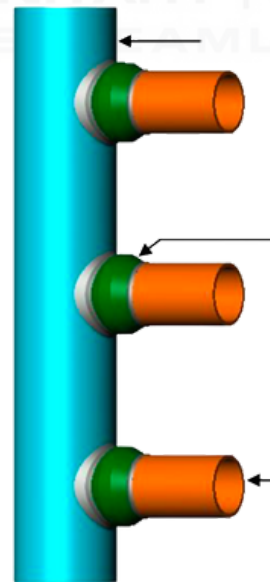
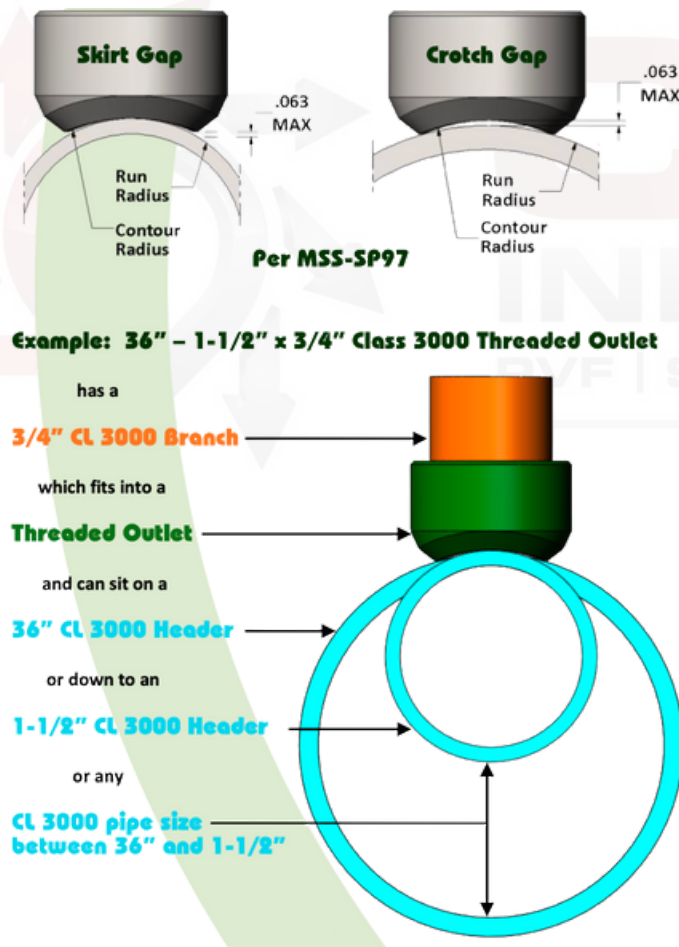


# RUN CONSOLIDATIONS FOR OUTLETS



**CL 3000 THREADED OUTLET • CL 3000 SOCKET WELD OUTLET  
STD/S40 BUTT WELD OUTLET • XH/S80 BUTT WELD OUTLET**

| BRANCH SIZE | RUN CONSOLIDATION |               |        |         |         |         |         |          |          |      |
|-------------|-------------------|---------------|--------|---------|---------|---------|---------|----------|----------|------|
| 1/8         | 36 - 1/8          | FLAT          |        |         |         |         |         |          |          |      |
| 1/4         | 3/8 - 1/4         | 36 - 1/2      | FLAT   |         |         |         |         |          |          |      |
| 3/8         | 1/2 - 3/8         | 36 - 3/4      | FLAT   |         |         |         |         |          |          |      |
| 1/2         | 1/2               | 36 - 3/4      | FLAT   |         |         |         |         |          |          |      |
| 3/4         | 1-1/4 - 3/4       | 36 - 1-1/2    | FLAT   |         |         |         |         |          |          |      |
| 1           | 1                 | 2-1/2 - 1-1/4 | 36 - 3 | FLAT    |         |         |         |          |          |      |
| 1-1/4       | 1-1/2 - 1-1/4     | 3-1/2 - 2     | 36 - 4 | FLAT    |         |         |         |          |          |      |
| 1-1/2       | 1-1/2             | 2-1/2 - 2     | 5 - 3  | 36 - 6  | FLAT    |         |         |          |          |      |
| 2           | 2                 | 3-1/2 - 2-1/2 | 6 - 4  | 36 - 8  | FLAT    |         |         |          |          |      |
| 2-1/2       | 2-1/2             | 3-1/2 - 3     | 5 - 4  | 8 - 6   | 36 - 10 | FLAT    |         |          |          |      |
| 3           | 3                 | 4 - 3-1/2     | 6 - 5  | 14 - 8  | 38 - 16 | FLAT    |         |          |          |      |
| 3-1/2       | 3-1/2             | 4             | 5      | 8 - 6   | 14 - 10 | 36 - 16 | 52 - 38 | FLAT     |          |      |
| 4           | 4                 | 5             | 6      | 10 - 8  | 18 - 12 | 36 - 20 | 68 - 38 | FLAT     |          |      |
| 5           | 5                 | 6             | 8      | 10      | 14 - 12 | 22 - 16 | 36 - 24 | 114 - 38 | FLAT     |      |
| 6           | 6                 | 8             | 10     | 14 - 12 | 18 - 16 | 24 - 20 | 36 - 26 | 56 - 38  | 156 - 60 | FLAT |



