



Depth of Field Tables in Feet for ZEISS Aatma Lenses

Lenses	ANSI Super 35, Normal 35, APS-H and APS-C Format	Full Format
Aatma 18 mm/T1.5	■	■
Aatma 25 mm/T1.5	■	■
Aatma 35 mm/T1.5	■	■
Aatma 40 mm/T1.5	■	■
Aatma 50 mm/T1.5	■	■
Aatma 65 mm/T1.5	■	■
Aatma 85 mm/T1.5	■	■
Aatma 100 mm/T1.5	■	■
Aatma 135 mm/T1.5	■	■



AATMA 18mm/T1.5

Crcle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	27' 11 5/8"	INF	21' 3 1/8"	INF	15'	INF
30'	14' 5 7/8"	INF	12' 5 1/2"	INF	10'	INF
15'	9' 9 5/16"	32' 2 3/8"	8' 9 11/16"	50' 5 5/8"	7' 6 5/16"	2693' 3 1/8"
10'	7' 4 1/2"	15' 6 3/16"	6' 9 13/16"	18' 9 3/8"	6'	29' 6 11/16"
8'	6' 2 13/16"	11' 1 15/16"	5' 9 7/8"	12' 9 3/16"	5' 2 13/16"	16' 11 1/2"
6'	4' 11 3/8"	7' 7 3/8"	4' 8 5/16"	8' 3 7/8"	4' 3 5/8"	9' 11 1/8"
5'	4' 3"	6'	4'	6' 6 3/16"	3' 9 3/16"	7' 5 3/8"
4' 6"	3' 10 5/8"	5' 4 3/16"	3' 8 11/16"	5' 8 5/16"	3' 5 11/16"	6' 4 11/16"
4'	3' 6 1/8"	4' 7 7/8"	3' 4 1/2"	4' 10 7/8"	3' 1 15/16"	5' 5 1/8"
3' 9"	3' 3 13/16"	4' 3 13/16"	3' 2 5/16"	4' 6 1/2"	3'	4' 11 11/16"
3' 6"	3' 1 3/8"	3' 11 7/8"	3'	4' 2 1/8"	2' 10 3/16"	4' 6 1/2"
3' 3"	2' 10 15/16"	3' 7 15/16"	2' 9 7/8"	3' 9 7/8"	2' 8 3/16"	4' 1 1/2"
3'	2' 8 5/8"	3' 4 3/16"	2' 7 5/8"	3' 5 13/16"	2' 6 1/8"	3' 8 11/16"
2' 9"	2' 6 1/8"	3'	2' 5 5/16"	3' 1 13/16"	2' 4"	3' 4 3/16"
2' 6"	2' 3 5/8"	2' 8 7/8"	2' 2 7/8"	2' 9 7/8"	2' 1 13/16"	2' 11 13/16"
2' 3"	2' 1"	2' 5 5/16"	2'	2' 6 1/8"	1' 11 5/8"	2' 7 5/8"
2'	1' 10 1/2"	2' 1 13/16"	1' 10"	2' 2 3/8"	1' 9 5/16"	2' 3 5/8"
23"	1' 9 5/8"	2'	1' 9 1/8"	2' 1 3/16"	1' 8 1/2"	2' 2 3/16"
22"	1' 8 11/16"	1' 11 1/2"	1' 8 5/16"	2'	1' 7 11/16"	2' 1"
21"	1' 7 13/16"	1' 10 5/16"	1' 7 3/8"	1' 10 13/16"	1' 6 7/8"	1' 11 5/8"
20"	1' 6 7/8"	1' 9 3/16"	1' 6 5/8"	1' 9 5/8"	1' 6 1/8"	1' 10 3/8"
19"	1' 6"	1' 8 1/8"	1' 5 11/16"	1' 8 1/2"	1' 5 5/16"	1' 9 3/16"
18"	1' 5 1/8"	1' 6 15/16"	1' 4 7/8"	1' 7 5/16"	1' 4 3/8"	1' 7 7/8"
17"	1' 4 3/16"	1' 5 7/8"	1' 3 15/16"	1' 6 3/16"	1' 3 5/8"	1' 6 11/16"
16"	1' 3 5/16"	1' 4 11/16"	1' 3 1/8"	1' 5"	1' 2 11/16"	1' 5 1/2"
15"	1' 2 3/8"	1' 3 11/16"	1' 2 3/16"	1' 3 7/8"	1' 1 7/8"	1' 4 5/16"
14"	1' 1 1/2"	1' 2 5/8"	1' 1 5/16"	1' 2 13/16"	1' 1 1/8"	1' 3 1/8"



AATMA 18mm/T1.5

Crcle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	10' 7 1/2"	INF	7' 6 1/8"	INF	5' 3 13/16"	INF
30'	7' 10 5/16"	INF	6'	INF	4' 6 5/16"	INF
15'	6' 2 13/16"	INF	5'	INF	3' 11 3/16"	INF
10'	5' 2"	154' 3 3/8"	4' 3 11/16"	INF	3' 5 13/16"	INF
8'	4' 6 7/8"	31' 7 5/16"	3' 10 11/16"	INF	3' 2 1/2"	INF
6'	3' 10 3/16"	13' 7 5/16"	3' 4 3/16"	28' 8 3/8"	2' 10"	INF
5'	3' 4 15/16"	9' 4 1/8"	3'	14' 7 5/16"	2' 7 1/8"	71'
4' 6"	3' 2 1/8"	7' 8 13/16"	2' 9 7/8"	11'	2' 5 3/8"	27' 5"
4'	2' 10 15/16"	6' 4 5/16"	2' 7 1/2"	8' 4 7/8"	2' 3 5/8"	15' 5 5/8"
3' 9"	2' 9 3/8"	5' 8 7/8"	2' 6 3/16"	7' 4 1/2"	2' 2 5/8"	12' 3 5/16"
3' 6"	2' 7 11/16"	5' 2 1/8"	2' 4 13/16"	6' 5 1/2"	2' 1 1/2"	9' 11 3/16"
3' 3"	2' 6"	4' 7 13/16"	2' 3 3/8"	5' 7 13/16"	2'	8' 1 11/16"
3'	2' 4 3/16"	4' 1 11/16"	2' 1 7/8"	4' 11 1/8"	1' 11 3/16"	6' 8 1/2"
2' 9"	2' 2 5/16"	3' 8 3/16"	2'	4' 3 3/8"	1' 9 7/8"	5' 6 13/16"
2' 6"	2'	3' 2 7/8"	1' 10 5/8"	3' 8 3/8"	1' 8 5/8"	4' 7 1/2"
2' 3"	1' 10 3/8"	2' 10"	1' 8 7/8"	3' 2 1/8"	1' 7 1/8"	3' 10"
2'	1' 8 5/16"	2' 5 3/8"	1' 7 1/8"	2' 8 3/8"	1' 5 5/8"	3' 1 13/16"
23"	1' 7 5/8"	2' 3 7/8"	1' 6 3/8"	2' 6 1/2"	1' 5"	2' 11 5/16"
22"	1' 6 7/8"	2' 2 3/8"	1' 5 13/16"	2' 4 13/16"	1' 4 1/2"	2' 9"
21"	1' 6 1/8"	2' 1"	1' 5 1/8"	2' 3 1/8"	1' 3 7/8"	2' 6 13/16"
20"	1' 5 3/8"	1' 11 5/8"	1' 4 1/2"	2' 1 3/8"	1' 3 3/8"	2' 4 11/16"
19"	1' 4 5/8"	1' 10 3/16"	1' 3 13/16"	1' 11 7/8"	1' 2 13/16"	2' 2 11/16"
18"	1' 3 13/16"	1' 8 13/16"	1' 3 1/8"	1' 10 5/16"	1' 2 3/16"	2'
17"	1' 3 1/8"	1' 7 1/2"	1' 2 3/8"	1' 8 13/16"	1' 1 1/2"	1' 10 13/16"
16"	1' 2 5/16"	1' 6 3/16"	1' 1 11/16"	1' 7 3/16"	1'	1' 9"
15"	1' 1 1/2"	1' 4 7/8"	1'	1' 5 13/16"	1'	1' 7 5/16"
14"	1'	1' 3 5/8"	1'	1' 4 3/8"	0' 11 5/8"	1' 5 11/16"



AATMA 18mm/T1.5

Crcle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	3' 9 1/8"	INF	2' 7 7/8"	INF	1' 10 1/2"	INF
30'	3' 4 3/16"	INF	2' 5 5/16"	INF	1' 9 5/16"	INF
15'	3'	INF	2' 3 3/16"	INF	1' 8 1/8"	INF
10'	2' 8 7/8"	INF	2' 1 5/16"	INF	1' 7 1/8"	INF
8'	2' 6 13/16"	INF	2'	INF	1' 6 3/8"	INF
6'	2' 3 7/8"	INF	1' 10 5/16"	INF	1' 5 5/16"	INF
5'	2' 1 7/8"	INF	1' 9"	INF	1' 4 1/2"	INF
4' 6"	2'	INF	1' 8 3/16"	INF	1' 4 1/8"	INF
4'	1' 11 3/8"	INF	1' 7 5/16"	INF	1' 3 1/2"	INF
3' 9"	1' 10 11/16"	205' 8 5/8"	1' 6 13/16"	INF	1' 3 3/16"	INF
3' 6"	1' 9 7/8"	41' 4 13/16"	1' 6 5/16"	INF	1' 2 13/16"	INF
3' 3"	1' 9 1/8"	21' 6 5/8"	1' 5 11/16"	INF	1' 2 1/2"	INF
3'	1' 8 3/16"	13' 9"	1' 5 1/8"	INF	1' 2"	INF
2' 9"	1' 7 3/16"	9' 7 15/16"	1' 4 3/8"	INF	1' 1 5/8"	INF
2' 6"	1' 6 3/16"	7' 1 1/2"	1' 3 5/8"	30' 8 3/16"	1'	INF
2' 3"	1' 5 1/8"	5' 4 13/16"	1' 2 13/16"	12' 10 1/8"	1'	INF
2'	1' 3 13/16"	4' 1 11/16"	1' 1 7/8"	7' 5 3/16"	0' 11 13/16"	INF
23"	1' 3 3/8"	3' 9 3/8"	1' 1 1/2"	6' 4 5/16"	0' 11 5/8"	163' 11 7/8"
22"	1' 2 7/8"	3' 5 11/16"	1' 1 3/16"	5' 6 5/16"	0' 11 5/16"	33' 1 11/16"
21"	1' 2 1/2"	3' 2 1/8"	1'	4' 9 5/8"	0' 11"	17' 4 5/16"
20"	1' 2"	2' 10 7/8"	1'	4' 2 5/8"	0' 10 13/16"	11' 6 1/2"
19"	1' 1 1/2"	2' 7 15/16"	1'	3' 8 5/8"	0' 10 1/2"	8' 5 1/8"
18"	1'	2' 5 3/16"	0' 11 11/16"	3' 3 5/16"	0' 10 3/16"	6' 5 1/8"
17"	1'	2' 2 5/8"	0' 11 5/16"	2' 10 13/16"	0' 9 7/8"	5' 1 3/8"
16"	0' 11 7/8"	2'	0' 10 13/16"	2' 6 11/16"	0' 9 1/2"	4' 1 5/8"
15"	0' 11 3/8"	1' 10"	0' 10 3/8"	2' 3 3/16"	0' 9 3/16"	3' 4 15/16"
14"	0' 10 13/16"	1' 7 7/8"	0' 9 7/8"	2'	0' 8 13/16"	2' 10 3/16"



AATMA 25mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	53' 11 1/9"	INF	53' 11 1/9"	INF	28' 11 2/3"	INF
20'	14' 7 1/3"	31' 8 2/5"	14' 7 1/3"	31' 8 2/5"	11' 10 1/5"	63' 11 2/5"
10'	8' 5 2/5"	12' 3"	8' 5 2/5"	12' 3"	7' 5 2/5"	15' 2 2/5"
7'	6' 2 1/2"	8' 2/5"	6' 2 1/2"	8' 2/5"	5' 7 4/5"	9' 2 2/5"
5'	4' 7"	5' 6"	4' 7"	5' 6"	4' 3 2/7"	6' 2/7"
4'	3' 8 5/7"	4' 3 5/7"	3' 8 5/7"	4' 3 5/7"	3' 6 2/7"	4' 7 1/2"
3' 6"	3' 3 1/2"	3' 8 4/5"	3' 3 1/2"	3' 8 4/5"	3' 1 3/5"	3' 11 3/5"
3'	2' 10 1/9"	3' 2"	2' 10 1/9"	3' 2"	2' 8 5/7"	3' 4"
2' 9"	2' 7 2/5"	2' 10 5/7"	2' 7 2/5"	2' 10 5/7"	2' 6 1/5"	3' 2/7"
2' 6"	2' 4 2/3"	2' 7 2/5"	2' 4 2/3"	2' 7 2/5"	2' 3 2/3"	2' 8 5/7"
2' 3"	2' 2"	2' 4 1/9"	2' 2"	2' 4 1/9"	2' 1 1/9"	2' 5 1/5"
2'	1' 11 1/5"	2' 8/9"	1' 11 1/5"	2' 8/9"	1' 10 1/2"	2' 1 2/3"
22"	1' 9 1/3"	1' 10 2/3"	1' 9 1/3"	1' 10 2/3"	1' 8 4/5"	1' 11 2/5"
21"	1' 8 2/5"	1' 9 2/3"	1' 8 2/5"	1' 9 2/3"	1' 7 4/5"	1' 10 1/3"
20"	1' 7 2/5"	1' 8 3/5"	1' 7 2/5"	1' 8 3/5"	1' 7"	1' 9 1/5"
19"	1' 6 1/2"	1' 7 3/5"	1' 6 1/2"	1' 7 3/5"	1' 6 1/9"	1' 8 1/9"
18"	1' 5 1/2"	1' 6 1/2"	1' 5 1/2"	1' 6 1/2"	1' 5 1/5"	1' 6 8/9"
17"	1' 4 3/5"	1' 5 2/5"	1' 4 3/5"	1' 5 2/5"	1' 4 1/3"	1' 5 4/5"
16"	1' 3 3/5"	1' 4 2/5"	1' 3 3/5"	1' 4 2/5"	1' 3 1/3"	1' 4 2/3"
15"	1' 2 2/3"	1' 3 1/3"	1' 2 2/3"	1' 3 1/3"	1' 2 2/5"	1' 3 3/5"
14"	1' 1 2/3"	1' 2 1/3"	1' 1 2/3"	1' 2 1/3"	1' 1 1/2"	1' 2 3/5"
13"	1' 4/5"	1' 1 1/5"	1' 4/5"	1' 1 1/5"	1' 3/5"	1' 1 1/2"
12"	0' 11 4/5"	1' 1/5"	0' 11 4/5"	1' 1/5"	0' 11 3/5"	1' 2/5"
11"	0' 10 4/5"	0' 11 1/5"	0' 10 4/5"	0' 11 1/5"	0' 10 2/3"	0' 11 1/3"
10"	0' 10"	0' 10"	0' 10"	0' 10"	0' 9 2/3"	0' 10 1/3"



AATMA 25mm/T1.5

Crcle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	20' 6"	INF	14' 6"	INF	10' 3"	INF
20'	10' 1 5/7"	698' 3 8/9"	8' 5"	INF	6' 9 3/5"	INF
10'	6' 9"	19' 4 2/5"	5' 11 1/5"	31' 8 1/5"	5' 1"	306' 4 1/2"
7'	5' 2 4/5"	10' 6 4/5"	4' 8 8/9"	13' 4 4/5"	4' 2 1/5"	21' 6 2/5"
5'	4' 2/5"	6' 7"	3' 8 4/5"	7' 6 4/5"	3' 4 1/2"	9' 7 2/7"
4'	3' 4 2/7"	4' 11 2/7"	3' 1 4/5"	5' 5 4/5"	2' 10 5/7"	6' 5 5/7"
3' 6"	3' 0"	4' 2 2/5"	2' 10"	4' 7"	2' 7 1/2"	5' 3"
3'	2' 7 1/2"	3' 6"	2' 6"	3' 9 1/9"	2' 4"	4' 2 2/7"
2' 9"	2' 5 1/5"	3' 1 8/9"	2' 3 8/9"	3' 4 2/5"	2' 2 1/5"	3' 8 3/5"
2' 6"	2' 2 4/5"	2' 10"	2' 1 2/3"	3' 0"	2' 1/3"	3' 3 2/7"
2' 3"	2' 2/5"	2' 6 1/5"	1' 11 1/2"	2' 7 4/5"	1' 10 1/3"	2' 10 2/7"
2'	1' 10"	2' 2 1/2"	1' 9 1/5"	2' 3 2/3"	1' 8 1/5"	2' 5 1/2"
22"	1' 8 1/3"	2' 1/9"	1' 7 3/5"	2' 1"	1' 6 4/5"	2' 2 1/2"
21"	1' 7 2/5"	1' 10 4/5"	1' 6 4/5"	1' 11 2/3"	1' 6 1/9"	2' 1 1/9"
20"	1' 6 3/5"	1' 9 2/3"	1' 6"	1' 10 1/2"	1' 5 1/3"	1' 11 2/3"
19"	1' 5 2/3"	1' 8 1/2"	1' 5 1/5"	1' 9 1/5"	1' 4 3/5"	1' 10 1/3"
18"	1' 4 4/5"	1' 7 1/3"	1' 4 2/5"	1' 7 8/9"	1' 3 4/5"	1' 8 8/9"
17"	1' 4"	1' 6 1/5"	1' 3 3/5"	1' 6 2/3"	1' 3"	1' 7 3/5"
16"	1' 3"	1' 5"	1' 2 2/3"	1' 5 1/2"	1' 2 1/5"	1' 6 1/5"
15"	1' 2 1/5"	1' 4"	1' 2"	1' 4 1/3"	1' 1 1/2"	1' 4 8/9"
14"	1' 1 1/3"	1' 2 4/5"	1' 1"	1' 3 1/5"	1' 2/3"	1' 3 2/3"
13"	1' 2/5"	1' 1 2/3"	1' 1/5"	1' 2"	0' 11 4/5"	1' 2 2/5"
12"	0' 11 1/2"	1' 3/5"	0' 11 1/3"	1' 4/5"	0' 11"	1' 1 1/5"
11"	0' 10 3/5"	0' 11 2/5"	0' 10 2/5"	0' 11 2/3"	0' 10 1/5"	1' 0"
10"	0' 9 3/5"	0' 10 2/5"	0' 9 1/2"	0' 10 1/2"	0' 9 1/3"	0' 10 4/5"



AATMA 25mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	7' 3"	INF	5' 1 1/2"	INF	3' 7 1/2"	INF
20'	5' 4"	INF	4' 1 1/9"	INF	3' 8/9"	INF
10'	4' 2 5/7"	INF	3' 4 8/9"	INF	2' 8 1/9"	INF
7'	3' 7"	152' 7"	2' 11 4/5"	INF	2' 4 8/9"	INF
5'	2' 11 4/5"	15' 6 2/5"	2' 6 3/5"	123' 2/5"	2' 1 1/2"	INF
4'	2' 7 1/5"	8' 8 2/5"	2' 3 1/5"	16' 11 1/2"	1' 11 1/9"	INF
3' 6"	2' 4 1/2"	6' 7 1/2"	2' 1 1/5"	10' 6"	1' 9 3/5"	61' 7 4/5"
3'	2' 1 2/3"	5' 1/5"	1' 10 8/9"	6' 11 1/2"	1' 7 8/9"	15' 4 1/3"
2' 9"	2' 1/9"	4' 4 1/5"	1' 9 2/3"	5' 8 4/5"	1' 7"	10' 5"
2' 6"	1' 10 1/2"	3' 9"	1' 8 2/5"	4' 8 4/5"	1' 6"	7' 6"
2' 3"	1' 8 4/5"	3' 2 1/2"	1' 7"	3' 10 4/5"	1' 4 8/9"	5' 7 1/5"
2'	1' 7"	2' 8 5/7"	1' 5 1/2"	3' 2 2/5"	1' 3 2/3"	4' 3"
22"	1' 5 2/3"	2' 5"	1' 4 2/5"	2' 9 2/5"	1' 2 4/5"	3' 6 3/5"
21"	1' 5 1/9"	2' 3 1/5"	1' 3 4/5"	2' 7 1/9"	1' 2 2/5"	3' 2 4/5"
20"	1' 4 2/5"	2' 1 3/5"	1' 3 1/3"	2' 4 8/9"	1' 2"	2' 11 1/2"
19"	1' 3 4/5"	2' 0"	1' 2 2/3"	2' 2 8/9"	1' 1 2/5"	2' 8 1/2"
18"	1' 3"	1' 10 2/5"	1' 2"	2' 8/9"	1' 1"	2' 5 1/2"
17"	1' 2 2/5"	1' 8 4/5"	1' 1 1/2"	1' 11"	1' 2/5"	2' 2 8/9"
16"	1' 1 3/5"	1' 7 1/3"	1' 1"	1' 9 1/9"	0' 12"	2' 2/5"
15"	1' 1"	1' 5 8/9"	1' 1/5"	1' 7 2/5"	0' 11 1/3"	1' 10 1/9"
14"	1' 1/5"	1' 4 1/2"	0' 11 3/5"	1' 5 4/5"	0' 10 4/5"	1' 8"
13"	0' 11 2/5"	1' 3"	0' 11"	1' 4 1/9"	0' 10 1/5"	1' 5 8/9"
12"	0' 10 2/3"	1' 1 2/3"	0' 10 1/5"	1' 2 3/5"	0' 9 3/5"	1' 4 1/9"
11"	0' 10"	1' 2/5"	0' 9 2/5"	1' 1"	0' 9"	1' 2 1/3"
10"	0' 9"	0' 11 1/5"	0' 8 2/3"	0' 11 2/3"	0' 8 1/3"	1' 3/5"



AATMA 35mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	88' 1/2"	INF	66' 11 1/5"	INF	47' 3 5/7"	INF
40'	27' 6 1/2"	73' 4/5"	25' 8/9"	98' 10 1/2"	21' 8 1/2"	254' 2/3"
20'	16' 3 4/5"	25' 9 8/9"	15' 5"	28' 5 1/3"	14' 1"	34' 5 4/5"
12'	10' 7"	13' 10 1/2"	10' 2 2/7"	14' 7"	9' 7"	16' 1/3"
10'	8' 12"	11' 3 1/5"	8' 8 3/5"	11' 8 4/5"	8' 3 2/7"	12' 7 2/3"
8'	7' 4"	8' 9 2/5"	7' 2"	9' 4/5"	6' 10 2/7"	9' 7 1/5"
6'	5' 7 1/2"	6' 5 1/5"	5' 6 1/5"	6' 7"	5' 4"	6' 10 1/5"
5'	4' 8 4/5"	5' 3 1/2"	4' 7 8/9"	5' 4 5/7"	4' 6 2/5"	5' 7"
4' 6"	4' 3 1/2"	4' 8 4/5"	4' 2 5/7"	4' 9 4/5"	4' 1 2/5"	4' 11 1/2"
4'	3' 10"	4' 2 1/5"	3' 9 2/5"	4' 2 8/9"	3' 8 2/5"	4' 4 2/7"
3' 9"	3' 7 1/5"	3' 10 8/9"	3' 6 5/7"	3' 11 3/5"	3' 5 4/5"	4' 5/7"
3' 6"	3' 4 1/2"	3' 7 5/7"	3' 4"	3' 8 1/5"	3' 3 1/5"	3' 9 1/5"
3' 3"	3' 1 5/7"	3' 4 1/2"	3' 1 2/7"	3' 4 8/9"	3' 3/5"	3' 5 4/5"
3'	2' 10 4/5"	3' 1 1/5"	2' 10 1/2"	3' 1 3/5"	2' 9 8/9"	3' 2 2/7"
2' 9"	2' 8"	2' 10"	2' 7 2/3"	2' 10 2/7"	2' 7 1/3"	2' 10 8/9"
2' 6"	2' 5 1/5"	2' 6 4/5"	2' 5"	2' 7 1/9"	2' 4 3/5"	2' 7 3/5"
2' 3"	2' 2 2/5"	2' 3 2/3"	2' 2 1/5"	2' 3 8/9"	2' 1 4/5"	2' 4 1/3"
2'	1' 11 1/2"	2' 1/2"	1' 11 2/5"	2' 2/3"	1' 11 1/9"	2' 1"
23"	1' 10 1/2"	1' 11 1/2"	1' 10 2/5"	1' 11 3/5"	1' 10 1/9"	1' 11 8/9"
22"	1' 9 3/5"	1' 10 2/5"	1' 9 1/2"	1' 10 3/5"	1' 9 1/5"	1' 10 4/5"
21"	1' 8 3/5"	1' 9 2/5"	1' 8 1/2"	1' 9 1/2"	1' 8 1/3"	1' 9 2/3"
20"	1' 7 2/3"	1' 8 2/5"	1' 7 1/2"	1' 8 1/2"	1' 7 2/5"	1' 8 2/3"
19"	1' 6 2/3"	1' 7 1/3"	1' 6 3/5"	1' 7 2/5"	1' 6 2/5"	1' 7 3/5"
18"	1' 5 2/3"	1' 6 1/3"	1' 5 3/5"	1' 6 2/5"	1' 5 1/2"	1' 6 1/2"
17"	1' 4 4/5"	1' 5 1/3"	1' 4 2/3"	1' 5 1/3"	1' 4 3/5"	1' 5 1/2"
16"	1' 3 4/5"	1' 4 1/5"	1' 3 2/3"	1' 4 1/3"	1' 3 3/5"	1' 4 2/5"
15"	1' 2 4/5"	1' 3 1/5"	1' 2 4/5"	1' 3 1/3"	1' 2 3/5"	1' 3 2/5"
14"	1' 2"	1' 2 1/5"	1' 1 4/5"	1' 2 1/5"	1' 1 2/3"	1' 2 1/3"
13"	1' 1"	1' 1"	1' 4/5"	1' 1 1/5"	1' 2/3"	1' 1 1/3"



AATMA 35mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	33' 5 2/3"	INF	23' 8"	INF	16' 9"	INF
40'	18' 3"	INF	14' 10 4/5"	INF	11' 10"	INF
20'	12' 6 3/5"	49' 2 5/7"	10' 10 2/5"	125' 1 1/5"	9' 1 5/7"	INF
12'	8' 10 2/7"	18' 7 1/5"	7' 12"	24' 1 1/3"	7' 1/5"	41' 4 1/3"
10'	7' 8 5/7"	14' 2 1/5"	7' 3/5"	17' 2"	6' 3 1/2"	24' 4 8/9"
8'	6' 5 5/7"	10' 5 1/2"	6' 0"	11' 12"	5' 5 2/7"	15' 1 2/5"
6'	5' 1 1/5"	7' 3 2/5"	4' 9 5/7"	7' 11 4/5"	4' 5 2/7"	9' 3"
5'	4' 4 2/5"	5' 10 1/5"	4' 1 5/7"	6' 3 3/5"	3' 10 2/5"	7' 5/7"
4' 6"	3' 11 4/5"	5' 2 1/5"	3' 9 3/5"	5' 6 2/7"	3' 6 4/5"	6' 1 1/5"
4'	3' 7"	4' 6 2/7"	3' 5 1/5"	4' 9 2/5"	3' 3"	5' 2 1/2"
3' 9"	3' 4 3/5"	4' 2 1/2"	3' 3"	4' 5 1/5"	3' 1"	4' 9 1/2"
3' 6"	3' 2 1/5"	3' 10 5/7"	3' 4/5"	4' 1"	2' 10 8/9"	4' 4 5/7"
3' 3"	2' 11 5/7"	3' 7"	2' 10 1/2"	3' 9"	2' 8 8/9"	4' 0"
3'	2' 9 1/9"	3' 3 2/5"	2' 8 1/9"	3' 5"	2' 6 2/3"	3' 7 1/2"
2' 9"	2' 6 3/5"	2' 11 4/5"	2' 5 2/3"	3' 1 1/9"	2' 4 1/2"	3' 3 1/5"
2' 6"	2' 4"	2' 8 2/7"	2' 3 1/3"	2' 9 2/5"	2' 2 1/3"	2' 11"
2' 3"	2' 1 2/5"	2' 4 4/5"	2' 4/5"	2' 5 2/3"	2' 0"	2' 7"
2'	1' 10 2/3"	2' 1 2/5"	1' 10 1/5"	2' 2 1/9"	1' 9 3/5"	2' 3 1/9"
23"	1' 9 4/5"	2' 1/3"	1' 9 2/5"	2' 8/9"	1' 8 4/5"	2' 1 4/5"
22"	1' 8 8/9"	1' 11 1/5"	1' 8 1/2"	1' 11 2/3"	1' 8"	2' 1/2"
21"	1' 8"	1' 10 1/9"	1' 7 3/5"	1' 10 1/2"	1' 7 1/9"	1' 11 1/3"
20"	1' 7 1/9"	1' 9"	1' 6 4/5"	1' 9 2/5"	1' 6 1/3"	1' 10"
19"	1' 6 1/5"	1' 7 8/9"	1' 5 8/9"	1' 8 1/3"	1' 5 1/2"	1' 8 4/5"
18"	1' 5 1/3"	1' 6 4/5"	1' 5"	1' 7 1/9"	1' 4 3/5"	1' 7 3/5"
17"	1' 4 2/5"	1' 5 2/3"	1' 4 1/9"	1' 6"	1' 3 4/5"	1' 6 2/5"
16"	1' 3 2/5"	1' 4 3/5"	1' 3 1/5"	1' 4 8/9"	1' 3"	1' 5 1/5"
15"	1' 2 1/2"	1' 3 1/2"	1' 2 1/3"	1' 3 4/5"	1' 2"	1' 4 1/9"
14"	1' 1 3/5"	1' 2 1/2"	1' 1 2/5"	1' 2 2/3"	1' 1 1/5"	1' 3"
13"	1' 3/5"	1' 1 2/5"	1' 1/2"	1' 1 1/2"	1' 1/3"	1' 1 4/5"



