O-Ring

Also called O-ring, due to its low cost, convenient and flexible characteristics than widely used in a variety of sealing systems. The sealing environment of O-ring is generally divided into static sealing and dynamic sealing. There are many O-ring product standards. The commonly used standards are American standard (AS568), Japanese standard (JIS2401) and international standard (ISO3601/1).

List of international standards for O-rings

|  |  |
| --- | --- |
| standard | O-ring section diameter W (mm) |
| American standard -AS568 British standard -BS1516 | 1.78 2.62 3.53 5.33 6.99 |
| Japanese standard --JIS2401 | P series 1.9 2.4 3.5 5.7 8.4 |
| G series 3.1 5.7 |
| International standard -ISO3601/1 | 1.8 2.65 3.55 5.30 7.00 |
| German standard -DIN3771/1 |
| Chinese standard --GB3452-1 |
| Preferred metric size | 1.0 1.5 2.0 2.5 3.0 |
| 3.5 4.0 4.5 5.0 5.5 |
| 6.0 7.0 8.0 10.0 12.0 |
| American standard --AS568 (----900 series) | 1.02 1.42 1.63 1.83 1.98 |
| 2.08 2.21 2.46 2.95 3.00 |

JIS2401--P series

|  |  |
| --- | --- |
| Model  number | specification |
| P42 | 41 .70×3 .50 |
| P44 | 43 .70×3 .50 |
| P45 | 44 .70×3 .50 |
| P46 | 45 .70×3 .50 |
| P48 | 47 .70×3 .50 |
| P49 | 48 .70×3 .50 |
| P50 | 49 .70×3 .50 |
| P48A | 47 .60×5 .70 |
| P50A | 49 .60×5 .70 |
| P52 | 51 .60×5 .70 |
| P53 | 52 .60×5 .70 |
| P55 | 54 .60×5 .70 |
| P56 | 55 .60×5 .70 |
| P58 | 57 .60×5 .70 |
| P60 | 59 .60×5 .70 |
| P62 | 61 .60×5 .70 |
| P63 | 62 .60×5 .70 |
| P65 | 64 .60×5 .70 |
| P67 | 66 .60×5 .70 |
| P70 | 69 .60×5 .70 |
| P71 | 70 .60×5 .70 |
| P75 | 74 .60×5 .70 |
| P80 | 79 .60×5 .70 |
| P85 | 84 .60×5 .70 |
| P90 | 89 .60×5 .70 |
| P95 | 94 .60×5 .70 |
| P100 | 99 .60×5 .70 |
| P102 | 101 .60×5 .70 |
| P105 | 104 .60×5 .70 |
| P110 | 109 .60×5 .70 |
| P112 | 111 .60×5 .70 |
| P115 | 114 .60×5 .70 |
| P120 | 119 .60×5 .70 |
| P125 | 124 .60×5 .70 |
| P130 | 129 .60×5 .70 |
| P132 | 131 .60×5 .70 |
| P135 | 134 .60×5 .70 |
| P140 | 139 .60×5 .70 |
| P145 | 144 .60×5 .70 |
| P150 | 149 .60×5 .70 |

