	16.5

ST16C-SLSA3-280



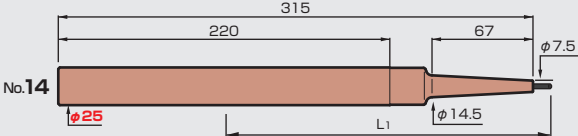
L ₁	121	153
↓	12.8	16.0

ST25-SLSA3-315-M195



L ₁	209
↓	32.3

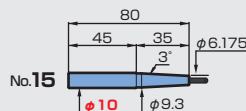
ST25-SLRA3-315-M67



L ₁	109	159	209
↓	9.3	11.6	15.9

φ 3¹⁷⁵

ST10-SLSA3.175-80-M35



φ 4

STRAIGHT arbor

ST10-SLSA4-80-M35

L ₁	52
↓	7.4

ST16-SLRA4-90-M22

L ₁	44
↓	1.8

ST16-SLSA4-115-M42

L ₁	76
↓	8.9

ST16-SLRA4-115-M42

L ₁	76
↓	4.3

ST16-SLRA4-140-M60

L ₁	76
↓	4.4

ST16-SLSA4-140-M67

L ₁	92
↓	13.0

ST10C-SLSA4-160

L ₁	62	82	102
↓	9.6	13.2	19.1

ST20-SLRA4-175-M95

L ₁	112
↓	7.0

ST20-SLSA4-200-M97

L ₁	132
↓	18.6

ST25-SLSA4-245-M97

L ₁	137	187
↓	17.1	20.4

ST25-SLRA4-245-M97

L ₁	137	187
↓	8.0	11.3

ST16C-SLSA4-280

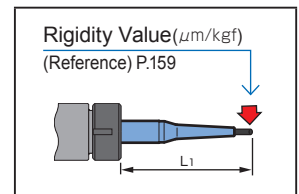
L ₁	124	156
↓	14.2	17.5

ST25-SLRA4-315-M67

L ₁	112	162	212
↓	5.5	7.9	12.3

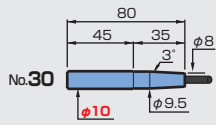
ST25-SLSA4-315-M195

L ₁	212
↓	26.8

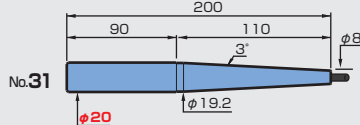


φ 5

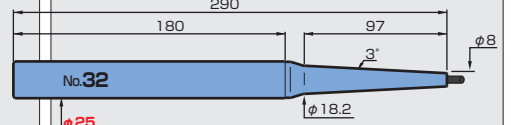
ST10-SLSA5-80-M35



ST20-SLSA5-200-M110

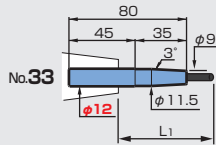


ST25-SLSA5-290-M97