AATMA 35mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	11' 10"	INF	8' 4 1/2"	INF	5' 11"	INF
40'	9' 2"	INF	6' 11 2/7"	INF	5' 2"	INF
20'	7' 5 3/5"	INF	5' 11"	INF	4' 7 1/9"	INF
12'	5' 12"	INF	4' 11 1/2"	INF	3' 11 8/9"	INF
10'	5' 5 2/5"	60' 5 1/5"	4' 7"	INF	3' 8 8/9"	INF
8'	4' 9 3/5"	23' 11"	4' 1 2/5"	136' 11"	3' 5 1/5"	INF
6'	4' 1/9"	11' 11"	3' 6 2/7"	20' 2 2/5"	3' 1/9"	1042' 1 8/9"
5'	3' 6 1/2"	8' 6"	3' 1 8/9"	12' 0"	2' 8 8/9"	28' 7 1/3"
4' 6"	3' 3 2/5"	7' 1 4/5"	2' 11 2/5"	9' 5 1/2"	2' 7"	17' 4 1/2"
4'	3' 1/9"	5' 11 2/5"	2' 8 4/5"	7' 5 1/2"	2' 5"	11' 7 3/5"
3' 9"	2' 10 2/5"	5' 5"	2' 7 2/5"	6' 7 1/2"	2' 3 8/9"	9' 8 3/5"
3' 6"	2' 8 5/7"	4' 10 4/5"	2' 5 8/9"	5' 10 1/2"	2' 2 2/3"	8' 2"
3' 3"	2' 6 4/5"	4' 5 1/9"	2' 4 2/5"	5' 2 2/5"	2' 1 1/2"	6' 11"
3'	2' 4 8/9"	3' 11 3/5"	2' 2 4/5"	4' 6 8/9"	2' 1/5"	5' 10 1/5"
2' 9"	2' 3"	3' 6 2/5"	2' 1 1/9"	4' 1/9"	1' 10 4/5"	4' 11 2/5"
2' 6"	2' 1"	3' 1 3/5"	1' 11 1/3"	3' 6"	1' 9 2/5"	4' 2 1/5"
2' 3"	1' 10 8/9"	2' 8 8/9"	1' 9 1/2"	3' 2/7"	1' 7 4/5"	3' 6 2/7"
2'	1' 8 2/3"	2' 4 3/5"	1' 7 3/5"	2' 7"	1' 6 1/5"	2' 11 1/5"
23"	1' 8"	2' 3 1/9"	1' 6 8/9"	2' 5 1/3"	1' 5 3/5"	2' 9"
22"	1' 7 1/5"	2' 1 2/3"	1' 6 1/3"	2' 3 2/3"	1' 5 1/9"	2' 7"
21"	1' 6 2/5"	2' 1/3"	1' 5 3/5"	2' 2 1/9"	1' 4 2/5"	2' 5"
20"	1' 5 2/3"	1' 11"	1' 4 8/9"	2' 3/5"	1' 3 4/5"	2' 3 1/9"
19"	1' 4 8/9"	1' 9 2/3"	1' 4 1/5"	1' 11 1/9"	1' 3 1/5"	2' 1 1/3"
18"	1' 4 1/9"	1' 8 2/5"	1' 3 2/5"	1' 9 3/5"	1' 2 3/5"	1' 11 1/2"
17"	1' 3 1/3"	1' 7 1/9"	1' 2 2/3"	1' 8 1/9"	1' 2"	1' 9 4/5"
16"	1' 2 1/2"	1' 5 4/5"	1' 2"	1' 6 2/3"	1' 1 1/3"	1' 8 1/9"
15"	1' 1 2/3"	1' 4 3/5"	1' 1 1/5"	1' 5 2/5"	1' 3/5"	1' 6 3/5"
14"	1' 1"	1' 3 2/5"	1' 2/5"	1' 4"	0' 12"	1' 5"
13"	1' 0"	1' 2"	0' 11 3/5"	1' 2 2/3"	0' 11 1/5"	1' 3 1/2"



AATMA 40mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	137' 10 7/8"	INF	104' 10 5/16"	INF	74' 1 5/8"	INF
50'	36' 8 7/8"	78' 3"	33' 10 13/16"	95' 2 7/8"	29' 10 13/16"	152' 6"
25'	21' 2 3/16"	30' 5 7/8"	20' 2 1/2"	32' 9 1/8"	18' 8 11/16"	37' 7 3/16"
15'	13' 6 1/2"	16' 9 11/16"	13' 1 11/16"	17' 5 11/16"	12' 6"	18' 9 1/8"
12'	11'	13' 1 5/8"	10' 9 3/8"	13' 6 3/8"	10' 4 3/16"	14' 3 3/8"
10'	9' 4"	10' 9 3/16"	9' 1 11/16"	11'	8' 9 7/8"	11' 6 3/8"
8'	7' 6 13/16"	8' 5 13/16"	7' 5 5/16"	8' 7 13/16"	7' 2 13/16"	8' 11 3/8"
7'	6' 8"	7' 4 3/8"	6' 6 7/8"	7' 5 7/8"	6' 4 7/8"	7' 8 5/8"
6'	5' 9 1/8"	6' 3 3/16"	5' 8 3/16"	6' 4 5/16"	5' 6 11/16"	6' 6 3/16"
5' 6"	5' 3 1/2"	5' 8 11/16"	5' 2 13/16"	5' 9 1/2"	5' 1 1/2"	5' 11 1/8"
5'	4' 9 15/16"	5' 2 3/16"	4' 9 5/16"	5' 2 7/8"	4' 8 5/16"	5' 4 3/16"
4' 6"	4' 4 3/8"	4' 7 13/16"	4' 3 7/8"	4' 8 3/8"	4' 3"	4' 9 3/8"
4'	3' 10 11/16"	4' 1 3/8"	3' 10 5/16"	4' 1 13/16"	3' 9 5/8"	4' 2 5/8"
3' 9"	3' 7 7/8"	3' 10 3/16"	3' 7 1/2"	3' 10 5/8"	3' 6 7/8"	3' 11 5/16"
3' 6"	3' 4 15/16"	3' 7 1/8"	3' 4 11/16"	3' 7 3/8"	3' 4 3/16"	3' 7 15/16"
3' 3"	3' 2 3/16"	3' 3 7/8"	3' 1 7/8"	3' 4 3/16"	3' 1 3/8"	3' 4 11/16"
3'	2' 11 5/16"	3'	2' 10 15/16"	3' 1"	2' 10 5/8"	3' 1 3/8"
2' 9"	2' 8 3/8"	2' 9 5/8"	2' 8 3/16"	2' 9 13/16"	2' 7 7/8"	2' 10 3/16"
2' 6"	2' 5 1/2"	2' 6 1/2"	2' 5 5/16"	2' 6 11/16"	2' 5 1/8"	2' 7"
2' 3"	2' 2 5/8"	2' 3 3/8"	2' 2 1/2"	2' 3 5/8"	2' 2 5/16"	2' 3 13/16"
2'	1' 11 11/16"	2'	1' 11 5/8"	2'	1' 11 3/8"	2'
23"	1' 10 11/16"	1' 11 5/16"	1' 10 5/8"	1' 11 3/8"	1' 10 1/2"	1' 11 5/8"
22"	1' 9 11/16"	1' 10 5/16"	1' 9 11/16"	1' 10 3/8"	1' 9 1/2"	1' 10 1/2"
21"	1' 8 11/16"	1' 9 3/16"	1' 8 11/16"	1' 9 5/16"	1' 8 1/2"	1' 9 1/2"
20"	1' 7 13/16"	1' 8 3/16"	1' 7 11/16"	1' 8 5/16"	1' 7 5/8"	1' 8 3/8"
19"	1' 6 13/16"	1' 7 3/16"	1' 6 13/16"	1' 7 5/16"	1' 6 11/16"	1' 7 3/8"
18"	1' 5 13/16"	1' 6 3/16"	1' 5 13/16"	1' 6 3/16"	1' 5 11/16"	1' 6 5/16"
17"	1' 4 7/8"	1' 5 3/16"	1' 4 13/16"	1' 5 3/16"	1' 4 11/16"	1' 5 5/16"



AATMA 40mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	52' 5 1/2"	INF	37' 1"	INF	26' 2 7/8"	INF
50'	25' 7 11/16"	1000'	21' 3 7/8"	INF	17' 2 7/8"	INF
25'	16' 11 5/8"	47' 6 1/8"	14' 11 5/8"	75' 10 1/8"	12' 10"	476' 2 5/16"
15'	11' 8 5/16"	20' 11 1/8"	10' 8 1/2"	25'	9' 6 7/8"	34' 7 3/16"
12'	9' 9 1/2"	15' 6 1/8"	9' 1 1/8"	17' 7 13/16"	8' 3 3/16"	21' 10 7/8"
10'	8' 4 15/16"	12' 3 13/16"	7' 10 13/16"	13' 7 1/2"	7' 3 3/16"	16'
8'	6' 11 1/2"	9' 4 7/8"	6' 7 3/16"	10' 1 13/16"	6' 1 13/16"	11' 5 1/8"
7'	6' 2 5/16"	8'	5' 10 7/8"	8' 7 1/8"	5' 6 5/8"	9' 5 13/16"
6'	5' 4 13/16"	6' 9 1/8"	5' 2 3/16"	7' 1 1/2"	4' 10 13/16"	7' 8 11/16"
5' 6"	4' 11 7/8"	6' 1 1/2"	4' 9 5/8"	6' 5 1/8"	4' 6 13/16"	6' 10 7/8"
5'	4' 6 7/8"	5' 6 1/8"	4' 5"	5' 9 1/8"	4' 2 5/8"	6' 1 11/16"
4' 6"	4' 1 7/8"	4' 10 7/8"	4'	5' 1 3/16"	3' 10 5/16"	5' 4 13/16"
4'	3' 8 11/16"	4' 3 13/16"	3' 7 1/2"	4' 5 5/8"	3' 5 13/16"	4' 8 5/16"
3' 9"	3' 6 1/8"	4'	3' 4 15/16"	4' 1 7/8"	3' 3 1/2"	4' 4 3/16"
3' 6"	3' 3 1/2"	3' 8 7/8"	3' 2 1/2"	3' 10 3/16"	3' 1 3/16"	4'
3' 3"	3'	3' 5 1/2"	3'	3' 6 5/8"	2' 10 7/8"	3' 8 5/16"
3'	2' 10 1/8"	3' 2 1/8"	2' 9 3/8"	3' 3"	2' 8 3/8"	3' 4 3/8"
2' 9"	2' 7 3/8"	2' 10 11/16"	2' 6 13/16"	2' 11 1/2"	2' 6"	3'
2' 6"	2' 4 11/16"	2' 7 3/8"	2' 4 3/16"	2' 7 15/16"	2' 3 1/2"	2' 9"
2' 3"	2' 1 15/16"	2' 4 1/8"	2' 1 1/2"	2' 4 5/8"	2' 1"	2' 5 3/8"
2'	1' 11 3/16"	2'	1' 10 7/8"	2' 1 5/16"	1' 10 3/8"	2' 1 7/8"
23"	1' 10 3/16"	1' 11 13/16"	1' 9 7/8"	2'	1' 9 1/2"	2'
22"	1' 9 5/16"	1' 10 11/16"	1' 9"	1' 11 1/8"	1' 8 11/16"	1' 11 1/2"
21"	1' 8 3/8"	1' 9 11/16"	1' 8 1/8"	1' 9 7/8"	1' 7 13/16"	1' 10 3/8"
20"	1' 7 3/8"	1' 8 5/8"	1' 7 3/16"	1' 8 7/8"	1' 6 7/8"	1' 9 3/16"
19"	1' 6 1/2"	1' 7 5/8"	1' 6 5/16"	1' 7 13/16"	1' 6"	1' 8 1/8"
18"	1' 5 1/2"	1' 6 1/2"	1' 5 3/8"	1' 6 11/16"	1' 5 1/8"	1' 6 15/16"
17"	1' 4 5/8"	1' 5 3/8"	1' 4 3/8"	1' 5 5/8"	1' 4 3/16"	1' 5 7/8"



AATMA 40mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	18' 6 11/16"	INF	13' 1 1/2"	INF	9' 3 5/16"	INF
50'	13' 6 13/16"	INF	10' 4 15/16"	INF	7' 10 1/8"	INF
25'	10' 8 3/16"	INF	8' 7 5/8"	INF	6' 9 1/2"	INF
15'	8' 4"	75' 3 15/16"	7'	INF	5' 9 3/16"	INF
12'	7' 3 13/16"	33' 3 5/16"	6' 3 5/8"	125' 8"	5' 3 3/16"	INF
10'	6' 6 3/8"	21' 4 3/16"	5' 8 1/2"	40' 3 7/8"	4' 10 3/16"	INF
8'	5' 7 3/8"	13' 10 5/8"	5'	19' 11 11/16"	4' 3 7/8"	52' 7 1/8"
7'	5' 1 5/16"	11' 1 3/8"	4' 7 1/8"	14' 8 5/16"	4'	26' 11 11/16"
6'	4' 6 11/16"	8' 9 5/16"	4' 1 13/16"	10' 10 5/16"	3' 8 1/8"	16' 3 15/16"
5' 6"	4' 3 3/16"	7' 8 13/16"	3' 10 13/16"	9' 3 5/8"	3' 5 13/16"	13'
5'	3' 11 1/2"	6' 9 5/16"	3' 7 13/16"	7' 11 3/8"	3' 3 3/8"	10' 6 3/16"
4' 6"	3' 7 11/16"	5' 10 5/8"	3' 4 1/2"	6' 9"	3'	8' 6 1/8"
4'	3' 3 11/16"	5'	3' 1 1/8"	5' 8"	2' 9 7/8"	6' 10 5/16"
3' 9"	3' 1 11/16"	4' 7 7/8"	2' 11 5/16"	5' 2 1/8"	2' 8 3/8"	6' 1 13/16"
3' 6"	2' 11 5/8"	4' 3 5/16"	2' 9 3/8"	4' 8 1/2"	2' 6 13/16"	5' 6"
3' 3"	2' 9 3/8"	3' 10 7/8"	2' 7 1/2"	4' 3 3/16"	2' 5 3/16"	4' 10 13/16"
3'	2' 7 3/16"	3' 6 5/8"	2' 5 1/2"	3' 10"	2' 3 1/2"	4' 4 1/8"
2' 9"	2' 4 7/8"	3' 2 3/8"	2' 3 1/2"	3' 5 3/16"	2' 1 11/16"	3' 10"
2' 6"	2' 2 5/8"	2' 10 3/8"	2' 1 3/8"	3'	1' 11 7/8"	3' 4 5/16"
2' 3"	2'	2' 6 1/2"	1' 11 5/16"	2' 8 3/16"	1' 10"	2' 10 15/16"
2'	1' 9 13/16"	2' 2 11/16"	1' 9"	2' 4"	1' 8"	2' 6 1/8"
23"	1' 9"	2' 1 3/8"	1' 8 3/16"	2' 2 5/8"	1' 7 5/16"	2' 4 1/2"
22"	1' 8 3/16"	2'	1' 7 1/2"	2' 1 5/16"	1' 6 5/8"	2' 3"
21"	1' 7 5/16"	1' 11"	1' 6 11/16"	1' 11 7/8"	1' 5 7/8"	2' 1 3/8"
20"	1' 6 1/2"	1' 9 13/16"	1' 5 7/8"	1' 10 11/16"	1' 5 3/16"	2'
19"	1' 5 5/8"	1' 8 5/8"	1' 5 1/8"	1' 9 3/8"	1' 4 3/8"	1' 10 1/2"
18"	1' 4 13/16"	1' 7 3/8"	1' 4 5/16"	1' 8 1/8"	1' 3 11/16"	1' 9 1/8"
17"	1' 3 7/8"	1' 6 5/16"	1' 3 1/2"	1' 6 7/8"	1' 2 7/8"	1' 7 11/16"



AATMA 50mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	215' 3 1/2"	INF	163' 8 3/5"	INF	115' 9 1/5"	INF
50'	40' 7 1/2"	65' 1/9"	38' 4 1/5"	71' 9 4/5"	34' 11 3/5"	87' 8 2/5"
30'	26' 4 1/3"	34' 9 2/3"	25' 4 3/5"	36' 8"	23' 10 1/3"	40' 4 4/5"
20'	18' 3 4/5"	22' 1/3"	17' 10"	22' 9"	17' 1"	24' 1 1/2"
15'	14' 2/5"	16' 1 1/3"	13' 9"	16' 6"	13' 3 3/5"	17' 2 2/5"
12'	11' 4 1/2"	12' 8 2/5"	11' 2 1/3"	12' 11 1/5"	10' 10 2/3"	13' 4 2/5"
10'	9' 6 4/5"	10' 5 5/7"	9' 5 1/5"	10' 7 5/7"	9' 2 3/5"	10' 11"
9'	8' 7 5/7"	9' 4 3/5"	8' 6 1/2"	9' 6"	8' 4 2/7"	9' 9"
8'	7' 8 3/5"	8' 3 3/5"	7' 7 3/5"	8' 4 4/5"	7' 6"	8' 7"
7'	6' 9 2/5"	7' 2 4/5"	6' 8 5/7"	7' 3 5/7"	6' 7 2/7"	7' 5 2/7"
6' 6"	6' 3 4/5"	6' 8 2/5"	6' 3"	6' 9"	6' 2"	6' 10 1/2"
6'	5' 10"	6' 2"	5' 9 1/2"	6' 2 5/7"	5' 8 3/5"	6' 3 4/5"
5' 6"	5' 4 2/5"	5' 7 5/7"	5' 3 8/9"	5' 8 1/5"	5' 3 1/9"	5' 9 1/5"
5'	4' 10 5/7"	5' 1 2/5"	4' 10 2/7"	5' 1 4/5"	4' 9 3/5"	5' 2 3/5"
4' 9"	4' 7 4/5"	4' 10 1/5"	4' 7 1/2"	4' 10 3/5"	4' 6 4/5"	4' 11 2/5"
4' 6"	4' 5"	4' 7 1/9"	4' 4 3/5"	4' 7 1/2"	4' 4 1/9"	4' 8 1/9"
4' 3"	4' 2"	4' 4"	4' 1 5/7"	4' 4 2/7"	4' 1 1/5"	4' 4 4/5"
4'	3' 11 1/5"	4' 8/9"	3' 10 8/9"	4' 1 1/9"	3' 10 1/2"	4' 1 3/5"
3' 9"	3' 8 2/7"	3' 9 4/5"	3' 8"	3' 10"	3' 7 3/5"	3' 10 2/5"
3' 6"	3' 5 2/5"	3' 6 5/7"	3' 5 1/5"	3' 6 8/9"	3' 4 4/5"	3' 7 2/7"
3' 3"	3' 2 1/2"	3' 3 3/5"	3' 2 2/7"	3' 3 4/5"	3' 2"	3' 4 1/9"
3'	2' 11 1/2"	3' 1/2"	2' 11 2/5"	3' 3/5"	2' 11 1/9"	3' 8/9"
2' 9"	2' 8 3/5"	2' 9 2/5"	2' 8 1/2"	2' 9 1/2"	2' 8 2/7"	2' 9 5/7"
2' 6"	2' 5 2/3"	2' 6 1/3"	2' 5 3/5"	2' 6 2/5"	2' 5 2/5"	2' 6 3/5"
2' 3"	2' 2 2/3"	2' 3 1/3"	2' 2 2/3"	2' 3 2/5"	2' 2 1/2"	2' 3 1/2"
2'	1' 11 4/5"	2' 1/5"	1' 11 2/3"	2' 1/3"	1' 11 3/5"	2' 2/5"
23"	1' 10 4/5"	1' 11 1/5"	1' 10 2/3"	1' 11 1/5"	1' 10 3/5"	1' 11 1/3"
22"	1' 9 4/5"	1' 10 1/5"	1' 9 4/5"	1' 10 1/5"	1' 9 2/3"	1' 10 1/3"
21"	1' 8 4/5"	1' 9 1/9"	1' 8 4/5"	1' 9 1/5"	1' 8 2/3"	1' 9 1/3"
20"	1' 7 8/9"	1' 8 1/9"	1' 7 4/5"	1' 8 1/5"	1' 7 2/3"	1' 8 1/3"
19"	1' 6 8/9"	1' 7 1/9"	1' 6 8/9"	1' 7 1/5"	1' 6 4/5"	1' 7 1/3"
18"	1' 5 8/9"	1' 6 1/9"	1' 5 4/5"	1' 6 1/9"	1' 5 4/5"	1' 6 1/5"



AATMA 50mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	81' 11 2/7"	INF	57' 11 1/9"	INF	40' 11 8/9"	INF
50'	31' 1 1/5"	127' 5"	26' 10 3/5"	356' 6 1/5"	22' 6 8/9"	INF
30'	22' 0"	47' 1 4/5"	19' 9 2/3"	61' 9 4/5"	17' 4 2/5"	110' 1 1/5"
20'	16' 1 1/3"	26' 4 3/5"	14' 10 4/5"	30' 4 8/9"	13' 5 4/5"	38' 8 4/5"
15'	12' 8 2/5"	18' 3 2/3"	11' 11 1/3"	20' 2"	11' 1/5"	23' 6"
12'	10' 6"	14' 1/3"	9' 11 3/5"	15' 1"	9' 3 4/5"	16' 10 1/2"
10'	8' 11 1/5"	11' 4 2/5"	8' 6 3/5"	12' 1/2"	8' 4/5"	13' 2"
9'	8' 1 1/2"	10' 1"	7' 9 5/7"	10' 7 2/5"	7' 5"	11' 5 3/5"
8'	7' 3 3/5"	8' 10"	7' 3/5"	9' 3"	6' 8 3/5"	9' 10 5/7"
7'	6' 5 3/5"	7' 7 5/7"	6' 3 1/5"	7' 11 2/7"	6' 0"	8' 4 4/5"
6' 6"	6' 2/5"	7' 1/2"	5' 10 2/7"	7' 3 3/5"	5' 7 3/5"	7' 8 1/5"
6'	5' 7 1/5"	6' 5 1/2"	5' 5 2/5"	6' 8"	5' 3"	7' 0"
5' 6"	5' 2"	5' 10 3/5"	5' 2/5"	6' 5/7"	4' 10 2/5"	6' 4"
5'	4' 8 5/7"	5' 3 4/5"	4' 7 2/5"	5' 5 1/2"	4' 5 5/7"	5' 8"
4' 9"	4' 6"	5' 2/5"	4' 4 4/5"	5' 1 8/9"	4' 3 2/7"	5' 4 1/5"
4' 6"	4' 3 2/7"	4' 9"	4' 2 2/7"	4' 10 2/5"	4' 4/5"	5' 2/5"
4' 3"	4' 3/5"	4' 5 5/7"	3' 11 3/5"	4' 6 4/5"	3' 10 2/5"	4' 8 3/5"
4'	3' 9 4/5"	4' 2 2/7"	3' 9"	4' 3 2/5"	3' 7 8/9"	4' 4 8/9"
3' 9"	3' 7 1/9"	3' 11 1/9"	3' 6 2/5"	4' 0"	3' 5 2/5"	4' 1 2/7"
3' 6"	3' 4 2/5"	3' 7 4/5"	3' 3 5/7"	3' 8 3/5"	3' 2 4/5"	3' 9 5/7"
3' 3"	3' 1 3/5"	3' 4 1/2"	3' 1"	3' 5 1/5"	3' 2/7"	3' 6 1/5"
3'	2' 10 4/5"	3' 1 2/7"	2' 10 2/7"	3' 1 4/5"	2' 9 5/7"	3' 2 5/7"
2' 9"	2' 8"	2' 10 1/9"	2' 7 3/5"	2' 10 1/2"	2' 7"	2' 11 1/5"
2' 6"	2' 5 1/5"	2' 6 8/9"	2' 4 4/5"	2' 7 1/3"	2' 4 2/5"	2' 7 4/5"
2' 3"	2' 2 1/3"	2' 3 2/3"	2' 2 1/9"	2' 4"	2' 1 2/3"	2' 4 1/2"
2'	1' 11 1/2"	2' 3/5"	1' 11 1/3"	2' 4/5"	1' 11"	2' 1 1/9"
23"	1' 10 1/2"	1' 11 1/2"	1' 10 1/3"	1' 11 2/3"	1' 10 1/9"	2' 0"
22"	1' 9 3/5"	1' 10 1/2"	1' 9 2/5"	1' 10 2/3"	1' 9 1/9"	1' 10 8/9"
21"	1' 8 3/5"	1' 9 2/5"	1' 8 2/5"	1' 9 3/5"	1' 8 1/5"	1' 9 4/5"
20"	1' 7 3/5"	1' 8 2/5"	1' 7 1/2"	1' 8 1/2"	1' 7 1/3"	1' 8 4/5"
19"	1' 6 2/3"	1' 7 2/5"	1' 6 3/5"	1' 7 1/2"	1' 6 2/5"	1' 7 2/3"
18"	1' 5 2/3"	1' 6 1/3"	1' 5 3/5"	1' 6 2/5"	1' 5 2/5"	1' 6 3/5"



AATMA 50mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	29' 0"	INF	20' 6"	INF	14' 6"	INF
50'	18' 4 4/5"	INF	14' 7"	INF	11' 3 1/5"	INF
30'	14' 9 1/2"	INF	12' 2 3/5"	INF	9' 9 5/7"	INF
20'	11' 10 1/2"	63' 3"	10' 2"	612' 9"	8' 5 2/7"	INF
15'	9' 11"	30' 8 2/5"	8' 8 2/5"	54' 3"	7' 5"	INF
12'	8' 6 2/7"	20' 3 1/3"	7' 7 2/7"	28' 4 2/3"	6' 7 2/7"	65' 4 4/5"
10'	7' 5 3/5"	15' 1 3/5"	6' 9"	19' 2 3/5"	5' 11 1/2"	31' 1 1/5"
9'	6' 10 4/5"	12' 11 1/3"	6' 3 1/2"	15' 9 4/5"	5' 7"	23' 1/2"
8'	6' 3 3/5"	10' 11 1/2"	5' 9 2/5"	12' 11 1/3"	5' 2 2/7"	17' 4 4/5"
7'	5' 8"	9' 2"	5' 3"	10' 6"	4' 9 1/9"	13' 3"
6' 6"	5' 4"	8' 3 4/5"	4' 11 3/5"	9' 5"	4' 6 2/7"	11' 6 1/2"
6'	4' 11 8/9"	7' 6"	4' 8 1/9"	8' 4 5/7"	4' 3 2/7"	10' 1/2"
5' 6"	4' 7 5/7"	6' 9"	4' 4 2/5"	7' 5 1/5"	4' 1/5"	8' 8 2/5"
5'	4' 3 2/5"	6' 0"	4' 1/2"	6' 6 1/2"	3' 9"	7' 6"
4' 9"	4' 1 1/5"	5' 7 5/7"	3' 10 3/5"	6' 1 2/5"	3' 7 2/7"	6' 11 2/5"
4' 6"	3' 11"	5' 3 1/2"	3' 8 3/5"	5' 8 1/2"	3' 5 3/5"	6' 5"
4' 3"	3' 8 5/7"	4' 11 2/7"	3' 6 1/2"	5' 3 5/7"	3' 3 4/5"	5' 11"
4'	3' 6 2/5"	4' 7 2/7"	3' 4 2/5"	4' 11"	3' 2"	5' 5 2/7"
3' 9"	3' 4"	4' 3 2/7"	3' 2 2/7"	4' 6 1/2"	3' 1/9"	4' 11 4/5"
3' 6"	3' 1 5/7"	3' 11 1/2"	3' 1/9"	4' 2 1/5"	2' 10 1/9"	4' 6 3/5"
3' 3"	2' 11 2/7"	3' 7 5/7"	2' 9 8/9"	3' 9 8/9"	2' 8 1/5"	4' 1 3/5"
3'	2' 8 4/5"	3' 3 8/9"	2' 7 3/5"	3' 5 4/5"	2' 6 1/9"	3' 8 5/7"
2' 9"	2' 6 1/3"	3' 1/5"	2' 5 1/3"	3' 1 4/5"	2' 4"	3' 4 1/5"
2' 6"	2' 3 4/5"	2' 8 3/5"	2' 2 8/9"	2' 9 8/9"	2' 1 4/5"	2' 11 4/5"
2' 3"	2' 1 1/5"	2' 5 1/9"	2' 1/2"	2' 6 1/9"	1' 11 3/5"	2' 7 1/2"
2'	1' 10 3/5"	2' 1 3/5"	1' 10"	2' 2 2/5"	1' 9 1/3"	2' 3 1/2"
23"	1' 9 2/3"	2' 1/2"	1' 9 1/5"	2' 1 1/9"	1' 8 1/2"	2' 2 1/5"
22"	1' 8 4/5"	1' 11 2/5"	1' 8 2/5"	2' 0"	1' 7 2/3"	2' 8/9"
21"	1' 7 8/9"	1' 10 1/5"	1' 7 1/2"	1' 10 2/3"	1' 6 8/9"	1' 11 3/5"
20"	1' 7"	1' 9 1/9"	1' 6 3/5"	1' 9 3/5"	1' 6 1/9"	1' 10 1/3"
19"	1' 6 1/9"	1' 8"	1' 5 4/5"	1' 8 2/5"	1' 5 1/3"	1' 9 1/9"
18"	1' 5 1/5"	1' 6 8/9"	1' 4 8/9"	1' 7 1/5"	1' 4 1/2"	1' 7 4/5"