|  |  |
| --- | --- |
| Model number | specification |
| P3 | 2 . 80×1 .90 |
| P4 | 3 . 80×1 .90 |
| P5 | 4 . 80×1 .90 |
| P6 | 5 . 80×1 .90 |
| P7 | 6 . 80×1 .90 |
| P8 | 7 . 80×1 .90 |
| P9 | 8 . 80×1 .90 |
| P10 | 9 . 80×1 .90 |
| P10A | 9 . 80×2 .40 |
| P11 | 10 . 80×2 .40 |
| P11 .2 | 11 .00×2 .40 |
| P12 | 11 . 80×2 .40 |
| P12 .5 | 12 .30×2 .40 |
| P014 | 13 . 80×2 .40 |
| P015 | 14 . 80×2 .40 |
| P016 | 15 . 80×2 .40 |
| P018 | 17 . 80×2 .40 |
| P020 | 19 . 80×2 .40 |
| P021 | 20 . 80×2 .40 |
| P022 | 21 . 80×2 .40 |
| P22A | 21 .70×3 .50 |
| P22 .4 | 22 . 10×3 .50 |
| P24 | 23 .70×3 .50 |
| P25 | 24 .70×3 .50 |
| P25 .5 | 25 .20×3 .50 |
| P26 | 25 .70×3 .50 |
| P28 | 27 .70×3 .50 |
| P29 | 28 .70×3 .50 |
| P29 .5 | 29 .20×3 .50 |
| P30 | 29 .70×3 .50 |
| P31 | 30 .70×3 .50 |
| P31 .5 | 31 .20×3 .50 |
| P32 | 31 .70×3 .50 |
| P34 | 33 .70×3 .50 |
| P35 | 34 .70×3 .50 |
| P35 .5 | 35 .20×3 .50 |
| P36 | 35 .70×3 .50 |
| P38 | 37 .70×3 .50 |
| P39 | 38 .70×3 .50 |
| P40 | 39 .70×3 .50 |
| P41 | 40 .70×3 .50 |

|  |  |
| --- | --- |
| Model  number | specification |
| P150A | 149 .50×8 .40 |
| P155 | 154 .50×8 .40 |
| P160 | 159 .50×8 .40 |
| P165 | 164 .50×8 .40 |
| P170 | 169 .50×8 .40 |
| P175 | 174 .50×8 .40 |
| P180 | 179 .50×8 .40 |
| P185 | 184 .50×8 .40 |
| P190 | 189 .50×8 .40 |
| P195 | 194 .50×8 .40 |
| P200 | 199 .50×8 .40 |
| P205 | 204 .50×8 .40 |
| P209 | 208 .50×8 .40 |
| P210 | 209 .50×8 .40 |
| P215 | 214 .50×8 .40 |
| P220 | 219 .50×8 .40 |
| P225 | 224 .50×8 .40 |
| P230 | 229 .50×8 .40 |
| P235 | 234 .50×8 .40 |
| P240 | 239 .50×8 .40 |
| P245 | 244 .50×8 .40 |
| P250 | 249 .50×8 .40 |
| P255 | 254 .50×8 .40 |
| P260 | 259 .50×8 .40 |
| P265 | 264 .50×8 .40 |
| P270 | 269 .50×8 .40 |
| P275 | 274 .50×8 .40 |
| P280 | 279 .50×8 .40 |
| P285 | 284 .50×8 .40 |
| P290 | 289 .50×8 .40 |
| P295 | 294 .50×8 .40 |
| P300 | 299 .50×8 .40 |
| P315 | 314 .50×8 .40 |
| P320 | 319 .50×8 .40 |
| P335 | 334 .50×8 .40 |
| P340 | 339 .50×8 .40 |
| P355 | 354 .50×8 .40 |
| P360 | 359 .50×8 .40 |
| P375 | 374 .50×8 .40 |
| P385 | 384 .50×8 .40 |
| P400 | 399 .50×8 .40 |