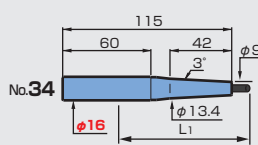
φ 6

ST12-SLSA6-80-M35



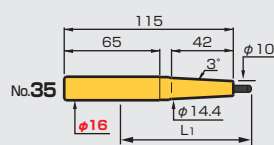
L1	54
↓	4.0

ST16-SLSA6-115-M42



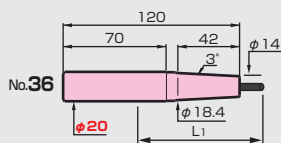
L1	82
↓	6.5

ST16-SLSB6-115-M42



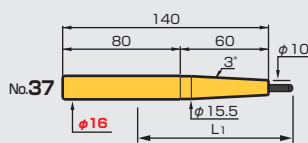
L1	82
↓	5.1

ST20-SLRB6-120-M42



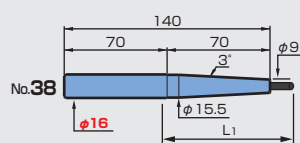
L1	78
↓	2.0

ST16-SLSB6-140-M60



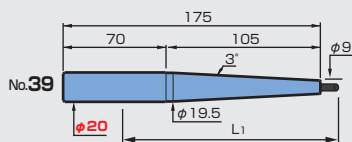
L1	82
↓	5.3

ST16-SLSA6-140-M70



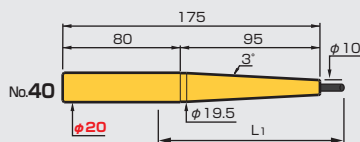
L1	98
↓	9.1

ST20-SLSA6-175-M105



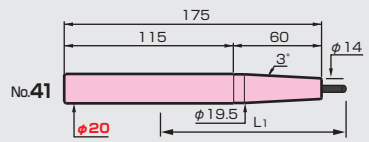
L1	138
↓	12.8

ST20-SLSB6-175-M95



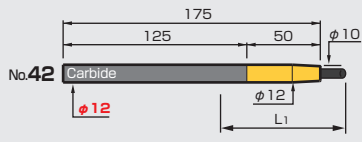
L1	118
↓	8.2

ST20-SLRB6-175-M60



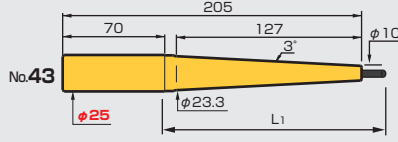
L1	78	118
↓	2.0	4.5

ST12C-SLSB6-175



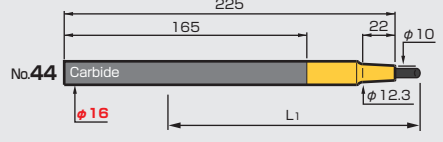
L1	78	102	126
↓	6.9	10.2	15.4

ST25-SLSB6-205-M127



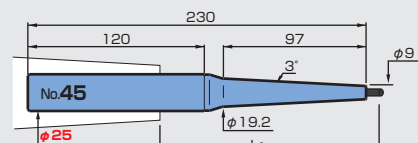
L1	153
↓	10.7

ST16C-SLSB6-225



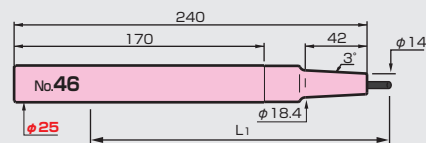
L1	98	130	162
↓	4.6	6.8	10.4

ST25-SLSA6-230-M97



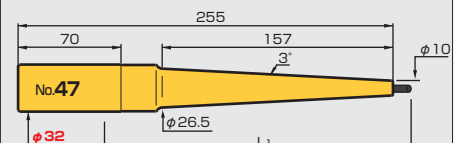
L1	143
↓	11.9

ST25-SLRB6-240-M42