AATMA 65mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	363' 2 2/7"	INF	276' 3 5/7"	INF	195' 5 3/5"	INF
100'	78' 6 1/5"	137' 7 8/9"	73' 6 2/5"	156' 2 4/5"	66' 3 1/9"	203' 9 3/5"
50'	43' 12"	57' 10 4/5"	42' 4 2/3"	60' 11 2/7"	39' 10 2/5"	67' 2/5"
30'	27' 8 4/5"	32' 8"	27' 1 1/9"	33' 7 1/3"	26' 1/2"	35' 4 1/2"
25'	23' 4 8/9"	26' 9 8/9"	22' 11 2/5"	27' 5 1/2"	22' 2 2/7"	28' 7 1/2"
20'	18' 11 2/3"	21' 1 4/5"	18' 8"	21' 6 2/5"	18' 2"	22' 3"
15'	14' 5"	15' 7 3/5"	14' 3"	15' 10 1/9"	13' 11 2/5"	16' 2 2/3"
12'	11' 7 1/2"	12' 4 4/5"	11' 6"	12' 6 2/5"	11' 3 4/5"	12' 9 1/5"
10'	9' 9"	10' 3 1/3"	9' 7 8/9"	10' 4 2/5"	9' 6 1/3"	10' 6 1/3"
9'	8' 9 1/2"	9' 2 2/3"	8' 8 2/3"	9' 3 1/2"	8' 7 2/5"	9' 5"
8'	7' 10"	8' 2"	7' 9 2/5"	8' 2 4/5"	7' 8 2/7"	8' 4"
7' 6"	7' 4 1/5"	7' 7 4/5"	7' 3 5/7"	7' 8 2/5"	7' 2 4/5"	7' 9 1/2"
7'	6' 10 1/2"	7' 1 3/5"	6' 10"	7' 2"	6' 9 1/5"	7' 3"
6' 6"	6' 4 2/3"	6' 7 2/5"	6' 4 1/3"	6' 7 4/5"	6' 3 3/5"	6' 8 3/5"
6'	5' 11"	6' 1 1/5"	5' 10 1/2"	6' 1 1/2"	5' 10"	6' 2 1/5"
5' 6"	5' 5"	5' 7"	5' 4 2/3"	5' 7 1/3"	5' 4 1/3"	5' 7 4/5"
5'	4' 11 1/5"	5' 4/5"	4' 11"	5' 1 1/9"	4' 10 3/5"	5' 1 1/2"
4' 9"	4' 8 2/7"	4' 9 5/7"	4' 8"	4' 10"	4' 7 2/3"	4' 10 2/5"
4' 6"	4' 5 2/5"	4' 6 5/7"	4' 5 1/5"	4' 7"	4' 4 8/9"	4' 7 1/5"
4' 3"	4' 2 2/5"	4' 3 3/5"	4' 2 2/7"	4' 3 5/7"	4' 2"	4' 4 1/9"
4'	3' 11 1/2"	4' 1/2"	3' 11 2/7"	4' 5/7"	3' 11 1/9"	4' 1"
3' 9"	3' 8 3/5"	3' 9 2/5"	3' 8 2/5"	3' 9 3/5"	3' 8 1/5"	3' 9 4/5"
3' 6"	3' 5 3/5"	3' 6 2/5"	3' 5 1/2"	3' 6 1/2"	3' 5 2/7"	3' 6 5/7"
3' 3"	3' 2 5/7"	3' 3 2/7"	3' 2 3/5"	3' 3 2/5"	3' 2 2/5"	3' 3 3/5"
3'	2' 11 5/7"	3' 2/7"	2' 11 3/5"	3' 2/7"	2' 11 1/2"	3' 1/2"
2' 9"	2' 8 4/5"	2' 9 1/5"	2' 8 5/7"	2' 9 2/7"	2' 8 3/5"	2' 9 2/5"
2' 6"	2' 5 4/5"	2' 6 1/5"	2' 5 4/5"	2' 6 1/5"	2' 5 5/7"	2' 6 2/5"
2' 3"	2' 3"	2' 3 1/5"	2' 2 4/5"	2' 3 1/5"	2' 5/7"	2' 3 2/7"
2'	1' 11 8/9"	2'	1' 11 8/9"	2' 1/5"	1' 11 4/5"	2' 1/5"



AATMA 65mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	138' 4 3/5"	INF	97' 10 1/5"	INF	69' 3"	INF
100'	58' 1 5/7"	356' 11 8/9"	49' 6 1/2"	INF	40' 12"	INF
50'	36' 9 2/5"	78' 2/7"	33' 1 4/5"	101' 8"	29' 1 1/5"	177' 6 1/3"
30'	24' 8 2/7"	38' 2 1/2"	23' 1/9"	43' 1 2/7"	20' 11 4/5"	52' 7 2/7"
25'	21' 2 1/2"	30' 5 2/7"	19' 11 2/5"	33' 5 3/5"	18' 5"	38' 11"
20'	17' 6"	23' 4"	16' 7 2/3"	25' 5/7"	15' 6 2/3"	27' 11 8/9"
15'	13' 6 3/5"	16' 9 1/2"	13' 2/5"	17' 8"	12' 4 1/3"	19' 4/5"
12'	11' 2/3"	13' 1 2/5"	10' 8 1/2"	13' 7 2/3"	10' 3"	14' 5 1/2"
10'	9' 4 1/9"	10' 9"	9' 1 1/9"	11' 1 1/3"	8' 9 1/5"	11' 7 2/3"
9'	8' 5 3/5"	9' 7 2/7"	8' 3"	9' 10 3/5"	7' 11 4/5"	10' 3 5/7"
8'	7' 7"	8' 5 2/3"	7' 5"	8' 8 2/7"	7' 2 2/7"	9'
7' 6"	7' 1 1/2"	7' 11"	6' 11 4/5"	8' 1 1/5"	6' 9 2/5"	8' 4 3/5"
7'	6' 8"	7' 4 1/3"	6' 6 3/5"	7' 6 2/7"	6' 4 1/2"	7' 9"
6' 6"	6' 2 3/5"	6' 9 5/7"	6' 1 1/3"	6' 11 2/7"	5' 11 1/2"	7' 1 4/5"
6'	5' 9"	6' 3"	5' 8"	6' 4 1/2"	5' 6 1/2"	6' 6 3/5"
5' 6"	5' 3 3/5"	5' 8 3/5"	5' 2 3/5"	5' 9 5/7"	5' 1 1/3"	5' 11 2/5"
5'	4' 10"	5' 2"	4' 9 1/5"	5' 3 1/9"	4' 8"	5' 4 1/2"
4' 9"	4' 7 1/5"	4' 10 8/9"	4' 6 1/2"	4' 11 4/5"	4' 5 1/2"	5' 1"
4' 6"	4' 4 2/5"	4' 7 2/3"	4' 4/5"	4' 8 1/2"	4' 2 8/9"	4' 9 3/5"
4' 3"	4' 1 1/2"	4' 4 1/2"	4' 1"	4' 5 1/5"	4' 1/5"	4' 6 1/9"
4'	3' 10 5/7"	4' 1 1/3"	3' 10 1/5"	4' 1 8/9"	3' 9 1/2"	4' 2 4/5"
3' 9"	3' 7 8/9"	3' 10 1/5"	3' 7 2/5"	3' 10 5/7"	3' 6 4/5"	3' 11 2/5"
3' 6"	3' 5"	3' 7"	3' 4 3/5"	3' 7 1/2"	3' 4 1/9"	3' 8 1/9"
3' 3"	3' 2 1/5"	3' 3 8/9"	3' 1 4/5"	3' 4 2/7"	3' 1 2/5"	3' 4 4/5"
3'	2' 11 2/7"	3' 5/7"	2' 11"	3' 1"	2' 10 3/5"	3' 1 1/2"
2' 9"	2' 8 2/5"	2' 9 3/5"	2' 8 1/5"	2' 9 8/9"	2' 7 4/5"	2' 10 1/5"
2' 6"	2' 5 1/2"	2' 6 1/2"	2' 5 1/3"	2' 6 2/3"	2' 5"	2' 7"
2' 3"	2' 2 3/5"	2' 3 2/5"	2' 2 1/2"	2' 3 3/5"	2' 2 1/5"	2' 3 4/5"
2'	1' 11 2/3"	2' 2/7"	1' 11 3/5"	2' 1/2"	1' 11 2/5"	2' 2/3"



AATMA 65mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	48' 12"	INF	34' 7 2/3"	INF	24' 5 8/9"	INF
100'	32' 11 1/3"	INF	25' 9 1/3"	INF	19' 8 3/5"	INF
50'	24' 9 5/7"	INF	20' 6 1/5"	INF	16' 6"	INF
30'	18' 8"	76' 5 2/5"	16' 1 3/5"	213' 7 1/5"	13' 6 1/2"	INF
25'	16' 7 1/3"	50' 6 4/5"	14' 7"	87' 9 3/5"	12' 5"	INF
20'	14' 3"	33' 6 2/5"	12' 8 4/5"	46' 7 2/5"	11' 4/5"	103' 11 2/7"
15'	11' 6 1/3"	21' 5 2/3"	10' 6 1/5"	26' 2"	9' 4 2/7"	37' 10"
12'	9' 8"	15' 9 3/5"	8' 11 1/2"	18' 2 2/7"	8' 1 1/5"	23' 1 3/5"
10'	8' 4"	12' 6"	7' 9 3/5"	13' 11 1/5"	7' 1 2/3"	16' 7 4/5"
9'	7' 7 3/5"	10' 11 3/5"	7' 2"	12' 2/3"	6' 7 1/2"	14' 2/5"
8'	6' 10 4/5"	9' 6"	6' 6 2/5"	10' 3 4/5"	6' 4/5"	11' 8 2/3"
7' 6"	6' 6 2/5"	8' 9 5/7"	6' 2 2/5"	9' 6"	5' 9 2/5"	10' 8"
7'	6' 1 4/5"	8' 1 1/2"	5' 10 1/3"	8' 8 1/2"	5' 5 4/5"	9' 8 1/5"
6' 6"	5' 9"	7' 5 1/2"	5' 6"	7' 11 2/7"	5' 2"	8' 9"
6'	5' 4 2/5"	6' 9 3/5"	5' 1 2/3"	7' 2 2/5"	4' 10 1/5"	7' 10 1/3"
5' 6"	4' 11 3/5"	6' 2"	4' 9 2/7"	6' 6"	4' 6 2/7"	7'
5'	4' 6 5/7"	5' 6 1/2"	4' 4 2/3"	5' 9 3/5"	4' 2 1/5"	6' 2 3/5"
4' 9"	4' 4 1/5"	5' 2 4/5"	4' 2 2/5"	5' 5 3/5"	4' 1/9"	5' 10"
4' 6"	4' 1 2/3"	4' 11 1/5"	4' 1/9"	5' 1 3/5"	3' 10"	5' 5 1/2"
4' 3"	3' 11 1/9"	4' 7 3/5"	3' 9 5/7"	4' 9 5/7"	3' 7 4/5"	5' 1"
4'	3' 8 3/5"	4' 4"	3' 7 2/7"	4' 5 8/9"	3' 5 3/5"	4' 8 4/5"
3' 9"	3' 6"	4' 1/2"	3' 4 4/5"	4' 2"	3' 3 2/7"	4' 4 3/5"
3' 6"	3' 3 2/5"	3' 9"	3' 2 2/5"	3' 10 2/5"	3' 1"	4' 1/2"
3' 3"	3' 5/7"	3' 5 3/5"	2' 12"	3' 6 4/5"	2' 10 5/7"	3' 8 1/2"
3'	2' 10"	3' 2 1/5"	2' 9 2/7"	3' 3"	2' 8 2/7"	3' 4 3/5"
2' 9"	2' 7 2/5"	2' 10 4/5"	2' 6 2/3"	2' 11 3/5"	2' 6"	3' 4/5"
2' 6"	2' 4 2/3"	2' 7 1/2"	2' 4 1/9"	2' 8 1/9"	2' 3 2/5"	2' 9"
2' 3"	2' 1 8/9"	2' 4 1/5"	2' 1 1/2"	2' 4 2/3"	2' 8/9"	2' 5 1/2"
2'	1' 11 1/5"	2' 8/9"	1' 10 4/5"	2' 1 1/3"	1' 10 2/5"	2' 1 8/9"



AATMA 85mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	619' 1 8/9"	INF	471' 4 4/5"	INF	333' 8 2/5"	INF
100'	86' 2 3/5"	119' 2/7"	82' 7 1/2"	126' 7 5/7"	77' 4/5"	142' 4 1/2"
50'	46' 3 5/7"	54' 4"	45' 3"	55' 10 2/7"	43' 6 1/2"	58' 8 3/5"
40'	37' 7 1/3"	42' 8 3/5"	36' 10 8/9"	43' 7 8/9"	35' 9 1/9"	45' 4 3/5"
30'	28' 7 3/5"	31' 6"	28' 2 4/5"	32' 1/9"	27' 6 2/3"	32' 11"
25'	24' 3/5"	26' 2/5"	23' 9 1/9"	26' 4 1/2"	23' 3 2/5"	26' 11 8/9"
20'	19' 4 3/5"	20' 7 4/5"	19' 2 2/5"	20' 10 2/5"	18' 10 2/3"	21' 3"
18'	17' 6"	18' 6 1/3"	17' 4 1/5"	18' 8 2/5"	17' 1"	19' 0"
16'	15' 7 1/3"	16' 5"	15' 5 4/5"	16' 6 3/5"	15' 3 2/5"	16' 9 1/2"
14'	13' 8 2/5"	14' 3 4/5"	13' 7 1/3"	14' 5"	13' 5 2/5"	14' 7 1/5"
12'	11' 9 2/5"	12' 2 4/5"	11' 8 1/2"	12' 3 2/3"	11' 7"	12' 5 1/5"
11'	10' 9 4/5"	11' 2 1/3"	10' 9"	11' 3"	10' 7 8/9"	11' 4 2/5"
10'	9' 10 1/5"	10' 2"	9' 9 3/5"	10' 2 1/2"	9' 8 3/5"	10' 3 3/5"
9'	8' 10 1/2"	9' 1 1/2"	8' 10"	9' 2"	8' 9 2/7"	9' 3"
8' 6"	8' 4 5/7"	8' 7 2/5"	8' 4 2/7"	8' 7 4/5"	8' 3 3/5"	8' 8 3/5"
8'	7' 10 4/5"	8' 1 1/5"	7' 10 2/5"	8' 1 3/5"	7' 9 4/5"	8' 2 1/5"
7' 6"	7' 5"	7' 7"	7' 4 3/5"	7' 7 2/5"	7' 4"	7' 8"
7'	6' 11"	7' 1"	6' 10 4/5"	7' 1 1/5"	6' 10 2/5"	7' 1 5/7"
6' 6"	6' 5 1/5"	6' 6 4/5"	6' 5"	6' 7"	6' 4 3/5"	6' 7 1/2"
6'	5' 11 2/5"	6' 5/7"	5' 11"	6' 1"	5' 10 4/5"	6' 1 2/7"
5' 9"	5' 8 2/5"	5' 9 3/5"	5' 8 1/5"	5' 9 4/5"	5' 8"	5' 10 1/5"
5' 6"	5' 5 2/5"	5' 6 1/2"	5' 5 2/7"	5' 6 5/7"	5' 5"	5' 7"
5' 3"	5' 2 1/2"	5' 3 1/2"	5' 2 2/7"	5' 3 5/7"	5' 2 1/9"	5' 3 8/9"
5'	4' 11 1/2"	5' 1/2"	4' 11 2/5"	5' 3/5"	4' 11 1/5"	5' 8/9"
4' 9"	4' 8 3/5"	4' 9 2/5"	4' 8 1/2"	4' 9 3/5"	4' 8 2/7"	4' 9 4/5"
4' 6"	4' 5 5/7"	4' 6 2/5"	4' 5 1/2"	4' 6 1/2"	4' 5 2/7"	4' 6 5/7"
4' 3"	4' 2 5/7"	4' 3 2/7"	4' 2 3/5"	4' 3 2/5"	4' 2 2/5"	4' 3 3/5"
4'	3' 11 5/7"	4' 2/7"	3' 11 3/5"	4' 2/5"	3' 11 1/2"	4' 1/2"
3' 9"	3' 8 4/5"	3' 9 2/7"	3' 8 5/7"	3' 9 2/7"	3' 8 1/2"	3' 9 1/2"
3' 6"	3' 5 4/5"	3' 6 1/5"	3' 5 5/7"	3' 6 2/7"	3' 5 3/5"	3' 6 2/5"
3' 3"	3' 2 4/5"	3' 3 1/5"	3' 2 4/5"	3' 3 2/7"	3' 2 5/7"	3' 3 2/5"
3'	2' 11 4/5"	3' 1/9"	2' 11 4/5"	3' 1/5"	2' 11 5/7"	3' 2/7"
2' 9"	2' 8 8/9"	2' 9 1/9"	2' 8 4/5"	2' 9 1/5"	2' 8 4/5"	2' 9 1/5"



AATMA 85mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	236' 4 2/5"	INF	167' 2 1/5"	INF	118' 4 1/5"	INF
100'	70' 4 5/7"	172' 7 2/5"	62' 8 1/5"	247' 1"	54' 3 5/7"	630' 5 2/5"
50'	41' 4"	63' 3 2/7"	38' 6 2/3"	71' 1 2/7"	35' 2 2/3"	86' 1 3/5"
40'	34' 3 1/9"	48' 3/5"	32' 4"	52' 5 1/5"	29' 11 1/2"	60' 2"
30'	26' 7 8/9"	34' 3 3/5"	25' 5 4/5"	36' 5 3/5"	23' 11 4/5"	40' 1/2"
25'	22' 7 2/3"	27' 10 8/9"	21' 9 2/5"	29' 3 8/9"	20' 8 1/5"	31' 7 1/9"
20'	18' 5 3/5"	21' 9 4/5"	17' 10 2/3"	22' 8"	17' 1 4/5"	23' 11 8/9"
18'	16' 9"	19' 5 2/5"	16' 3 1/3"	20' 1 1/2"	15' 8"	21' 2"
16'	15' 0"	17' 1 3/5"	14' 7 1/2"	17' 8"	14' 1 1/2"	18' 5 2/5"
14'	13' 2 4/5"	14' 10 1/3"	12' 11 1/3"	15' 3"	12' 6 3/5"	15' 10"
12'	11' 5 1/5"	12' 7 1/2"	11' 2 3/5"	12' 11"	10' 11"	13' 3 4/5"
11'	10' 6 1/3"	11' 6 1/3"	10' 4 1/9"	11' 9"	10' 1 1/9"	12' 1 1/9"
10'	9' 7 2/7"	10' 5"	9' 5 2/5"	10' 7 2/5"	9' 3"	10' 10 2/3"
9'	8' 8 1/5"	9' 4"	8' 6 3/5"	9' 6"	8' 4 3/5"	9' 8 3/5"
8' 6"	8' 2 3/5"	8' 9 5/7"	8' 1 1/5"	8' 11 2/7"	7' 11 2/5"	9' 1 3/5"
8'	7' 9"	8' 3 1/5"	7' 7 4/5"	8' 4 3/5"	7' 6"	8' 6 5/7"
7' 6"	7' 3 2/7"	7' 8 4/5"	7' 2 2/7"	7' 10"	7' 4/5"	7' 11 4/5"
7'	6' 9 5/7"	7' 2 1/2"	6' 8 4/5"	7' 3 1/2"	6' 7 1/2"	7' 5"
6' 6"	6' 4"	6' 8"	6' 3 1/5"	6' 9"	6' 2"	6' 10 2/7"
6'	5' 10 2/7"	6' 1 4/5"	5' 9 3/5"	6' 2 3/5"	5' 8 5/7"	6' 3 5/7"
5' 9"	5' 7 1/2"	5' 10 3/5"	5' 6 4/5"	5' 11 2/7"	5' 6"	6' 2/5"
5' 6"	5' 4 3/5"	5' 7 1/2"	5' 4"	5' 8"	5' 3 1/5"	5' 9"
5' 3"	5' 1 5/7"	5' 4 2/7"	5' 1 1/5"	5' 5"	5' 1/2"	5' 5 5/7"
5'	4' 10 4/5"	5' 1 1/5"	4' 10 2/5"	5' 1 5/7"	4' 9 5/7"	5' 2 1/2"
4' 9"	4' 8"	4' 10 1/9"	4' 7 1/2"	4' 10 3/5"	4' 6 8/9"	4' 11 1/5"
4' 6"	4' 5 1/9"	4' 7"	4' 4 5/7"	4' 7 2/5"	4' 4 1/5"	4' 8"
4' 3"	4' 2 1/9"	4' 3 8/9"	4' 1 4/5"	4' 4 1/5"	4' 1 2/7"	4' 4 4/5"
4'	3' 11 2/7"	4' 4/5"	3' 10 8/9"	4' 1 1/9"	3' 10 1/2"	4' 1 1/2"
3' 9"	3' 8 2/5"	3' 9 5/7"	3' 8 1/9"	3' 10"	3' 7 5/7"	3' 10 2/5"
3' 6"	3' 5 2/5"	3' 6 3/5"	3' 5 1/5"	3' 6 4/5"	3' 4 8/9"	3' 7 1/5"
3' 3"	3' 2 1/2"	3' 3 1/2"	3' 2 2/7"	3' 3 5/7"	3' 2 1/9"	3' 4"
3'	2' 11 3/5"	3' 2/5"	2' 11 2/5"	3' 3/5"	2' 11 1/5"	3' 4/5"
2' 9"	2' 8 5/7"	2' 9 2/7"	2' 8 1/2"	2' 9 1/2"	2' 8 2/7"	2' 9 5/7"



AATMA 85mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	83' 9"	INF	59' 2 3/5"	INF	41' 10 1/2"	INF
100'	45' 8 1/9"	INF	37' 3 1/3"	INF	29' 7"	INF
50'	31' 4 3/5"	122' 10 1/2"	27' 2 1/3"	310' 7 2/5"	22' 10 2/5"	INF
40'	27' 1 2/3"	76' 1/5"	23' 11 2/5"	121' 3 4/5"	20' 6 2/5"	769' 8 3/5"
30'	22' 1 4/5"	46' 5 5/7"	19' 11 4/5"	60' 2 1/5"	17' 6 3/5"	103' 2 3/5"
25'	19' 3 2/3"	35' 5 1/2"	17' 7 2/3"	42' 10 5/7"	15' 8 2/3"	60' 11 4/5"
20'	16' 2 1/3"	26' 1 4/5"	15' 0"	29' 11 2/3"	13' 7 1/5"	37' 9 2/5"
18'	14' 10 1/3"	22' 9 8/9"	13' 10 1/3"	25' 8 1/9"	12' 7 4/5"	31' 2 1/3"
16'	13' 5 2/3"	19' 8 1/3"	12' 7 2/3"	21' 9 1/3"	11' 7 3/5"	25' 7 1/3"
14'	12' 2/5"	16' 9"	11' 4 2/5"	18' 2 3/5"	10' 6 3/5"	20' 9 4/5"
12'	10' 6 2/7"	13' 11 2/5"	10' 1/5"	14' 11 1/2"	9' 4 1/2"	16' 8"
11'	9' 9"	12' 7 2/5"	9' 3 4/5"	13' 5 1/5"	8' 9"	14' 9 2/5"
10'	8' 11 1/2"	11' 3 2/3"	8' 7"	11' 11 1/2"	8' 1 2/5"	13' 1/3"
9'	8' 1 4/5"	10' 1/2"	7' 10"	10' 6 3/5"	7' 5 2/5"	11' 4 2/5"
8' 6"	7' 9"	9' 5"	7' 5 3/5"	9' 10 2/5"	7' 1 2/7"	10' 7"
8'	7' 4"	8' 9 5/7"	7' 1"	9' 2 2/5"	6' 9"	9' 9 5/7"
7' 6"	6' 11"	8' 2 1/2"	6' 8 1/5"	8' 6 1/2"	6' 4 4/5"	9' 5/7"
7'	6' 5 4/5"	7' 7 2/7"	6' 3 1/2"	7' 10 4/5"	6' 2/5"	8' 4"
6' 6"	6' 3/5"	7' 1/5"	5' 10 3/5"	7' 3"	5' 8"	7' 7 3/5"
6'	5' 7 2/5"	6' 5 2/7"	5' 5 5/7"	6' 7 5/7"	5' 3 2/5"	6' 11 2/5"
5' 9"	5' 4 4/5"	6' 1 4/5"	5' 3 1/5"	6' 4"	5' 1"	6' 7 2/5"
5' 6"	5' 2 1/9"	5' 10 2/5"	5' 3/5"	6' 2/5"	4' 10 5/7"	6' 3 2/5"
5' 3"	4' 11 1/2"	5' 7"	4' 10 1/9"	5' 8 4/5"	4' 8 2/7"	5' 11 1/2"
5'	4' 8 4/5"	5' 3 3/5"	4' 7 3/5"	5' 5 1/5"	4' 5 8/9"	5' 7 3/5"
4' 9"	4' 6 1/9"	5' 1/5"	4' 5"	5' 1 5/7"	4' 3 1/2"	5' 3 4/5"
4' 6"	4' 3 2/5"	4' 8 8/9"	4' 2 2/5"	4' 10 1/5"	4' 1 1/9"	5' 1/9"
4' 3"	4' 5/7"	4' 5 1/2"	3' 11 4/5"	4' 6 3/5"	3' 10 3/5"	4' 8 2/7"
4'	3' 10"	4' 2 1/5"	3' 9 1/5"	4' 3 1/5"	3' 8 1/9"	4' 4 5/7"
3' 9"	3' 7 1/5"	3' 10 8/9"	3' 6 1/2"	3' 11 4/5"	3' 5 3/5"	4' 1 1/9"
3' 6"	3' 4 1/2"	3' 7 5/7"	3' 3 4/5"	3' 8 2/5"	3' 3"	3' 9 1/2"
3' 3"	3' 1 5/7"	3' 4 2/5"	3' 1 1/5"	3' 5 1/9"	3' 2/5"	3' 6"
3'	2' 10 8/9"	3' 1 1/5"	2' 10 2/5"	3' 1 5/7"	2' 9 4/5"	3' 2 1/2"
2' 9"	2' 8"	2' 10"	2' 7 2/3"	2' 10 2/5"	2' 7 1/5"	2' 11 1/9"