JIS2401--**G** series

|  |  |
| --- | --- |
| Model number | specification |
| G260 | 259 .30×5 .70 |
| G270 | 269 .30×5 .70 |
| G280 | 279 .30×5 .70 |
| G290 | 289 .30×5 .70 |
| G300 | 299 .30×5 .70 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| Model number | specification |
| G025 | 24 .40×3 . 10 |
| G030 | 29 .40×3 . 10 |
| G035 | 34 .40×3 . 10 |
| G040 | 39 .40×3 . 10 |
| G045 | 44 .40×3 . 10 |
| G050 | 49 .40×3 . 10 |
| G055 | 54 .40×3 . 10 |
| G060 | 59 .40×3 . 10 |
| G065 | 64 .40×3 . 10 |
| G070 | 69 .40×3 . 10 |
| G075 | 74 .40×3 . 10 |
| G080 | 79 .40×3 . 10 |
| G085 | 84 .40×3 . 10 |
| G090 | 89 .40×3 . 10 |
| G095 | 94 .40×3 . 10 |
| G100 | 99 .40×3 . 10 |
| G105 | 104 .40×3 . 10 |
| G110 | 109 .40×3 . 10 |
| G115 | 114 .40×3 . 10 |
| G120 | 119 .40×3 . 10 |
| G125 | 124 .40×3 . 10 |
| G130 | 129 .40×3 . 10 |
| G135 | 134 .40×3 . 10 |
| G140 | 139 .40×3 . 10 |
| G145 | 144 .40×3 . 10 |
| G150 | 149 .30×5 .70 |
| G155 | 154 .30×5 .70 |
| G160 | 159 .30×5 .70 |
| G165 | 164 .30×5 .70 |
| G170 | 169 .30×5 .70 |
| G175 | 174 .30×5 .70 |
| G180 | 179 .30×5 .70 |
| G185 | 184 .30×5 .70 |
| G190 | 189 .30×5 .70 |
| G195 | 194 .30×5 .70 |
| G200 | 199 .30×5 .70 |
| G210 | 209 .30×5 .70 |
| G220 | 219 .30×5 .70 |
| G230 | 229 .30×5 .70 |
| G240 | 239 .30×5 .70 |
| G250 | 249 .30×5 .70 |

JIS2401--**S** series

|  |  |  |
| --- | --- | --- |
| specification | Inside diameter | Line diameter |
| S-042 | 41 .5 | 2.0 |
| S-044 | 43 .5 |
| S-045 | 44 .5 |
| S-046 | 45 .5 |
| S-048 | 47 .5 |
| S-050 | 49 .5 |
| S-053 | 52 .5 |
| S-055 | 54 .5 |
| S-056 | 55 .5 |
| S-060 | 59 .5 |
| S-063 | 62 .5 |
| S-065 | 64 .5 |
| S-067 | 66 .5 |
| S-070 | 69 .5 |
| S-071 | 70 .5 |
| S-075 | 74 .5 |
| S-080 | 79 .5 |
| S-085 | 84 .5 |
| S-090 | 89 .5 |
| S-095 | 94 .5 |
| S- 100 | 99 .5 |
| S- 105 | 104 .5 |
| S- 110 | 109 .5 |
| S- 112 | 111 .5 |
| S- 115 | 114 .5 |
| S- 120 | 119 .5 |
| S- 125 | 124 .5 |
| S- 130 | 129 .5 |
| S- 132 | 131 .5 |
| S- 135 | 134 .5 |
| S- 140 | 139 .5 |
| S- 145 | 144 .5 |
| S- 150 | 149 .5 |

|  |  |  |
| --- | --- | --- |
| specification | Inside diameter | Line diameter |
| S-003 | 2.5 | 1.5 |
| S-004 | 3.5 |
| S-005 | 4.5 |
| S-006 | 5.5 |
| S-007 | 6.5 |
| S-008 | 7.5 |
| S-009 | 8.5 |
| S-010 | 9.5 |
| S-011 .2 | 10 .7 |
| S-012 | 11 .5 |
| S-012 .5 | 12 .0 |
| S-014 | 13 .5 |
| S-015 | 14 .5 |
| S-016 | 15 .5 |
| S-018 | 17 .5 |
| S-020 | 19 .5 |
| S-022 | 21 .5 |
| S-022 .4 | 21 .9 | 2.0 |
| S-024 | 23 .5 |
| S-025 | 24 .5 |
| S-026 | 25 .5 |
| S-028 | 27 .5 |
| S-029 | 28 .5 |
| S-030 | 29 .5 |
| S-031 .5 | 31 .0 |
| S-032 | 31 .5 |
| S-034 | 33 .5 |
| S-035 | 34 .5 |
| S-035 .5 | 35 .0 |
| S-036 | 35 .5 |
| S-038 | 37 .5 |
| S-039 | 38 .5 |
| S-040 | 39 .5 |