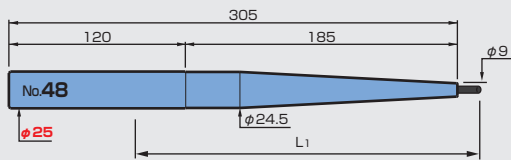
L1	93	143	193
↓	2.0	3.7	7.3

ST32-SLSB6-255-M157



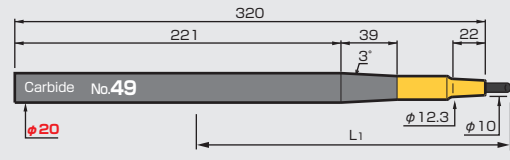
L1	203
↓	13.3

ST25-SLSA6-305-M185



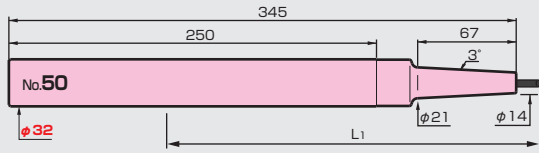
L1	218
↓	20.0

ST20C-SLSB6-320



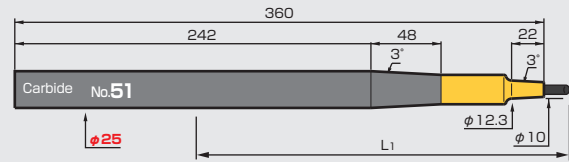
L1	118	158	198
↓	5.0	6.7	9.4

ST32-SLRB6-345-M67



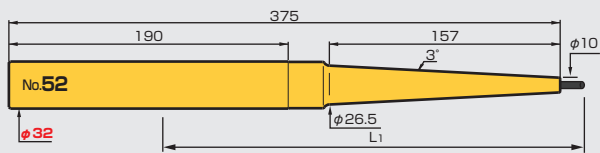
L1	114	178	242
↓	2.6	4.0	6.7

ST25C-SLSB6-360



L1	143	193	243
↓	3.9	5.1	7.2

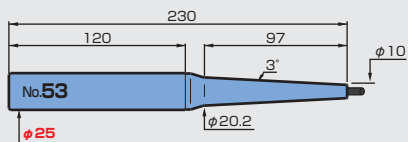
ST32-SLSB6-375-M157



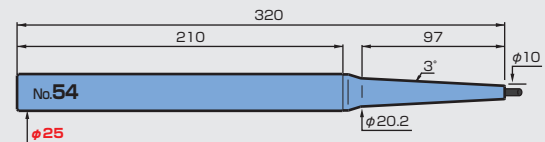
L1	210	274
↓	13.6	17.3

7

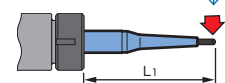
ST25-SLSA7-230-M97



ST25-SLSA7-320-M97

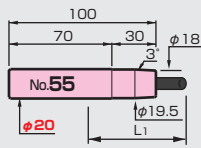


Rigidity Value(μm/kgf)
(Reference) P.159



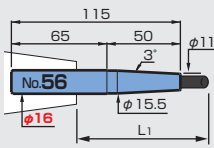
φ 8

ST20-SLRB8-100-M30



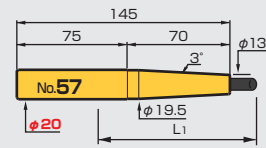
L ₁	64
↓	1.0

ST16-SLSA8-115-M50



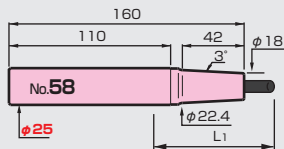
L ₁	88
↓	5.1

ST20-SLSB8-145-M70



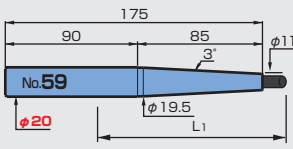
L ₁	104
↓	4.0

ST25-SLRB8-160-M42



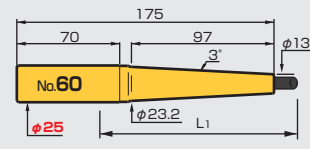
L ₁	74
