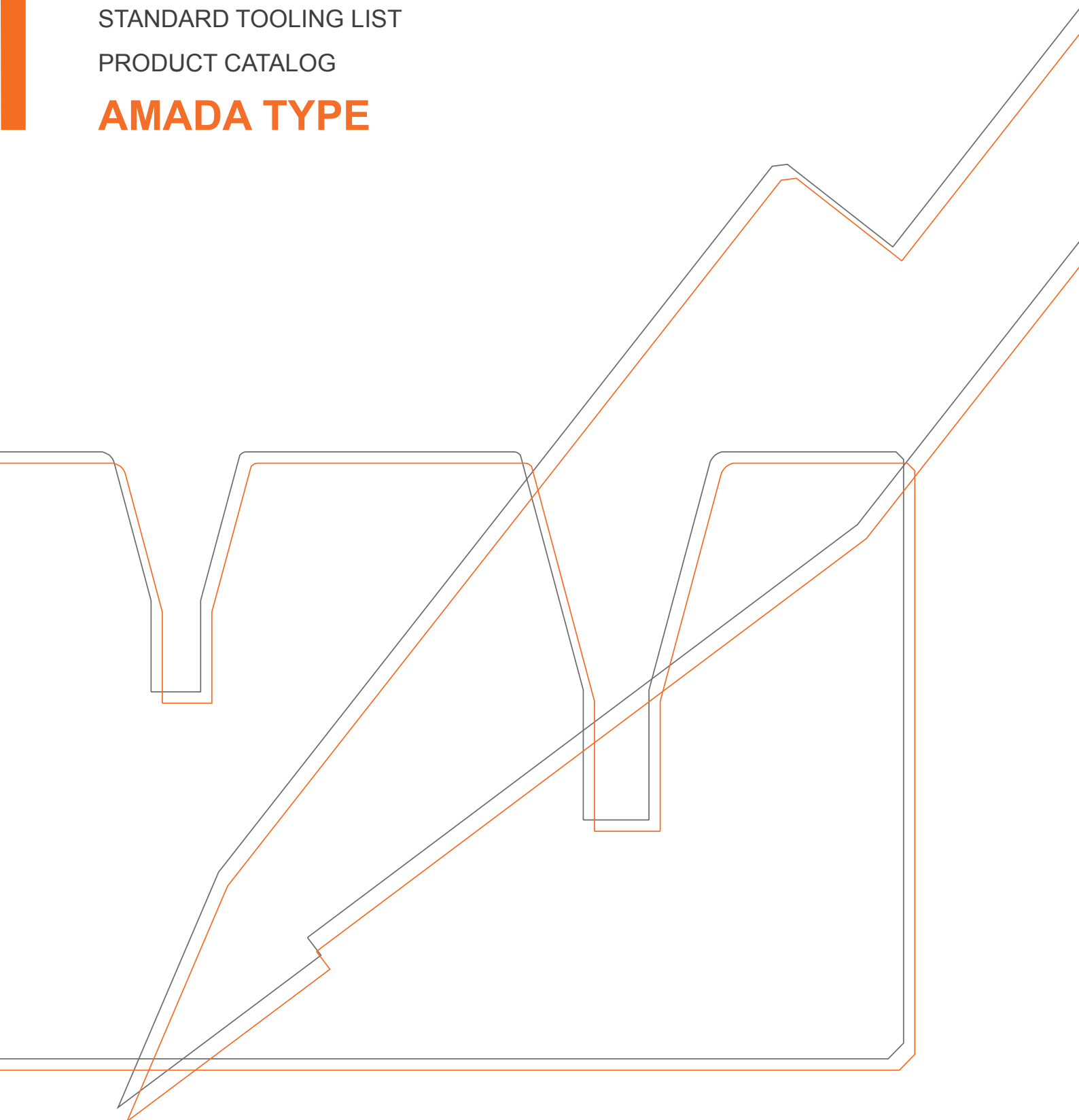


PRESS BRAKE TOOLS

STANDARD TOOLING LIST

PRODUCT CATALOG

AMADA TYPE



High Quality & Technology For ● The Future

CONIC

INDEX

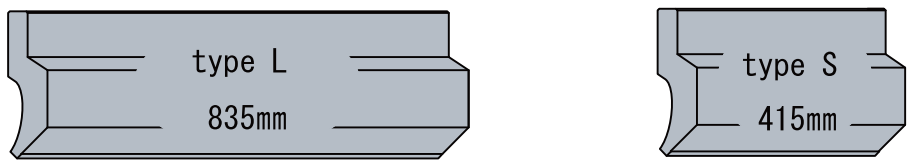
PUNCH

90° STANDARD PUNCH・SPECIAL PUNCH	2
90° SPECIAL PUNCH	3
88° STANDARD PUNCH・SPECIAL PUNCH	4
88° SPECIAL PUNCH	5
HEMMING・OTHERS	6

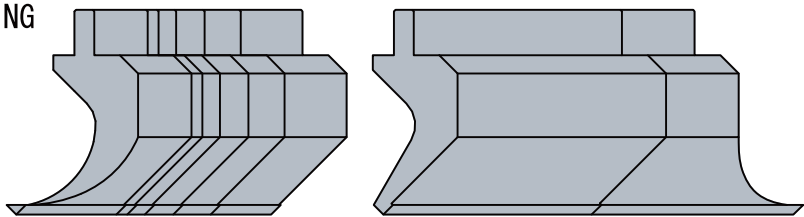
DIE

90° DIE (1V)	7
88° DIE (1V)	8
30° DIE (1V)、45° DIE (1V)、85° DIE (1V)	9
90° DIE (2V)	10
88° DIE (2V)	11
88° DIE (2V)	12
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TOOL LENGTH



SECTIONING



SECTIONING (PUNCH)

type L : 835mm type S : 415mm

SECTIONING A / 10・15・20・40・50・100(Right end)・100(Left end)・200・300 (Total 835mm)