JIS2401--**SS** series

|  |  |  |
| --- | --- | --- |
| specification | Inside diameter | Line diameter |
| SS-002 | 1 . 80 | 1.0 |
| SS-002 .5 | 2 .00 |
| SS-003 | 2 .50 |
| SS-003 .5 | 3 .00 |
| SS-004 | 3 .50 |
| SS-004 .5 | 4 .00 |
| SS-005 | 4 .50 |
| SS-005 .5 | 5 .00 |
| SS-006 | 5 .50 |
| SS-006 .5 | 6 .00 |
| SS-007 | 6 .50 |
| SS-007 .5 | 7 .00 |
| SS-008 | 7 .50 |
| SS-008 .5 | 8 .00 |
| SS-009 | 8 .50 |
| SS-009 .5 | 9 .00 |
| SS-010 | 9 .50 |
| SS-010 .5 | 10 .00 |
| SS-011 | 10 .50 |
| SS-011 .5 | 11 .00 |
| SS-012 | 11 .50 |

JIS2401--**V** series

|  |  |  |
| --- | --- | --- |
| specification | Inside diameter | Line diameter |
| V- 15 | 14 .5 | 4.0 |
| V-24 | 23 .5 |
| V-34 | 33 .5 |
| V-40 | 39 .5 |
| V-55 | 54 .5 |
| V-70 | 69 .0 |
| V- 85 | 84 .0 |
| V- 100 | 99 .0 |
| V- 120 | 119 .0 |
| V- 150 | 148 .5 |
| V- 175 | 173 .0 |
| V-225 | 222 .5 | 6.0 |
| V-275 | 272 .5 |
| V-325 | 321 .5 |
| V-380 | 376 .0 |
| V-430 | 425 .5 |
| V-480 | 475 .0 | 10 .0 |
| V-530 | 524 .5 |
| V-585 | 579 .0 |
| V-640 | 633 .5 |
| V-690 | 683 .0 |
| V-740 | 732 .5 |
| V-790 | 782 .0 |
| V- 845 | 836 .5 |
| V-950 | 940 .5 |
| V- 1055 | 1044 .0 |