↓	1.0

ST20-SLSA8-175-M85



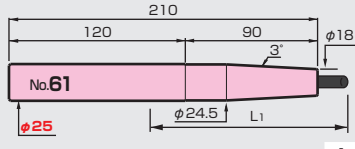
L ₁	124
↓	7.7

ST25-SLSB8-175-M97



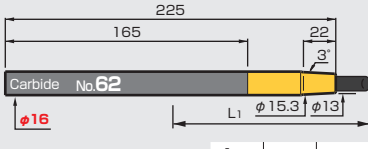
L ₁	129
↓	5.1

ST25-SLRB8-210-M90



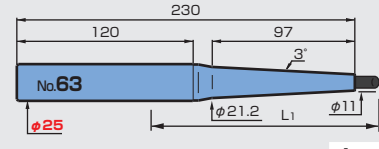
L ₁	124
↓	2.4

ST16C-SLSB8-225



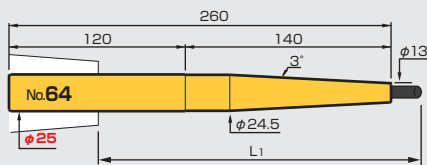
L ₁	104	136	168
↓	4.4	6.8	10.7

ST25-SLSA8-230-M97



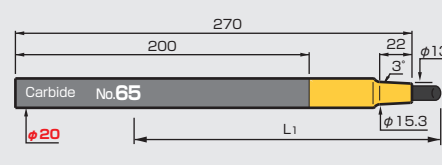
L ₁	149
↓	8.8

ST25-SLSB8-260-M140



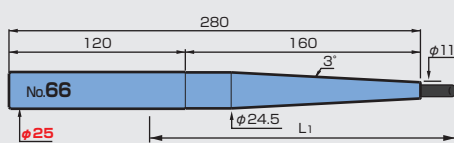
L ₁	174
↓	7.9

ST20C-SLSB8-270



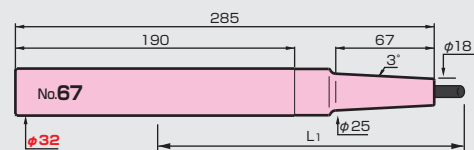
L ₁	124	164	204
↓	3.2	5.0	7.9

ST25-SLSA8-280-M160



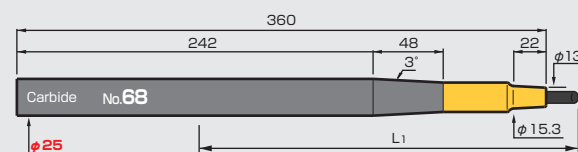
L ₁	199
↓	13.3

ST32-SLRB8-285-M67



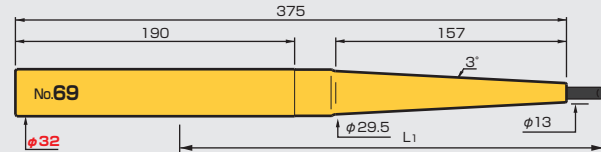
L ₁	120	184
↓	1.7	3.2

ST25C-SLSB8-360



L ₁	149	199	249
↓	3.5	4.8	7.0

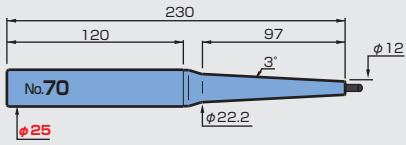
ST32-SLSB8-375-M157



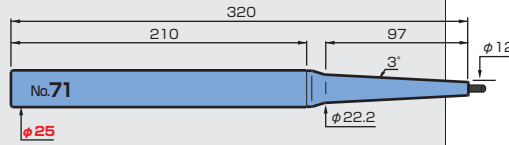
L ₁	216	280
↓	9.2	13.0

φ9

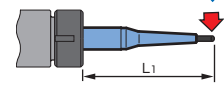
ST25-SLSA9-230-M97



ST25-SLSA9-320-M97

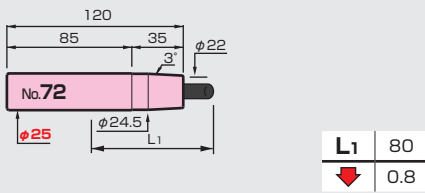


Rigidity Value ($\mu\text{m/kgf}$)
(Reference) P.159