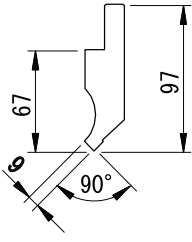
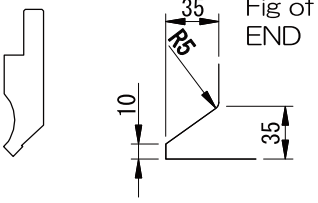
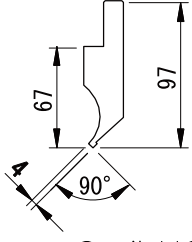
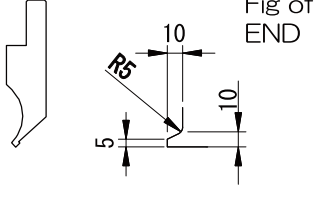
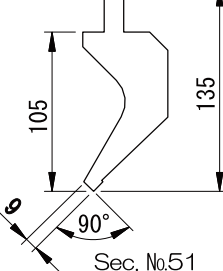
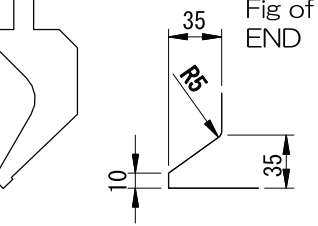
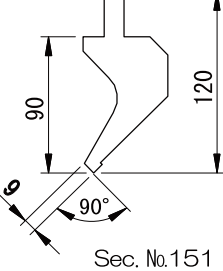
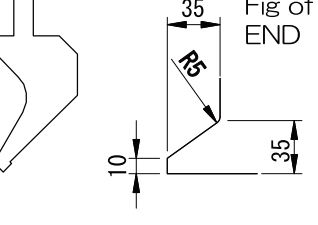
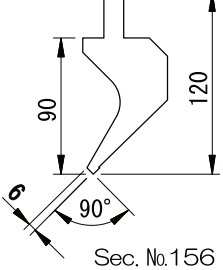
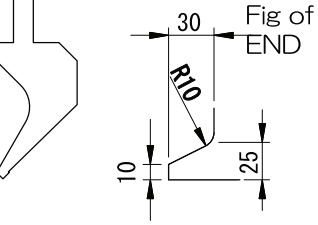
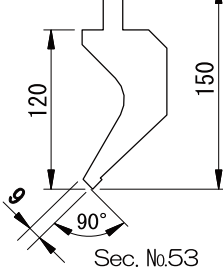
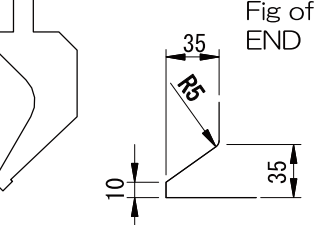
SECTIONING B / 10・15・20・40・50・100(Right end)・100(Left end)・165・300 (Total 800mm)

SECTIONING (DIE)

10・15・20・40・50・100・200・400 (Total 835mm)

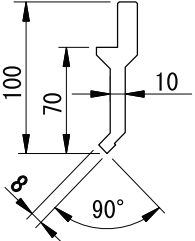
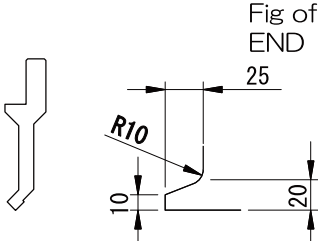
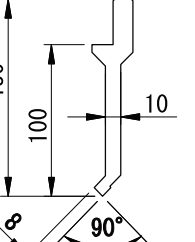
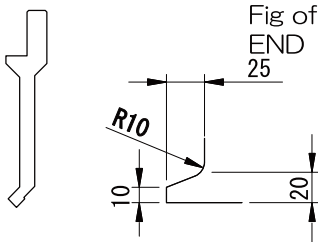
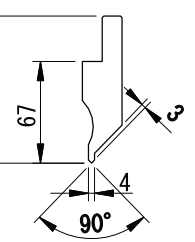
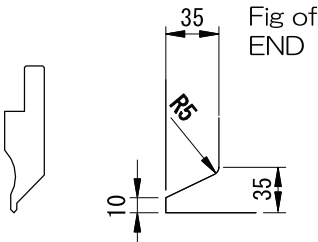
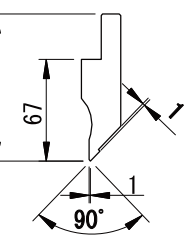
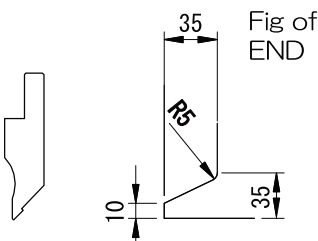
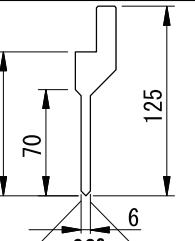
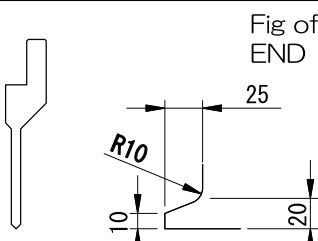
90° PUNCH