AATMA 100mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	854' 6 2/7"	INF	651' 1/2"	INF	461' 1 8/9"	INF
200'	162' 5 1/5"	260' 2"	153' 4 1/9"	287' 5 4/5"	139' 9 3/5"	351' 2 4/5"
100'	89' 7 4/5"	113' 3/5"	86' 9 4/5"	117' 11"	82' 3 5/7"	127' 4 1/2"
60'	56' 1 1/2"	64' 5 1/2"	55'	66'	53' 1 8/9"	68' 10 1/3"
50'	47' 3 2/5"	53' 3/5"	46' 5 4/5"	54' 1 1/9"	45' 1 8/9"	56'
40'	38' 3"	41' 11 1/9"	37' 8 3/5"	42' 6 8/9"	36' 10 1/5"	43' 9"
30'	29'	31' 4/5"	28' 8 2/5"	31' 5 1/9"	28' 2 2/5"	32' 3/5"
25'	24' 3 5/7"	25' 8 4/5"	24' 1 1/9"	25' 11 2/3"	23' 8 4/5"	26' 4 8/9"
20'	19' 6 5/7"	20' 5 3/5"	19' 5"	20' 7 2/5"	19' 2 1/5"	20' 10 3/5"
18'	17' 7 2/3"	18' 4 1/2"	17' 6 1/3"	18' 6"	17' 4"	18' 8 1/2"
16'	15' 8 3/5"	16' 3 3/5"	15' 7 1/2"	16' 4 2/3"	15' 5 2/3"	16' 6 5/7"
15'	14' 9"	15' 3"	14' 8"	15' 4 1/9"	14' 6 1/2"	15' 6"
14'	13' 9 2/5"	14' 2 2/3"	13' 8 3/5"	14' 3 3/5"	13' 7 1/5"	14' 5"
13'	12' 9 2/3"	13' 2 1/3"	12' 9"	13' 3"	12' 7 4/5"	13' 4 2/5"
12'	11' 10 1/9"	12' 2"	11' 9 1/2"	12' 2 3/5"	11' 8 1/2"	12' 3 2/3"
11'	10' 10 2/5"	11' 1 2/3"	10' 10"	11' 2 1/5"	10' 9"	11' 3"
10'	9' 10 5/7"	10' 1 2/5"	9' 10 2/7"	10' 1 4/5"	9' 9 1/2"	10' 2 3/5"
9' 6"	9' 4 4/5"	9' 7 1/5"	9' 4 2/5"	9' 7 3/5"	9' 3 4/5"	9' 8 2/7"
9'	8' 10 8/9"	9' 1 1/9"	8' 10 3/5"	9' 1 2/5"	8' 10"	9' 2"
8' 6"	8' 5"	8' 7"	8' 4 4/5"	8' 7 2/7"	8' 4 1/5"	8' 7 4/5"
8'	7' 11"	8' 4/5"	7' 11"	8' 1 1/9"	7' 10 2/5"	8' 1 3/5"
7' 9"	7' 8 1/5"	7' 9 4/5"	7' 8"	7' 10"	7' 7 1/2"	7' 10 1/2"
7' 6"	7' 5 2/7"	7' 6 4/5"	7' 5"	7' 7"	7' 4 3/5"	7' 7 2/5"
7' 3"	7' 2 2/7"	7' 3 5/7"	7' 2"	7' 4"	7' 1 2/3"	7' 4 1/3"
7'	6' 11 2/5"	7' 5/7"	6' 11 1/5"	7' 1"	6' 10 4/5"	7' 1 1/5"
6' 9"	6' 8 2/5"	6' 9 3/5"	6' 8 1/5"	6' 9 4/5"	6' 8"	6' 10"
6' 6"	6' 5 2/5"	6' 6 3/5"	6' 5 2/7"	6' 6 5/7"	6' 5"	6' 7"
6' 3"	6' 2 1/2"	6' 3 1/2"	6' 2 2/7"	6' 3 5/7"	6' 2"	6' 4"
6'	5' 11 1/2"	6' 1/2"	5' 11 2/5"	6' 3/5"	5' 11"	6' 1"
5' 9"	5' 8 3/5"	5' 9 1/2"	5' 8 1/2"	5' 9 3/5"	5' 8 1/5"	5' 9 4/5"
5' 6"	5' 5 3/5"	5' 6 2/5"	5' 5 1/2"	5' 6 1/2"	5' 5 2/7"	5' 6 5/7"
5' 3"	5' 2 3/5"	5' 3 2/5"	5' 2 1/2"	5' 3 1/2"	5' 2 2/7"	5' 3 5/7"
5'	4' 11 5/7"	5' 2/7"	4' 11 3/5"	5' 2/5"	4' 11 2/5"	5' 3/5"
4' 9"	4' 8 5/7"	4' 9 2/7"	4' 8 3/5"	4' 9 2/5"	4' 8 1/2"	4' 9 3/5"
4' 6"	4' 5 4/5"	4' 6 2/7"	4' 5 5/7"	4' 6 2/5"	4' 5 1/2"	4' 6 1/2"
4' 3"	4' 2 4/5"	4' 3 1/5"	4' 2 5/7"	4' 3 2/7"	4' 2 3/5"	4' 3 2/5"
4'	3' 11 4/5"	4' 1/5"	3' 11 5/7"	4' 2/7"	3' 11 3/5"	4' 2/5"
3' 9"	3' 8 4/5"	3' 9 1/5"	3' 8 4/5"	3' 9 1/5"	3' 8 5/7"	3' 9 2/7"



AATMA 100mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	326' 9 3/5"	INF	231' 2 3/5"	INF	163' 8 3/5"	INF
200'	124' 4"	510' 11 4/5"	107' 5 1/2"	1440' 7 1/5"	90' 2 2/5"	INF
100'	76' 8 2/5"	143' 7 3/5"	69' 11 1/5"	175' 4 4/5"	62' 2 1/2"	254' 10 1/9"
60'	50' 9 1/5"	73' 4 1/9"	47' 8 3/5"	80' 9 1/2"	44'	94' 3 3/5"
50'	43' 5 1/9"	58' 11"	41' 2 1/9"	63' 7 3/5"	38' 4 1/2"	71' 8 3/5"
40'	35' 8 1/5"	45' 6"	34' 1 8/9"	48' 3"	32' 2 1/2"	52' 9"
30'	27' 6 1/9"	32' 11 4/5"	26' 7 1/5"	34' 4 4/5"	25' 4 8/9"	36' 7 1/2"
25'	23' 3"	27' 2/5"	22' 7 1/9"	27' 11 2/3"	21' 8 4/5"	29' 5 1/9"
20'	18' 10 2/5"	21' 3 1/3"	18' 5 1/5"	21' 10 1/3"	17' 10 1/3"	22' 8 2/3"
18'	17' 8/9"	19' 1/3"	16' 8 2/3"	19' 5 4/5"	16' 3"	20' 2 1/9"
16'	15' 3 1/3"	16' 9 3/5"	14' 12"	17' 2"	14' 7 1/3"	17' 8 2/7"
15'	14' 4 1/3"	15' 8 2/5"	14' 1 1/3"	16' 1/5"	13' 9 1/5"	16' 5 2/3"
14'	13' 5 1/3"	14' 7 1/3"	13' 2 3/5"	14' 10 1/2"	12' 11"	15' 3 1/3"
13'	12' 6 1/5"	13' 6 1/3"	12' 4"	13' 9"	12' 4/5"	14' 1"
12'	11' 7 1/9"	12' 5 1/3"	11' 5"	12' 7 2/3"	11' 2 2/5"	12' 11"
11'	10' 7 4/5"	11' 4 2/5"	10' 6 1/5"	11' 6 2/5"	10' 4"	11' 9 1/5"
10'	9' 8 3/5"	10' 3 3/5"	9' 7 1/5"	10' 5 1/5"	9' 5 2/7"	10' 7 1/2"
9' 6"	9' 3"	9' 9 1/3"	9' 1 5/7"	9' 10 5/7"	9'	10' 4/5"
9'	8' 9 1/5"	9' 3"	8' 8"	9' 4 1/5"	8' 6 3/5"	9' 6"
8' 6"	8' 3 1/2"	8' 8 3/5"	8' 2 1/2"	8' 9 5/7"	8' 1 1/5"	8' 11 2/5"
8'	7' 9 4/5"	8' 2 2/7"	7' 9"	8' 3 1/3"	7' 7 2/3"	8' 4 5/7"
7' 9"	7' 7"	7' 11"	7' 6"	8'	7' 5"	8' 1 2/5"
7' 6"	7' 4"	7' 8"	7' 3 2/7"	7' 9"	7' 2 1/5"	7' 10"
7' 3"	7' 1 1/5"	7' 5"	7' 1/2"	7' 5 5/7"	6' 11 1/2"	7' 6 4/5"
7'	6' 10 1/3"	7' 1 4/5"	6' 9 5/7"	7' 2 1/2"	6' 8 5/7"	7' 3 3/5"
6' 9"	6' 7 2/5"	6' 10 3/5"	6' 6 4/5"	6' 11 2/7"	6' 6"	7' 2/7"
6' 6"	6' 4 3/5"	6' 7 1/2"	6' 4"	6' 8"	6' 3 1/5"	6' 9"
6' 3"	6' 1 2/3"	6' 4 2/5"	6' 1"	6' 5"	6' 2/5"	6' 5 4/5"
6'	5' 10 4/5"	6' 1 1/3"	5' 10 1/3"	6' 1 4/5"	5' 9 3/5"	6' 2 3/5"
5' 9"	5' 8"	5' 10 1/5"	5' 7 2/5"	5' 10 2/3"	5' 6 4/5"	5' 11 2/5"
5' 6"	5' 5"	5' 7"	5' 4 1/2"	5' 7 1/2"	5' 4"	5' 8"
5' 3"	5' 2"	5' 4"	5' 1 2/3"	5' 4 2/5"	5' 1 1/5"	5' 5"
5'	4' 11 1/5"	5' 1"	4' 10 4/5"	5' 1 1/5"	4' 10 1/3"	5' 1 4/5"
4' 9"	4' 8 1/5"	4' 9 4/5"	4' 7 8/9"	4' 10 1/9"	4' 7 1/2"	4' 10 3/5"
4' 6"	4' 5 2/7"	4' 6 5/7"	4' 5"	4' 7"	4' 4 2/3"	4' 7 2/5"
4' 3"	4' 2 2/5"	4' 3 3/5"	4' 2"	4' 4"	4' 1 4/5"	4' 4 1/5"
4'	3' 11 1/2"	4' 1/2"	3' 11 1/5"	4' 4/5"	3' 10 8/9"	4' 1 1/9"
3' 9"	3' 8 1/2"	3' 9 1/2"	3' 8 2/7"	3' 9 5/7"	3' 8 1/9"	3' 10"



AATMA 100mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	115' 10 1/2"	INF	81' 11 2/7"	INF	57' 11 2/5"	INF
200'	73' 6 1/9"	INF	58' 2 4/5"	INF	45' 1/5"	INF
100'	53' 9 1/2"	709' 2 2/7"	45' 1 5/7"	INF	36' 9 2/5"	INF
60'	39' 7 1/2"	123' 6 2/7"	34' 8 4/5"	220' 2 2/5"	29' 6 8/9"	INF
50'	35'	87' 5"	31' 1 2/3"	126' 9 2/7"	26' 11 1/5"	348' 6 1/2"
40'	29' 9 5/7"	60' 9 2/5"	26' 11 1/2"	77' 5 5/7"	23' 9"	126' 7 1/2"
30'	23' 10 2/3"	40' 3 2/3"	22' 2/5"	47'	19' 10"	61' 5 1/5"
25'	20' 7 2/5"	31' 9"	19' 2 3/5"	35' 9"	17' 6 1/2"	43' 6"
20'	17' 1 1/5"	24' 1"	16' 1 3/5"	26' 3 5/7"	14' 11 1/5"	30' 3 1/5"
18'	15' 7 2/5"	21' 2 4/5"	14' 9 2/3"	22' 11 2/7"	13' 9 1/2"	25' 10 3/5"
16'	14' 1 1/5"	18' 6"	13' 5 1/5"	19' 9 2/5"	12' 7 1/5"	21' 11 1/9"
15'	13' 3 4/5"	17' 2 1/9"	12' 8 2/3"	18' 3 1/5"	11' 11 2/3"	20' 1"
14'	12' 6 1/3"	15' 10 2/5"	12'	16' 9 3/5"	11' 4"	18' 3 4/5"
13'	11' 8 3/5"	14' 7 1/9"	11' 3"	15' 4 1/2"	10' 8"	16' 7 3/5"
12'	10' 10 8/9"	13' 4 1/9"	10' 6"	13' 12"	9' 12"	15' 1/3"
11'	10' 1"	12' 1 2/5"	9' 8 4/5"	12' 7 4/5"	9' 3 1/2"	13' 5 4/5"
10'	9' 2 4/5"	10' 8/9"	8' 11 2/7"	11' 4"	8' 6 4/5"	12'
9' 6"	8' 9 4/5"	10' 3 4/5"	8' 6 1/2"	10' 8 2/5"	8' 2 2/5"	11' 3 2/5"
9'	8' 4 1/2"	9' 8 2/3"	8' 1 5/7"	10' 4/5"	7' 10"	10' 7"
8' 6"	7' 11 2/7"	9' 1 5/7"	7' 8 4/5"	9' 5 2/7"	7' 5 2/5"	9' 10 5/7"
8'	7' 6"	8' 6 4/5"	7' 3 4/5"	8' 10"	7' 4/5"	9' 2 3/5"
7' 9"	7' 3 2/5"	8' 3 1/3"	7' 1 1/3"	8' 6 1/5"	6' 10 2/5"	8' 10 3/5"
7' 6"	7' 4/5"	7' 12"	6' 10 4/5"	8' 2 3/5"	6' 8"	8' 6 5/7"
7' 3"	6' 10"	7' 8 1/2"	6' 8 1/5"	7' 11"	6' 5 5/7"	8' 2 4/5"
7'	6' 7 2/5"	7' 5"	6' 5 5/7"	7' 7 1/2"	6' 3 2/7"	7' 11"
6' 9"	6' 4 2/3"	7' 1 2/3"	6' 3"	7' 4"	6' 1"	7' 7"
6' 6"	6' 2"	6' 10 2/5"	6' 1/2"	7' 2/7"	5' 10 1/2"	7' 3 2/7"
6' 3"	5' 11 2/5"	6' 7"	5' 10"	6' 8 4/5"	5' 8"	6' 11 1/2"
6'	5' 8 5/7"	6' 3 5/7"	5' 7 1/3"	6' 5 2/5"	5' 5 3/5"	6' 7 4/5"
5' 9"	5' 6"	6' 2/5"	5' 4 2/3"	6' 2"	5' 3 1/9"	6' 4"
5' 6"	5' 3 1/5"	5' 9"	5' 2"	5' 10 2/5"	5' 3/5"	6' 2/5"
5' 3"	5' 2/5"	5' 5 4/5"	4' 11 2/5"	5' 7"	4' 10 1/9"	5' 8 4/5"
5'	4' 9 5/7"	5' 2 1/2"	4' 8 4/5"	5' 3 3/5"	4' 7 1/2"	5' 5 2/7"
4' 9"	4' 7"	4' 11 2/7"	4' 6 1/9"	5' 2/7"	4' 5"	5' 1 2/3"
4' 6"	4' 4 1/9"	4' 8"	4' 3 2/5"	4' 8 8/9"	4' 2 2/5"	4' 10 1/5"
4' 3"	4' 1 1/3"	4' 4 4/5"	4' 5/7"	4' 5 1/2"	3' 11 4/5"	4' 6 5/7"
4'	3' 10 1/2"	4' 1 3/5"	3' 9 (/9"	4' 2 1/5"	3' 9"	4' 3 1/5"
3' 9"	3' 7 5/7"	3' 10 2/5"	3' 7 1/5"	3' 11"	3' 6 1/2"	3' 11 4/5"



AATMA 135mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	1544' 4 1/3"	INF	1178' 11 2/5"	INF	836' 7 8/9"	INF
200'	177' 6"	229' 3/5"	171' 4 4/5"	240' 2/3"	161' 9 3/5"	261' 9 8/9"
100'	94' 3/5"	106' 9"	92' 3 4/5"	109' 1"	89' 5 1/2"	113' 4 1/5"
60'	57' 9 5/7"	62' 4 2/7"	57' 1 4/5"	63' 1 5/7"	56' 3/5"	64' 6 3/5"
50'	48' 5 5/7"	51' 7 1/2"	48'	52' 1 8/9"	47' 2 4/5"	53' 1 2/5"
40'	39' 1/5"	41' 2/5"	38' 8 3/5"	41' 4 2/5"	38' 2 1/2"	41' 11 3/5"
30'	29' 5 2/5"	30' 6 8/9"	29' 3 1/3"	30' 9 1/9"	28' 11 4/5"	31' 1"
25'	24' 7 2/5"	25' 4 4/5"	24' 6"	25' 6 1/3"	24' 3 1/2"	25' 9"
20'	19' 9"	20' 3"	19' 8 1/9"	20' 4"	19' 6 3/5"	20' 5 2/3"
18'	17' 9 3/5"	18' 2 2/5"	17' 9"	18' 3 1/5"	17' 7 3/5"	18' 4 3/5"
16'	15' 10 1/9"	16' 2"	15' 9 1/2"	16' 2 1/2"	15' 8 1/2"	16' 3 3/5"
15'	14' 10 2/5"	15' 1 2/3"	14' 9 4/5"	15' 2 1/5"	14' 9"	15' 3 1/5"
14'	13' 10 3/5"	14' 1 1/2"	13' 10 1/9"	14' 1 8/9"	13' 9 1/3"	14' 2 2/3"
13'	12' 10 2/3"	13' 1 1/5"	12' 10 2/5"	13' 1 3/5"	12' 9 2/3"	13' 2 1/3"
12'	11' 11"	12' 1 1/9"	11' 10 3/5"	12' 1 2/5"	11' 10 1/9"	12' 2"
11'	10' 11"	11' 1"	10' 10 8/9"	11' 1 1/5"	10' 10 2/5"	11' 1 2/3"
10'	9' 11 2/7"	10' 5/7"	9' 11"	10' 1"	9' 10 5/7"	10' 1 2/5"
9' 6"	9' 5 2/5"	9' 6 5/7"	9' 5 1/5"	9' 7"	9' 4 4/5"	9' 7 2/7"
9'	8' 11 2/5"	9' 3/5"	8' 11 1/5"	9' 4/5"	8' 10 8/9"	9' 1 1/9"
8' 6"	8' 5 1/2"	8' 6 1/2"	8' 5 2/7"	8' 6 5/7"	8' 5"	8' 7"
8'	7' 11 1/2"	8' 2/5"	7' 11 2/5"	8' 3/5"	7' 11"	8' 1"
7' 9"	7' 8 3/5"	7' 9 2/5"	7' 8 2/5"	7' 9 3/5"	7' 8 1/5"	7' 9 4/5"
7' 6"	7' 5 3/5"	7' 6 2/5"	7' 5 1/2"	7' 6 1/2"	7' 5 2/7"	7' 6 4/5"
7' 3"	7' 2 3/5"	7' 3 2/5"	7' 2 1/2"	7' 3 1/2"	7' 2 2/7"	7' 3 5/7"
7'	6' 11 5/7"	7' 2/5"	6' 11 3/5"	7' 1/2"	6' 11 2/5"	7' 5/7"
6' 9"	6' 8 5/7"	6' 9 2/7"	6' 8 3/5"	6' 9 2/5"	6' 8 2/5"	6' 9 3/5"
6' 6"	6' 5 5/7"	6' 6 2/7"	6' 5 3/5"	6' 6 2/5"	6' 5 2/5"	6' 6 3/5"
6' 3"	6' 2 5/7"	6' 3 2/7"	6' 2 3/5"	6' 3 2/5"	6' 2 1/2"	6' 3 1/2"
6'	5' 11 4/5"	6' 2/7"	5' 11 5/7"	6' 2/7"	5' 11 1/2"	6' 1/2"
5' 9"	5' 8 4/5"	5' 9 1/5"	5' 8 5/7"	5' 9 2/7"	5' 8 3/5"	5' 9 1/2"
5' 6"	5' 5 4/5"	5' 6 1/5"	5' 5 5/7"	5' 6 2/7"	5' 5 3/5"	5' 6 2/5"
5' 3"	5' 2 4/5"	5' 3 1/5"	5' 2 5/7"	5' 3 1/5"	5' 2 3/5"	5' 3 2/5"
5'	4' 11 4/5"	5' 1/5"	4' 11 4/5"	5' 1/5"	4' 11 5/7"	5' 2/7"
4' 9"	4' 8 8/9"	4' 9 1/5"	4' 8 4/5"	4' 9 1/5"	4' 8 5/7"	4' 9 2/7"
4' 6"	4' 5 8/9"	4' 6 1/5"	4' 5 4/5"	4' 6 1/5"	4' 5 4/5"	4' 6 2/7"



AATMA 135mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	593' 8 1/9"	INF	420' 5 2/7"	INF	297' 10 4/5"	INF
200'	149' 11 2/5"	300' 2 1/5"	135' 10 1/5"	378' 11 3/5"	119' 11 2/7"	601' 5 4/5"
100'	85' 8 5/7"	119' 11 5/7"	80' 11 1/5"	130' 10"	75' 1/5"	149' 11"
60'	54' 6 4/5"	66' 7 3/5"	52' 7 1/9"	69' 10 1/9"	50' 2/5"	74' 11"
50'	46' 2 1/9"	54' 6 1/5"	44' 9"	56' 7 5/7"	42' 10 5/7"	59' 11 1/5"
40'	37' 6 1/5"	42' 10"	36' 6 8/9"	44' 1 3/5"	35' 3 8/9"	46' 1 1/5"
30'	28' 7"	31' 6 5/7"	28' 1/2"	32' 3"	27' 3 3/5"	33' 3 1/2"
25'	24' 1/5"	26' 4/5"	23' 7 1/2"	26' 6 1/2"	23' 1 1/5"	27' 2 4/5"
20'	19' 4 2/5"	20' 8 1/9"	19' 1 2/5"	20' 11 3/5"	18' 9 1/3"	21' 4 4/5"
18'	17' 5 4/5"	18' 6 1/2"	17' 3 2/5"	18' 9 1/3"	17'	19' 1 1/2"
16'	15' 7 1/9"	16' 5 1/9"	15' 5 1/5"	16' 7 1/3"	15' 2 1/2"	16' 10 1/2"
15'	14' 7 2/3"	15' 4 1/2"	14' 6"	15' 6 2/5"	14' 3 3/5"	15' 9 1/5"
14'	13' 8 1/3"	14' 4"	13' 6 4/5"	14' 5 3/5"	13' 4 2/3"	14' 8"
13'	12' 8 4/5"	13' 3 1/3"	12' 7 1/2"	13' 4 4/5"	12' 5 2/3"	13' 6 4/5"
12'	11' 9 1/3"	12' 3"	11' 8 1/5"	12' 4 1/9"	11' 6 2/3"	12' 5 4/5"
11'	10' 9 2/3"	11' 2 2/5"	10' 8 4/5"	11' 3 2/5"	10' 7 1/2"	11' 4 4/5"
10'	9' 10 1/9"	10' 1 8/9"	9' 9 1/3"	10' 2 4/5"	9' 8 2/7"	10' 4"
9' 6"	9' 4 2/7"	9' 7 4/5"	9' 3 3/5"	9' 8 1/2"	9' 2 2/3"	9' 9 3/5"
9'	8' 10 1/2"	9' 1 3/5"	8' 9 4/5"	9' 2 1/5"	8' 9"	9' 3 1/5"
8' 6"	8' 4 5/7"	8' 7 2/5"	8' 4 1/9"	8' 8"	8' 3 1/3"	8' 8 4/5"
8'	7' 10 4/5"	8' 1 1/5"	7' 10 1/3"	8' 1 5/7"	7' 9 3/5"	8' 2 1/2"
7' 9"	7' 8"	7' 10"	7' 7 2/5"	7' 10 3/5"	7' 6 4/5"	7' 11 2/7"
7' 6"	7' 5"	7' 7"	7' 4 1/2"	7' 7 1/2"	7' 4"	7' 8 1/5"
7' 3"	7' 2"	7' 4"	7' 1 3/5"	7' 4 2/5"	7' 1"	7' 5"
7'	6' 11"	7' 1"	6' 10 2/3"	7' 1 1/3"	6' 10 1/5"	7' 2"
6' 9"	6' 8"	6' 9 4/5"	6' 7 4/5"	6' 10 1/5"	6' 7 1/3"	6' 10 2/3"
6' 6"	6' 5 1/5"	6' 6 4/5"	6' 5"	6' 7"	6' 4 2/5"	6' 7 3/5"
6' 3"	6' 2 2/7"	6' 3 5/7"	6' 2"	6' 4"	6' 1 3/5"	6' 4 1/2"
6'	5' 11 2/7"	6' 5/7"	5' 11"	6' 1"	5' 10 2/3"	6' 1 2/5"
5' 9"	5' 8 2/5"	5' 9 3/5"	5' 8 1/5"	5' 10"	5' 7 4/5"	5' 10 1/3"
5' 6"	5' 5 2/5"	5' 6 1/2"	5' 5 1/5"	5' 6 4/5"	5' 5"	5' 7"
5' 3"	5' 2 1/2"	5' 3 1/2"	5' 2 2/7"	5' 3 5/7"	5' 2"	5' 4"
5'	4' 11 1/2"	5' 1/2"	4' 11 2/5"	5' 5/7"	4' 11"	5' 1"
4' 9"	4' 8 3/5"	4' 9 2/5"	4' 8 2/5"	4' 9 3/5"	4' 8 1/5"	4' 9 4/5"
4' 6"	4' 5 5/7"	4' 6 2/5"	4' 5 1/2"	4' 6 1/2"	4' 5 2/7"	4' 6 4/5"



AATMA 135mm/T1.5

Circle of confusion: 0,025 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	210' 11 1/5"	INF	149' 2 3/5"	INF	105' 6 5/7"	INF
200'	102' 10 4/5"	3550' 1 1/5"	85' 7 4/5"	INF	69' 3"	INF
100'	67' 11 8/9"	188' 11 1/2"	60' 2/7"	299' 5"	51' 6"	1723' 8 2/5"
60'	46' 9 4/5"	83' 6 2/7"	42' 10 8/9"	99' 8 4/5"	38' 4 1/2"	137' 5 1/2"
50'	40' 6"	65' 3 3/5"	37' 6 3/5"	74' 9 3/5"	34' 1/2"	94' 1 2/3"
40'	33' 8 2/5"	49' 2 2/5"	31' 7 3/5"	54' 4 5/7"	29' 1 1/3"	63' 11 1/9"
30'	26' 3 8/9"	34' 10 1/2"	25' 3/5"	37' 4 2/3"	23' 5 2/7"	41' 7 4/5"
25'	22' 4 4/5"	28' 3 2/5"	21' 5 2/3"	29' 11"	20' 3 2/5"	32' 6 4/5"
20'	18' 3 5/7"	22' 1/2"	17' 8 1/5"	23' 1/9"	16' 10 1/2"	24' 6 1/2"
18'	16' 7 2/5"	19' 7 1/2"	16' 1 1/3"	20' 4 2/3"	15' 5 1/5"	21' 7"
16'	14' 10 8/9"	17' 3 1/3"	14' 6"	17' 10 1/3"	13' 11 2/5"	18' 9 1/5"
15'	14' 2/5"	16' 1 1/3"	13' 8"	16' 7 2/5"	13' 2 1/5"	17' 4 4/5"
14'	13' 1 8/9"	14' 11 1/2"	12' 10"	15' 4 2/3"	12' 4 8/9"	16' 5/7"
13'	12' 3 1/5"	13' 9 4/5"	11' 12"	14' 2 1/3"	11' 7 2/5"	14' 9"
12'	11' 4 3/5"	12' 8 1/3"	11' 1 2/3"	13'	10' 9 4/5"	13' 5 2/3"
11'	10' 5 2/3"	11' 7"	10' 3 1/3"	11' 10"	10'	12' 2 2/3"
10'	9' 6 4/5"	10' 5 2/3"	9' 4 4/5"	10' 8 1/5"	9' 2"	10' 12"
9' 6"	9' 1 2/7"	9' 11"	8' 11 1/2"	10' 1 2/5"	8' 9"	10' 4 5/7"
9'	8' 7 4/5"	9' 4 1/2"	8' 6"	9' 6 1/2"	8' 4"	9' 9 1/2"
8' 6"	8' 2 2/7"	8' 10"	8' 4/5"	8' 11 4/5"	7' 10 4/5"	9' 2 2/5"
8'	7' 8 5/7"	8' 3 1/2"	7' 7 2/5"	8' 5"	7' 5 3/5"	8' 7 2/5"
7' 9"	7' 6"	8' 1/3"	7' 4 2/3"	8' 1 4/5"	7' 3"	8' 4"
7' 6"	7' 3"	7' 9"	7' 2"	7' 10 1/2"	7' 2/5"	8' 2/5"
7' 3"	7' 2/7"	7' 6"	6' 11 1/5"	7' 7 1/5"	6' 9 5/7"	7' 9"
7'	6' 9 1/2"	7' 2 5/7"	6' 8 1/2"	7' 4"	6' 7"	7' 5 3/5"
6' 9"	6' 6 3/5"	6' 11 1/2"	6' 5 5/7"	7' 3/5"	6' 4 2/5"	7' 2"
6' 6"	6' 3 4/5"	6' 8 2/7"	6' 3"	6' 9 2/7"	6' 1 4/5"	6' 10 2/7§
6' 3"	6' 1"	6' 5"	6' 1/5"	6' 6"	5' 11"	6' 7 2/5"
6'	5' 10 1/5"	6' 2"	5' 9 2/5"	6' 2 4/5"	5' 8 2/5"	6' 4"
5' 9"	5' 7 1/3"	5' 10 4/5"	5' 6 3/5"	5' 11 3/5"	5' 5 5/7"	6' 5/7"
5' 6"	5' 4 2/5"	5' 7 3/5"	5' 3 4/5"	5' 8 2/7"	5' 3"	5' 9 2/7"
5' 3"	5' 1 3/5"	5' 4 1/2"	5' 1"	5' 5"	5' 2/7"	5' 6"
5'	4' 10 2/3"	5' 1 1/3"	4' 10 1/5"	5' 1 8/9"	4' 9 1/2"	5' 2 5/7"
4' 9"	4' 7 8/9"	4' 10 1/5"	4' 7 2/5"	4' 10 2/3"	4' 6 4/5"	4' 11 2/5"
4' 6"	4' 5"	4' 7 1/9"	4' 4 3/5"	4' 7 1/2"	4' 4"	4' 8 1/5"



