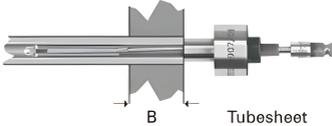
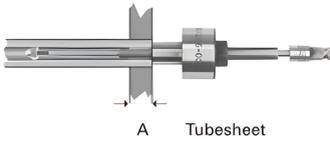


# Model CH 1300

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Tube size I.D 230" - 320 " (5.84 - 8.13 mm)



|  | TUBE SHEET THICKNESS |                       |
|--|----------------------|-----------------------|
|  | A<br>MINIMUM         | B<br>MAXIMUM          |
| TUBE EXPANDER WITH<br>3/4" ROLL LENGTH   | 1/8"<br>(3.175 mm)   | 5/8"<br>(15.87 mm)    |
| TUBE EXPANDER WITH<br>1 1/4" ROLL LENGTH | 1/2"<br>(12.70 mm)   | 1 9/64"<br>(28.98 mm) |

| TUBE<br>O.D.<br>AND<br>G.A. | MIN. I.D. TUBE<br>TOOL ENTERS |      | MAX. TOOL<br>EXPANSION |      | SIZE<br>SQUARE<br>ON<br>MAN-<br>DREL | EXPANDER WITH<br>3/4" (19 mm) ROLLS |                 | EXPANDER WITH<br>1 1/4" (32 mm) ROLLS |                 | MANDREL<br>NO. |        |        |
|-----------------------------|-------------------------------|------|------------------------|------|--------------------------------------|-------------------------------------|-----------------|---------------------------------------|-----------------|----------------|--------|--------|
|                             | Inch                          | mm   | Inch                   | mm   |                                      | EXPANDER<br>NO.                     | ROLL SET<br>NO. | EXPANDER<br>NO.                       | ROLL SET<br>NO. |                |        |        |
| 1/4"-19                     | .155                          | 3.95 | .190                   | 4.83 | 1/4"                                 | CH-921                              | TR-921          |                                       |                 | MT-40          |        |        |
| 1/4"-20                     | .175                          | 4.44 | .205                   | 5.21 |                                      | CH-923                              | TR-923          |                                       |                 | MT-40          |        |        |
| 1/4"-21                     | .180                          | 4.57 | .212                   | 5.38 |                                      | CH-924                              | TR-924          |                                       |                 | MT-40          |        |        |
| 1/4"-22                     | .190                          | 4.83 | .220                   | 5.59 |                                      | CH-925                              | TR-925          |                                       |                 | MT-41          |        |        |
| 1/4"-23                     | .195                          | 4.95 | .226                   | 5.74 |                                      | CH-926                              | TR-923          |                                       |                 | MT-41          |        |        |
| 1/4"-24                     | .201                          | 5.10 | .232                   | 5.92 |                                      | CH-927                              | TR-924          |                                       |                 | MT-41          |        |        |
| 1/4"-28                     | .219                          | 5.55 | .237                   | 6.02 | CH-928                               | TR-903                              | MT-928          |                                       |                 |                |        |        |
| 3/8"-14                     | .199                          | 5.05 | .232                   | 5.88 | 1/4"                                 | CH-914                              | TR-914          | CH-916-L                              | TR-916-L        | MT-35          |        |        |
| 3/8"-15                     | .230                          | 5.84 | .265                   | 6.73 |                                      | CH-915                              | TR-915          |                                       |                 | MT-36          |        |        |
| 3/8"-16                     | .242                          | 6.15 | .275                   | 6.98 |                                      | CH-916                              | TR-916          |                                       |                 | MT-36          |        |        |
| 3/8"-16                     | .242                          | 6.15 | .280                   | 7.11 |                                      | CH-918                              | TR-903          | CH-902                                | TR-904          | MT-36-L        |        |        |
| 3/8"-17                     | .255                          | 6.48 | .289                   | 7.34 |                                      |                                     |                 |                                       |                 | CH-903         | TR-904 | MT-37  |
| 3/8"-18                     | .272                          | 6.85 | .307                   | 7.80 |                                      |                                     |                 |                                       |                 | CH-905         | TR-907 | CH-906 |
| 3/8"-19                     | .286                          | 7.26 | .320                   | 8.12 |                                      | CH-907                              | TR-907          | CH-908                                | TR-908          | MT-31          |        |        |
| 3/8"-20                     | .300                          | 7.62 | .334                   | 8.48 |                                      | CH-909                              | TR-909          | CH-909                                | TR-910          | MT-32          |        |        |
| 3/8"-21                     | .306                          | 7.77 | .340                   | 8.61 |                                      | CH-911                              | TR-911          | CH-912                                | TR-912          | MT-33          |        |        |
| 3/8"-22                     | .314                          | 7.98 | .349                   | 8.86 |                                      |                                     |                 |                                       |                 | CH-910         | TR-910 | MT-34  |
| 3/8"-23                     | .320                          | 8.13 | .357                   | 9.08 |                                      |                                     |                 |                                       |                 | CH-912         | TR-912 | MT-34  |
| 3/8"-24                     | .320                          | 8.13 | .357                   | 9.08 |                                      | CH-911                              | TR-911          | CH-912                                | TR-912          | MT-34          |        |        |