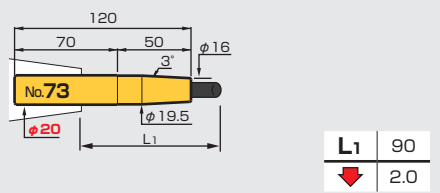


φ10

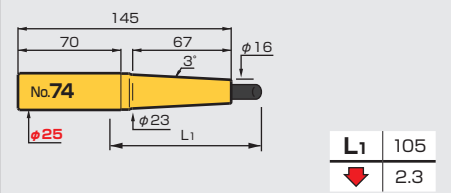
ST25-SLRB10-120-M35



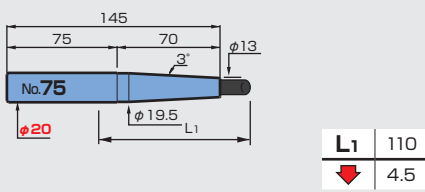
ST20-SLSB10-120-M50



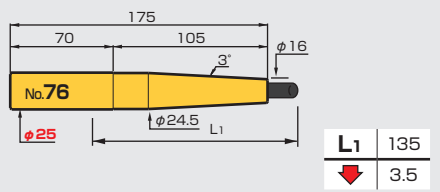
ST25-SLSB10-145-M67



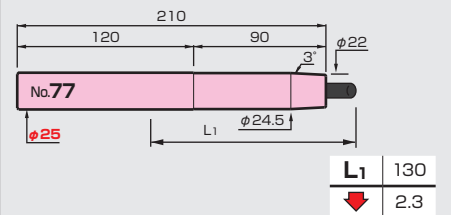
ST20-SLSA10-145-M70



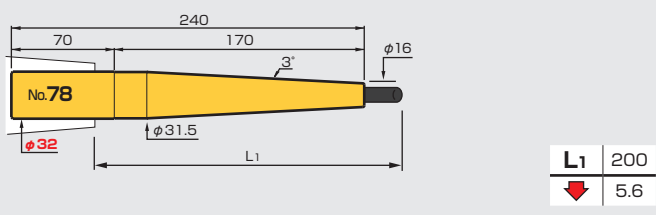
ST25-SLSB10-175-M105



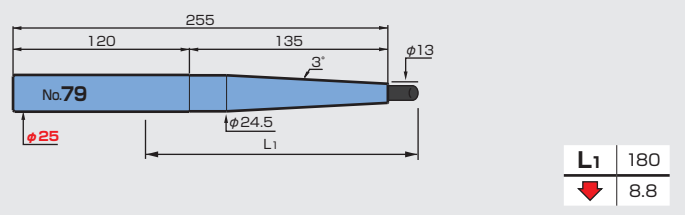
ST25-SLRB10-210-M90



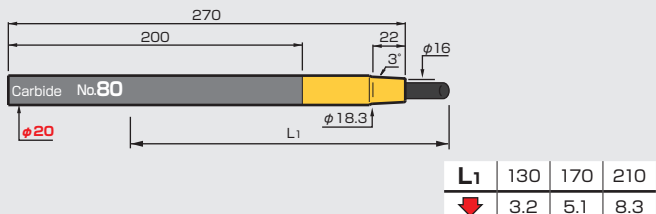
ST32-SLSB10-240-M170



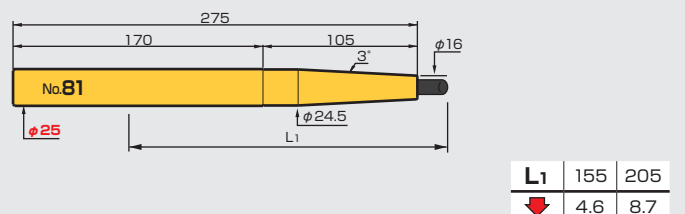
ST25-SLSA10-255-M135



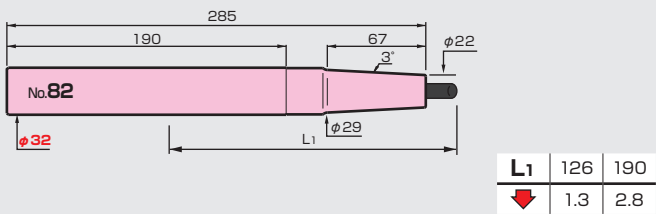
ST20C-SLSB10-270



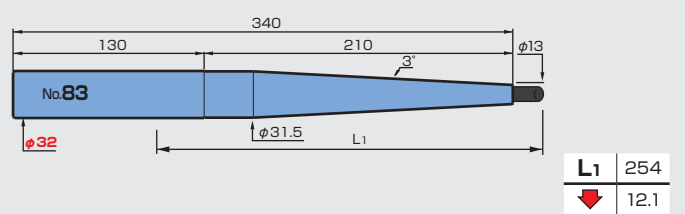
ST25-SLSB10-275-M105



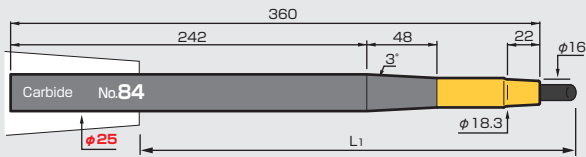
ST32-SLRB10-285-M67



ST32-SLSA10-340-M210

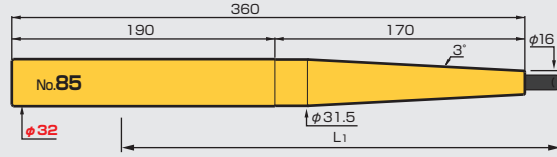


ST25C-SLSB10-360



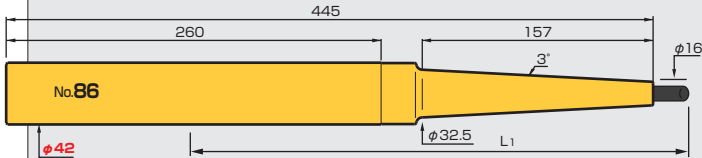
L1	155	205	255
↓	3.5	4.9	7.3

ST32-SLSB10-360-M170



L1	222	286
↓	6.6	10.5

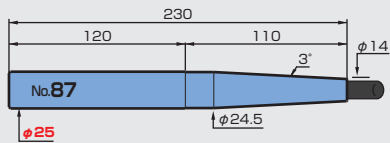
ST42-SLSB10-445-M157



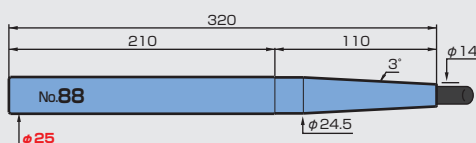
L1	240	324
↓	6.0	8.3

φ11