AATMA 18mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	23' 3 11/16"	INF	17' 8 5/8"	INF	12' 6 3/16"	INF
30'	13' 1 5/8"	INF	11' 1 13/16"	INF	8' 10 3/16"	INF
15'	9' 1 11/16"	41' 9 5/16"	8' 1 5/8"	95' 8 7/8"	6' 10 1/8"	INF
10'	7'	17' 5 3/16"	6' 4 7/8"	22' 9 3/8"	5' 6 7/8"	48' 6 3/8"
8'	5' 11 5/8"	12' 1 5/8"	5' 6 5/16"	14' 5 7/8"	4' 10 11/16"	21' 10 5/16"
6'	4' 9 3/8"	8'	4' 5 7/8"	9'	4'	11' 4 15/16"
5'	4' 1 1/2"	6' 4 1/8"	3' 10 7/8"	6' 11 3/16"	3' 7"	8' 3 1/8"
4' 6"	3' 9 3/8"	5' 6 11/16"	3' 7 3/16"	6'	3' 3 7/8"	6' 11 11/16"
4'	3' 5 1/8"	4' 9 13/16"	3' 3 5/16"	5' 1 11/16"	3'	5' 9 15/16"
3' 9"	3' 2 13/16"	4' 5 1/2"	3' 1 3/16"	4' 8 13/16"	2' 10 13/16"	5' 3 13/16"
3' 6"	3'	4' 1 5/16"	2' 11 3/16"	4' 4 1/8"	2' 9"	4' 9 7/8"
3' 3"	2' 10 5/16"	3' 9 3/16"	2' 9 1/8"	3' 11 5/8"	2' 7 1/8"	4' 4 3/8"
3'	2' 7 15/16"	3' 5 3/16"	2' 6 7/8"	3' 7 1/8"	2' 5 1/8"	3' 10 15/16"
2' 9"	2' 5 5/8"	3' 1 5/16"	2' 4 5/8"	3' 2 7/8"	2' 3 3/16"	3' 6"
2' 6"	2' 3 3/16"	2' 9 1/2"	2' 2 3/8"	2' 10 13/16"	2' 1 1/8"	3' 1 5/16"
2' 3"	2'	2' 5 13/16"	2'	2' 6 13/16"	1' 11"	2' 8 11/16"
2'	1' 10 3/16"	2' 2 3/16"	1' 9 5/8"	2' 3"	1' 8 13/16"	2' 4 3/8"
23"	1' 9 5/16"	2' 1"	1' 8 13/16"	2' 1 11/16"	1' 8"	2' 3"
22"	1' 8 1/2"	1' 11 13/16"	1' 8"	2'	1' 7 5/16"	2' 1 5/8"
21"	1' 7 5/8"	1' 10 5/8"	1' 7 3/16"	1' 11 3/16"	1' 6 1/2"	2'
20"	1' 6 11/16"	1' 9 1/2"	1' 6 5/16"	1' 10"	1' 5 11/16"	1' 10 7/8"
19"	1' 5 13/16"	1' 8 5/16"	1' 5 1/2"	1' 8 13/16"	1' 5"	1' 9 11/16"
18"	1' 4 7/8"	1' 7 3/16"	1' 4 5/8"	1' 7 5/8"	1' 4 1/8"	1' 8 5/16"
17"	1' 4 1/8"	1' 6 1/8"	1' 3 13/16"	1' 6 3/8"	1' 3 5/16"	1' 7 1/8"
16"	1' 3 3/16"	1' 4 7/8"	1' 2 7/8"	1' 5 3/16"	1' 2 1/2"	1' 5 13/16"
15"	1' 2 5/16"	1' 3 13/16"	1' 2 1/8"	1' 4 1/8"	1' 1 11/16"	1' 4 5/8"
14"	1' 1 3/8"	1' 2 11/16"	1' 1 3/16"	1' 3"	1'	1' 3 3/8"



AATMA 18mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	8' 10 5/16"	INF	6' 3 1/8"	INF	4' 5 1/8"	INF
30'	6' 10 3/16"	INF	5' 2 5/16"	INF	3' 10 3/8"	INF
15'	5' 6 15/16"	INF	4' 5 3/16"	INF	3' 5 3/16"	INF
10'	4' 8 1/2"	INF	3' 10 3/8"	INF	3' 1"	INF
8'	4' 2 5/8"	77' 1 5/8"	3' 6 5/16"	INF	2' 10 3/8"	INF
6'	3' 7 1/8"	18' 2 11/16"	3'	117' 10 5/8"	2' 6 13/16"	INF
5'	3' 2 1/2"	11' 3 11/16"	2' 9 1/2"	23' 8 11/16"	2' 4 3/8"	INF
4' 6"	3'	9'	2' 7 5/8"	15' 6"	2' 3"	INF
4'	2' 9 3/16"	7' 2 3/8"	2' 5 1/2"	10' 9 1/2"	2' 1 3/8"	36' 2 13/16"
3' 9"	2' 7 13/16"	6' 5 1/8"	2' 4 5/16"	9' 1 5/8"	2'	22' 6"
3' 6"	2' 6 5/16"	5' 8 11/16"	2' 3 1/8"	7' 9 5/16"	1' 11 5/8"	15' 8 3/8"
3' 3"	2' 4 11/16"	5'	2' 1 13/16"	6' 7 5/8"	1' 10 11/16"	11' 7 11/16"
3'	2' 3"	4' 5 7/8"	2'	5' 7 13/16"	1' 9 5/8"	8' 10 15/16"
2' 9"	2' 1 5/16"	3' 11 3/8"	1' 11 1/8"	4' 9 7/8"	1' 8 1/2"	7'
2' 6"	1' 11 1/2"	3' 5 3/8"	1' 9 5/8"	4' 1 3/16"	1' 7 5/16"	5' 6 13/16"
2' 3"	1' 9 11/16"	2' 11 7/8"	1' 8"	3' 5 5/8"	1' 6 1/8"	4' 5 1/2"
2'	1' 7 11/16"	2' 6 13/16"	1' 6 5/16"	2' 10 13/16"	1' 4 11/16"	3' 6 13/16"
23"	1' 6 15/16"	2' 5 1/8"	1' 5 11/16"	2' 8 11/16"	1' 4 3/16"	3' 3 5/8"
22"	1' 6 5/16"	2' 3 1/2"	1' 5 1/8"	2' 6 11/16"	1' 3 11/16"	3'
21"	1' 5 5/8"	2' 1 7/8"	1' 4 1/2"	2' 4 11/16"	1' 3 3/16"	2' 9 7/8"
20"	1' 4 7/8"	2'	1' 3 7/8"	2' 2 7/8"	1' 2 11/16"	2' 7 3/8"
19"	1' 4 3/16"	1' 11"	1' 3 5/16"	2' 1 1/8"	1' 2 1/8"	2' 4 15/16"
18"	1' 3 1/2"	1' 9 1/2"	1' 2 5/8"	1' 11 3/8"	1' 1 5/8"	2' 2 11/16"
17"	1' 2 11/16"	1' 8 1/8"	1' 2"	1' 9 11/16"	1'	2'
16"	1' 2"	1' 6 11/16"	1' 1 5/16"	1' 8 1/8"	1'	1' 10 3/8"
15"	1' 1 3/16"	1' 5 5/16"	1'	1' 6 1/2"	0' 11 13/16"	1' 8 1/2"
14"	1'	1' 3 15/16"	0' 11 7/8"	1' 5"	0' 11 3/16"	1' 6 11/16"



AATMA 18mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	3' 1 5/8"	INF	2' 2 5/8"	INF	1' 6 13/16"	INF
30'	2' 10 1/8"	INF	2'	INF	1' 5 7/8"	INF
15'	2' 7 3/16"	INF	1' 11 3/16"	INF	1' 5 1/8"	INF
10'	2' 4 13/16"	INF	1' 9 7/8"	INF	1' 4 5/16"	INF
8'	2' 3 3/16"	INF	1' 8 7/8"	INF	1' 3 13/16"	INF
6'	2'	INF	1' 7 5/8"	INF	1' 3"	INF
5'	1' 11 5/16"	INF	1' 6 5/8"	INF	1' 2 3/8"	INF
4' 6"	1' 10 5/16"	INF	1' 6"	INF	1' 2 1/8"	INF
4'	1' 9 5/16"	INF	1' 5 5/16"	INF	1' 1 5/8"	INF
3' 9"	1' 8 11/16"	INF	1' 4 7/8"	INF	1' 1 3/8"	INF
3' 6"	1' 8"	INF	1' 4 3/8"	INF	1' 1 1/8"	INF
3' 3"	1' 7 5/16"	INF	1' 3 15/16"	INF	1'	INF
3'	1' 6 5/8"	48' 7 5/16"	1' 3 1/2"	INF	1'	INF
2' 9"	1' 5 11/16"	19' 5 1/2"	1' 2 7/8"	INF	1'	INF
2' 6"	1' 4 7/8"	11' 3 13/16"	1' 2 5/16"	INF	0' 11 11/16"	INF
2' 3"	1' 3 7/8"	7' 5 7/8"	1' 1 5/8"	217'	0' 11 5/16"	INF
2'	1' 2 13/16"	5' 3 3/16"	1'	16' 3 5/16"	0' 10 11/16"	INF
23"	1' 2 3/8"	4' 8 1/2"	1'	11' 10 3/8"	0' 10 1/2"	INF
22"	1' 2"	4' 2 13/16"	1'	9' 2 7/8"	0' 10 5/16"	INF
21"	1' 1 5/8"	3' 9 5/8"	0' 11 7/8"	7' 4 1/2"	0' 10 1/8"	INF
20"	1' 1 3/16"	3' 5 1/8"	0' 11 5/8"	6'	0' 9 7/8"	INF
19"	1'	3' 1 1/8"	0' 11 5/16"	5' 1 1/8"	0' 9 5/8"	61' 9 5/16"
18"	1'	2' 9 5/16"	0' 10 7/8"	4' 3 1/2"	0' 9 3/8"	18' 8 1/2"
17"	0' 11 7/8"	2' 6"	0' 10 1/2"	3' 7 15/16"	0' 9 1/8"	10' 8 5/16"
16"	0' 11 3/8"	2' 2 7/8"	0' 10 1/8"	3' 1 5/8"	0' 8 13/16"	7' 1 1/2"
15"	0' 10 7/8"	2'	0' 9 13/16"	2' 8 1/2"	0' 8 1/2"	5' 2 11/16"
14"	0' 10 3/8"	1' 9 11/16"	0' 9 5/16"	2' 4 1/8"	0' 8 1/2"	4'



AATMA 25mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	44' 11 2/7"	INF	34' 1 8/9"	INF	24' 1 2/3"	INF
20'	13' 10 1/3"	35' 10 4/5"	12' 7 3/5"	47' 11 2/7"	10' 11 1/2"	114' 1"
10'	8' 2 2/7"	12' 10"	7' 9"	14' 1"	7' 1"	16' 11 3/5"
7'	6' 4/5"	8' 3 2/7"	5' 10"	8' 9 2/7"	5' 5 2/7"	9' 9 5/7"
5'	4' 6 1/9"	5' 7 2/5"	4' 4 1/2"	5' 10"	4' 1 4/5"	6' 3 2/7"
4'	3' 8 1/9"	4' 4 3/5"	3' 7 1/9"	4' 6 1/5"	3' 5 2/7"	4' 9 2/7"
3' 6"	3' 3"	3' 9 1/2"	3' 2 1/5"	3' 10 5/7"	3' 4/5"	4' 8/9"
3'	2' 9 4/5"	3' 2 1/2"	2' 9 1/5"	3' 3 2/7"	2' 8 1/9"	3' 4 8/9"
2' 9"	2' 7 1/9"	2' 11 1/9"	2' 6 3/5"	2' 11 4/5"	2' 5 2/3"	3' 1 1/9"
2' 6"	2' 4 1/2"	2' 7 2/3"	2' 4"	2' 8 2/7"	2' 3 1/3"	2' 9 2/7"
2' 3"	2' 1 4/5"	2' 4 2/5"	2' 1 2/5"	2' 4 4/5"	2' 4/5"	2' 5 2/3"
2'	1' 11"	2' 1 1/9"	1' 10 2/3"	2' 1 2/5"	1' 10 1/5"	2' 2 1/9"
22"	1' 9 1/5"	1' 10 8/9"	1' 8 8/9"	1' 11 1/5"	1' 8 1/2"	1' 11 2/3"
21"	1' 8 1/5"	1' 9 4/5"	1' 8"	1' 10 1/9"	1' 7 3/5"	1' 10 1/2"
20"	1' 7 1/3"	1' 8 2/3"	1' 7 1/9"	1' 9"	1' 6 4/5"	1' 9 2/5"
19"	1' 6 2/5"	1' 7 2/3"	1' 6 1/5"	1' 7 8/9"	1' 5 8/9"	1' 8 1/3"
18"	1' 5 2/5"	1' 6 3/5"	1' 5 1/3"	1' 6 4/5"	1' 5"	1' 7 1/9"
17"	1' 4 1/2"	1' 5 1/2"	1' 4 2/5"	1' 5 2/3"	1' 4 1/9"	1' 6"
16"	1' 3 3/5"	1' 4 2/5"	1' 3 2/5"	1' 4 3/5"	1' 3 1/5"	1' 4 8/9"
15"	1' 2 3/5"	1' 3 2/5"	1' 2 1/2"	1' 3 1/2"	1' 2 1/3"	1' 3 4/5"
14"	1' 1 2/3"	1' 2 2/5"	1' 1 3/5"	1' 2 1/2"	1' 1 2/5"	1' 2 2/3"
13"	1' 2/3"	1' 1 1/3"	1' 3/5"	1' 1 2/5"	1' 1/2"	1' 1 3/5"
12"	0' 11 4/5"	1' 1/3"	0' 11 2/3"	1' 1/3"	0' 11 3/5"	1' 1/2"
11"	0' 10 4/5"	0' 11 1/5"	0' 10 2/3"	0' 11 1/3"	0' 10 3/5"	0' 11 2/5"
10"	0' 9 4/5"	0' 10 1/5"	0' 9 4/5"	0' 10 1/5"	0' 9 2/3"	0' 10 1/3"



AATMA 25mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	17' 1"	INF	12' 1"	INF	8' 6 1/2"	INF
20'	9' 2 4/5"	INF	7' 6 3/5"	INF	6' 0"	INF
10'	6' 4"	23' 10"	5' 6"	55' 11 1/2"	4' 7 1/2"	INF
7'	4' 11 4/5"	11' 9 1/5"	4' 5 2/5"	16' 4 2/3"	3' 10 2/5"	36' 9 8/9"
5'	3' 10 3/5"	7' 1/5"	3' 6 3/5"	8' 5 1/5"	3' 2 1/9"	11' 9 2/5"
4'	3' 3"	5' 2 2/7"	3' 1/5"	5' 11"	2' 8 8/9"	7' 4 3/5"
3' 6"	2' 11"	4' 4 1/2"	2' 8 5/7"	4' 10 3/5"	2' 6"	5' 10"
3'	2' 6 2/3"	3' 7 2/5"	2' 5"	3' 11 2/5"	2' 2 4/5"	4' 6 3/5"
2' 9"	2' 4 1/2"	3' 3 1/9"	2' 3"	3' 6 2/7"	2' 1 1/9"	4' 0"
2' 6"	2' 2 1/3"	2' 10 8/9"	2' 1"	3' 1 1/2"	1' 11 2/5"	3' 5 4/5"
2' 3"	2' 0"	2' 6 8/9"	1' 10 8/9"	2' 8 8/9"	1' 9 1/2"	3' 1/5"
2'	1' 9 3/5"	2' 3 1/9"	1' 8 2/3"	2' 4 3/5"	1' 7 3/5"	2' 7"
22"	1' 8"	2' 1/2"	1' 7 1/5"	2' 1 2/3"	1' 6 1/3"	2' 3 2/3"
21"	1' 7 1/9"	1' 11 1/3"	1' 6 2/5"	2' 1/3"	1' 5 3/5"	2' 2 1/9"
20"	1' 6 1/3"	1' 10"	1' 5 2/3"	1' 11"	1' 4 8/9"	2' 3/5"
19"	1' 5 1/2"	1' 8 4/5"	1' 4 8/9"	1' 9 2/3"	1' 4 1/5"	1' 11 1/9"
18"	1' 4 3/5"	1' 7 3/5"	1' 4 1/9"	1' 8 2/5"	1' 3 2/5"	1' 9 3/5"
17"	1' 3 4/5"	1' 6 2/5"	1' 3 1/3"	1' 7 1/9"	1' 2 2/3"	1' 8 1/5"
16"	1' 3"	1' 5 1/5"	1' 2 1/2"	1' 5 4/5"	1' 2"	1' 6 2/3"
15"	1' 2"	1' 4 1/9"	1' 1 2/3"	1' 4 3/5"	1' 1 1/5"	1' 5 2/5"
14"	1' 1 1/5"	1' 3"	1' 1"	1' 3 2/5"	1' 2/5"	1' 4 1/9"
13"	1' 1/3"	1' 1 4/5"	1' 0"	1' 2 1/5"	0' 11 3/5"	1' 2 2/3"
12"	0' 11 2/5"	1' 2/3"	0' 11 1/5"	1' 1"	0' 10 4/5"	1' 1 1/2"
11"	0' 10 1/2"	0' 11 1/2"	0' 10 1/3"	0' 11 4/5"	0' 10"	1' 1/5"
10"	0' 9 3/5"	0' 10 1/2"	0' 9 2/5"	0' 10 2/3"	0' 9 1/5"	0' 11"



AATMA 25mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	6' 1/2"	INF	4' 3 2/7"	INF	3' 1/5"	INF
20'	4' 7 8/9"	INF	3' 6 2/5"	INF	2' 7 3/5"	INF
10'	3' 9 2/5"	INF	3' 1/9"	INF	2' 4"	INF
7'	3' 3 1/5"	INF	2' 8 1/9"	INF	2' 1 1/2"	INF
5'	2' 9 1/9"	26' 10 1/5"	2' 3 8/9"	INF	1' 10 4/5"	INF
4'	2' 5 1/9"	11' 4 2/5"	2' 1"	48' 2 1/5"	1' 8 8/9"	INF
3' 6"	2' 2 4/5"	8' 5/7"	1' 11 1/3"	17' 6 1/3"	1' 7 2/3"	INF
3'	2' 1/3"	5' 9 3/5"	1' 9 2/5"	9' 5 2/5"	1' 6 1/3"	87' 4"
2' 9"	1' 10 8/9"	4' 11 1/9"	1' 8 1/3"	7' 3 4/5"	1' 5 1/2"	23' 6 1/3"
2' 6"	1' 9 2/5"	4' 2"	1' 7 1/5"	5' 9"	1' 4 2/3"	12' 6 2/5"
2' 3"	1' 7 8/9"	3' 6 1/9"	1' 5 8/9"	4' 6 8/9"	1' 3 2/3"	7' 11 4/5"
2'	1' 6 1/5"	2' 11 1/5"	1' 4 3/5"	3' 7 3/5"	1' 2 2/3"	5' 6"
22"	1' 5 1/9"	2' 7"	1' 3 3/5"	3' 1 2/7"	1' 2"	4' 4 2/5"
21"	1' 4 2/5"	2' 5"	1' 3"	2' 10 2/5"	1' 1 1/2"	3' 10 4/5"
20"	1' 3 4/5"	2' 3 1/9"	1' 2 3/5"	2' 7 4/5"	1' 1"	3' 6 1/9"
19"	1' 3 1/5"	2' 1 1/3"	1' 2"	2' 5 1/3"	1' 2/3"	3' 1 4/5"
18"	1' 2 3/5"	1' 11 1/2"	1' 1 1/2"	2' 2 8/9"	1' 1/5"	2' 9 8/9"
17"	1' 2"	1' 9 4/5"	1' 1"	2' 2/3"	0' 11 4/5"	2' 6 1/2"
16"	1' 1 1/5"	1' 8 1/5"	1' 2/5"	1' 10 3/5"	0' 11 1/3"	2' 3 1/3"
15"	1' 3/5"	1' 6 3/5"	0' 11 4/5"	1' 8 3/5"	0' 10 4/5"	2' 1/2"
14"	0' 12"	1' 5 1/9"	0' 11 1/5"	1' 6 4/5"	0' 10 1/3"	1' 9 8/9"
13"	0' 11"	1' 3 3/5"	0' 10 1/2"	1' 5"	0' 9 4/5"	1' 7 2/5"
12"	0' 10 2/5"	1' 2 1/5"	0' 10"	1' 3 1/3"	0' 9 1/5"	1' 5 1/3"
11"	0' 9 2/3"	1' 2/3"	0' 9 1/5"	1' 1 3/5"	0' 8 3/5"	1' 3 1/5"
10"	0' 9"	0' 11 2/5"	0' 8 1/2"	1' 0"	0' 8"	1' 1 1/3"



AATMA 35mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	105' 7 3/5"	INF	80' 3 3/5"	INF	56' 9 1/5"	INF
40'	29' 3/5"	64' 2 3/5"	26' 8 4/5"	79' 4 4/5"	23' 6"	134' 3 2/5"
20'	16' 10"	24' 7 3/5"	16' 2/5"	26' 6 8/9"	14' 9 4/5"	30' 9 1/3"
12'	10' 9 1/2"	13' 6 1/3"	10' 5 1/2"	14' 1"	9' 11"	15' 2"
10'	9' 1 5/7"	11' 2/5"	8' 11"	11' 4 4/5"	8' 6 1/5"	12' 1 1/3"
8'	7' 5 2/7"	8' 7 5/7"	7' 3 2/5"	8' 10 2/5"	7' 2/7"	9' 3 1/2"
6'	5' 8 1/5"	6' 4 2/7"	5' 7"	6' 5 5/7"	5' 5 1/5"	6' 8 2/7"
5'	4' 9 2/5"	5' 2 8/9"	4' 8 3/5"	5' 3 8/9"	4' 7 1/5"	5' 5 3/5"
4' 6"	4' 3 8/9"	4' 8 2/5"	4' 3 1/5"	4' 9 1/9"	4' 2 1/9"	4' 10 1/2"
4'	3' 10 2/7"	4' 1 4/5"	3' 9 4/5"	4' 2 2/5"	3' 8 8/9"	4' 3 1/2"
3' 9"	3' 7 1/2"	3' 10 3/5"	3' 7 1/9"	3' 11 1/9"	3' 6 2/7"	4' 1/9"
3' 6"	3' 4 5/7"	3' 7 2/5"	3' 4 2/7"	3' 7 8/9"	3' 3 3/5"	3' 8 5/7"
3' 3"	3' 1 8/9"	3' 4 1/5"	3' 1 3/5"	3' 4 3/5"	3' 1"	3' 5 2/7"
3'	2' 11"	3' 1"	2' 10 5/7"	3' 1 2/7"	2' 10 1/5"	3' 1 8/9"
2' 9"	2' 8 1/5"	2' 9 4/5"	2' 7 8/9"	2' 10 1/9"	2' 7 1/2"	2' 10 3/5"
2' 6"	2' 5 1/3"	2' 6 2/3"	2' 5 1/9"	2' 6 8/9"	2' 4 4/5"	2' 7 1/3"
2' 3"	2' 2 1/2"	2' 3 3/5"	2' 2 1/3"	2' 3 2/3"	2' 2"	2' 4 1/9"
2'	1' 11 3/5"	2' 1/2"	1' 11 1/2"	2' 3/5"	1' 11 1/5"	2' 4/5"
23"	1' 10 3/5"	1' 11 2/5"	1' 10 1/2"	1' 11 1/2"	1' 10 1/3"	1' 11 2/3"
22"	1' 9 2/3"	1' 10 2/5"	1' 9 1/2"	1' 10 1/2"	1' 9 2/5"	1' 10 2/3"
21"	1' 8 2/3"	1' 9 1/3"	1' 8 3/5"	1' 9 2/5"	1' 8 2/5"	1' 9 3/5"
20"	1' 7 2/3"	1' 8 1/3"	1' 7 3/5"	1' 8 2/5"	1' 7 1/2"	1' 8 3/5"
19"	1' 6 4/5"	1' 7 1/3"	1' 6 2/3"	1' 7 2/5"	1' 6 1/2"	1' 7 1/2"
18"	1' 5 4/5"	1' 6 1/5"	1' 5 2/3"	1' 6 1/3"	1' 5 3/5"	1' 6 2/5"
17"	1' 4 4/5"	1' 5 1/5"	1' 4 2/3"	1' 5 1/3"	1' 4 3/5"	1' 5 2/5"
16"	1' 3 4/5"	1' 4 1/5"	1' 3 2/3"	1' 4 1/5"	1' 3 3/5"	1' 4 1/3"
15"	1' 2 4/5"	1' 3 1/5"	1' 2 4/5"	1' 3 1/5"	1' 2 2/3"	1' 3 1/3"
14"	1' 2"	1' 2 1/5"	1' 1 4/5"	1' 2 1/5"	1' 1 4/5"	1' 2 1/3"
13"	1' 1"	1' 1"	1' 4/5"	1' 1 1/5"	1' 4/5"	1' 1 1/5"



AATMA 35mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	40' 2 1/9"	INF	28' 4 2/3"	INF	20' 1"	INF
40'	20' 1"	5268' 10 1/3"	16' 7 3/5"	INF	13' 4 4/5"	INF
20'	13' 4 3/5"	39' 7"	11' 9 1/5"	66' 8 2/7"	10' 3/5"	1914' 1"
12'	9' 3"	17' 1/2"	8' 5 1/2"	20' 7 2/3"	7' 6 1/2"	29' 4 3/5"
10'	8' 2/7"	13' 3"	7' 5"	15' 4"	6' 8 2/5"	19' 8 1/5"
8'	6' 8 1/5"	9' 11 2/5"	6' 3"	11' 1"	5' 9"	13' 2"
6'	5' 2 4/5"	7' 2/5"	4' 11 3/5"	7' 6 4/5"	4' 7 5/7"	8' 5 4/5"
5'	4' 5 1/2"	5' 8 2/7"	4' 3 1/5"	6' 1/2"	4' 2/7"	6' 7 2/7"
4' 6"	4' 5/7"	5' 3/5"	3' 10 4/5"	5' 3 8/9"	3' 8 2/7"	5' 9"
4'	3' 7 4/5"	4' 5 1/9"	3' 6 1/5"	4' 7 3/5"	3' 4 1/5"	4' 11 1/2"
3' 9"	3' 5 2/7"	4' 1 1/2"	3' 3 8/9"	4' 3 3/5"	3' 2 1/9"	4' 6 8/9"
3' 6"	3' 2 5/7"	3' 9 8/9"	3' 1 1/2"	3' 11 5/7"	3' 0"	4' 2 1/2"
3' 3"	3' 1/5"	3' 6 2/7"	2' 11 1/9"	3' 7 8/9"	2' 9 5/7"	3' 10 1/5"
3'	2' 9 3/5"	3' 2 4/5"	2' 8 5/7"	3' 4 1/9"	2' 7 1/2"	3' 6"
2' 9"	2' 7"	2' 11 2/7"	2' 6 1/5"	3' 2/5"	2' 5 1/5"	3' 2"
2' 6"	2' 4 1/3"	2' 7 8/9"	2' 3 2/3"	2' 8 4/5"	2' 2 4/5"	2' 10"
2' 3"	2' 1 3/5"	2' 4 1/2"	2' 1 1/9"	2' 5 1/5"	2' 2/5"	2' 6 1/5"
2'	1' 10 8/9"	2' 1 1/5"	1' 10 1/2"	2' 1 2/3"	1' 10"	2' 2 1/2"
23"	1' 10"	2' 1/9"	1' 9 3/5"	2' 1/2"	1' 9 1/9"	2' 1 1/3"
22"	1' 9 1/9"	1' 11"	1' 8 4/5"	1' 11 2/5"	1' 8 1/3"	2' 1/9"
21"	1' 8 1/5"	1' 9 8/9"	1' 7 4/5"	1' 10 1/3"	1' 7 2/5"	1' 10 4/5"
20"	1' 7 1/3"	1' 8 4/5"	1' 7"	1' 9 1/5"	1' 6 3/5"	1' 9 2/3"
19"	1' 6 1/3"	1' 7 2/3"	1' 6 1/9"	1' 8 1/9"	1' 5 2/3"	1' 8 1/2"
18"	1' 5 2/5"	1' 6 3/5"	1' 5 1/5"	1' 6 8/9"	1' 4 4/5"	1' 7 1/3"
17"	1' 4 1/2"	1' 5 3/5"	1' 4 1/3"	1' 5 4/5"	1' 4"	1' 6 1/5"
16"	1' 3 1/2"	1' 4 1/2"	1' 3 1/3"	1' 4 2/3"	1' 3"	1' 5"
15"	1' 2 3/5"	1' 3 2/5"	1' 2 2/5"	1' 3 3/5"	1' 2 1/5"	1' 4"
14"	1' 1 2/3"	1' 2 2/5"	1' 1 1/2"	1' 2 3/5"	1' 1 1/3"	1' 2 4/5"
13"	1' 2/3"	1' 1 1/3"	1' 3/5"	1' 1 1/2"	1' 2/5"	1' 1 3/5"