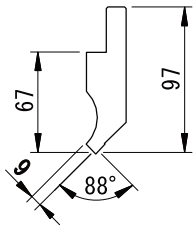
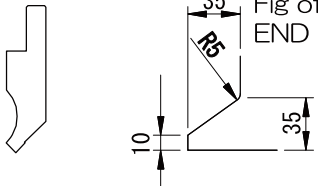
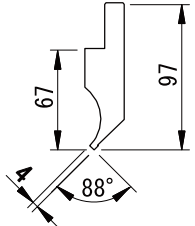
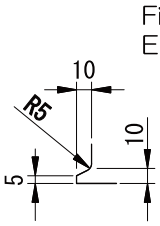
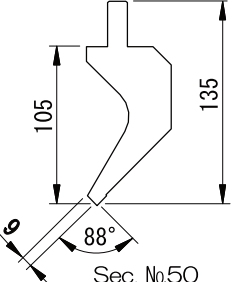
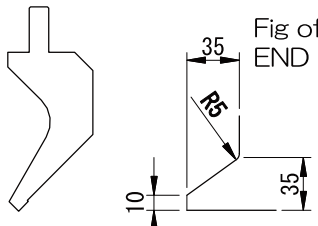
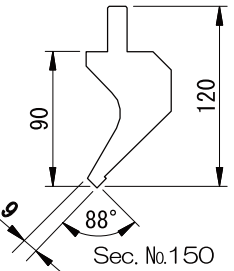
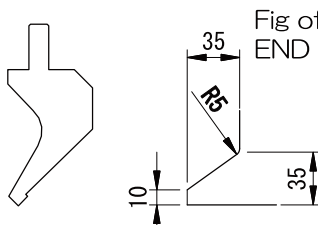
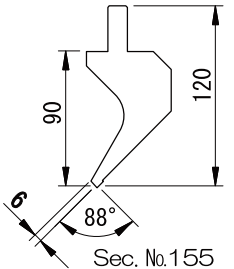
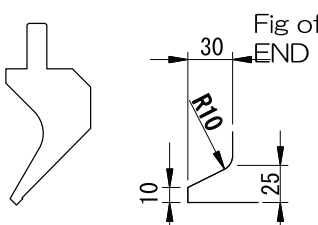
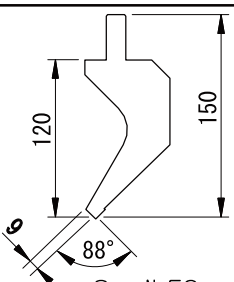
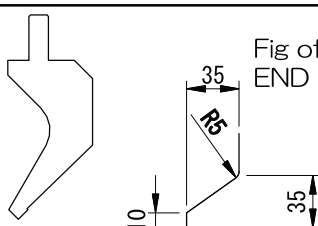
Type L: 835mm Type S: 415mm
 SECTIONING A/10・15・20・40・50・100(Right End)・100(Left End)・200・300 (Total 835mm)
 SECTIONING B/10・15・20・40・50・100(Right End)・100(Left End)・165・300 (Total 800mm)
 Material : SCM440 Hardness : HRC47±2

16 Standard Punch L S Tip R0.2 R0.8 R1.5 R3.0 100TON/M  Sec. No.147	147 Standard Punch SECTIONING A  Fig of END Tip R0.2 R0.8 R1.5 R3.0 45TON/M Fig. of Section as 16
116 Standard Punch L S Tip R0.2 20TON/M  Sec. No.11680	11680 Standard Punch SECTIONING B  Fig of END Tip R0.2 11TON/M Fig. of Section as 116
46 Special Punch L S Tip R0.2 50TON/M  Sec. No.51	51 Special Punch SECTIONING A  Fig of END Tip R0.2 45TON/M Fig. of Section as 46
462 Special Punch L S Tip R0.2 70TON/M  Sec. No.151	151 Special Punch SECTIONING A  Fig of END Tip R0.2 45TON/M Fig. of Section as 462
463 Special Punch L S Tip R0.2 50TON/M  Sec. No.156	156 Special Punch SECTIONING A  Fig of END Tip R0.2 30TON/M Fig. of Section as 463
48 Special Punch L S Tip R0.2 50TON/M  Sec. No.53	53 Special Punch SECTIONING A  Fig of END Tip R0.2 45TON/M Fig. of Section as 48

90° PUNCH

Type L : 835mm Type S : 415mm
 SECTIONING A / 10・15・20・40・50・100(Right End)・100(Left End)・200・300 (Total 835mm)
 SECTIONING B / 10・15・20・40・50・100(Right End)・100(Left End)・165・300 (Total 800mm)
 Material : SCM440 Hardness : HRC47±2

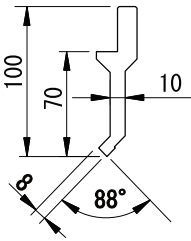
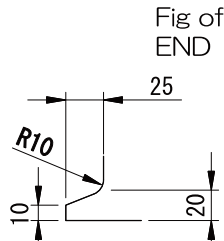
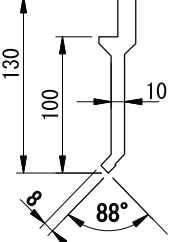
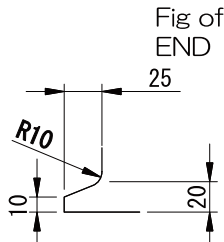
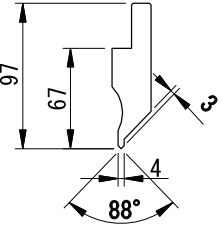
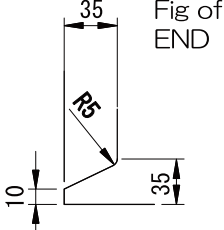
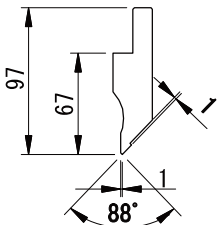
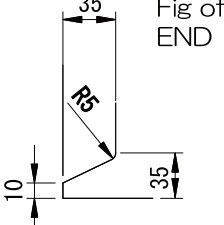
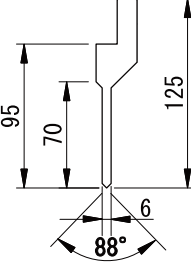
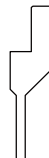
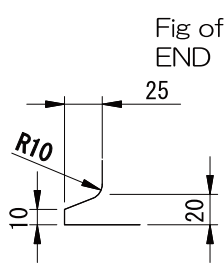
201 Special Punch L S Tip R0.2 30TON/M  Sec. No.20180	20180 Special Punch SECTIONING B Tip R0.2 15TON/M  Fig. of Section as 201
203 Special Punch L S Tip R0.2 30TON/M  Sec. No.20380	20380 Special Punch SECTIONING B Tip R0.2 15TON/M  Fig. of Section as 203
0168 Special Punch No.1 L S Tip R0.2 40TON/M  Sec. No.1478	1478 Special Punch No.1 SECTIONING A Tip R0.2 20TON/M  Fig. of Section as 0168
0169 Special Punch No.2 L S Tip R0.2 80TON/M  Sec. No.1479	1479 Special Punch No.2 SECTIONING A Tip R0.2 40TON/M  Fig. of Section as 0169
108 Special Punch L S Tip R0.2 50TON/M  Sec. No.106	106 Special Punch SECTIONING A Tip R0.2 12TON/M  Fig. of Section as 108