AS568series

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -001 | 1/32 | 3/32 | 1/32 | 0 .029± 0 .004 | 0 .040± 0 .003 | 0 .74± 0 . 1 | 1 .02± 0 .08 |
| -002 | 3/64 | 9/64 | 3/64 | 0 .042± 0 .004 | 0 .050± 0 .003 | 1 .07± 0 . 1 | 1 .27± 0 .08 |
| -003 | 1/ 16 | 3/ 16 | 1/ 16 | 0 .056± 0 .04 | 0 .60± 0 .003 | 1 .42± 0 . 1 | 1 .52± 0 .08 |
| -004 | 5/64 | 13/64 | 1/ 16 | 0 .070± 0 .005 | 0 .070± 0 .003 | 1 .78± 0 . 13 | 1 .78± 0 .08 |
| -005 | 3/32 | 7/32 | 1/ 16 | 0 . 101± 0 .005 | 0 .070± 0 .003 | 2 .57± 0 . 13 | 1 .78± 0 .08 |
| -006 | 1/ 8 | 1/4 | 1/ 16 | 0 . 114± 0 .005 | 0 .070± 0 .003 | 2 .90± 0 . 13 | 1 .78± 0 .08 |
| -007 | 5/32 | 9/32 | 1/ 16 | 0 . 145± 0 .005 | 0 .070± 0 .003 | 3 .68± 0 . 13 | 1 .78± 0 .08 |
| -008 | 3/ 16 | 5/ 16 | 1/ 16 | 0 . 176± 0 .005 | 0 .070± 0 .003 | 4 .47± 0 . 13 | 1 .78± 0 .08 |
| -009 | 7/32 | 11/32 | 1/ 16 | 0 .208± 0 .005 | 0 .070± 0 .003 | 5 .28± 0 . 13 | 1 .78± 0 .08 |
| -010 | 1/4 | 3/ 8 | 1/ 16 | 0 .239± 0 .005 | 0 .070± 0 .003 | 6 .07± 0 . 13 | 1 .78± 0 .08 |
| -011 | 5/ 16 | 7/ 16 | 1/ 16 | 0 .301± 0 .0005 | 0 .070± 0 .003 | 7 .65± 0 . 13 | 1 .78± 0 .08 |
| -012 | 3/ 8 | 1/2 | 1/ 16 | 0 .364± 0 .005 | 0 .070± 0 .003 | 9 .25± 0 . 13 | 1 .78± 0 .08 |
| -013 | 7/ 16 | 9/ 16 | 1/ 16 | 0 .426± 0 .005 | 0 .070± 0 .003 | 10 . 82± 0 . 13 | 1 .78± 0 .08 |
| -014 | 1/2 | 5/ 8 | 1/ 16 | 0 .489± 0 .005 | 0 .070± 0 .003 | 12 .42± 0 . 13 | 1 .78± 0 .08 |
| -015 | 9/ 16 | 11/ 16 | 1/ 16 | 0 .551± 0 .007 | 0 .070± 0 .003 | 14 .00± 0 . 18 | 1 .78± 0 .08 |
| -016 | 5/ 8 | 3/4 | 1/ 16 | 0 .614± 0 .009 | 0 .070± 0 .003 | 15 .60± 0 .23 | 1 .78± 0 .08 |
| -017 | 11/ 16 | 13/ 16 | 1/ 16 | 0 .676± 0 .009 | 0 .070± 0 .003 | 17 . 17± 0 .23 | 1 .78± 0 .08 |
| -018 | 3/4 | 7/ 8 | 1/ 16 | 0 .739± 0 .009 | 0 .070± 0 .003 | 18 .77± 0 .23 | 1 .78± 0 .08 |
| -019 | 13/ 16 | 15/ 16 | 1/ 16 | 0 . 801± 0 .009 | 0 .070± 0 .003 | 20 .35± 0 .23 | 1 .78± 0 .08 |
| -020 | 7/ 8 | 1 | 1/ 16 | 0 . 864± 0 .009 | 0 .070± 0 .003 | 21 .95± 0 .23 | 1 .78± 0 .08 |
| -021 | 15/ 16 | 1 1/ 16 | 1/ 16 | 0 .926± 0 .009 | 0 .070± 0 .003 | 23 .52± 0 .23 | 1 .78± 0 .08 |
| -022 | 1 | 1 1/ 18 | 1/ 16 | 0 .989± 0 .010 | 0 .070± 0 .003 | 25 . 12± 0 .25 | 1 .78± 0 .08 |
