

Next Dimension Series

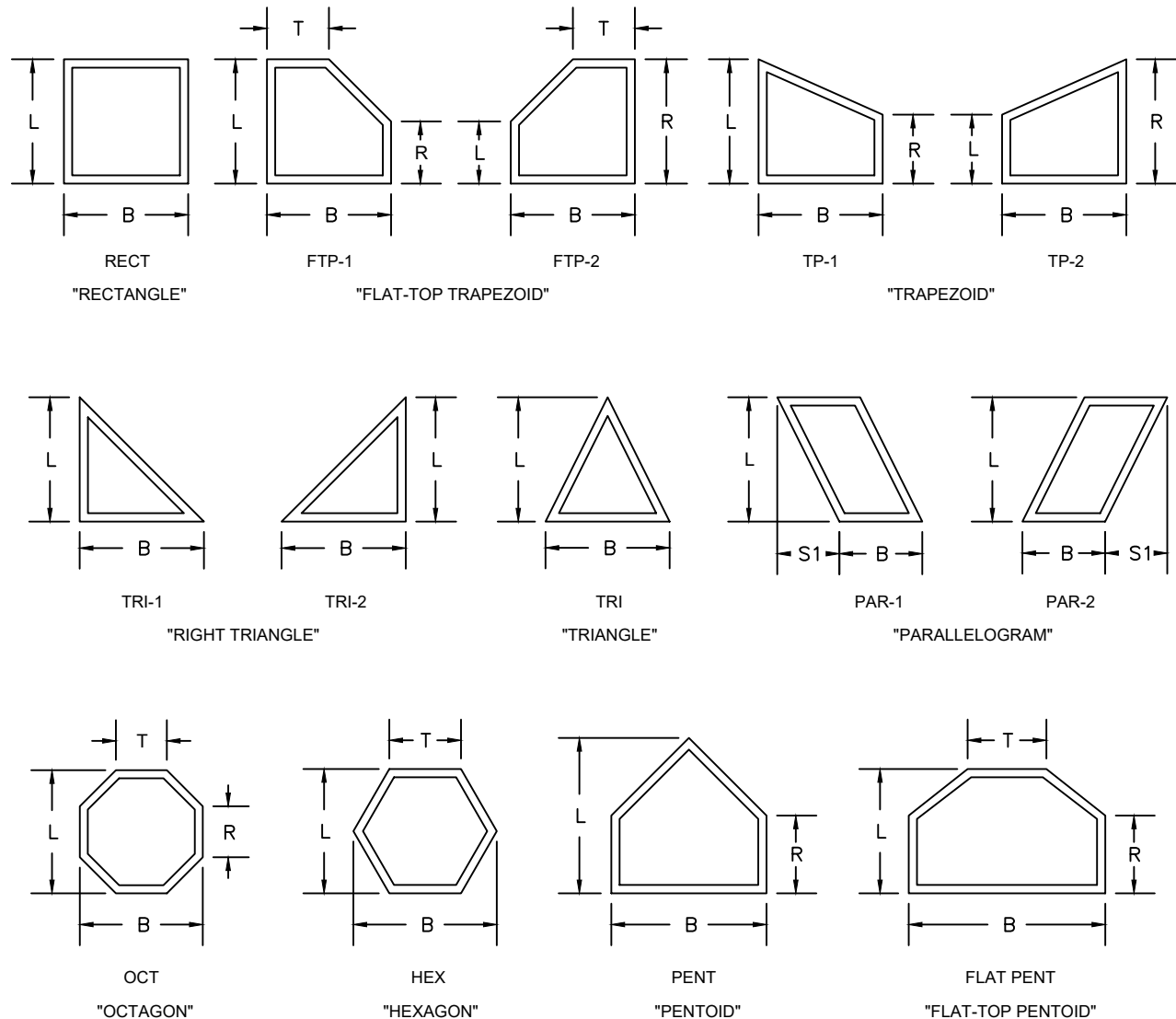
DIRECT SET

ELEVATIONS: DIRECT SET

SCALE: 1/8" = 1'-0"

Direct Set Shapes Chart

UNITS MUST BE ORDERED BY ROUGH OPENING ONLY
(AS VIEWED FROM THE EXTERIOR)



Ordering Procedures

1. Select the shape by the unit code listed below the desired drawing.
2. Include the required dimensions as noted on the drawings.
3. If a grille is being ordered please be sure to include a sketch of the pattern.