4 Standard Punch L S Tip R0.2 R0.6 R0.8 R1.5 R3.0 100TON/M  Sec. No.148	148 Standard Punch SECTIONING A  Fig of END Tip R0.2 R0.6 R0.8 R1.5 R3.0 45TON/M Fig. of Section as 4
117 Standard Punch L S Tip R0.2 R0.6 20TON/M  Sec. No.11780	11780 Standard Punch SECTIONING B  Fig of END Tip R0.2 R0.6 11TON/M Fig. of Section as 117
45 Special Punch L S Tip R0.2 R0.6 R0.8 R1.5 R3.0 50TON/M  Sec. No.50	50 Special Punch SECTIONING A  Fig of END Tip R0.2 R0.6 R0.8 R1.5 R3.0 45TON/M Fig. of Section as 45
452 Special Punch L S Tip R0.2 R0.6 R0.8 R1.5 R3.0 70TON/M  Sec. No.150	150 Special Punch SECTIONING A  Fig of END Tip R0.2 R0.6 R0.8 R1.5 R3.0 45TON/M Fig. of Section as 452
453 Special Punch L S Tip R0.2 R0.6 R0.8 R1.5 R3.0 50TON/M  Sec. No.155	155 Special Punch SECTIONING A  Fig of END Tip R0.2 R0.6 R0.8 R1.5 R3.0 30TON/M Fig. of Section as 453
47 Special Punch L S Tip R0.2 R0.6 R0.8 R1.5 R3.0 50TON/M  Sec. No.52	52 Special Punch SECTIONING A  Fig of END Tip R0.2 R0.6 R0.8 R1.5 R3.0 45TON/M Fig. of Section as 47

88° PUNCH

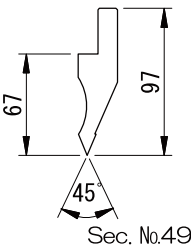
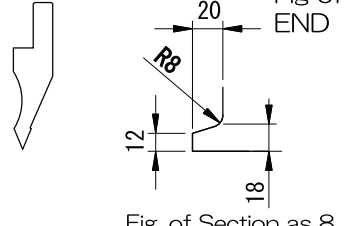
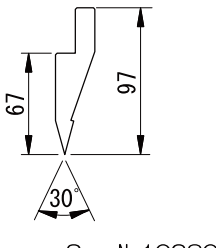
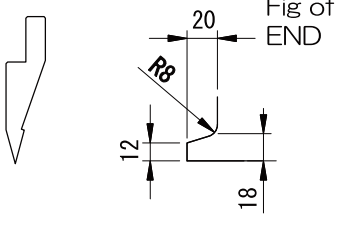
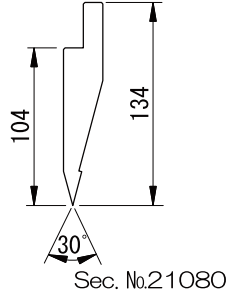
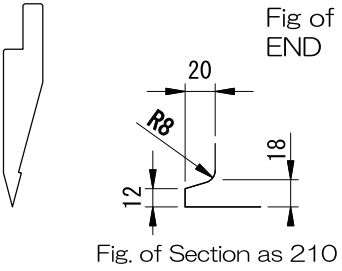
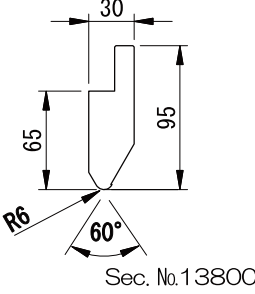
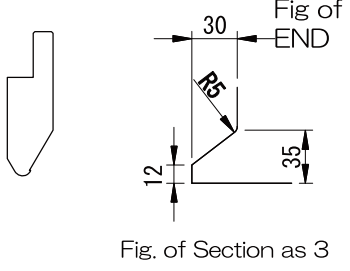
Material : SCM440 Hardness : HRC47±2

Type L : 835mm Type S : 415mm
SECTIONING A / 10・15・20・40・50・100(Right End)・100(Left End)・200・300 (Total 835mm)
SECTIONING B / 10・15・20・40・50・100(Right End)・100(Left End)・165・300 (Total 800mm)

200 Special Punch L S Tip R0.2 R0.6 30TON/M Sec. No.20080 	20080 Special Punch SECTIONING B Tip R0.2 R0.6 15TON/M Fig. of Section as 200  
202 Special Punch L S Tip R0.2 R0.6 30TON/M Sec. No.20280 	20280 Special Punch SECTIONING B Tip R0.2 R0.6 15TON/M Fig. of Section as 202  
0048 Special Punch No.1 L S Tip R0.2 R0.6 40TON/M Sec. No.1488 	1488 Special Punch No.1 SECTIONING A Tip R0.2 R0.6 20TON/M Fig. of Section as 0048  
0049 Special Punch No.2 L S Tip R0.2 R0.6 80TON/M Sec. No.1489 	1489 Special Punch No.2 SECTIONING A Tip R0.2 R0.6 40TON/M Fig. of Section as 0049  
109 Special Punch L S Tip R0.2 R0.6 50TON/M Sec. No.107 	107 Special Punch SECTIONING A Tip R0.2 R0.6 12TON/M Fig. of Section as 109  

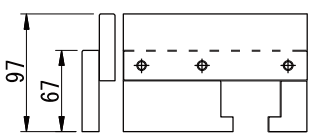
HEMMING • OTHERS PUNCH

Material : SCM440 Hardness : HRC47±2

8 HEMMING PUNCH L S Tip R0.37 60TON/M 	49 HEMMING PUNCH SECTIONING A Tip R0.37 20TON/M 
103 HEMMING PUNCH L S Tip R0.52 100TON/M 	10380 HEMMING PUNCH SECTIONING B Tip R0.52 30TON/M 
210 HEMMING PUNCH L S Tip R0.65 100TON/M 	21080 HEMMING PUNCH SECTIONING B Tip R0.65 20TON/M 
3 HEAVY DUTY PUNCH L S Tip R6 100TON/M 	13800 HEAVY DUTY PUNCH SECTIONING A Tip R6 100TON/M 