ST25-SLSA11-230-M110

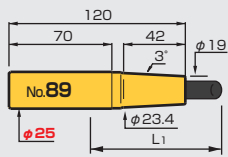


ST25-SLSA11-320-M110



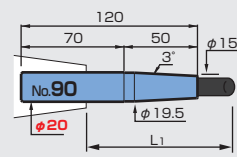
φ12

ST25-SLSB12-120-M42



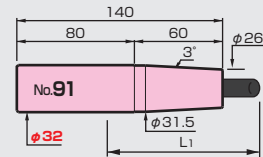
L1	86
↓	1.0

ST20-SLSA12-120-M50



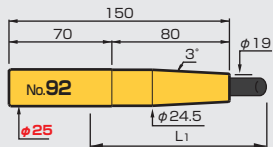
L1	96
↓	2.6

ST32-SLRB12-140-M60



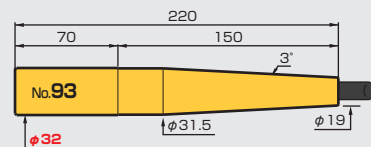
L1	100
↓	0.6

ST25-SLSB12-150-M80



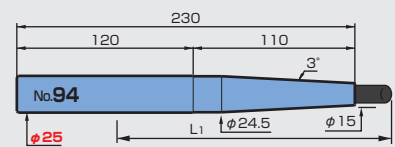
L1	116
↓	1.9

ST32-SLSB12-220-M150



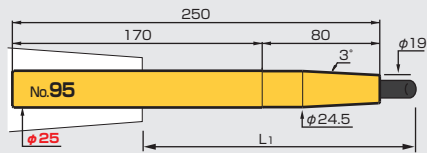
L1	186
↓	3.6

ST25-SLSA12-230-M110



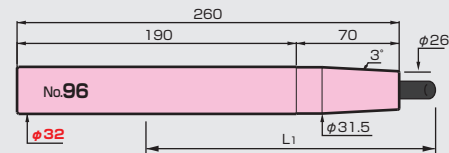
L1	161
↓	5.7

ST25-SLSB12-250-M80



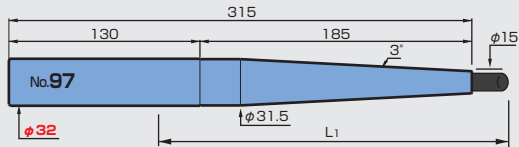
L ₁	136	186
↓	2.7	6.0

ST32-SLRB12-260-M70



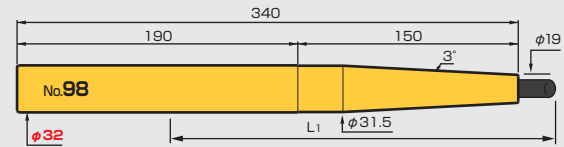
L ₁	132	196
↓	1.1	2.8

ST32-SLSA12-315-M185



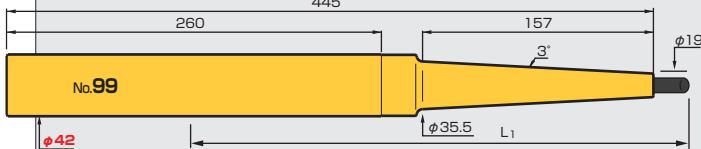
L ₁	228
↓	8.4

ST32-SLSB12-340-M150



L ₁	196	260
↓	4.0	7.2

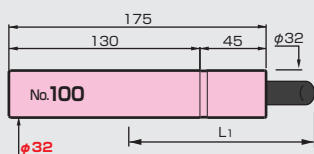
ST42-SLSB12-445-M157



L ₁	246	330
↓	4.6	6.9

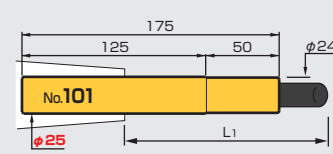
φ16

ST32-SLRB16-175-M45



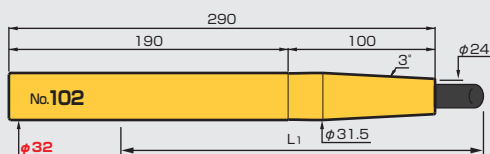
L ₁	112