AATMA 35mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	14' 2 1/2"	INF	10' 3/5"	INF	7' 1 1/5"	INF
40'	10' 6"	INF	8' 3/5"	INF	6' 3/5"	INF
20'	8' 4"	INF	6' 8 3/5"	INF	5' 3 1/5"	INF
12'	6' 6 2/5"	73' 3 1/2"	5' 6"	INF	4' 5 8/9"	INF
10'	5' 10 4/5"	32' 10"	5' 1/2"	618' 8 1/3"	4' 2 1/5"	INF
8'	5' 1 5/7"	17' 11 1/2"	4' 5 4/5"	37' 1 2/3"	3' 9 1/2"	INF
6'	4' 2 8/9"	10' 3"	3' 9 2/5"	14' 5 4/5"	3' 3 2/5"	35' 0"
5'	3' 8 5/7"	7' 7 2/5"	3' 4 2/5"	9' 8 4/5"	2' 11 3/5"	16' 0"
4' 6"	3' 5 2/7"	6' 6"	3' 1 3/5"	7' 12"	2' 9 2/5"	11' 9 1/5"
4'	3' 1 5/7"	5' 6"	2' 10 3/5"	6' 6 1/5"	2' 7"	8' 10"
3' 9"	2' 11 4/5"	5' 1/2"	2' 9"	5' 10 1/2"	2' 5 4/5"	7' 8 1/5"
3' 6"	2' 9 8/9"	4' 7 1/9"	2' 7 2/5"	5' 3 2/5"	2' 4 2/5"	6' 8 2/7"
3' 3"	2' 8"	4' 2 1/9"	2' 5 2/3"	4' 8 5/7"	2' 3 1/9"	5' 10"
3'	2' 5 8/9"	3' 9 1/9"	2' 4"	4' 2 1/2"	2' 1 3/5"	5' 3/5"
2' 9"	2' 3 4/5"	3' 4 1/2"	2' 2 1/9"	3' 8 5/7"	2' 1/9"	4' 4 2/5"
2' 6"	2' 1 2/3"	3' 0"	2' 1/5"	3' 3 2/7"	1' 10 1/2"	3' 9 1/5"
2' 3"	1' 11 1/2"	2' 7 4/5"	1' 10 1/3"	2' 10 2/7"	1' 8 4/5"	3' 2 3/5"
2'	1' 9 1/5"	2' 3 2/3"	1' 8 1/5"	2' 5 3/5"	1' 7"	2' 8 5/7"
23"	1' 8 2/5"	2' 2 1/3"	1' 7 1/2"	2' 4"	1' 6 1/3"	2' 6 4/5"
22"	1' 7 3/5"	2' 1"	1' 6 4/5"	2' 2 3/5"	1' 5 2/3"	2' 5"
21"	1' 6 4/5"	1' 11 2/3"	1' 6"	2' 1 1/9"	1' 5 1/9"	2' 3 1/3"
20"	1' 6"	1' 10 1/2"	1' 5 1/3"	1' 11 2/3"	1' 4 2/5"	2' 1 3/5"
19"	1' 5 1/5"	1' 9 1/5"	1' 4 3/5"	1' 10 1/3"	1' 3 4/5"	2' 0"
18"	1' 4 2/5"	1' 7 8/9"	1' 3 4/5"	1' 8 8/9"	1' 3"	1' 10 1/3"
17"	1' 3 3/5"	1' 6 2/3"	1' 3"	1' 7 1/2"	1' 2 2/5"	1' 8 4/5"
16"	1' 2 2/3"	1' 5 1/2"	1' 2 1/3"	1' 6 1/5"	1' 1 3/5"	1' 7 1/3"
15"	1' 2"	1' 4 1/3"	1' 1 1/2"	1' 4 8/9"	1' 1"	1' 5 8/9"
14"	1' 1"	1' 3"	1' 2/3"	1' 3 2/3"	1' 1/5"	1' 4 1/2"
13"	1' 1/5"	1' 2"	0' 12"	1' 2 2/5"	0' 11 2/5"	1' 3"



AATMA 40mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	114' 11 1/2"	INF	87' 4 13/16"	INF	61' 9 3/8"	INF
50'	34' 10 5/8"	88' 2 5/8"	31' 10 3/16"	116' 3 5/16"	27' 8 1/8"	258' 5 5/8"
25'	20' 6 11/16"	31' 10 11/16"	19' 5 5/8"	34' 11 1/8"	17' 9 7/8"	41' 9 7/8"
15'	13' 3 3/8"	17' 2 11/16"	12' 9 7/8"	18'	12' 1 1/8"	19' 9"
12'	10' 10 5/8"	13' 4 5/8"	10' 6 13/16"	13' 10 5/8"	10'	14' 10 3/16"
10'	9' 2 1/2"	10' 11 5/16"	8' 11 13/16"	11' 3 5/16"	8' 7 1/2"	11' 10 13/16"
8'	7' 5 13/16"	8' 7"	7' 4 1/8"	8' 9 1/2"	7' 1 1/8"	9' 1 15/16"
7'	6' 7 5/16"	7' 5 5/16"	6' 5 7/8"	7' 7 3/16"	6' 3 5/8"	7' 10 1/2"
6'	5' 8 1/2"	6' 3 7/8"	5' 7 1/2"	6' 5 3/16"	5' 5 13/16"	6' 7 5/8"
5' 6"	5' 3"	5' 9 3/16"	5' 2 3/16"	5' 10 5/16"	5'	6'
5'	4' 9 5/8"	5' 2 5/8"	4' 8 13/16"	5' 3 1/2"	4' 7 5/8"	5' 5 1/8"
4' 6"	4' 3 15/16"	4' 8 1/8"	4' 3 3/8"	4' 8 7/8"	4' 2 3/8"	4' 10 1/8"
4'	3' 10 3/8"	4' 1 11/16"	3' 10"	4' 2 3/16"	3' 9 3/16"	4' 3 3/16"
3' 9"	3' 7 5/8"	3' 10 1/2"	3' 7 3/16"	3' 10 7/8"	3' 6 1/2"	3' 11 13/16"
3' 6"	3' 4 13/16"	3' 7 5/16"	3' 4 1/2"	3' 7 11/16"	3' 3 13/16"	3' 8 3/8"
3' 3"	3' 1 15/16"	3' 4 1/8"	3' 1 11/16"	3' 4 1/2"	3' 1 1/8"	3' 5 1/8"
3'	2' 11 1/8"	3'	2' 10 13/16"	3' 1 3/16"	2' 10 3/8"	3' 1 11/16"
2' 9"	2' 8 5/16"	2' 9 13/16"	2' 7 15/16"	2' 10"	2' 7 11/16"	2' 10 1/2"
2' 6"	2' 5 3/8"	2' 6 5/8"	2' 5 3/16"	2' 6 13/16"	2' 4 7/8"	2' 7 3/16"
2' 3"	2' 2 1/2"	2' 3 1/2"	2' 2 3/8"	2' 3 11/16"	2' 2 1/8"	2' 4"
2'	1' 11 5/8"	2'	1' 11 1/2"	2'	1' 11 5/16"	2'
23"	1' 10 5/8"	1' 11 3/8"	1' 10 1/2"	1' 11 1/2"	1' 10 5/16"	1' 11 11/16"
22"	1' 9 11/16"	1' 10 5/16"	1' 9 5/8"	1' 10 3/8"	1' 9 3/8"	1' 10 5/8"
21"	1' 8 11/16"	1' 9 5/16"	1' 8 5/8"	1' 9 3/8"	1' 8 3/8"	1' 9 1/2"
20"	1' 7 11/16"	1' 8 5/16"	1' 7 11/16"	1' 8 3/8"	1' 7 1/2"	1' 8 1/2"
19"	1' 6 13/16"	1' 7 5/16"	1' 6 11/16"	1' 7 5/16"	1' 6 5/8"	1' 7 1/2"
18"	1' 5 13/16"	1' 6 3/16"	1' 5 11/16"	1' 6 5/16"	1' 5 5/8"	1' 6 3/8"
17"	1' 4 13/16"	1' 5 3/16"	1' 4 13/16"	1' 5 5/16"	1' 4 11/16"	1' 5 3/8"



AATMA 40mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	43' 8 11/16"	INF	30' 10 13/16"	INF	21' 10 3/8"	INF
50'	23' 4 3/8"	INF	19' 1 5/8"	INF	15' 2 7/8"	INF
25'	15' 11 5/16"	57' 11 3/16"	13' 10 5/16"	127' 9 15/16"	11' 8 3/8"	INF
15'	11' 2 5/16"	22' 8 11/16"	10' 1 1/2"	28' 10 13/16"	8' 11 3/16"	46' 10 1/8"
12'	9' 5 5/16"	16' 5 5/8"	8' 8 1/8"	19' 5 13/16"	7' 9 3/8"	26' 2 7/8"
10'	8' 1 7/8"	12' 10 15/16"	7' 6 15/16"	14' 8 5/16"	6' 10 11/16"	18' 2 11/16"
8'	6' 9 3/8"	9' 9"	6' 4 1/2"	10' 8 11/16"	5' 10 5/8"	12' 5 7/8"
7'	6'	8' 3 11/16"	5' 8 11/16"	9'	5' 3 7/8"	10' 2 1/2"
6'	5' 3 1/2"	6' 11 3/16"	5'	7' 4 7/8"	4' 8 13/16"	8' 2 3/8"
5' 6"	4' 10 13/16"	6' 3 3/16"	4' 8 3/16"	6' 7 13/16"	4' 5"	7' 3 3/8"
5'	4' 6"	5' 7 1/2"	4' 3 13/16"	5' 11 3/16"	4' 1 1/8"	6' 5 3/16"
4' 6"	4' 1 1/8"	5'	3' 11 5/16"	5' 2 7/8"	3' 9"	5' 7 1/2"
4'	3' 8 1/8"	4' 4 5/8"	3' 6 11/16"	4' 6 7/8"	3' 4 13/16"	4' 10 5/16"
3' 9"	3' 5 5/8"	4' 1 1/8"	3' 4 5/16"	4' 3"	3' 2 5/8"	4' 5 7/8"
3' 6"	3' 3"	3' 9 1/2"	3' 1 7/8"	3' 11 1/8"	3'	4' 1 11/16"
3' 3"	3'	3' 6"	2' 11 3/8"	3' 7 3/8"	2' 10 1/8"	3' 9 1/2"
3'	2' 9 13/16"	3' 2 1/2"	2' 8 7/8"	3' 3 11/16"	2' 7 13/16"	3' 5 3/8"
2' 9"	2' 7 1/8"	2' 11 1/8"	2' 6 3/8"	3'	2' 5 1/2"	3' 1 1/2"
2' 6"	2' 4 1/2"	2' 7 11/16"	2' 3 7/8"	2' 8 1/2"	2' 3 1/8"	2' 9 5/8"
2' 3"	2' 1 13/16"	2' 4 3/8"	2' 1 5/16"	2' 4 15/16"	2'	2' 5 7/8"
2'	1' 11"	2' 1 1/8"	1' 10 5/8"	2' 1 5/8"	1' 10 1/8"	2' 2 5/16"
23"	1' 10 1/8"	2'	1' 9 11/16"	2'	1' 9 5/16"	2' 1"
22"	1' 9 3/16"	1' 10 7/8"	1' 8 7/8"	1' 11 5/16"	1' 8 3/8"	1' 11 7/8"
21"	1' 8 3/16"	1' 9 13/16"	1' 7 7/8"	1' 10 1/8"	1' 7 1/2"	1' 10 11/16"
20"	1' 7 5/16"	1' 8 11/16"	1' 7 1/8"	1' 9"	1' 6 11/16"	1' 9 1/2"
19"	1' 6 3/8"	1' 7 11/16"	1' 6 3/16"	1' 8"	1' 5 13/16"	1' 8 3/8"
18"	1' 5 3/8"	1' 6 5/8"	1' 5 3/16"	1' 6 13/16"	1' 4 7/8"	1' 7 3/16"
17"	1' 4 1/2"	1' 5 1/2"	1' 4 5/16"	1' 5 11/16"	1' 4 1/8"	1' 6 1/8"



AATMA 40mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	15' 5 5/8"	INF	10' 11 3/16"	INF	7' 8 13/16"	INF
50'	11' 10 1/8"	INF	8' 11 7/8"	INF	6' 8 1/2"	INF
25'	9' 7 1/8"	INF	7' 7 5/8"	INF	5' 11 3/16"	INF
15'	7' 7 13/16"	385' 3 3/8"	6' 4 5/16"	INF	5' 1 5/8"	INF
12'	6' 9 1/2"	51' 6 11/16"	5' 9 1/8"	INF	4' 8 13/16"	INF
10'	6' 1 5/16"	27' 7 3/8"	5' 3 1/8"	102' 5 1/2"	4' 4 11/16"	INF
8'	5' 3 5/8"	16' 3 5/16"	4' 7 13/16"	28' 6 1/8"	3' 11 5/8"	INF
7'	4' 10 3/16"	12' 7 1/8"	4' 3 5/8"	18' 9 15/16"	3' 8 1/2"	62' 9 5/8"
6'	4' 4 3/16"	9' 7 15/16"	3' 10 7/8"	12' 11 3/8"	3' 4 7/8"	24' 10 7/8"
5' 6"	4'	8' 4 15/16"	3' 8 5/16"	10' 9 5/8"	3' 2 7/8"	17' 11 13/16"
5'	3' 9 5/8"	7' 3 5/8"	3' 5 1/2"	9'	3'	13' 6"
4' 6"	3' 6 1/8"	6' 3 5/16"	3' 2 5/8"	7' 6"	2' 10 1/2"	10' 4 3/16"
4'	3' 2 3/8"	5' 3 15/16"	2' 11 1/2"	6' 2 5/16"	2' 7 15/16"	8'
3' 9"	3'	4' 10 11/16"	2' 9 13/16"	5' 7 5/16"	2' 6 11/16"	7'
3' 6"	2' 10 1/2"	4' 5 11/16"	2' 8 1/8"	5'	2' 5 5/16"	6' 2 1/2"
3' 3"	2' 8 1/2"	4'	2' 6 3/8"	4' 6 5/8"	2' 3 13/16"	5' 5 3/8"
3'	2' 6 3/8"	3' 8 3/16"	2' 4 1/2"	4'	2' 2 3/16"	4' 9 3/16"
2' 9"	2' 4 3/16"	3' 3 11/16"	2' 2 5/8"	3' 7 3/8"	2'	4' 1 7/8"
2' 6"	2' 1 15/16"	2' 11 3/8"	2'	3' 2 5/16"	1' 11"	3' 7 3/16"
2' 3"	1' 11 13/16"	2' 7 5/16"	1' 10 5/8"	2' 9 1/2"	1' 9 3/16"	3' 1 3/16"
2'	1' 9 3/8"	2' 3 5/16"	1' 8 1/2"	2' 4 15/16"	1' 7 5/16"	2' 7 11/16"
23"	1' 8 5/8"	2' 1 15/16"	1' 7 13/16"	2' 3 1/2"	1' 6 11/16"	2' 5 7/8"
22"	1' 7 13/16"	2'	1' 6 15/16"	2' 2 1/8"	1' 6"	2' 4 3/16"
21"	1' 6 15/16"	1' 11 3/8"	1' 6 5/16"	2'	1' 5 3/8"	2' 2 1/2"
20"	1' 6 3/16"	1' 10 3/16"	1' 5 1/2"	1' 11 5/16"	1' 4 11/16"	2' 1"
19"	1' 5 3/8"	1' 9"	1' 4 13/16"	1' 9 7/8"	1' 3 15/16"	1' 11 3/8"
18"	1' 4 1/2"	1' 7 11/16"	1' 3 15/16"	1' 8 5/8"	1' 3 5/16"	1' 9 7/8"
17"	1' 3 11/16"	1' 6 1/2"	1' 3 3/16"	1' 7 5/16"	1' 2 5/8"	1' 8 3/8"



AATMA 50mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	179' 5 4/5"	INF	136' 5 5/7"	INF	96' 6"	INF
50'	39' 1 4/5"	69' 2"	36' 7 2/3"	78' 8 1/5"	32' 11 4/5"	103' 3 2/7"
30'	25' 8 4/5"	35' 11 3/5"	24' 7 1/2"	38' 4 1/2"	22' 11 1/9"	43' 4 8/9"
20'	18' 1/5"	22' 5 2/3"	17' 5 3/5"	23' 4 2/3"	16' 7"	25' 2"
15'	13' 10 1/3"	16' 4 1/5"	13' 6 2/5"	16' 10"	13' 0"	17' 8 2/3"
12'	11' 3"	12' 10 1/5"	11' 1/2"	13' 1 2/3"	10' 8 1/3"	13' 8"
10'	9' 5 4/5"	10' 7"	9' 4"	10' 9 1/3"	9' 1"	11' 1 3/5"
9'	8' 7"	9' 5 3/5"	8' 5 2/5"	9' 7 1/2"	8' 3"	9' 11"
8'	7' 8"	8' 4 2/5"	7' 6 4/5"	8' 5 4/5"	7' 4 4/5"	8' 8 1/2"
7'	6' 9"	7' 3 2/7"	6' 8"	7' 4 2/5"	6' 6 1/2"	7' 6 2/5"
6' 6"	6' 3 2/7"	6' 8 4/5"	6' 2 1/2"	6' 9 4/5"	6' 1 1/5"	6' 11 1/2"
6'	5' 9 5/7"	6' 2 2/5"	5' 9"	6' 3 1/5"	5' 8"	6' 4 3/5"
5' 6"	5' 4"	5' 8"	5' 3 1/2"	5' 8 5/7"	5' 2 1/2"	5' 9 4/5"
5'	4' 10 2/5"	5' 1 5/7"	4' 9 8/9"	5' 2 1/5"	4' 9 1/9"	5' 3 1/5"
4' 9"	4' 7 3/5"	4' 10 1/2"	4' 7 1/5"	4' 11"	4' 6 2/5"	4' 11 4/5"
4' 6"	4' 4 5/7"	4' 7 2/5"	4' 4 2/5"	4' 7 4/5"	4' 3 5/7"	4' 8 3/5"
4' 3"	4' 1 8/9"	4' 4 1/5"	4' 1 1/2"	4' 4 3/5"	4' 8/9"	4' 5 1/5"
4'	3' 11"	4' 1"	3' 10 5/7"	4' 1 2/5"	3' 10 1/5"	4' 2"
3' 9"	3' 8 1/9"	3' 9 8/9"	3' 7 4/5"	3' 10 1/5"	3' 7 2/5"	3' 10 5/7"
3' 6"	3' 5 1/5"	3' 6 4/5"	3' 5"	3' 7 1/9"	3' 4 3/5"	3' 7 1/2"
3' 3"	3' 2 2/5"	3' 3 5/7"	3' 2 1/5"	3' 3 8/9"	3' 1 4/5"	3' 4 2/7"
3'	2' 11 2/5"	3' 3/5"	2' 11 2/7"	3' 5/7"	2' 11"	3' 1 1/9"
2' 9"	2' 8 1/2"	2' 9 1/2"	2' 8 2/5"	2' 9 3/5"	2' 8 1/9"	2' 9 8/9"
2' 6"	2' 5 3/5"	2' 6 2/5"	2' 5 1/2"	2' 6 1/2"	2' 5 1/3"	2' 6 2/3"
2' 3"	2' 2 2/3"	2' 3 1/3"	2' 2 3/5"	2' 3 2/5"	2' 2 2/5"	2' 3 3/5"
2'	1' 11 4/5"	2' 1/3"	1' 11 2/3"	2' 1/3"	1' 11 3/5"	2' 1/2"
23"	1' 10 4/5"	1' 11 1/5"	1' 10 2/3"	1' 11 1/3"	1' 10 3/5"	1' 11 2/5"
22"	1' 9 4/5"	1' 10 1/5"	1' 9 2/3"	1' 10 1/3"	1' 9 3/5"	1' 10 2/5"
21"	1' 8 4/5"	1' 9 1/5"	1' 8 2/3"	1' 9 1/5"	1' 8 3/5"	1' 9 1/3"
20"	1' 7 4/5"	1' 8 1/5"	1' 7 4/5"	1' 8 1/5"	1' 7 2/3"	1' 8 1/3"
19"	1' 6 8/9"	1' 7 1/5"	1' 6 4/5"	1' 7 1/5"	1' 6 5/7"	1' 7 1/3"
18"	1' 5 8/9"	1' 6 1/9"	1' 5 4/5"	1' 6 1/5"	1' 5 2/3"	1' 6 1/5"



AATMA 50mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	68' 3 1/2"	INF	48' 3 2/7"	INF	34' 1 8/9"	INF
50'	28' 11"	184' 7"	24' 7 1/3"	INF	20' 4"	INF
30'	20' 10 3/5"	53' 2 8/9"	18' 6 1/2"	78' 5 3/5"	16' 1/5"	236' 3 1/5"
20'	15' 6"	28' 2 1/9"	14' 2"	33' 11 1/5"	12' 8"	47' 8"
15'	12' 4"	19' 2"	11' 5 2/3"	21' 7 4/5"	10' 5 1/2"	26' 6 1/9"
12'	10' 2 4/5"	14' 6 1/5"	9' 7 5/7"	15' 10 4/5"	8' 11"	18' 4 1/3"
10'	8' 9"	11' 8 1/5"	8' 3 5/7"	12' 6 2/3"	7' 9 1/5"	14' 1/2"
9'	7' 11 3/5"	10' 4"	7' 7 1/3"	11' 1/5"	7' 1 4/5"	12' 1 3/5"
8'	7' 2"	9' 2/5"	6' 10 3/5"	9' 6 3/5"	6' 6"	10' 4 1/2"
7'	6' 4 2/5"	7' 9 2/5"	6' 1 3/5"	8' 1 8/9"	5' 10"	8' 9"
6' 6"	5' 11 2/5"	7' 2"	5' 9"	7' 5 4/5"	5' 5 4/5"	7' 11 5/7"
6'	5' 6 2/7"	6' 6 5/7"	5' 4 2/3"	6' 10 3/5"	5' 1 1/2"	7' 2 4/5"
5' 6"	5' 1 1/5"	5' 11 3/5"	4' 11 2/5"	6' 2 1/5"	4' 9 1/9"	6' 6 1/5"
5'	4' 8"	5' 4 3/5"	4' 6 1/2"	5' 6 5/7"	4' 4 3/5"	5' 10"
4' 9"	4' 5 2/5"	5' 1 1/9"	4' 4 1/9"	5' 3"	4' 2 2/7"	5' 5 4/5"
4' 6"	4' 2 4/5"	4' 9 5/7"	4' 1 3/5"	4' 11 2/7"	3' 11 8/9"	5' 1 8/9"
4' 3"	4' 1/9"	4' 6 1/5"	3' 11"	4' 7 2/3"	3' 9 1/2"	4' 9 8/9"
4'	3' 9 2/5"	4' 2 4/5"	3' 8 1/2"	4' 4 1/9"	3' 7 1/9"	4' 6 1/9"
3' 9"	3' 6 4/5"	3' 11 1/2"	3' 6"	4' 3/5"	3' 4 5/7"	4' 2 2/7"
3' 6"	3' 4 1/9"	3' 8 1/5"	3' 3 2/7"	3' 9"	3' 2 2/7"	3' 10 3/5"
3' 3"	3' 1 2/7"	3' 4 8/9"	3' 5/7"	3' 5 5/7"	2' 11 4/5"	3' 6 8/9"
3'	2' 10 3/5"	3' 1 1/2"	2' 10"	3' 2 1/5"	2' 9 1/5"	3' 3 1/5"
2' 9"	2' 7 4/5"	2' 10 2/7"	2' 7 1/3"	2' 10 8/9"	2' 6 2/3"	2' 11 5/7"
2' 6"	2' 5"	2' 7 1/9"	2' 4 3/5"	2' 7 1/2"	2' 4 1/9"	2' 8 1/5"
2' 3"	2' 2 1/5"	2' 3 8/9"	2' 1 8/9"	2' 4 1/5"	2' 1 1/2"	2' 4 4/5"
2'	1' 11 2/5"	2' 2/3"	1' 11 1/9"	2' 1"	1' 10 4/5"	2' 1 2/5"
23"	1' 10 2/5"	1' 11 3/5"	1' 10 1/5"	1' 11 8/9"	1' 9 8/9"	2' 1/5"
22"	1' 9 1/2"	1' 10 3/5"	1' 9 1/3"	1' 10 4/5"	1' 9"	1' 11 1/9"
21"	1' 8 1/2"	1' 9 1/2"	1' 8 1/3"	1' 9 2/3"	1' 8 1/9"	1' 10"
20"	1' 7 3/5"	1' 8 2/5"	1' 7 2/5"	1' 8 3/5"	1' 7 1/5"	1' 8 8/9"
19"	1' 6 3/5"	1' 7 2/5"	1' 6 1/2"	1' 7 3/5"	1' 6 1/3"	1' 7 4/5"
18"	1' 5 3/5"	1' 6 2/5"	1' 5 1/2"	1' 6 1/2"	1' 5 2/7"	1' 6 5/7"



AATMA 50mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	24' 2"	INF	17' 1"	INF	12' 1"	INF
50'	16' 4"	INF	12' 9 1/5"	INF	9' 9"	INF
30'	13' 5"	INF	10' 11"	INF	8' 7 4/5"	INF
20'	10' 11 4/5"	111' 5 1/2"	9' 3"	INF	7' 6 4/5"	INF
15'	9' 3 1/2"	38' 10"	8' 2/7"	113' 10"	6' 8 4/5"	INF
12'	8' 5/7"	23' 6 1/5"	7' 1"	39' 2/3"	6' 5/7"	593' 9 2/5"
10'	7' 1 2/7"	16' 10 1/3"	6' 4 1/5"	23' 6 4/5"	5' 6"	53' 9 3/5"
9'	6' 7"	14' 2 1/5"	5' 11 1/5"	18' 7 3/5"	5' 2 2/5"	33' 5 8/9"
8'	6' 1/2"	11' 10"	5' 5 4/5"	14' 9 1/3"	4' 10 1/5"	22' 9 1/9"
7'	5' 5 1/2"	9' 9 1/5"	5' 0"	11' 8"	4' 5 5/7"	16' 1 3/5"
6' 6"	5' 1 4/5"	8' 9 5/7"	4' 8 8/9"	10' 4"	4' 3 1/5"	13' 8"
6'	4' 10"	7' 11"	4' 5 5/7"	9' 1 2/5"	4' 3/5"	11' 7 1/3"
5' 6"	4' 6 1/9"	7' 5/7"	4' 2 2/7"	7' 12"	3' 9 4/5"	9' 10 1/5"
5'	4' 2"	6' 3"	3' 10 4/5"	6' 11 5/7"	3' 6 4/5"	8' 4"
4' 9"	3' 11 8/9"	5' 10 2/5"	3' 8 8/9"	6' 6"	3' 5 2/7"	7' 8"
4' 6"	3' 9 4/5"	5' 5 4/5"	3' 7 1/9"	6' 2/5"	3' 3 5/7"	7' 2/7"
4' 3"	3' 7 3/5"	5' 1 2/5"	3' 5 1/9"	5' 7"	3' 2 1/9"	6' 5"
4'	3' 5 2/5"	4' 9"	3' 3 1/5"	5' 1 8/9"	3' 2/5"	5' 10 2/7"
3' 9"	3' 3 1/5"	4' 4 4/5"	3' 1 1/5"	4' 9"	2' 10 5/7"	5' 4"
3' 6"	3' 8/9"	4' 5/7"	2' 11 1/9"	4' 4 1/5"	2' 8 8/9"	4' 10"
3' 3"	2' 10 3/5"	3' 8 5/7"	2' 9"	3' 11 3/5"	2' 7 1/9"	4' 4 2/5"
3'	2' 8 1/5"	3' 4 4/5"	2' 6 8/9"	3' 7 1/9"	2' 5 1/9"	3' 11"
2' 9"	2' 5 4/5"	3' 8/9"	2' 4 2/3"	3' 2 8/9"	2' 3 1/5"	3' 6"
2' 6"	2' 3 2/5"	2' 9 1/5"	2' 2 2/5"	2' 10 4/5"	2' 1 1/9"	3' 1 1/5"
2' 3"	2' 8/9"	2' 5 3/5"	2' 1/9"	2' 6 4/5"	1' 11"	2' 8 3/5"
2'	1' 10 1/3"	2' 2"	1' 9 2/3"	2' 2 8/9"	1' 8 4/5"	2' 4 1/3"
23"	1' 9 2/5"	2' 4/5"	1' 8 8/9"	2' 1 3/5"	1' 8 1/9"	2' 2 8/9"
22"	1' 8 3/5"	1' 11 3/5"	1' 8"	2' 2/5"	1' 7 1/3"	2' 1 1/2"
21"	1' 7 2/3"	1' 10 1/2"	1' 7 1/5"	1' 11 1/9"	1' 6 3/5"	2' 1/5"
20"	1' 6 4/5"	1' 9 1/3"	1' 6 2/5"	1' 9 8/9"	1' 5 4/5"	1' 10 4/5"
19"	1' 6"	1' 8 1/5"	1' 5 3/5"	1' 8 2/3"	1' 5"	1' 9 1/2"
18"	1' 5 1/9"	1' 7"	1' 4 2/3"	1' 7 1/2"	1' 4 1/5"	1' 8 1/5"