etc. PUNCH HOLDER

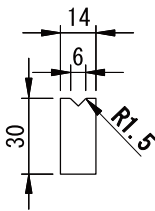
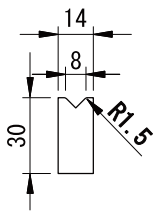
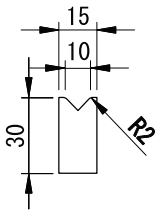
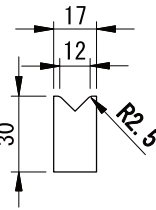
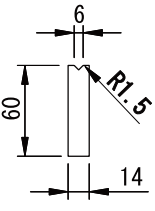
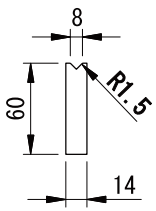
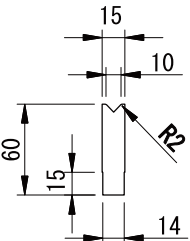
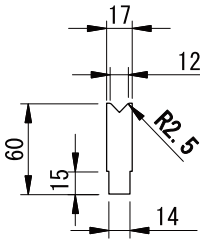
Material : S45C Hardness : HRC23~28

15 PUNCH HOLDER L S 	
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90° DIE(1V)

Material : SCM440 Hardness : HRC47±2

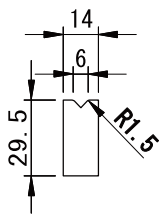
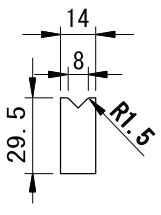
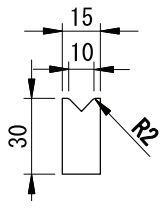
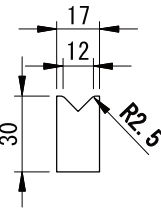
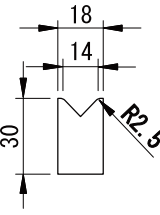
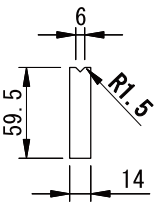
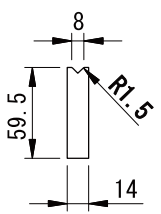
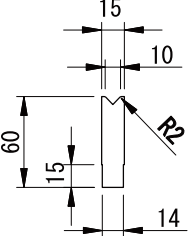
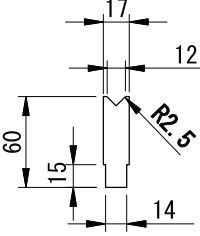
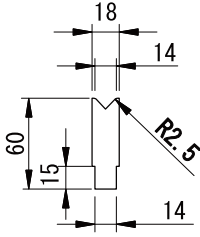
320~326 can not set for sectioning die holder.

320 (90°) DIE(1V) V=6 L S  95TON/M	321 (90°) DIE(1V) V=8 L S  95TON/M
323 (90°) DIE(1V) V=10 L S  95TON/M	326 (90°) DIE(1V) V=12 L S  100TON/M
7000 (90°) DIE(1V) V=6 ONE PIECE L S SECTIONING (7080) 95TON/M 	7100 (90°) DIE(1V) V=8 ONE PIECE L S SECTIONING (7180) 95TON/M 
7300 (90°) DIE(1V) V=10 ONE PIECE L S SECTIONING (7380) 95TON/M 	7500 (90°) DIE(1V) V=12 ONE PIECE L S SECTIONING (7580) 95TON/M 

88° DIE(1V)

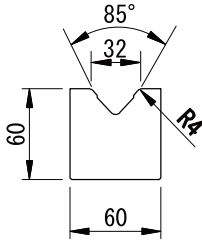
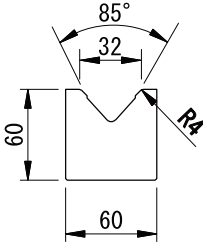
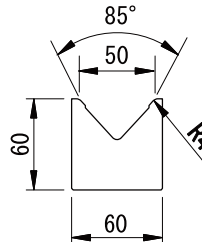
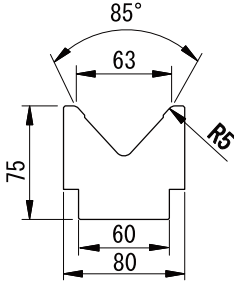
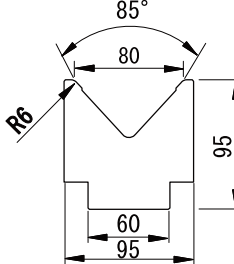
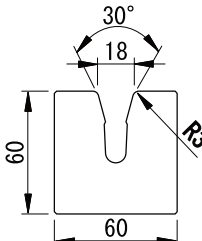
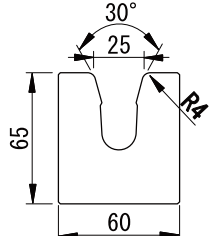
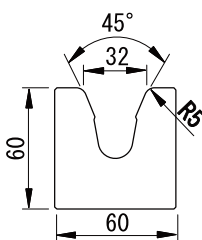
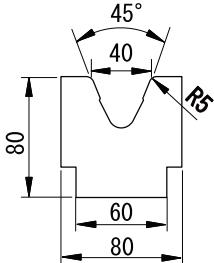
Material : SCM440 Hardness : HRC47±2

32006~32106 can not set for sectioning die holder.

32006 (88°) DIE(1V) V=6 L S  95TON/M	32106 (88°) DIE(1V) V=8 L S  95TON/M
322 (88°) DIE(1V) V=10 L S  95TON/M	324 (88°) DIE(1V) V=12 L S  100TON/M
325 (88°) DIE(1V) V=14 L S  100TON/M	
7006 (88°) DIE(1V) V=6 ONE PIECEL S SECTIONING (7086) 95TON/M 	7106 (88°) DIE(1V) V=8 ONE PIECEL S SECTIONING (7186) 95TON/M 
7200 (88°) DIE(1V) V=10 ONE PIECEL S SECTIONING (7280) 95TON/M 	7400 (88°) DIE(1V) V=12 ONE PIECE L S SECTIONING (7480) 95TON/M 
7600 (88°) DIE(1V) V=14 ONE PIECEL S SECTIONING (7680) 95TON/M 	

etc. DIE(1V)

