

900 Series

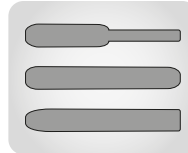
Tools for expanding tubes in condensers, chillers, heat exchangers, fin fan coolers, feedwater heaters and surface condensers.



WORKING RANGE

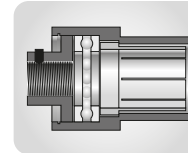
| TUBE ID | TUBE OD | TUBE SHEET |
|-----------------|----------------|----------------|
| 3,86 - 8,41 mm | 6,35 - 9,50 MM | 6,3 - 31,7 MM |
| 0,152" - 0,331" | 1/4" - 3/8" | 1/4" to 1-1/4" |

OPTIONAL SPARES AND ACCESSORIES



ROLLS ON REQUEST

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THRUST COLLARS

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ROLLING MOTORS

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| TUBE OD | | TUBE GAUGE | | TUBE ID | | EXPANSION RANGE | | | | TUBE SHEET THICKNESS | | | | MANDREL | MANDREL SQUARE | | PNEUMATIC MOTOR* | ELECTRIC MOTOR* | |
|---------|-------|------------|--------|---------|--------|-----------------|-------|-------|------------|----------------------|------------|---------------|-------------|-------------|----------------|------|------------------|-----------------|------------------|
| | | | | | | | | | | 1/4 TO 3/4" | | 3/4 TO 1-1/4" | | | | | | | |
| [INCH] | [MM] | [BWG] | [INCH] | [MM] | [INCH] | [MM] | MIN | MAX | MIN | MAX | TOOL NO. | ROLL NO. | TOOL NO. | ROLL NO. | [INCH] | [MM] | | | |
| 1/4 | 6,35 | 18 | 0,049 | 1,24 | 0,152 | 3,86 | 0,151 | 0,173 | 3,84 | 4,39 | 921 | 921 | - | - | M-39 | 1/4" | 6,3 | K20-2500 | TES3000 S6000 |
| | | 19 | 0,042 | 1,07 | 0,166 | 4,22 | 0,165 | 0,185 | 4,19 | 4,70 | 922 | 923 | - | - | M-39 | 1/4" | 6,3 | | |
| | | 20 | 0,035 | 0,89 | 0,180 | 4,57 | 0,175 | 0,200 | 4,45 | 5,08 | 923 | 923 | - | - | M-40 | 1/4" | 6,3 | | |
| | | 21 | 0,072 | 1,83 | 0,186 | 4,72 | 0,180 | 0,207 | 4,57 | 5,26 | 924 | 924 | - | - | M-40 | 1/4" | 6,3 | | |
| | | 22 | 0,028 | 0,71 | 0,194 | 4,93 | 0,190 | 0,216 | 4,83 | 5,49 | 925 | 925 | - | - | M-41 | 1/4" | 6,3 | | |
| | | 23 | 0,025 | 0,64 | 0,200 | 5,08 | 0,195 | 0,222 | 4,95 | 5,64 | 926 | 923 | - | - | M-41 | 1/4" | 6,3 | | |
| | | 24 | 0,022 | 0,56 | 0,206 | 5,23 | 0,201 | 0,230 | 5,11 | 5,84 | 927 | 924 | - | - | M-41 | 1/4" | 6,3 | | |
| | | 28 | 0,014 | 0,35 | 0,222 | 5,6 | 0,222 | 0,238 | 5,6 | 6,0 | 928 | 903 | - | - | 928 | 1/4" | 6,3 | | |
| | | 29 | 0,013 | 0,33 | 0,224 | 5,7 | 0,222 | 0,238 | 5,6 | 6,0 | 928 | 903 | - | - | 928 | 1/4" | 6,3 | | |
| | | 30 | 0,012 | 0,30 | 0,226 | 5,7 | 0,222 | 0,238 | 5,6 | 6,0 | 928 | 903 | - | - | 928 | 1/4" | 6,3 | | |
| 3/8 | 9,5 | 14 | 0,83 | 2,10 | 0,209 | 5,3 | 0,201 | 0,232 | 5,1 | 5,8 | 927 | 924 | - | - | M-41 | 1/4" | 6,3 | K20-1800 | TES3000 S3000 |
| | | 15 | 0,072 | 1,83 | 0,231 | 5,87 | 0,230 | 0,265 | 5,84 | 6,73 | 915 | 903 | - | - | M-42 | 1/4" | 6,3 | | |
| | | 16 | 0,065 | 1,65 | 0,245 | 6,22 | 0,240 | 0,275 | 6,10 | 6,99 | 916 | 916 | 916L | 916L | M-36 | 1/4" | 6,3 | | |
| | | 17 | 0,058 | 1,47 | 0,259 | 6,58 | 0,255 | 0,289 | 6,48 | 7,34 | 918 | 903 | 920 | 904 | M-38 | 1/4" | 6,3 | | |
| | | 18 | 0,049 | 1,24 | 0,277 | 7,04 | 0,272 | 0,307 | 6,91 | 7,80 | 901 | 903 | 902 | 904 | M-30 | 1/4" | 6,3 | | |
| | | 19 | 0,042 | 1,07 | 0,291 | 7,39 | 0,286 | 0,320 | 7,26 | 8,13 | 903 | 903 | 904 | 904 | M-31 | 1/4" | 6,3 | | |
| | | 20 | 0,035 | 0,89 | 0,305 | 7,75 | 0,300 | 0,334 | 7,62 | 8,48 | 905 | 907 | 906 | 908 | M-32 | 1/4" | 6,3 | | |
| | | 21 | 0,032 | 0,81 | 0,311 | 7,90 | 0,306 | 0,340 | 7,77 | 8,64 | 907 | 907 | 908 | 908 | M-33 | 1/4" | 6,3 | | |
| | | 22 | 0,028 | 0,71 | 0,319 | 8,10 | 0,314 | 0,349 | 7,98 | 8,86 | 909 | 909 | 910 | 910 | M-34 | 1/4" | 6,3 | | |
| | | 23 | 0,025 | 0,64 | 0,325 | 8,26 | 0,320 | 0,357 | 8,13 | 9,07 | 911 | 911 | 912 | 912 | M-34 | 1/4" | 6,3 | | |
| 24 | 0,022 | 0,56 | 0,331 | 8,41 | 0,319 | 0,357 | 8,10 | 9,07 | 911 | 911 | 912 | 912 | M-34 | 1/4" | 6,3 | | | | |

* Motor recommendation applies only to most popular cases with a standard percentage of the wall reduction. The recommendation can be different for thicker tube sheet, harder and exotic metal tube and a higher percentage of wall reduction.