| -023 | 1 1/ 16 | 1 3/ 16 | 1/ 16 | 1 .051± 0 .010 | 0 .070± 0 .003 | 26 .70± 0 .25 | 1 .78± 0 .08 |
| -024 | 1 1/ 18 | 1 1/ 14 | 1/ 16 | 1 . 114± 0 .010 | 0 .070± 0 .003 | 28 .30± 0 .25 | 1 .78± 0 .08 |
| -025 | 1 3/ 16 | 1 5/ 16 | 1/ 16 | 1 . 176± 0 .011 | 0 .070± 0 .003 | 29 . 87± 0 .28 | 1 .78± 0 .08 |
| -026 | 1 1/4 | 1 3/ 8 | 1/ 16 | 1 .239± 0 .011 | 0 .070± 0 .003 | 31 .47± 0 .28 | 1 .78± 0 .08 |
| -027 | 1 5/ 16 | 1 7/ 16 | 1/ 16 | 1 .301± 0 .0011 | 0 .070± 0 .003 | 33 .05± 0 .28 | 1 .78± 0 .08 |
| -028 | 1 3/ 8 | 1 1/2 | 1/ 16 | 1 .364± 0 .013 | 0 .070± 0 .003 | 34 .65± 0 .33 | 1 .78± 0 .08 |
| -029 | 1 1/2 | 1 5/ 8 | 1/ 16 | 1 .489± 0 .013 | 0 .070± 0 .003 | 37 . 82± 0 .33 | 1 .78± 0 .08 |
| -030 | 1 5/ 8 | 1 3/4 | 1/ 16 | 1 .614± 0 .013 | 0 .070± 0 .003 | 41 .00± 0 .33 | 1 .78± 0 .08 |
| -031 | 1 3/4 | 1 7/ 8 | 1/ 16 | 1 .739± 0 .015 | 0 .070± 0 .003 | 44 . 17± 0 .38 | 1 .78± 0 .08 |
| -032 | 1 7/ 8 | 2 | 1/ 16 | 1 . 864± 0 .015 | 0 .070± 0 .003 | 47 .35± 0 .38 | 1 .78± 0 .08 |
| -033 | 2 | 2 1/ 8 | 1/ 16 | 1 .989± 0 .018 | 0 .070± 0 .003 | 50 .52± 0 .46 | 1 .78± 0 .08 |
| -034 | 2 1/ 8 | 2 1/4 | 1/ 16 | 2 . 114± 0 .018 | 0 .070± 0 .003 | 53 .7± 0 .46 | 1 .78± 0 .08 |
| -035 | 2 1/4 | 2 3/ 8 | 1/ 16 | 2 .239± 0 .018 | 0 .070± 0 .003 | 56 . 87± 0 .46 | 1 .78± 0 .08 |
| -036 | 2 3/ 8 | 2 1/2 | 1/ 16 | 2 .364± 0 .018 | 0 .070± 0 .003 | 60 .05± 0 .46 | 1 .78± 0 .08 |
| -037 | 2 1/2 | 2 5/ 8 | 1/ 16 | 2 .498± 0 .018 | 0 .070± 0 .003 | 63 .22± 0 .46 | 1 .78± 0 .08 |
| -038 | 2 5/ 8 | 2 3/4 | 1/ 16 | 2 .614± 0 .020 | 0 .070± 0 .003 | 66 .40± 0 .51 | 1 .78± 0 .08 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -039 | 2 3/4 | 2 7/ 8 | 1/ 16 | 2 .739± 0 .020 | 0 .070± 0 .003 | 69 .57± 0 .51 | 1 .78± 0 .08 |
| -040 | 2 7/ 8 | 3 | 1/ 16 | 2 . 864± 0 .020 | 0 .070± 0 .003 | 72 .57± 0 .51 | 1 .78± 0 .08 |
| -041 | 3 | 3 1/ 8 | 1/ 16 | 2 .989± 0 .024 | 0 .070± 0 .003 | 75 .92± 0 .61 | 1 .78± 0 .08 |
| -042 | 3 1/4 | 3 3/ 8 | 1/ 16 | 3 .239± 0 .024 | 0 .070± 0 .003 | 82 .27± 0 .61 | 1 .78± 0 .08 |
| -043 | 3 1/2 | 3 5/ 8 | 1/ 16 | 3 .489± 0 .024 | 0 .070± 0 .003 | 88 .62± 0 .61 | 1 .78± 0 .08 |