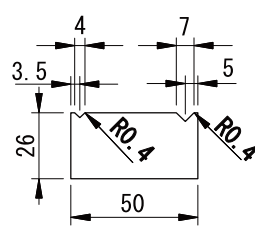
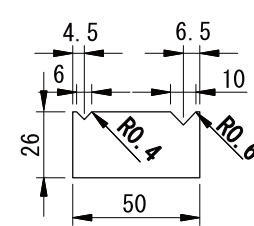
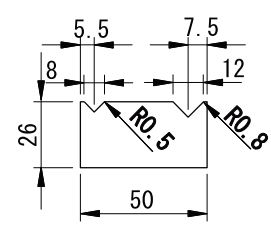
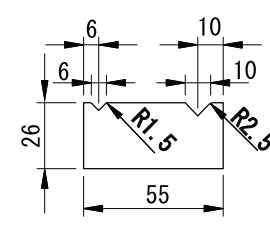
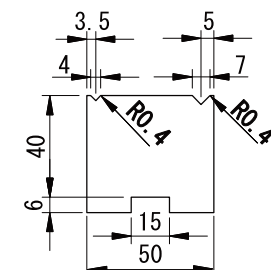
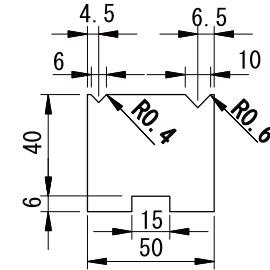
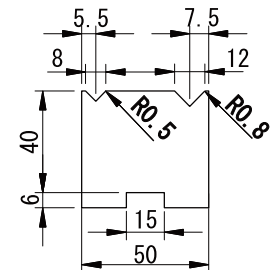
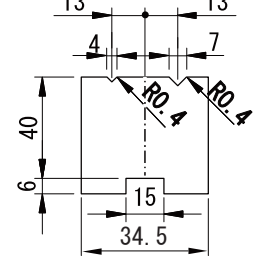
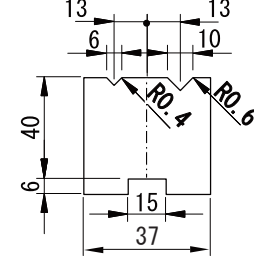
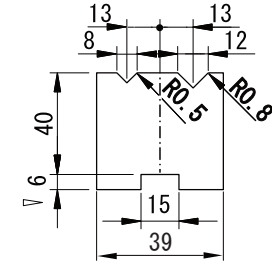
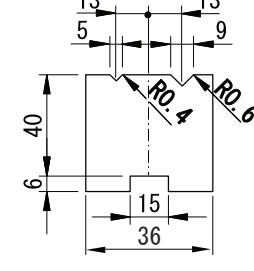
Material : SCM440 Hardness : HRC47±2

35 (85°) DIE(1V) V=32 L S 100TON/M 	36 (85°) DIE(1V) V=40 L S 100TON/M 
37 (85°) DIE(1V) V=50 L S 100TON/M 	38 (85°) DIE(1V) V=63 L S 100TON/M 
1360 (85°) DIE(1V) V=80 L S 70TON/M 	
340 (30°) DIE(1V) V=18 L S 80TON/M 	341 (30°) DIE(1V) V=25 L S 60TON/M 
342 (45°) DIE(1V) V=32 L S 40TON/M 	343 (45°) DIE(1V) V=40 L S 70TON/M 

90° DIE(2V)

DIE SECTIONING
10・15・20・40・50・100・200・400 (Total 835mm)

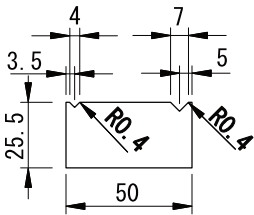
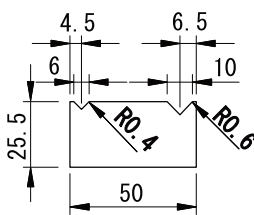
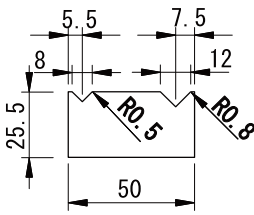
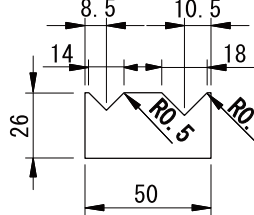
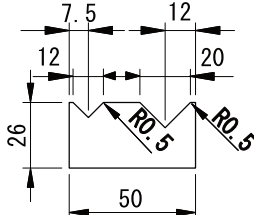
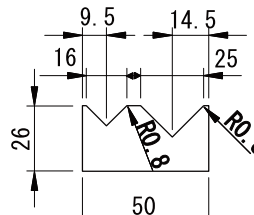
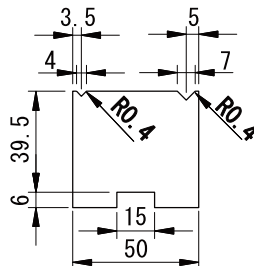
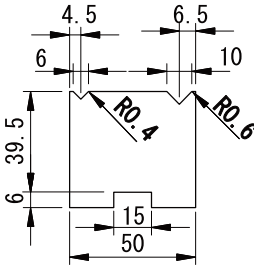
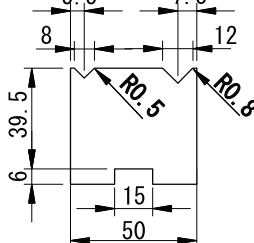
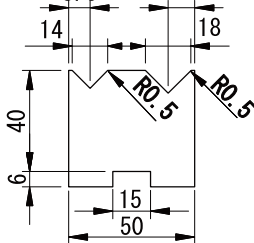
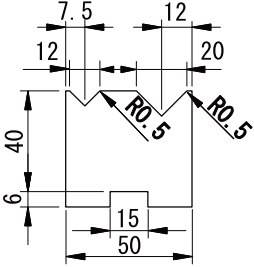
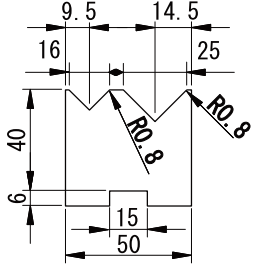
Material : SCM440 Hardness : HRC47±2