AATMA 65mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	302' 10 1/2"	INF	230' 4 2/3"	INF	162' 11 2/5"	INF
100'	75' 3 2/5"	148' 10 2/5"	69' 10"	176' 2/5"	62' 4/5"	257' 2 2/7"
50'	42' 11 3/5"	59' 9 1/2"	41' 1 3/5"	63' 8 4/5"	38' 3 4/5"	71' 11 1/5"
30'	27' 3 8/9"	33' 3"	26' 6 8/9"	34' 5 1/3"	25' 4 1/2"	36' 8 1/3"
25'	23' 1 2/5"	27' 2 3/5"	22' 6 8/9"	28' 1/9"	21' 8 1/2"	29' 5 2/3"
20'	18' 9 1/3"	21' 4 2/3"	18' 5 1/9"	21' 10 1/2"	17' 10"	22' 9 1/9"
15'	8' 9"	9' 3 1/5"	8' 8"	9' 4 2/7"	8' 6 1/2"	9' 6"
12'	11' 6 3/5"	12' 5 4/5"	11' 5"	12' 7 4/5"	11' 2 1/3"	12' 11 1/5"
10'	9' 8 2/7"	10' 4"	9' 7 1/9"	10' 5 2/7"	9' 5 1/5"	10' 7 5/7"
9'	8' 9"	9' 3 1/5"	8' 8"	9' 4 2/7"	8' 6 1/2"	9' 6"
8'	7' 9 3/5"	8' 2 1/2"	7' 9"	8' 3 1/3"	7' 7 3/5"	8' 4 4/5"
7' 6"	7' 4"	7' 8 1/5"	7' 3 1/5"	7' 9"	7' 2 1/5"	7' 10 1/5"
7'	6' 10 1/5"	7' 2"	6' 9 3/5"	7' 2 3/5"	6' 8 5/7"	7' 3 5/7"
6' 6"	6' 4 2/5"	6' 7 3/5"	6' 4	6' 8 1/5"	6' 3"	6' 9"
6'	5' 10 2/3"	6' 1 2/5"	5' 10 1/5"	6' 2"	5' 9 1/2"	6' 2 5/7"
5' 6"	5' 5"	5' 7 1/5"	5' 4 1/2"	5' 7 1/2"	5' 4"	5' 8 1/5"
5'	4' 11"	5' 1"	4' 10 4/5"	5' 1 1/3"	4' 10 1/3"	5' 1 4/5"
4' 9"	4' 8 1/5"	4' 10"	4' 7 8/9"	4' 10 1/9"	4' 7 1/2"	4' 10 3/5"
4' 6"	4' 5 2/7"	4' 6 4/5"	4' 5"	4' 7"	4' 4 3/5"	4' 7 1/2"
4' 3"	4' 2 2/7"	4' 3 5/7"	4' 2"	4' 4"	4' 1 4/5"	4' 4 1/3"
4'	3' 11 2/5"	4' 3/5"	3' 11 1/5"	4' 4/5"	3' 10 8/9"	4' 1 1/9"
3' 9"	3' 8 1/2"	3' 9 1/2"	3' 8 2/7"	3' 9 5/7"	3' 8"	3' 10"
3' 6"	3' 5 3/5"	3' 6 1/2"	3' 5 2/5"	3' 6 3/5"	3' 5 1/5"	3' 6 8/9"
3' 3"	3' 2 3/5"	3' 3 2/5"	3' 2 1/2"	3' 3 1/2"	3' 2 2/7"	3' 3 4/5"
3'	2' 11 5/7"	3' 2/7"	2' 11 3/5"	3' 2/5"	2' 11 2/5"	3' 3/5"
2' 9"	2' 8 5/7"	2' 9 2/7"	2' 8 3/5"	2' 9 2/5"	2' 8 1/2"	2' 9 1/2"
2' 6"	2' 5 4/5"	2' 6 1/5"	2' 5 5/7"	2' 6 2/7"	2' 5 3/5"	2' 6 2/5"
2' 3"	2' 4/5"	2' 3 1/5"	2' 2 4/5"	2' 3 1/5"	2' 2 5/7"	2' 3 2/7"
2'	1' 11 8/9"	2' 1/5"	1' 11 4/5"	2' 1/5"	1' 11 4/5"	2' 2/7"



AATMA 65mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	115' 4 1/5"	INF	81' 6 5/7"	INF	57' 8 3/5"	INF
100'	53' 7 4/5"	734' 6 2/7"	45'	INF	36' 7 8/9"	INF
50'	34' 11 1/3"	87' 10 1/2"	31' 5/7"	128' 2"	26' 10 1/5"	362' 4 1/5"
30'	23' 10 1/5"	40' 5 1/9"	21' 11 4/5"	47' 2 4/5"	19' 9 1/2"	61' 11 2/5"
25'	20' 7"	31' 10"	19' 2 1/9"	35' 10 4/5"	17' 6"	43' 9 1/2"
20'	17' 8/9"	24' 1 3/5"	16' 1 1/5"	26' 4 4/5"	14' 10 4/5"	30' 5 1/9"
15'	8' 4 2/5"	9' 9"	8' 1 1/2"	10' 1"	7' 9 5/7"	10' 7 2/5"
12'	10' 10 2/3"	13' 4 2/5"	10' 5 4/5"	14' 1/3"	9' 11 3/5"	15' 1"
10'	9' 2 3/5"	10' 11"	8' 11 1/5"	11' 4 1/3"	8' 6 3/5"	12' 1/2"
9'	8' 4 2/5"	9' 9"	8' 1 1/2"	10' 1"	7' 9 5/7"	10' 7 2/5"
8'	7' 6"	8' 7"	7' 3 3/5"	8' 10 1/9"	7' 3/5"	9' 3"
7' 6"	7' 5/7"	8' 0"	6' 10 3/5"	8' 2 4/5"	6' 8"	8' 7"
7'	6' 7 2/5"	7' 5 2/7"	6' 5 3/5"	7' 7 3/5"	6' 3 1/5"	7' 11 1/5"
6' 6"	6' 2"	6' 10 1/2"	6' 2/5"	7' 1/2"	5' 10 1/3"	7' 3 1/2"
6'	5' 8 3/5"	6' 3 4/5"	5' 7 1/5"	6' 5 1/2"	5' 5 2/5"	6' 8"
5' 6"	5' 3 1/9"	5' 9"	5' 2"	5' 10 3/5"	5' 1/2"	6' 3/5"
5'	4' 9 3/5"	5' 2 3/5"	4' 8 5/7"	5' 3 5/7"	4' 7 2/5"	5' 5 2/5"
4' 9"	4' 7"	4' 11 2/7"	4' 6"	5' 2/5"	4' 8/9"	5' 1 8/9"
4' 6"	4' 4 1/9"	4' 8"	4' 3 2/7"	4' 9"	4' 2 2/7"	4' 10 1/3"
4' 3"	4' 1 1/3"	4' 4 4/5"	4' 3/5"	4' 5 3/5"	3' 11 5/7"	4' 6 4/5"
4'	3' 10 1/2"	4' 1 3/5"	3' 9 8/9"	4' 2 2/7"	3' 9"	4' 3 2/5"
3' 9"	3' 7 5/7"	3' 10 2/5"	3' 7 1/9"	3' 11"	3' 6 2/5"	3' 12"
3' 6"	3' 4 4/5"	3' 7 1/5"	3' 4 2/5"	3' 7 4/5"	3' 3 5/7"	3' 8 1/2"
3' 3"	3' 2"	3' 4 1/9"	3' 1 3/5"	3' 4 1/2"	3' 1 1/9"	3' 5 1/5"
3'	2' 11 1/9"	3' 8/9"	2' 10 4/5"	3' 1 2/7"	2' 10 2/7"	3' 1 4/5"
2' 9"	2' 8 2/7"	2' 9 5/7"	2' 8"	2' 10"	2' 7 3/5"	2' 10 1/2"
2' 6"	2' 5 2/5"	2' 6 3/5"	2' 5 1/5"	2' 6 8/9"	2' 4 8/9"	2' 7 1/5"
2' 3"	2' 2 1/2"	2' 3 1/2"	2' 2/5"	2' 3 2/3"	2' 2 1/9"	2' 4"
2'	1' 11 3/5"	2' 2/5"	1' 11 1/2"	2' 3/5"	1' 11 1/3"	2' 4/5"



AATMA 65mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	40' 10"	INF	28' 10 2/5"	INF	20' 5"	INF
100'	29' 3/5"	INF	22' 5 2/7"	INF	16' 11 4/5"	INF
50'	22' 6 2/5"	INF	18' 4 1/3"	INF	14' 6 1/2"	INF
30'	17' 4 1/5"	110' 9"	14' 9 1/5"	INF	12' 2 2/5"	INF
25'	15' 6 2/3"	63' 6 4/5"	13' 5 2/5"	176' 5 2/5"	11' 3 1/2"	INF
20'	13' 5 2/3"	38' 9 2/5"	11' 10 2/5"	63' 6 2/7"	10' 1 8/9"	647' 3"
15'	7' 5"	11' 5 3/5"	6' 10 4/5"	12' 11 1/5"	6' 3 1/2"	15' 9 3/5"
12'	9' 3 4/5"	16' 10 2/5"	8' 6 1/3"	20' 3 2/5"	7' 7 1/3"	28' 4 2/3"
10'	8' 4/5"	13' 1 4/5"	7' 5 3/5"	15' 1 1/2"	6' 9"	19' 2 1/2"
9'	7' 5"	11' 5 3/5"	6' 10 4/5"	12' 11 1/5"	6' 3 1/2"	15' 9 3/5"
8'	6' 8 3/5"	9' 10 3/5"	6' 3 3/5"	10' 11 2/5"	5' 9 1/2"	12' 11"
7' 6"	6' 4 2/5"	9' 1 1/2"	5' 12"	10' 2/5"	5' 6 2/7"	11' 7 8/9"
7'	6'	8' 4 4/5"	5' 8"	9' 1 4/5"	5' 3 1/9"	10' 6"
6' 6"	5' 7 3/5"	7' 8 1/5"	5' 4"	8' 3 5/7"	4' 11 3/5"	9' 4 5/7"
6'	5' 3 1/9"	6' 12"	5'	7' 6"	4' 8"	8' 4 1/2"
5' 6"	4' 10 2/5"	6' 3 4/5"	4' 7 4/5"	6' 8 4/5"	4' 4 2/5"	7' 5"
5'	4' 5 5/7"	5' 8"	4' 3 1/2"	5' 12"	4' 3/5"	6' 6 2/5"
4' 9"	4' 3 2/7"	5' 4"	4' 1 1/3"	5' 7 3/5"	3' 10 3/5"	6' 1 1/3"
4' 6"	4' 1"	5' 2/5"	3' 11"	5' 3 2/5"	3' 8 3/5"	5' 8 2/5"
4' 3"	3' 10 2/5"	4' 8 3/5"	3' 8 5/7"	4' 11 2/7"	3' 6 3/5"	5' 3 1/2"
4'	3' 7 8/9"	4' 4 8/9"	3' 6 2/5"	4' 7 1/5"	3' 4 1/2"	4' 10 8/9"
3' 9"	3' 5 2/5"	4' 1 1/3"	3' 4 1/9"	4' 3 2/7"	3' 2 2/5"	4' 6 2/5"
3' 6"	3' 3"	3' 9 5/7"	3' 1 5/7"	3' 11 2/5"	3' 1/5"	4' 2"
3' 3"	3' 2/7"	3' 6 1/5"	2' 11 2/7"	3' 7 3/5"	2' 10"	3' 9 4/5"
3'	2' 9 5/7"	3' 2 3/5"	2' 8 4/5"	3' 3 4/5"	2' 7 2/3"	3' 5 5/7"
2' 9"	2' 7 1/9"	2' 11 1/5"	2' 6 2/7"	3' 1/5"	2' 5 1/3"	3' 1 5/7"
2' 6"	2' 4 2/5"	2' 7 4/5"	2' 3 4/5"	2' 8 3/5"	2' 3"	2' 9 4/5"
2' 3"	2' 1 2/3"	2' 4 2/5"	2' 1 1/5"	2' 5 1/9"	2' 3/5"	2' 6"
2'	1' 11"	2' 1 1/9"	1' 10 3/5"	2' 1 3/5"	1' 10 1/9"	2' 2 1/3"



AATMA 85mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	516' 7 1/3"	INF	393' 2 1/2"	INF	278' 3 1/5"	INF
100'	83' 10 8/9"	123' 8 4/5"	79' 10 1/9"	133' 9 1/5"	73' 8 1/5"	155' 6 5/7"
50'	45' 7 3/5"	55' 3 1/2"	44' 4 8/9"	57' 2 2/5"	42' 5 1/3"	60' 10"
40'	37' 1 8/9"	43' 3 5/7"	36' 4 1/9"	44' 5 5/7"	35' 1/5"	46' 7 3/5"
30'	28' 4 1/2"	31' 9 4/5"	27' 10 4/5"	32' 5 1/3"	27' 1 2/5"	33' 6 8/9"
25'	23' 10 2/5"	26' 3"	23' 6 1/3"	26' 8"	22' 11 3/5"	27' 5 1/9"
20'	19' 3 1/5"	20' 9 1/2"	19' 3/5"	21' 3/5"	18' 8 1/5"	21' 6 1/5"
18'	17' 5"	18' 7 3/5"	17' 2 2/3"	18' 10"	16' 11"	19' 2 3/5"
16'	15' 6 2/5"	16' 6"	15' 4 2/3"	16' 8"	15' 1 4/5"	16' 11 1/2"
14'	13' 7 2/3"	14' 4 1/2"	13' 6 2/5"	14' 6"	13' 4"	14' 8 2/3"
12'	11' 8 4/5"	12' 3 1/3"	11' 8"	12' 4 2/5"	11' 6 1/5"	12' 6 1/3"
11'	10' 9 1/3"	11' 2 4/5"	10' 8 1/2"	11' 3 2/3"	10' 7 1/9"	11' 5 1/3"
10'	9' 9 4/5"	10' 2 2/7"	9' 9"	10' 3"	9' 8"	10' 4 2/7"
9'	8' 10 1/5"	9' 1 4/5"	8' 9 5/7"	9' 2 2/5"	8' 8 5/7"	9' 3 1/2"
8' 6"	8' 4 2/5"	8' 7 3/5"	8' 4"	8' 8 1/5"	8' 3"	8' 9"
8'	7' 10 3/5"	8' 1 2/5"	7' 10"	8' 2"	7' 9 2/5"	8' 2 5/7"
7' 6"	7' 4 4/5"	7' 7 2/7"	7' 4 2/5"	7' 7 5/7"	7' 3 5/7"	7' 8 2/5"
7'	6' 11"	7' 1"	6' 10 3/5"	7' 1 1/2"	6' 10"	7' 2"
6' 6"	6' 5"	6' 7"	6' 4 4/5"	6' 7 1/5"	6' 4 2/7"	6' 7 4/5"
6'	5' 11 1/5"	6' 4/5"	5' 11"	6' 1"	5' 10 3/5"	6' 1 1/2"
5' 9"	5' 8 2/7"	5' 9 4/5"	5' 8"	5' 10"	5' 7 5/7"	5' 10 2/5"
5' 6"	5' 5 2/7"	5' 6 5/7"	5' 5"	5' 7"	5' 4 4/5"	5' 7 1/5"
5' 3"	5' 2 2/5"	5' 3 3/5"	5' 2 1/5"	5' 3 4/5"	5' 1 8/9"	5' 4"
5'	4' 11 1/2"	5' 1/2"	4' 11 2/7"	5' 5/7"	4' 11"	5' 1"
4' 9"	4' 8 1/2"	4' 9 1/2"	4' 8 2/5"	4' 9 5/7"	4' 8 1/9"	4' 9 8/9"
4' 6"	4' 5 3/5"	4' 6 1/2"	4' 5 2/5"	4' 6 3/5"	4' 5 1/5"	4' 6 4/5"
4' 3"	4' 2 3/5"	4' 3 2/5"	4' 2 1/2"	4' 3 1/2"	4' 2 2/7"	4' 3 5/7"
4'	3' 11 5/7"	4' 2/7"	3' 11 1/2"	4' 2/5"	3' 11 2/5"	4' 3/5"
3' 9"	3' 8 5/7"	3' 9 2/7"	3' 8 3/5"	3' 9 2/5"	3' 8 2/5"	3' 9 3/5"
3' 6"	3' 5 5/7"	3' 6 2/7"	3' 5 5/7"	3' 6 2/5"	3' 5 1/2"	3' 6 1/2"
3' 3"	3' 2 4/5"	3' 3 1/5"	3' 2 5/7"	3' 3 2/7"	3' 2 3/5"	3' 3 2/5"
3'	2' 11 4/5"	3' 1/5"	2' 11 5/7"	3' 1/5"	2' 11 3/5"	3' 2/7"
2' 9"	2' 8 4/5"	2' 9 1/9"	2' 8 4/5"	2' 9 1/5"	2' 8 5/7"	2' 9 2/7"



AATMA 85mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	197' 4/5"	INF	139' 4 2/5"	INF	98' 7 4/5"	INF
100'	66' 5 2/5"	201' 11 2/5"	58' 4"	350' 2/3"	49' 9 1/9"	INF
50'	39' 11 1/3"	66' 9 4/5"	36' 10 2/5"	77' 7 8/9"	33' 3 1/9"	100' 8 2/7"
40'	33' 3 3/5"	50' 4/5"	31' 1 2/3"	55' 10 8/9"	28' 6 1/3"	66' 10 8/9"
30'	26' 8/9"	35' 3 4/5"	24' 8 4/5"	38' 1 2/5"	23' 2/3"	42' 11"
25'	22' 2 3/5"	28' 6 8/9"	21' 3"	30' 4 3/5"	19' 12"	33' 4 1/5"
20'	18' 2 1/5"	22' 2 3/5"	17' 6 1/3"	23' 3 1/2"	16' 8"	24' 11 8/9"
18'	16' 6 1/5"	19' 9 1/3"	15' 11 2/3"	20' 7 2/5"	15' 3"	21' 11 1/5"
16'	14' 10"	17' 4 3/5"	14' 4 3/5"	18' 2/5"	13' 9 3/5"	19' 2/5"
14'	13' 1"	15' 1/2"	12' 9"	15' 6 1/3"	12' 3 1/2"	16' 3"
12'	11' 4"	12' 9"	11' 1"	13' 1 1/5"	10' 8 2/3"	13' 7 2/5"
11'	10' 5 1/5"	11' 7 3/5"	10' 2 3/5"	11' 11"	9' 11"	12' 4 1/9"
10'	9' 6 2/5"	10' 6 1/5"	9' 4 1/5"	10' 9"	9' 1 1/5"	11' 1"
9'	8' 7 2/5"	9' 5"	8' 5 3/5"	9' 7 1/5"	8' 3 1/5"	9' 10 1/2"
8' 6"	8' 2"	8' 10 2/5"	8' 2/7"	9' 2/5"	7' 10 1/5"	9' 3 2/7"
8'	7' 8 2/5"	8' 4"	7' 7"	8' 5 3/5"	7' 5"	8' 8"
7' 6"	7' 2 4/5"	7' 9 2/5"	7' 1 3/5"	7' 11"	6' 12"	8' 1"
7'	6' 9 2/7"	7' 3"	6' 8 1/5"	7' 4 2/7"	6' 6 5/7"	7' 6 1/5"
6' 6"	6' 3 3/5"	6' 8 1/2"	6' 2 5/7"	6' 9 3/5"	6' 1 2/5"	6' 11 1/5"
6'	5' 10"	6' 2 1/5"	5' 9 1/5"	6' 3"	5' 8"	6' 4 2/5"
5' 9"	5' 7 1/5"	5' 11"	5' 6 2/5"	5' 11 4/5"	5' 5 2/5"	6' 1"
5' 6"	5' 4 2/7"	5' 7 4/5"	5' 3 3/5"	5' 8 1/2"	5' 2 5/7"	5' 9 5/7"
5' 3"	5' 1 2/5"	5' 4 3/5"	5' 4/5"	5' 5 2/7"	5' 0"	5' 6 2/7"
5'	4' 10 3/5"	5' 1 1/2"	4' 10"	5' 2 1/9"	4' 9 2/7"	5' 3"
4' 9"	4' 7 5/7"	4' 10 2/7"	4' 7 1/5"	4' 10 8/9"	4' 6 1/2"	4' 11 5/7"
4' 6"	4' 4 8/9"	4' 7 1/5"	4' 4 2/5"	4' 7 5/7"	4' 3 4/5"	4' 8 2/5"
4' 3"	4' 2"	4' 4"	4' 1 3/5"	4' 4 1/2"	4' 1"	4' 5 1/9"
4'	3' 11 1/9"	4' 8/9"	3' 10 5/7"	4' 1 2/7"	3' 10 1/5"	4' 1 8/9"
3' 9"	3' 8 1/5"	3' 9 4/5"	3' 7 8/9"	3' 10 1/9"	3' 7 1/2"	3' 10 3/5"
3' 6"	3' 5 2/7"	3' 6 5/7"	3' 5 1/9"	3' 7"	3' 4 5/7"	3' 7 2/5"
3' 3"	3' 2 2/5"	3' 3 3/5"	3' 2 1/5"	3' 3 8/9"	3' 1 8/9"	3' 4 1/5"
3'	2' 11 1/2"	3' 1/2"	2' 11 2/7"	3' 5/7"	2' 11"	3' 1"
2' 9"	2' 8 3/5"	2' 9 2/5"	2' 8 2/5"	2' 9 3/5"	2' 8 1/5"	2' 9 4/5"



AATMA 85mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	69' 9 3/5"	INF	49' 4 2/7"	INF	34' 10 4/5"	INF
100'	41' 2 2/5"	INF	33' 1 2/5"	INF	25' 11 1/5"	INF
50'	29' 2 1/2"	173' 5 1/5"	24' 11"	INF	20' 7 1/2"	INF
40'	25' 6"	92' 8 3/5"	22' 2"	204' 5 1/5"	18' 8 1/2"	INF
30'	21' 3/5"	52' 2 3/5"	18' 8 2/3"	75' 4 1/5"	16' 2 1/2"	201' 8"
25'	18' 5 3/5"	38' 8 1/3"	16' 8"	50' 5/7"	14' 7 3/5"	85' 7 1/2"
20'	15' 7 1/5"	27' 10 2/5"	14' 3 1/2"	33' 3 3/5"	12' 9 2/5"	45' 11 1/2"
18'	14' 4 1/3"	24' 1 2/5"	13' 3"	28' 8/9"	11' 11 1/3"	36' 6 3/5"
16'	13' 2/3"	20' 7 4/5"	12' 1 3/5"	23' 5 2/3"	11' 2/5"	29' 1 1/3"
14'	11' 8 2/5"	17' 5"	10' 11 1/2"	19' 4 3/5"	10' 3/5"	23' 2/3"
12'	10' 3 2/7"	14' 5"	9' 8 2/5"	15' 8 4/5"	8' 11 4/5"	18' 4/5"
11'	9' 6 2/5"	12' 12"	9' 1/2"	14' 3/5"	8' 5"	15' 10 1/2"
10'	8' 9 2/7"	11' 7 2/5"	8' 4 2/7"	12' 5 2/5"	7' 10"	13' 10 1/3"
9'	8' 0"	10' 3 2/5"	7' 7 4/5"	10' 11 1/5"	7' 2 2/5"	11' 12"
8' 6"	7' 7 2/7"	9' 7 3/5"	7' 3 2/5"	10' 2 2/5"	6' 10 3/5"	11' 1 2/5"
8'	7' 2 2/5"	8' 12"	6' 11"	9' 5 4/5"	6' 6 3/5"	10' 3 1/5"
7' 6"	6' 9 3/5"	8' 4 2/5"	6' 6 1/2"	8' 9 2/5"	6' 2 3/5"	9' 5 1/2"
7'	6' 4 3/5"	7' 9"	6' 2"	8' 1 2/7"	5' 10 1/2"	8' 8"
6' 6"	5' 11 3/5"	7' 1 3/5"	5' 9 2/7"	7' 5 1/5"	5' 6 1/5"	7' 11"
6'	5' 6 3/5"	6' 6 2/5"	5' 4 1/2"	6' 9 2/5"	5' 1 8/9"	7' 2"
5' 9"	5' 4"	6' 3"	5' 2 1/9"	6' 5 3/5"	4' 11 5/7"	6' 9 4/5"
5' 6"	5' 1 2/5"	5' 11 2/7"	4' 11 5/7"	6' 1 4/5"	4' 9 2/5"	6' 5 3/5"
5' 3"	4' 10 4/5"	5' 7 4/5"	4' 9 1/5"	5' 10"	4' 7 1/9"	6' 1 2/5"
5'	4' 8 1/5"	5' 4 2/7"	4' 6 4/5"	5' 6 2/7"	4' 4 8/9"	5' 9 2/5"
4' 9"	4' 5 3/5"	5' 8/9"	4' 4 2/7"	5' 2 5/7"	4' 2 1/2"	5' 5 2/5"
4' 6"	4' 2 8/9"	4' 9 1/2"	4' 1 4/5"	4' 11 1/9"	4' 1/5"	5' 1 2/5"
4' 3"	4' 1/5"	4' 6 1/9"	3' 11 1/5"	4' 7 2/5"	3' 9 4/5"	4' 9 1/2"
4'	3' 9 3/5"	4' 2 5/7"	3' 8 3/5"	4' 3 8/9"	3' 7 2/5"	4' 5 5/7"
3' 9"	3' 6 8/9"	3' 11 2/5"	3' 6"	4' 2/5"	3' 4 8/9"	4' 2"
3' 6"	3' 4 1/5"	3' 8"	3' 3 2/5"	3' 8 8/9"	3' 2 1/2"	3' 10 2/7"
3' 3"	3' 1 2/5"	3' 4 5/7"	3' 4/5"	3' 5 1/2"	3' 0"	3' 6 3/5"
3'	2' 10 3/5"	3' 1 2/5"	2' 10 1/9"	3' 2 1/9"	2' 9 2/5"	3' 3"
2' 9"	2' 7 8/9"	2' 10 1/5"	2' 7 2/5"	2' 10 5/7"	2' 6 4/5"	2' 11 1/2"