SIZE LIMITATIONS

1. The maximum for any one dimension is 96 inches.
2. The minimum base dimension is 12 inches.
3. The minimum leg dimension is 6 inches.
4. The maximum square footage allowed is 48 square feet.
5. The Aspect Ratio is 7 to 1 maximum.
6. Minimum glass parameters: One least 8" - minimum square footage is .776 (charged for 2 square feet)
7. Minimum pitch is 5/12.
8. Both width and height may not exceed 84" on the same unit due to glass restrictions.
9. For units with obscure glass, largest available size is 58" x 82".
10. Any one unit cannot have glass smaller than 8" x 12".

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IMPACT RADIUS

ELEVATIONS: HALF ROUND & QUARTER ROUND

SCALE: 1/8" = 1'-0"

HALF ROUND

Mas. Opg. Brickmould
Mas. Opg. Standard
Rough Opg.
Frame

3-0 1/2
3-0
3-0
2-11 1/2

3-4 1/2
3-4
3-4
3-3 1/2

1-6 1/2
1-6
1-6
1-5 3/4



3618-1

1-8 1/2
1-8
1-8
1-7 3/4



4020-1

3-6 1/2
3-6
3-6
3-5 1/2



4221-1

4-0 1/2
4-0
4-0
3-11 1/2



4824-1

4-6 1/2
4-6
4-6
4-5 1/2



5427-1

5-0 1/2
5-0
5-0
4-11 1/2



6030-1

1-9 1/2
1-9
1-9
1-8 3/4

2-0 1/2
2-0
2-0
1-11 3/4

2-3 1/2
2-3
2-3
2-2 3/4

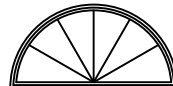
2-6 1/2
2-6
2-6
2-5 3/4

6-0 1/2
6-0
6-0
5-11 1/2



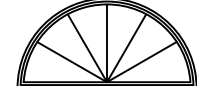
7236-1

7-0 1/2
7-0
7-0
6-11 1/2



8442-1

7-6 1/2
7-6
7-6
7-5 1/2



9045-1

3-0 1/2
3-0
3-0
2-11 3/4

3-6 1/2
3-6
3-6
3-5 3/4

3-9 1/2
3-9
3-9
3-8 3/4

Mas. Opg. Brickmould
Mas. Opg. Standard
Rough Opg.
Frame

2-0 1/2
2-0
2-0
1-11 1/2



2424-1

2-6 1/2
2-6
2-6
2-5 1/2



3030-1

2-8 1/2
2-8
2-8
2-7 1/2



3232-1

3-0 1/2
3-0
3-0
2-11 1/2



3636-1

3-4 1/2
3-4
3-4
3-3 1/2



4040-1

3-6 1/2
3-6
3-6
3-5 1/2



4242-1

4-0 1/2
4-0
4-0
3-11 1/2



4848-1

3-4 1/2
3-4
3-4
3-3 1/2

3-6 1/2
3-6
3-6
3-5 1/2

4-0 1/2
4-0
4-0
3-11 1/2

Next Dimension Series

IMPACT RADIUS - ROUND TOP PICTURE

ELEVATIONS: ROUND TOP PICTURE

SCALE: 1/8" = 1'-0"

R.O. Arch Height	18	20	21	24	27	30	36
R.O. Radius							
Mas. Opg. Brickmould	3-0 1/2	3-4 1/2	3-6 1/2	4-0 1/2	4-6 1/2	5-0 1/2	6-0 1/2
Mas. Opg. Standard	3-0	3-4	3-6	4-0	4-6	5-0	6-0
Rough Opg.	3-0	3-4	3-6	4-0	4-6	5-0	6-0
Frame	2-11 1/2	3-3 1/2	3-5 1/2	3-11 1/2	4-5 1/2	4-11 1/2	5-11 1/2
Rough Opg. 12	 3612	 4012	 4212	 4812	 5412	 6012	 7212
18	 3618	 4018	 4218	 4818	 5418	 6018	 7218
24	 3624	 4024	 4224	 4824	 5424	 6024	 7224
30	 3630	 4030	 4230	 4830	 5430	 6030	
36	 3636	 4036	 4236	 4836	 5436	 6036	
42	 3642	 4042	 4242	 4842	 5442	 6042	

NOTES:

TOTAL ROUGH OPENING HEIGHT = LEG RO HEIGHT + ARCH RO HEIGHT

TOTAL FRAME HEIGHT = TOTAL ROUGH OPENING HEIGHT - 1/2"