121 (90°) DIE(2V)・4×7 L S  60TON/M	123 (90°) DIE(2V)・6×10 L S  70TON/M
124 (90°) DIE(2V)・8×12 L S  80TON/M	311 (90°) DIE(2V)・6×10 For SUS AL L S  80TON/M
30140 (90°) DIE(2V)・4×7 SECTIONING ONE PIECE L (30148) S  60TON/M	30240 (90°) DIE(2V)・6×10 SECTIONING ONE PIECE L (30248) S  70TON/M
30340 (90°) DIE(2V)・8×12 SECTIONING ONE PIECE L (30348) S  70TON/M	
50180 (90°) DIE(2V)・4×7 SECTIONING ONE PIECE L (50190) S  60TON/M	50280 (90°) DIE(2V)・6×10 SECTIONING ONE PIECE L (50290) S  70TON/M
50380 (90°) DIE(2V)・8×12 SECTIONING ONE PIECE L (50390) S  70TON/M	50780 (90°) DIE(2V)・5×9 SECTIONING ONE PIECE L (50790) S  60TON/M

88° DIE(2V)

Material : SCM440 Hardness : HRC47±2

DIE SECTIONING
10・15・20・40・50・100・200・400 (Total 835mm)

12106 (88°) DIE(2V)・4×7 L S  60TON/M	12306 (88°) DIE(2V)・6×10 L S  70TON/M
12406 (88°) DIE(2V)・8×12 L S  80TON/M	125 (88°) DIE(2V)・14×18 L S  100TON/M
126 (88°) DIE(2V)・12×20 L S  100TON/M	127 (88°) DIE(2V)・16×25 L S  70TON/M
30146 (88°) DIE(2V)・4×7 SECTIONING ONE PIECE L (30147) S  60TON/M	30246 (88°) DIE(2V)・6×10 SECTIONING ONE PIECE L (30247) S  70TON/M
30346 (88°) DIE(2V)・8×12 SECTIONING ONE PIECE L (30347) S  70TON/M	30440 (88°) DIE(2V)・14×18 SECTIONING ONE PIECE L (30448) S  100TON/M
30540 (88°) DIE(2V)・12×20 SECTIONING ONE PIECE L (30548) S  100TON/M	30640 (88°) DIE(2V)・16×25 SECTIONING ONE PIECE L (30648) S  100TON/M

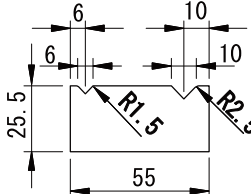
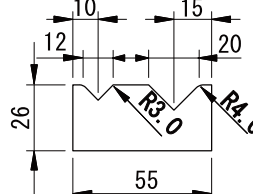
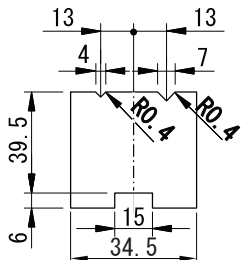
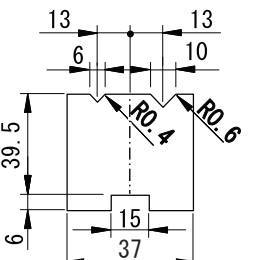
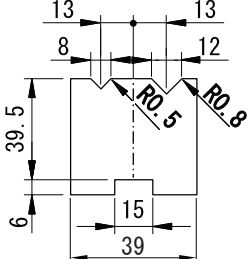
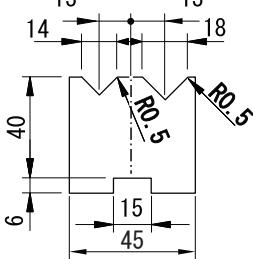
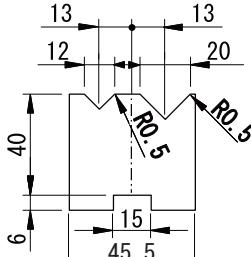
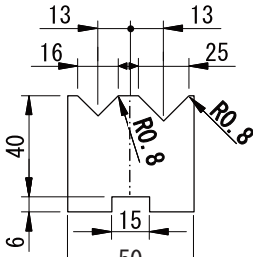
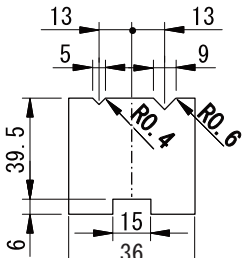
DIE (2V)

Material : SCM440

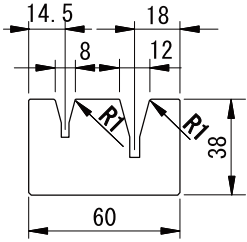
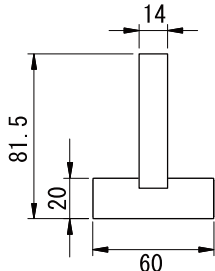
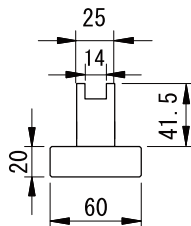
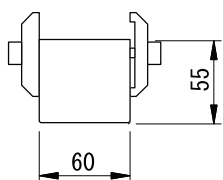
Hardness : HRC47 $\pm$ 2

10 · 15 · 20 · 40 · 50 · 100 · 200 · 400 (Total 835mm)