AATMA 100mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	713' 3 8/9"	INF	543' 3"	INF	384' 7 4/5"	INF
200'	156' 6 3/5"	276' 9 8/9"	146' 6"	315' 1/2"	131' 10 2/5"	413' 9 8/9"
100'	87' 10"	116' 1"	84' 7"	122' 3 1/2"	79' 6"	134' 9"
60'	55' 4 8/9"	65' 5"	54' 1 1/5"	67' 4 1/5"	51' 11 5/7"	70' 11 1/2"
50'	46' 9 2/7"	53' 8 1/2"	45' 10"	54' 12"	44' 3 5/7"	57' 4 1/2"
40'	37' 10 8/9"	42' 4"	37' 3 1/2"	43' 1 1/2"	36' 3 2/7"	44' 6 8/9"
30'	28' 9 5/7"	31' 3 1/2"	28' 5 1/2"	31' 8 2/3"	27' 10 1/3"	32' 6"
25'	24' 2 1/9"	25' 10 2/3"	23' 11"	26' 2 1/5"	23' 6"	26' 8 1/2"
20'	19' 5 3/5"	20' 6 5/7"	19' 3 5/7"	20' 9"	19' 2/5"	21' 8/9"
18'	17' 6 4/5"	18' 5 2/5"	17' 5 1/5"	18' 7 1/5"	17' 2 1/2"	18' 10 1/3"
16'	15' 7 8/9"	16' 4 1/3"	15' 6 2/3"	16' 5 2/3"	15' 4 1/2"	16' 8 1/9"
15'	14' 8 2/5"	15' 3 2/3"	14' 7 1/3"	15' 5"	14' 5 2/5"	15' 7 1/9"
14'	13' 9"	14' 3 1/5"	13' 7 8/9"	14' 4 1/3"	13' 6 1/3"	14' 6 1/5"
13'	12' 9 1/3"	13' 2 4/5"	12' 8 1/2"	13' 3 2/3"	12' 7"	13' 5 1/3"
12'	11' 9 2/3"	12' 2 2/5"	11' 9"	12' 3 1/5"	11' 7 4/5"	12' 4 1/2"
11'	10' 10 1/9"	11' 2"	10' 9 1/2"	11' 2 3/5"	10' 8 1/2"	11' 3 4/5"
10'	9' 10 2/5"	10' 1 3/5"	9' 10"	10' 2 1/5"	9' 9"	10' 3"
9' 6"	9' 4 3/5"	9' 7 1/2"	9' 4 1/9"	9' 8"	9' 3 2/5"	9' 8 4/5"
9'	8' 10 5/7"	9' 1 2/7"	8' 10 2/7"	9' 1 5/7"	8' 9 3/5"	9' 2 1/2"
8' 6"	8' 4 8/9"	8' 7 1/5"	8' 4 1/2"	8' 7 3/5"	8' 4"	8' 8 1/5"
8'	7' 11"	8' 1"	7' 10 2/3"	8' 1 2/7"	7' 10"	8' 1 8/9"
7' 9"	7' 8"	7' 10"	7' 7 2/3"	7' 10 1/3"	7' 7 1/5"	7' 10 4/5"
7' 6"	7' 5"	7' 7"	7' 4 4/5"	7' 7 1/5"	7' 4 2/5"	7' 7 2/3"
7' 3"	7' 2 1/5"	7' 4"	7' 2"	7' 4"	7' 1 1/2"	7' 4 3/5"
7'	6' 11 1/5"	7' 4/5"	6' 11"	7' 1"	6' 10 3/5"	7' 1 1/2"
6' 9"	6' 8 2/7"	6' 9 5/7"	6' 8"	6' 10"	6' 7 2/3"	6' 10 2/5"
6' 6"	6' 5 2/7"	6' 6 5/7"	6' 5"	6' 7"	6' 4 4/5"	6' 7 1/3"
6' 3"	6' 2 2/5"	6' 3 3/5"	6' 2 1/5"	6' 3 4/5"	6' 2"	6' 4 1/5"
6'	5' 11 2/5"	6' 3/5"	5' 11 2/7"	6' 4/5"	5' 11"	6' 1"
5' 9"	5' 8 1/2"	5' 9 1/2"	5' 8 2/7"	5' 9 5/7"	5' 8"	5' 10"
5' 6"	5' 5 1/2"	5' 6 1/2"	5' 5 2/5"	5' 6 3/5"	5' 5"	5' 7"
5' 3"	5' 2 3/5"	5' 3 2/5"	5' 2 2/5"	5' 3 3/5"	5' 2 1/5"	5' 3 4/5"
5'	4' 11 3/5"	5' 2/5"	4' 11 1/2"	5' 1/2"	4' 11 2/7"	5' 5/7"
4' 9"	4' 8 5/7"	4' 9 2/5"	4' 8 3/5"	4' 9 1/2"	4' 8 2/5"	4' 9 5/7"
4' 6"	4' 5 5/7"	4' 6 2/7"	4' 5 3/5"	4' 6 2/5"	4' 5 2/5"	4' 6 3/5"
4' 3"	4' 2 5/7"	4' 3 2/7"	4' 2 3/5"	4' 3 2/5"	4' 2 1/2"	4' 3 1/2"
4'	3' 11 5/7"	4' 1/5"	3' 11 5/7"	4' 2/7"	3' 11 1/2"	4' 1/2"
3' 9"	3' 8 4/5"	3' 9 1/5"	3' 8 5/7"	3' 9 2/7"	3' 8 3/5"	3' 9 2/5"



AATMA 100mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	272' 6"	INF	192' 9 1/3"	INF	136' 5 2/3"	INF
200'	115' 7"	741' 7 2/5"	98' 4 1/3"	INF	81' 3 2/5"	INF
100'	73' 3 2/5"	157' 4 1/2"	65' 11 3/5"	206' 6 3/5"	57' 10"	369' 2"
60'	49' 3"	76' 9"	45' 10 1/9"	86' 9 5/7"	41' 9 1/5"	106' 5 4/5"
50'	42' 3 4/5"	61' 1 1/5"	39' 9 2/7"	67' 3 3/5"	36' 8 1/9"	78' 6 2/5"
40'	34' 11 1/5"	46' 9 1/2"	33' 2 1/5"	50' 4"	31'	56' 4 2/7"
30'	27' 4/5"	33' 7 4/5"	26' 1/9"	35' 5 1/3"	24' 7 4/5"	38' 3 4/5"
25'	22' 11 1/5"	27' 5 4/5"	22' 2"	28' 7 8/9"	21' 2 1/9"	30' 6 1/9"
20'	18' 8"	21' 6 3/5"	18' 1 4/5"	22' 3 1/5"	17' 5 4/5"	23' 4 1/3"
18'	16' 11"	19' 3"	16' 6"	19' 9 5/7"	15' 11 1/3"	20' 8"
16'	15' 1 3/5"	16' 11 2/3"	14' 9 3/5"	17' 5"	14' 4 1/3"	18' 8/9"
15'	14' 2 4/5"	15' 10 1/5"	13' 11 1/3"	16' 2 4/5"	13' 6 3/5"	16' 9 3/5"
14'	13' 4"	14' 8 4/5"	13' 1"	15' 4/5"	12' 8 2/3"	15' 6 2/3"
13'	12' 5"	13' 7 3/5"	12' 2 2/5"	13' 10 8/9"	11' 10 4/5"	14' 4"
12'	11' 6"	12' 6 2/5"	11' 3 4/5"	12' 9 1/3"	11' 2/3"	13' 1 1/2"
11'	10' 7"	11' 5 2/5"	10' 5"	11' 7 2/3"	10' 2 2/5"	11' 11 1/5"
10'	9' 7 8/9"	10' 4 2/5"	9' 6 1/3"	10' 6 1/3"	9' 4 1/9"	10' 9"
9' 6"	9' 2 2/7"	9' 10"	9' 4/5"	9' 11 2/3"	8' 10 4/5"	10' 2 1/5"
9'	8' 8 2/3"	9' 3 1/2"	8' 7 2/5"	9' 5"	8' 5 3/5"	9' 7 2/7"
8' 6"	8' 3"	8' 9 1/5"	8' 1 8/9"	8' 10 1/2"	8' 1/3"	9' 1/2"
8'	7' 9 2/5"	8' 2 4/5"	7' 8 2/7"	8' 4"	7' 7"	8' 5 2/3"
7' 9"	7' 6 1/2"	7' 11 3/5"	7' 5 3/5"	8' 5/7"	7' 4 1/5"	8' 2 2/7"
7' 6"	7' 3 5/7"	7' 8 2/5"	7' 2 4/5"	7' 9 1/2"	7' 1 1/2"	7' 11"
7' 3"	7' 1"	7' 5 2/7"	7'	7' 6 1/5"	6' 10 4/5"	7' 7 3/5"
7'	6' 10"	7' 2"	6' 9 1/5"	7' 3"	6' 8"	7' 4 1/3"
6' 9"	6' 7"	6' 11"	6' 6 2/5"	6' 11 4/5"	6' 5 2/5"	7' 1"
6' 6"	6' 4 1/3"	6' 7 4/5"	6' 3 3/5"	6' 8 3/5"	6' 2 3/5"	6' 9 5/7"
6' 3"	6' 1 2/5"	6' 4 2/3"	6' 4/5"	6' 5 2/5"	5' 12"	6' 6 2/5"
6'	5' 10 1/2"	6' 1 1/2"	5' 10"	6' 2 1/5"	5' 9"	6' 3"
5' 9"	5' 7 2/3"	5' 10 2/5"	5' 7"	5' 11"	5' 6 2/5"	5' 12"
5' 6"	5' 4 4/5"	5' 7 1/3"	5' 4 1/3"	5' 7 4/5"	5' 3 3/5"	5' 8 3/5"
5' 3"	5' 1 8/9"	5' 4"	5' 1 2/5"	5' 4 3/5"	5' 4/5"	5' 5 2/7"
5'	4' 11"	5' 1"	4' 10 3/5"	5' 1 1/2"	4' 10"	5' 2"
4' 9"	4' 8"	4' 10"	4' 7 2/3"	4' 10 1/3"	4' 7 1/5"	4' 10 8/9"
4' 6"	4' 5 1/5"	4' 7"	4' 4 8/9"	4' 7 1/5"	4' 4 2/5"	4' 7 2/3"
4' 3"	4' 2 2/7"	4' 3 5/7"	4' 2"	4' 4"	4' 1 3/5"	4' 4 1/2"
4'	3' 11 2/5"	4' 3/5"	3' 11 1/9"	4' 1"	3' 10 5/7"	4' 1 1/3"
3' 9"	3' 8 2/5"	3' 9 3/5"	3' 8 1/5"	3' 9 4/5"	3' 7 8/9"	3' 10 1/5"



AATMA 100mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	96' 7"	INF	68' 3 1/2"	INF	48' 3 3/5"	INF
200'	65' 3"	INF	51'	INF	38' 11 5/7"	INF
100'	49' 3"	INF	40' 8 1/5"	INF	32' 7 4/5"	INF
60'	37' 1 1/5"	156' 8 1/2"	32' 2/5"	472' 6 2/5"	26' 10 1/5"	INF
50'	33' 2/5"	102' 9 4/5"	28' 11 1/2"	182' 11 3/5"	24' 7 8/9"	INF
40'	28' 4 2/5"	67' 10"	25' 3 5/7"	95' 4"	21' 11 3/5"	223' 4 1/2"
30'	22' 11 1/2"	43' 3 2/5"	20' 11"	53' 1/5"	18' 7"	77' 8 3/5"
25'	19' 11"	33' 6 4/5"	18' 4 2/5"	39' 1 1/2"	16' 6 3/5"	51' 8/9"
20'	16' 7 2/5"	25' 1 1/3"	15' 6 2/5"	28' 1"	14' 2 3/5"	33' 8 4/5"
18'	15' 2 3/5"	22' 1/3"	14' 3 3/5"	24' 3 1/3"	13' 2 1/5"	28' 4 1/2"
16'	13' 9 1/5"	19' 1"	13' 1/5"	20' 9"	12' 1"	23' 8 1/5"
15'	13' 1/3"	17' 8 1/5"	12' 4 1/5"	19' 1 1/5"	11' 6"	21' 6 1/2"
14'	12' 3 1/5"	16' 3 5/7"	11' 8"	17' 6"	10' 10 8/9"	19' 6 1/3"
13'	11' 6"	14' 11 1/2"	10' 11 3/5"	15' 11 1/2"	10' 3 3/5"	17' 7 2/5"
12'	10' 8 1/2"	13' 7 4/5"	10' 3"	14' 5 2/3"	9' 8"	15' 10"
11'	9' 10 8/9"	12' 4 2/5"	9' 6 1/5"	13' 2/5"	9'	14' 1 2/5"
10'	9' 1 1/9"	11' 1 1/3"	8' 9"	11' 7 4/5"	8' 4"	12' 6"
9' 6"	8' 8"	10' 6"	8' 4 1/2"	10' 11 2/3"	7' 11 4/5"	11' 8 2/3"
9'	8' 3"	9' 10 3/5"	7' 11 4/5"	10' 3 5/7"	7' 7 3/5"	10' 11 3/5"
8' 6"	7' 10"	9' 3 2/5"	7' 7"	9' 7 8/9"	7' 3 2/7"	10' 2 4/5"
8'	7' 5"	8' 8 2/7"	7' 2 2/7"	9'	6' 10 4/5"	9' 6"
7' 9"	7' 2 2/5"	8' 4 5/7"	6' 12"	8' 8 2/7"	6' 8 3/5"	9' 1 8/9"
7' 6"	6' 11 4/5"	8' 1 1/5"	6' 9 1/2"	8' 4 3/5"	6' 6 2/5"	8' 9 5/7"
7' 3"	6' 9 1/5"	7' 9 5/7"	6' 7"	8' 4/5"	6' 4"	8' 5 3/5"
7'	6' 6 3/5"	7' 6 1/5"	6' 4 1/2"	7' 9"	6' 1 4/5"	8' 1 1/2"
6' 9"	6' 4"	7' 2 5/7"	6' 2"	7' 5 2/5"	5' 11 1/2"	7' 9 2/5"
6' 6"	6' 1 1/3"	6' 11 2/7"	5' 11 1/2"	7' 1 2/3"	5' 9 1/5"	7' 5 2/5"
6' 3"	5' 10 2/3"	6' 8"	5' 9"	6' 10"	5' 6 4/5"	7' 1 1/2"
6'	5' 8"	6' 4 1/2"	5' 6 1/2"	6' 6 1/2"	5' 4 2/5"	6' 9 3/5"
5' 9"	5' 5 2/5"	6' 1"	5' 4"	6' 3"	5' 2"	6' 5 5/7"
5' 6"	5' 2 3/5"	5' 9 5/7"	5' 1 1/3"	5' 11 2/5"	4' 11 3/5"	6' 2"
5' 3"	4' 11 8/9"	5' 6 2/5"	4' 10 4/5"	5' 8"	4' 9 1/5"	5' 10"
5'	4' 9 1/5"	5' 3"	4' 8 1/5"	5' 4 2/5"	4' 6 5/7"	5' 6 2/5"
4' 9"	4' 6 1/2"	4' 11 5/7"	4' 5 1/2"	5' 1"	4' 4 1/5"	5' 2 4/5"
4' 6"	4' 3 4/5"	4' 8 1/2"	4' 2 8/9"	4' 9 1/2"	4' 1 2/3"	4' 11"
4' 3"	4' 1"	4' 5"	4' 1/5"	4' 6 1/9"	3' 11 1/5"	4' 7 1/2"
4'	3' 10 1/5"	4' 1 8/9"	3' 9 1/2"	4' 2 5/7"	3' 8 3/5"	4' 4"
3' 9"	3' 7 1/2"	3' 10 5/7"	3' 6 8/9"	3' 11 2/5"	3' 6"	4' 2/5"



AATMA 135mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	1.52		2		2.83	
feet	from	to	from	to	from	to
INF	1290' 11 2/5"	INF	984' 9 2/5"	INF	698' 4 3/5"	INF
200'	173' 7"	235' 10 4/5"	166' 7 3/5"	250' 1"	155' 10 1/9"	279' 8/9"
100'	92' 11 2/7"	108' 2 3/5"	90' 11"	111' 1 1/5"	87' 7 2/5"	116' 5 3/5"
60'	57' 4 5/7"	62' 10 2/7"	56' 7 2/5"	63' 9 4/5"	55' 3 8/9"	65' 6 1/2"
50'	48' 2 1/9"	51' 11 3/5"	47' 7 3/5"	52' 7 2/5"	46' 8 3/5"	53' 9 2/5"
40'	38' 9 8/9"	41' 3"	38' 5 5/7"	41' 7 4/5"	37' 10 1/2"	42' 4 3/5"
30'	29' 4 1/9"	30' 8 2/7"	29' 1 3/5"	30' 11"	28' 9 1/2"	31' 3 4/5"
25'	24' 6 1/2"	25' 5 2/3"	24' 4 4/5"	25' 7 3/5"	24' 1 8/9"	25' 10 4/5"
20'	19' 8 1/2"	20' 3 3/5"	19' 7 2/5"	20' 4 4/5"	19' 5 1/2"	20' 6 8/9"
18'	17' 9"	18' 3"	17' 8 1/5"	18' 3 8/9"	17' 6 5/7"	18' 5 1/2"
16'	15' 9 4/5"	16' 2 2/7"	15' 9"	16' 3"	15' 7 8/9"	16' 4 1/3"
15'	14' 10"	15' 2"	14' 9 2/5"	15' 2 2/3"	14' 8 2/5"	15' 3 4/5"
14'	13' 10 1/3"	14' 1 2/3"	13' 9 2/3"	14' 2 1/3"	13' 8 4/5"	14' 3 1/3"
13'	12' 10 1/2"	13' 1 1/2"	12' 10"	13' 2"	12' 9 1/3"	13' 2 4/5"
12'	11' 10 4/5"	12' 1 1/3"	11' 10 2/5"	12' 1 2/3"	11' 9 2/3"	12' 2 2/5"
11'	10' 11"	11' 1 1/9"	10' 10 3/5"	11' 1 2/5"	10' 10 1/9"	11' 2"
10'	9' 11"	10' 1"	9' 10 8/9"	10' 1 1/5"	9' 10 2/5"	10' 1 5/7"
9' 6"	9' 5 1/5"	9' 6 4/5"	9' 5"	9' 7 1/9"	9' 4 3/5"	9' 7 1/2"
9'	8' 11 2/7"	9' 5/7"	8' 11"	9' 1"	8' 10 5/7"	9' 1 2/7"
8' 6"	8' 5 2/5"	8' 6 3/5"	8' 5 1/5"	8' 6 4/5"	8' 4 8/9"	8' 7 1/5"
8'	7' 11 2/5"	8' 1/2"	7' 11 2/7"	8' 5/7"	7' 11"	8' 1"
7' 9"	7' 8 1/2"	7' 9 1/2"	7' 8 2/7"	7' 9 5/7"	7' 8"	7' 10"
7' 6"	7' 5 1/2"	7' 6 1/2"	7' 5 2/5"	7' 6 3/5"	7' 5"	7' 7"
7' 3"	7' 2 3/5"	7' 3 1/2"	7' 2 2/5"	7' 3 3/5"	7' 2 1/5"	7' 4"
7'	6' 11 3/5"	7' 2/5"	6' 11 1/2"	7' 3/5"	6' 11 1/5"	7' 4/5"
6' 9"	6' 8 3/5"	6' 9 2/5"	6' 8 1/2"	6' 9 1/2"	6' 8 2/7"	6' 9 5/7"
6' 6"	6' 5 3/5"	6' 6 2/5"	6' 5 1/2"	6' 6 1/2"	6' 5 2/7"	6' 6 5/7"
6' 3"	6' 2 5/7"	6' 3 2/7"	6' 2 3/5"	6' 3 2/5"	6' 2 2/5"	6' 3 3/5"
6'	5' 11 5/7"	6' 2/7"	5' 11 3/5"	6' 2/5"	5' 11 2/5"	6' 3/5"
5' 9"	5' 8 5/7"	5' 9 2/7"	5' 8 5/7"	5' 9 2/5"	5' 8 1/2"	5' 9 1/2"
5' 6"	5' 5 5/7"	5' 6 1/5"	5' 5 5/7"	5' 6 2/7"	5' 5 1/2"	5' 6 1/2"
5' 3"	5' 2 4/5"	5' 3 1/5"	5' 2 5/7"	5' 3 2/7"	5' 2 3/5"	5' 3 2/5"
5'	4' 11 4/5"	5' 1/5"	4' 11 5/7"	5' 2/7"	4' 11 3/5"	5' 2/5"
4' 9"	4' 8 4/5"	4' 9 1/5"	4' 8 4/5"	4' 9 2/7"	4' 8 5/7"	4' 9 2/5"
4' 6"	4' 5 4/5"	4' 6 1/5"	4' 5 4/5"	4' 6 1/5"	4' 5 5/7"	4' 6 2/7"



AATMA 135mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	4		5.66		8	
feet	from	to	from	to	from	to
INF	495' 3 4/5"	INF	350' 7 8/9"	INF	248' 4 4/5"	INF
200'	142' 9 5/7"	333' 7 1/3"	127' 8"	461' 6 8/9"	111' 3/5"	1004' 11 3/5"
100'	83' 4 1/5"	124' 11 3/5"	77' 11 1/2"	139' 5"	71' 5 2/5"	166' 6 5/7"
60'	53' 7 1/9"	68' 1 2/3"	51' 3 4/5"	72' 2 3/5"	48' 5 1/9"	78' 10 1/5"
50'	45' 5 5/7"	55' 6 2/7"	43' 10"	58' 2 2/7"	41' 8 1/2"	62' 5"
40'	37' 2/3"	43' 5 2/5"	35' 11 1/2"	45' 5/7"	34' 6 1/5"	47' 6 3/5"
30'	28' 3 4/5"	31' 10 2/3"	27' 8 1/9"	32' 9"	26' 9 4/5"	34' 1/2"
25'	23' 9 8/9"	26' 3 3/5"	23' 4 2/5"	26' 10 1/2"	22' 9 1/9"	27' 8 4/5"
20'	19' 3"	20' 9 4/5"	18' 11 2/5"	21' 2 1/9"	18' 6 1/2"	21' 8 2/5"
18'	17' 4 3/5"	18' 8"	17' 1 2/3"	18' 11 2/7"	16' 9 4/5"	19' 4 2/5"
16'	15' 6 1/5"	16' 6 1/5"	15' 4"	16' 9"	15' 2/3"	17' 4/5"
15'	14' 7"	15' 5 2/5"	14' 4 8/9"	15' 7 4/5"	14' 2"	15' 11 1/5"
14'	13' 7 1/2"	14' 4 2/3"	13' 5 4/5"	14' 6 2/3"	13' 3 1/3"	14' 9 2/3"
13'	12' 8 1/5"	13' 4"	12' 6 3/5"	13' 5 4/5"	12' 4 1/2"	13' 8 1/3"
12'	11' 8 4/5"	12' 3 2/5"	11' 7 2/5"	12' 4 8/9"	11' 5 3/5"	12' 7"
11'	10' 9 1/3"	11' 3"	10' 8 1/5"	11' 4 1/9"	10' 6 3/5"	11' 5 4/5"
10'	9' 9 5/7"	10' 2 2/7"	9' 8 4/5"	10' 3 1/3"	9' 7 3/5"	10' 4 4/5"
9' 6"	9' 4"	9' 8"	9' 3 1/5"	9' 9"	9' 2"	9' 10 2/7"
9'	8' 10 1/5"	9' 1 8/9"	8' 9 2/5"	9' 2 2/3"	8' 8 2/5"	9' 3 4/5"
8' 6"	8' 4 2/5"	8' 7 5/7"	8' 3 5/7"	8' 8 2/5"	8' 2 4/5"	8' 9 2/5"
8'	7' 10 3/5"	8' 1 1/2"	7' 10"	8' 2"	7' 9 1/5"	8' 3"
7' 9"	7' 7 3/5"	7' 10 2/5"	7' 7"	7' 11"	7' 6 2/7"	7' 11 4/5"
7' 6"	7' 4 2/3"	7' 7 1/3"	7' 4 1/5"	7' 7 4/5"	7' 3 1/2"	7' 8 3/5"
7' 3"	7' 1 4/5"	7' 4 1/5"	7' 1 2/5"	7' 4 2/3"	7' 5/7"	7' 5 1/2"
7'	6' 11"	7' 1"	6' 10 1/2"	7' 1 3/5"	6' 10"	7' 2 2/7"
6' 9"	6' 8"	6' 10"	6' 7 3/5"	6' 10 1/2"	6' 7"	6' 11"
6' 6"	6' 5"	6' 7"	6' 4 2/3"	6' 7 2/5"	6' 4"	6' 8"
6' 3"	6' 2"	6' 4"	6' 1 4/5"	6' 4 1/3"	6' 1 1/3"	6' 4 4/5"
6'	5' 11 1/5"	6' 4/5"	5' 11"	6' 1 1/5"	5' 10 2/5"	6' 1 2/3"
5' 9"	5' 8 2/7"	5' 9 4/5"	5' 8"	5' 10"	5' 7 3/5"	5' 10 1/2"
5' 6"	5' 5 2/7"	5' 6 5/7"	5' 5"	5' 7"	5' 4 2/3"	5' 7 2/5"
5' 3"	5' 2 2/5"	5' 3 3/5"	5' 2"	5' 4"	5' 1 4/5"	5' 4 1/5"
5'	4' 11 1/2"	5' 3/5"	4' 11 1/5"	5' 4/5"	4' 10 8/9"	5' 1 1/9"
4' 9"	4' 8 1/2"	4' 9 1/2"	4' 8 2/7"	4' 9 5/7"	4' 8"	4' 10"
4' 6"	4' 5 3/5"	4' 6 1/2"	4' 5 2/5"	4' 6 3/5"	4' 5"	4' 7"



AATMA 135mm/T1.5

Crcle of confusion: 0,030 mm

Engraving	T-Stop					
	11.31		16		22.63	
feet	from	to	from	to	from	to
INF	175' 10 1/3"	INF	124' 4 3/5"	INF	87' 11 4/5"	INF
200'	93' 9 1/2"	INF	76' 10 2/5"	INF	61' 3"	INF
100'	63' 10 4/5"	229' 10 1/5"	55' 7"	498' 2/5"	46' 11 2/7"	INF
60'	44' 10 1/9"	90' 7 1/2"	40' 7 1/9"	114' 11 3/5"	35' 9 1/2"	185' 3 2/3"
50'	39' 2/7"	69' 6 5/7"	35' 9 1/5"	83' 2/5"	32'	114' 4"
40'	32' 8"	51' 6 8/9"	30' 4 1/3"	58' 7 2/7"	27' 7 1/5"	72' 7 2/5"
30'	25' 8 2/7"	36' 1/2"	24' 3"	39' 4"	22' 5 1/2"	45' 1 4/5"
25'	21' 11 2/7"	29' 3/5"	20' 10 3/5"	31' 1 2/3"	19' 6 3/5"	34' 8"
20'	18'	22' 6"	17' 3 2/5"	23' 8 2/3"	16' 4 2/5"	25' 8 1/2"
18'	16' 4 2/5"	19' 12	15' 9 1/3"	20' 11 2/5"	15'	22' 5 4/5"
16'	14' 8 2/5"	17' 6 3/5"	14' 2 2/3"	18' 3 2/5"	13' 7 1/5"	19' 5 1/5"
15'	13' 10 1/3"	16' 4 1/5"	13' 5 1/5"	16' 11 4/5"	12' 10 1/2"	17' 11 3/5"
14'	13'	15' 2"	12' 7 1/2"	15' 8 1/2"	12' 1 3/5"	16' 6 3/5"
13'	12' 1 3/5"	14'	11' 9 2/3"	14' 5 1/2"	11' 4 1/2"	15' 1 8/9"
12'	11' 3 1/5"	12' 10 1/9"	10' 11 4/5"	13' 2 2/3"	10' 7 2/7"	13' 9 4/5"
11'	10' 4 1/2"	11' 8 2/5"	10' 1 5/7"	12' 1/5"	9' 10"	12' 6"
10'	9' 5 4/5"	10' 7"	9' 3 2/5"	10' 10"	9' 1/3"	11' 2 3/5"
9' 6"	9' 2/5"	10' 1/5"	8' 10 2/7"	10' 3"	8' 7 2/5"	10' 7 1/9"
9'	8' 7"	9' 5 1/2"	8' 5"	9' 8"	8' 2 2/5"	9' 11 3/5"
8' 6"	8' 1 1/2"	8' 10 8/9"	7' 11 4/5"	9' 1 1/9"	7' 9 1/2"	9' 4 2/7"
8'	7' 8"	8' 4 2/7"	7' 6 1/2"	8' 6 1/5"	7' 4 2/5"	8' 9"
7' 9"	7' 5 2/7"	8' 1"	7' 3 4/5"	8' 2 4/5"	7' 2"	8' 5 2/5"
7' 6"	7' 2 1/2"	7' 9 4/5"	7' 1 1/5"	7' 11 2/5"	6' 11 2/7"	8' 1 4/5"
7' 3"	6' 11 4/5"	7' 6 1/2"	6' 10 1/2"	7' 8"	6' 8 4/5"	7' 10 1/3"
7'	6' 9"	7' 3 2/7"	6' 7 4/5"	7' 4 2/3"	6' 6 1/5"	7' 6 4/5"
6' 9"	6' 6 1/5"	7'	6' 5"	7' 1 1/3"	6' 3 3/5"	7' 3 1/5"
6' 6"	6' 3 2/5"	6' 8 4/5"	6' 2 2/5"	6' 10"	6' 1"	6' 11 4/5"
6' 3"	6' 3/5"	6' 5 3/5"	5' 11 5/7"	6' 6 5/7"	5' 10 2/5"	6' 8 2/7"
6'	5' 9 4/5"	6' 2 2/5"	5' 9"	6' 3 2/5"	5' 7 2/3"	6' 5"
5' 9"	5' 7"	5' 11 1/5"	5' 6 1/5"	6'	5' 5"	6' 1 2/5"
5' 6"	5' 4"	5' 8"	5' 3 2/5"	5' 8 4/5"	5' 2 2/5"	5' 10"
5' 3"	5' 1 1/3"	5' 4 4/5"	5' 5/7"	5' 5 1/2"	4' 11 5/7"	5' 6 3/5"
5'	4' 10 1/2"	5' 1 3/5"	4' 10"	5' 2 2/7"	4' 9"	5' 3 2/7"
4' 9"	4' 7 3/5"	4' 10 2/5"	4' 7 1/9"	4' 11"	4' 6 2/7"	4' 11 8/9"
4' 6"	4' 4 4/5"	4' 7 1/3"	4' 4 1/3"	4' 7 4/5"	4' 3 3/5"	4' 8 3/5"