| -044 | 3 3/4 | 3 7/ 8 | 1/ 16 | 3 .739± 0 .027 | 0 .070± 0 .003 | 94 .97± 0 .69 | 1 .78± 0 .08 |
| -045 | 4 | 4 1/ 8 | 1/ 16 | 3 .989± 0 .027 | 0 .070± 0 .003 | 101 .32± 0 .69 | 1 .78± 0 .08 |
| -046 | 4 1/4 | 4 3/ 8 | 1/ 16 | 4 .239± 0 .030 | 0 .070± 0 .003 | 107 .67± 0 .76 | 1 .78± 0 .08 |
| -047 | 4 1/2 | 4 5/ 8 | 1/ 16 | 4 .489± 0 .030 | 0 .070± 0 .003 | 114 .02± 0 .76 | 1 .78± 0 .08 |
| -048 | 4 3/4 | 4 7/ 8 | 1/ 16 | 4 .739± 0 .030 | 0 .070± 0 .003 | 120 .37± 0 .76 | 1 .78± 0 .08 |
| -049 | 5 | 5 1/ 8 | 1/ 16 | 4 .989± 0 .037 | 0 .070± 0 .003 | 126 .72± 0 .94 | 1 .78± 0 .08 |
| -050 | 5 1/4 | 5 3/ 8 | 1/ 16 | 5 .239± 0 .037 | 0 .070± 0 .003 | 133 .07± 0 .94 | 1 .78± 0 .08 |
| - 102 | 1/ 16 | 1/4 | 3/32 | 0 .049± 0 .005 | 0 . 103± 0 .003 | 1 .24± 0 . 13 | 2 .62± 0 .08 |
| - 103 | 3/32 | 9/32 | 3/32 | 0 .081± 0 .005 | 0 . 103± 0 .003 | 2 .06± 0 . 13 | 2 .62± 0 .08 |
| - 104 | 1/ 8 | 5/ 16 | 3/32 | 0 . 112± 0 .005 | 0 . 103± 0 .003 | 2 . 84± 0 . 13 | 2 .62± 0 .08 |
| - 105 | 5/32 | 0 .34375 | 3/32 | 0 . 143± 0 .005 | 0 . 103± 0 .003 | 3 .63± 0 . 13 | 2 .62± 0 .08 |
| - 106 | 3/ 16 | 3/ 8 | 3/32 | 0 . 174± 0 .005 | 0 . 103± 0 .003 | 4 .42± 0 . 13 | 2 .62± 0 .08 |
| - 107 | 7/32 | 13/32 | 3/32 | 0 .206± 0 .005 | 0 . 103± 0 .003 | 5 .23± 0 . 13 | 2 .62± 0 .08 |
| - 108 | 1/4 | 7/ 16 | 3/32 | 0 .237± 0 .005 | 0 . 103± 0 .003 | 6 .02± 0 . 13 | 2 .62± 0 .08 |
| - 109 | 5/ 16 | 1/2 | 3/32 | 0 .299± 0 .005 | 0 . 103± 0 .003 | 7 .59± 0 . 13 | 2 .62± 0 .08 |
| - 110 | 3/ 8 | 9/ 16 | 3/32 | 0 .362± 0 .005 | 0 . 103± 0 .003 | 9 . 19± 0 . 13 | 2 .62± 0 .08 |
| - 111 | 7/ 16 | 5/ 8 | 3/32 | 0 .424± 0 .005 | 0 . 103± 0 .003 | 10 .77± 0 . 13 | 2 .62± 0 .08 |
| - 112 | 1/2 | 1 1/ 16 | 3/32 | 0 .487± 0 .005 | 0 . 103± 0 .003 | 12 .37± 0 . 13 | 2 .62± 0 .08 |
| - 113 | 9/ 16 | 3/4 | 3/32 | 0 .549± 0 .005 | 0 . 103± 0 .003 | 13 .94± 0 . 13 | 2 .62± 0 .08 |
| - 114 | 5/ 8 | 13/ 16 | 3/32 | 0 .612± 0 .009 | 0 . 103± 0 .003 | 15 .54± 0 .23 | 2 .62± 0 .08 |
| - 115 | 1 1/ 16 | 7/B | 3/32 | 0 .674± 0 .009 | 0 . 103± 0 .003 | 17 . 12± 0 .23 | 2 .62± 0 .08 |
| - 116 | 3/4 | 15/ 16 | 3/32 | 0 .737± 0 .009 | 0 . 103± 0 .003 | 18 .72± 0 .23 | 2 .62± 0 .08 |