↓	0.6

ST25-SLSB16-175-M50



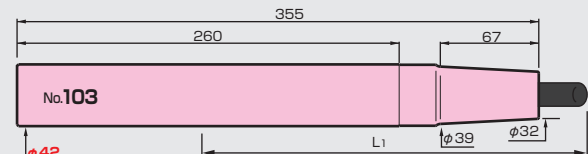
L ₁	98	148
↓	1.0	3.2

ST32-SLSB16-290-M100



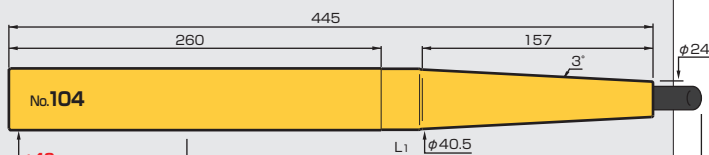
L ₁	176	240
↓	2.3	5.0

ST42-SLRB16-355-M67

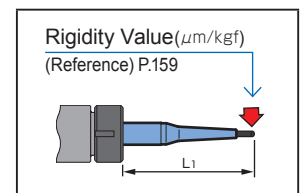


L ₁	174	258
↓	0.9	2.2

ST42-SLSB16-445-M157

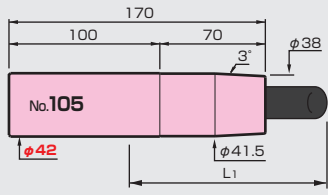


L ₁	258	342
↓	3.4	5.9



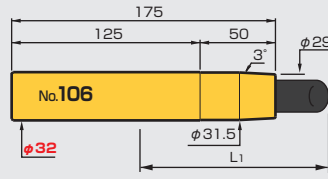
φ20

ST42-SLRB20-170-M70



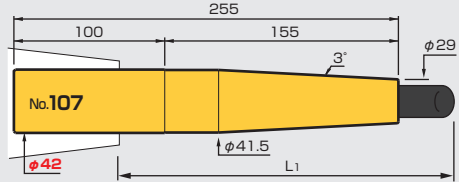
L ₁	130
↓	0.4

ST32-SLSB20-175-M50



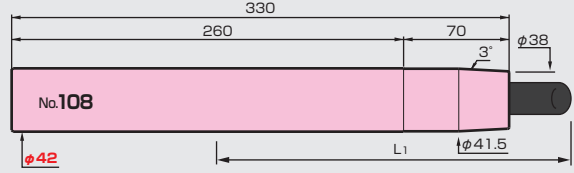
L ₁	124
↓	0.7

ST42-SLSB20-255-M155



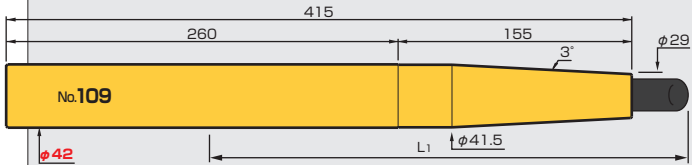
L ₁	215
↓	1.7

ST42-SLRB20-330-M70



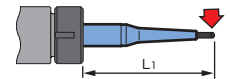
L ₁	144	228
↓	0.5	1.5

ST42-SLSB20-415-M155



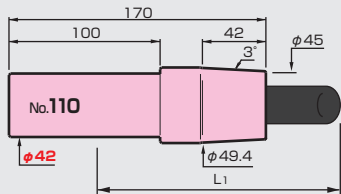
L ₁	228	312
↓	1.9	4.0

Rigidity Value (μm/kgf)
(Reference) P:159



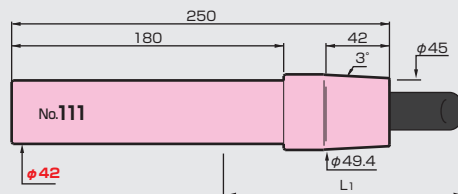
φ25

ST42-SLRB25-170-M42



L ₁	159
↓	0.4

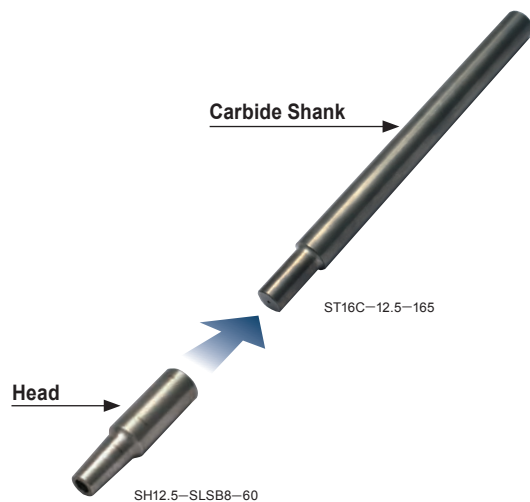
ST42-SLRB25-250-M42



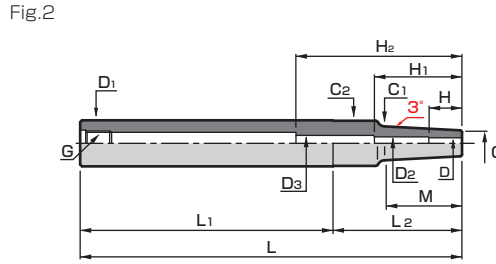
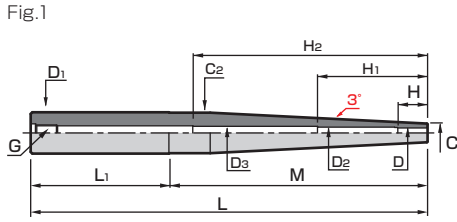
L ₁	159
↓	0.4