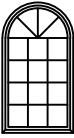
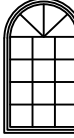
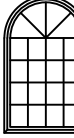
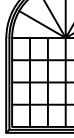
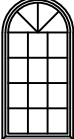
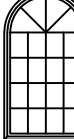
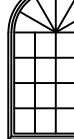
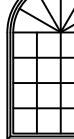
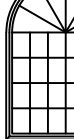
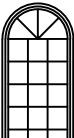
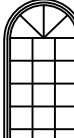
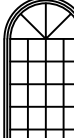
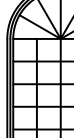
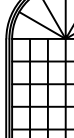
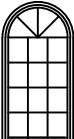
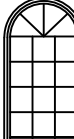
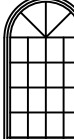
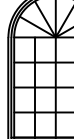
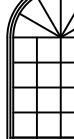
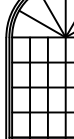
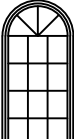
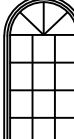
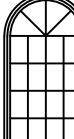
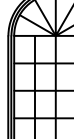
TOTAL MASONRY HEIGHT (STANDARD) = TOTAL ROUGH OPENING HEIGHT

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IMPACT RADIUS - ROUND TOP PICTURE

ELEVATIONS: ROUND TOP PICTURE

SCALE: 1/8" = 1'-0"

R.O. Arch Height	18	20	21	24	27	30
						
R.O. Radius	18	20	21	24	27	30
Mas. Opg. Brickmould	3-0 1/2	3-4 1/2	3-6 1/2	4-0 1/2	4-6 1/2	5-0 1/2
Mas. Opg. Standard	3-0	3-4	3-6	4-0	4-6	5-0
Rough Opg.	3-0	3-4	3-6	4-0	4-6	5-0
Frame	2-11 1/2	3-3 1/2	3-5 1/2	3-11 1/2	4-5 1/2	4-11 1/2
Rough Opg. 48						
	3648	4048	4248	4848	5448	6048
						
	3654	4054	4254	4854	5454	6054
						
	3660	4060	4260	4860	5460	6060
66						
	3666	4066	4266	4866	5466	6066
72						
	3672	4072	4272	4872		

NOTES:

TOTAL ROUGH OPENING HEIGHT = LEG RO HEIGHT + ARCH RO HEIGHT

TOTAL FRAME HEIGHT = TOTAL ROUGH OPENING HEIGHT - 1/2"

TOTAL MASONRY HEIGHT (STANDARD) = TOTAL ROUGH OPENING HEIGHT

Next Dimension Series

IMPACT RADIUS - SEGMENT TOP PICTURE

ELEVATIONS: SEGMENT TOP PICTURE

SCALE: 1/8" = 1'-0"

R.O. Arch Height	4 1/32	4 9/32	4 13/16	5 11/32	5 5/8	6 7/16	7 1/4	8 1/32	9 21/32
R.O. Radius									
Mas. Opg. Brickmould	2-6 1/2	2-8 1/2	3-0 1/2	3-4 1/2	3-6 1/2	4-0 1/2	4-6 1/2	5-0 1/2	6-0 1/2
Mas. Opg. Standard	2-6	2-8	3-0	3-4	3-6	4-0	4-6	5-0	6-0
Rough Opg.	2-6	2-8	3-0	3-4	3-6	4-0	4-6	5-0	6-0
Frame	2-5 1/2	2-7 1/2	2-11 1/2	3-3 1/2	3-5 1/2	3-11 1/2	4-5 1/2	4-11 1/2	5-11 1/2
Rough Opg. 12	 3012	 3212	 3612	 4012	 4212	 4812	 5412	 6012	 7212
18	 3018	 3218	 3618	 4018	 4218	 4818	 5418	 6018	 7218
24	 3024	 3224	 3624	 4024	 4224	 4824	 5424	 6024	 7224
30	 3030	 3230	 3630	 4030	 4230	 4830	 5430	 6030	 7230
36	 3036	 3236	 3636	 4036	 4236	 4836	 5436	 6036	 7236
42	 3042	 3242	 3642	 4042	 4242	 4842	 5442	 6042	 7242
48	 3048	 3248	 3648	 4048	 4248	 4848	 5448	 6048	 7248
54	 3054	 3254	 3654	 4054	 4254	 4854	 5454	 6054	 7254
60	 3060	 3260	 3660	 4060	 4260	 4860	 5460	 6060	
66	 3066	 3266	 3666	 4066	 4266	 4866	 5466	 6066	
72	 3072	 3272	 3672	 4072	 4272	 4872	 5472	 6072	

NOTES:

TOTAL ROUGH OPENING HEIGHT = LEG RO HEIGHT + ARCH RO HEIGHT

TOTAL FRAME HEIGHT = TOTAL ROUGH OPENING HEIGHT - 1/2"

TOTAL MASONRY HEIGHT (STANDARD) = TOTAL ROUGH OPENING HEIGHT