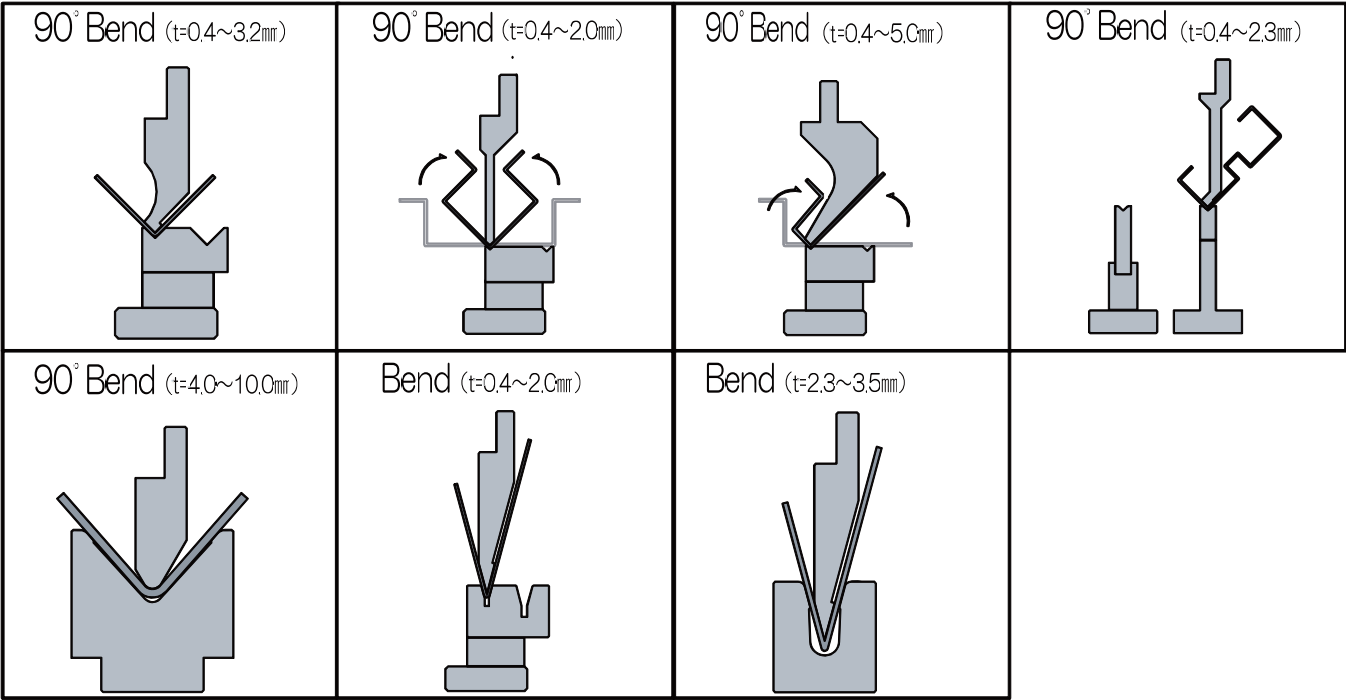
10 · 15 · 20 · 40 · 50 · 100 · 200 · 400 (Total 835mm)

31106 (88°) DIE(2V)・6×10 For SUS AL L S  80TON/M	31400 (88°) DIE(2V)・12×20 For SUS AL L S  100TON/M
50186 (88°) DIE(2V)・4×7 SECTIONING ONE PIECE L (50196) S  60TON/M	50286 (88°) DIE(2V)・6×10 SECTIONING ONE PIECE L (50296) S  70TON/M
50386 (88°) DIE(2V)・8×12 SECTIONING ONE PIECE L (50396) S  70TON/M	50480 (88°) DIE(2V)・14×18 SECTIONING ONE PIECE L (50490) S  100TON/M
50580 (88°) DIE(2V)・12×20 SECTIONING ONE PIECE L (50590) S  100TON/M	50680 (88°) DIE(2V)・16×25 SECTIONING ONE PIECE L (50690) S  100TON/M
50786 (88°) DIE(2V)・5×9 SECTIONING ONE PIECE L (50796) S  60TON/M	

etc. DIE(2V)・RAIL・HOLDER

337 (30°) DIE(2V)・8×12 L S SCM440 HRC47±2 30TON/M	
300 DIE RAIL L S S45C HRC23~28	330 DIE HOLDER H=81.5 L S S45C HRC23~28 
8000 DIE HOLDER L=1050 S45C HRC28~32 95TON/M	8100 DIE HOLDER L=1260 S45C HRC28~32 95TON/M 
055 DIE BLOCK HOLDER L S S45C HRC23~28 	

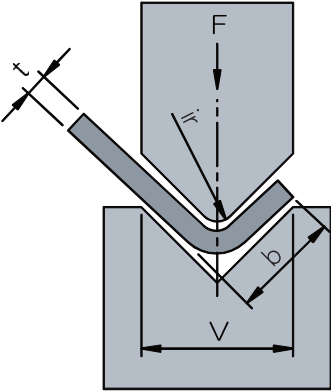
TOOLS



BENDING CHART

Standard Width/V

t	0.5~2.6	3~8	9~10	12以上
v	6t	8t	10t	12t



t (mm)	4	6	7	8	10	12	14	16	18	20	25	32	40	50	63	80	100	125	160	200	250	v	
	2.8	4	5	5.5	7	8.5	10	11	13.5	14	17.5	22	28	35	45	55	71	89	113	140	175	b	
	0.7	1	1.1	1.3	1.6	2	2.3	2.6	3	3.3	4	5	6.5	8	10	13	16	20	26	33	41	ir	
0.5	40	30																				F (kN)	
0.6	60	40	40	40																			
0.8		70	70	50	40																		
1.0		110	100	80	70	60																	
1.2			140	120	110	80	70	60															
1.4				150	130	110	100	90	80														
1.6					170	150	130	110	100	90													
2.0						220	190	170	150	130	110												
2.3							250	230	190	170	150	120											
2.6								280	250	220	180	140											
3.0									340	300	240	190	150										
3.2										340	270	220	170	140									
3.5											330	260	200	160	130								
4.0												430	340	270	210	170							
4.5													440	340	270	210							
5.0														520	420	330	260	210					
6															600	480	380	300	240				
7																520	410	330	260				
9																	670	540	430				
10																	850	670	530	420			
12																		960	780	600	550		
16																			1360	1070	860		
19																				1500	1250		1000
22																					1600		1300
25																							2100
30																							2400

t : Material Thickness(Tensile Strength 450~500N/mm²)
F : Pressure par 1m (kN/m)
ir : Radius of Punch tip
b : Minimum length of Flange
V : Width of Die

PRODUCT CATALOG

AMADA TYPE

CONIC HIGH PERFORMANCE TOOLING

- AMADA TYPE TOOLING
- TRUMPF TYPE TOOLING
- MURATA TYPE TOOLING
- KOMATSU TYPE TOOLING
- TOYO TYPE TOOLING
- NISSHINBO TYPE TOOLING

High Quality & Technology For ● The Future

CONIC

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