The Parts Code List for Carbide Straight Arbor

SET-CODE	CARBIDE SHANK	HEAD
ST10C-SLSA 3-160	ST10C- 7 -120	SH 7 -SLSA 3-40
-SLSA 4-160		-SLSA 4-40
ST12C-SLSB 6-175	ST12C- 9 -125	SH 9 -SLSB 6-50
ST16C-SLSA 3-280	ST16C- 7 -240	SH 7 -SLSA 3-40
-SLSA 4-280		-SLSA 4-40
-SLSB 6-225	-12.5-165	SH12.5-SLSB 6-60
-SLSB 8-225		-SLSB 8-60
ST20C-SLSB 6-320	ST20C-12.5-260	SH12.5-SLSB 6-60
-SLSB 8-270	-16 -200	SH16 -SLSB 8-70
-SLSB10-270		-SLSB10-70
ST25C-SLSB 6-360	ST25C-16 -290	SH16 -SLSB 6-70
-SLSB 8-360		-SLSB 8-70
-SLSB10-360		-SLSB10-70



Inch

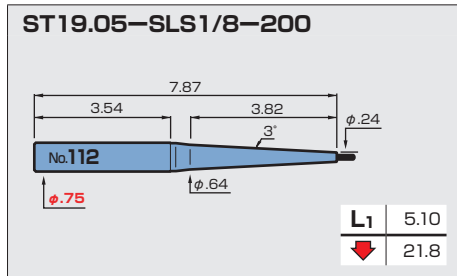


CODE	Fig.	ϕD	ϕC	Thickness t	L	M	ϕD_1	H	L_1	L_2	ϕC_1	ϕC_2	G	Max. insertion length	lbs	ϕD_2	ϕD_3	H_1	H_2	Scale model		
ST19.05-SLS1/ 8-200	2	.1250	.24	.059	7.87	3.82	.750	.38	3.54	4.33	.64	.728	M10	7.20	0.62	.16	.24	2.16	4.13	112		
-SLS3/16-200	1	.1850	.31			4.33	.59	-	-	-	-	-				-	0.55	.24	-	2.76	-	113
-SLS1/ 4-200		.2500	.37			3.94	.71	3.94	3.94	-	-	-				-	-	1.43	.40	-	2.40	-
ST25.4 -SLS3/ 8-230	2	.3750	.49	.059	9.06	3.82	1.000	1.18	4.72	4.33	.89	.965		2.36	1.43	.40	-	2.40	-	115		
-SLS1/ 2-230	1	.5000	.62			4.33	-	-	-	-	-	-				-	-	1.33	.52	-	-	-

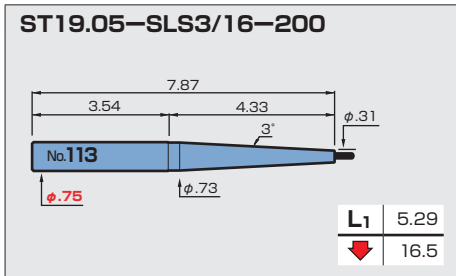
Scale Model

S=1:5

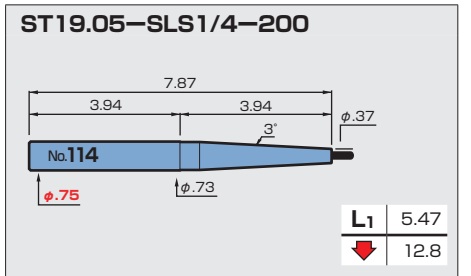
$\phi 1/8$



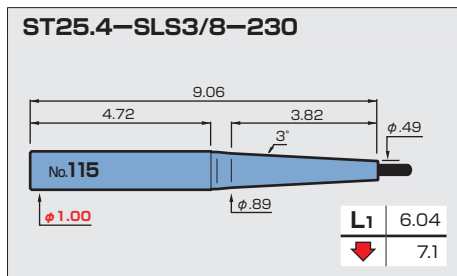
$\phi 3/16$



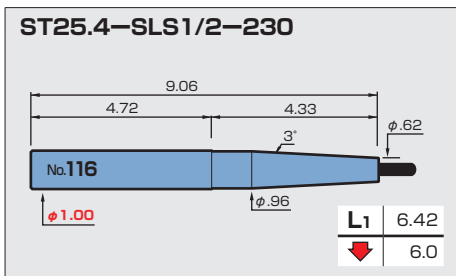
$\phi 1/4$



$\phi 3/8$



$\phi 1/2$



“L1” represents the overhang length of the straight arbor from the base holder.

↓ shows the rigidity of the straight arbor body at that length. The base deflection is not considered when determining rigidity values.