# RUN CONSOLIDATIONS FOR OUTLETS

CL 6000 THREADED OUTLET • CL 6000 SOCKET WELD OUTLET  
S160 BUTT WELD OUTLET • XXH BUTTWELD OUTLET

| BRANCH SIZE | RUN CONSOLIDATION |               |        |         |         |         |          |      |
|-------------|-------------------|---------------|--------|---------|---------|---------|----------|------|
| 1/8         | 36 - 1/8          | FLAT          |        |         |         |         |          |      |
| 1/4         | 36 - 1/4          | FLAT          |        |         |         |         |          |      |
| 3/8         | 36 - 3/8          | FLAT          |        |         |         |         |          |      |
| 1/2         | 1/2               | 36 - 3/4      | FLAT   |         |         |         |          |      |
| 3/4         | 1 - 3/4           | 36 - 1-1/4    | FLAT   |         |         |         |          |      |
| 1           | 1                 | 2-1/2 - 1-1/4 | 36 - 3 | FLAT    |         |         |          |      |
| 1-1/4       | 1-1/4             | 4 - 1-1/2     | 36 - 5 | FLAT    |         |         |          |      |
| 1-1/2       | 1-1/2             | 2-1/2 - 2     | 5 - 3  | 36 - 6  | FLAT    |         |          |      |
| 2           | 2                 | 3-1/2 - 2-1/2 | 6 - 4  | 36 - 8  | FLAT    |         |          |      |
| 2-1/2       | 3 - 2-1/2         | 5 - 3-1/2     | 18 - 6 | 36 - 20 | FLAT    |         |          |      |
| 3           | 3-1/2 - 3         | 5 - 4         | 10 - 6 | 26 - 12 | 36 - 28 | FLAT    |          |      |
| 4           | 4                 | 5             | 8 - 6  | 14 - 10 | 36 - 16 | 46 - 38 | FLAT     |      |
| 5           | 5                 | 6             | 10 - 8 | 18 - 12 | 36 - 20 | 72 - 38 | FLAT     |      |
| 6           | 6                 | 8             | 10     | 14 - 12 | 20 - 16 | 36 - 22 | 102 - 38 | FLAT |

CL 3000 & 6000 THREADED ELBOW OUTLET  
CL 3000 & 6000 SOCKET WELD ELBOW OUTLET  
STD, XH, S160 & XXH BUTTWELD ELBOW OUTLET

| BRANCH SIZE | RUN        |
|-------------|------------|
| 1/4         | 36 - 1-1/4 |
| 3/8         | 36 - 1-1/4 |
| 1/2         | 36 - 1-1/4 |
| 3/4         | 36 - 1-1/4 |
| 1           | 36 - 2     |
| 1-1/4       | 36 - 2     |
| 1-1/2       | 36 - 2     |
| 2           | 36 - 3     |

CL 3000 THREADED LATERAL OUTLET  
CL 3000 SOCKET WELD LATERAL OUTLET  
STD & XH BUTTWELD LATERAL OUTLET

| BRANCH SIZE | RUN CONSOLIDATION |        |         |
|-------------|-------------------|--------|---------|
| 1/4         | 2-1/2 - 1-1/4     | 12 - 3 |         |
| 3/8         | 2-1/2 - 1-1/4     | 12 - 3 |         |
| 1/2         | 1-1/2 - 1-1/4     | 5 - 2  | 12 - 6  |
| 3/4         | 2-1/2 - 2         | 5 - 3  | 12 - 6  |
| 1           | 2-1/2 - 2         | 5 - 3  | 12 - 6  |
| 1-1/4       | 2-1/2 - 2         | 5 - 3  | 12 - 6  |
| 1-1/2       | 5 - 4             | 8 - 6  | 12 - 10 |

CL 6000 THREADED LATERAL OUTLET  
CL 6000 SOCKET WELD LATERAL OUTLET  
S160 & XXH BUTTWELD LATERAL OUTLET

| BRANCH SIZE | RUN CONSOLIDATION |        |        |
|-------------|-------------------|--------|--------|
| 1/4         | 2-1/2 - 1-1/4     | 12 - 3 |        |
| 3/8         | 2-1/2 - 1-1/4     | 12 - 3 |        |
| 1/2         | 2-1/2 - 1-1/4     | 12 - 3 |        |
| 3/4         | 1-1/2 - 1-1/4     | 5 - 2  | 12 - 6 |
| 1           | 2-1/2 - 2         | 5 - 3  | 12 - 6 |
| 1-1/4       | 2-1/2 - 2         | 5 - 3  | 12 - 6 |
| 1-1/2       | 2-1/2 - 2         | 5 - 3  | 12 - 6 |