| - 117 | 13/ 16 | 1 | 3/32 | 0 .799± 0 .010 | 0 . 103± 0 .003 | 20 .29± 0 .25 | 2 .62± 0 .08 |
| - 118 | 7/ 8 | 1 1/ 16 | 3/32 | 0 . 862± 0 .010 | 0 . 103± 0 .003 | 21 . 89± 0 .25 | 2 .62± 0 .08 |
| - 119 | 15/ 16 | 1 1/ 8 | 3/32 | 0 .924± 0 .010 | 0 . 103± 0 .003 | 23 .47± 0 .25 | 2 .62± 0 .08 |
| - 120 | 1 | 1 3/ 16 | 3/32 | 0 .987± 0 .010 | 0 . 103± 0 .003 | 25 .07± 0 .25 | 2 .62± 0 .08 |
| - 121 | 1 1/ 16 | 1 1/4 | 3/32 | 1 .049± 0 .010 | 0 . 103± 0 .003 | 26 .64± 0 .25 | 2 .62± 0 .08 |
| - 122 | 1 1/ 8 | 1 5/ 16 | 3/32 | 1 . 112± 0 .010 | 0 . 103± 0 .003 | 28 .24± 0 .25 | 2 .62± 0 .08 |
| - 123 | 1 3/ 16 | 1 3/ 8 | 3/32 | 1 . 174± 0 .012 | 0 . 103± 0 .003 | 29 . 82± 0 .30 | 2 .62± 0 .08 |
| - 124 | 1/4 | 1 7/ 16 | 3/32 | 1 .237± 0 .012 | 0 . 103± 0 .003 | 31 .42± 0 .30 | 2 .62± 0 .08 |
| - 125 | 1 5/ 16 | 1 1/2 | 3/32 | 1 .299± 0 .012 | 0 . 103± 0 .003 | 32 .99± 0 .30 | 2 .62± 0 .08 |
| - 126 | 1 3/ 8 | 1 9/ 16 | 3/32 | 1 .362± 0 .012 | 0 . 103± 0 .003 | 34 .59± 0 .30 | 2 .62± 0 .08 |
| - 127 | 1 7/ 16 | 1 5/ 8 | 3/32 | 1 .424± 0 .012 | 0 . 103± 0 .003 | 36 . 17± 0 .30 | 2 .62± 0 .08 |
| - 128 | 1 1/2 | 1 2/3 | 3/32 | 1 .487± 0 .012 | 0 . 103± 0 .003 | 37 .77± 0 .30 | 2 .62± 0 .08 |
| - 129 | 1 9/ 16 | 1 3/4 | 3/32 | 1 .549± 0 .015 | 0 . 103± 0 .003 | 39 .34± 0 .38 | 2 .62± 0 .08 |
| - 130 | 1 5/ 8 | 1 13/ 16 | 3/32 | 1 .612± 0 .015 | 0 . 103± 0 .003 | 40 .94± 0 .38 | 2 .62± 0 .08 |
| - 131 | 11/ 16 | 1 7/ 8 | 3/32 | 1 .674± 0 .015 | 0 . 103± 0 .003 | 42 .52± 0 .38 | 2 .62± 0 .08 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| - 132 | 1 3/4 | 1 15/ 16 | 3/32 | 1 .737± 0 .015 | 0 . 103± 0 .003 | 44 . 12± 0 .38 | 2 .62± 0 .08 |
| - 133 | 1 13/ 16 | 2 | 3/32 | 1 .799± 0 .015 | 0 . 103± 0 .003 | 45 .69± 0 .38 | 2 .62± 0 .08 |
| - 134 | 1 7/ 8 | 2 1/ 16 | 3/32 | 1 . 862± 0 .015 | 0 . 103± 0 .003 | 47 .29± 0 .38 | 2 .62± 0 .08 |
| - 135 | 1 15/ 16 | 2 1/ 8 | 3/32 | 1 .925± 0 .017 | 0 . 103± 0 .003 | 48 .90± 0 .43 | 2 .62± 0 .08 |
| - 136 | 2 | 2 3/ 16 | 3/32 | 1 .987± 0 .017 | 0 . 103± 0 .003 | 50 .47± 0 .43 | 2 .62± 0 .08 |
| - 137 | 2 1/ 16 | 2 1/4 | 3/32 | 2 .050± 0 .017 | 0 . 103± 0 .003 | 52 .07± 0 .43 | 2 .62± 0 .08 |
| - 138 | 2 1/ 8 | 2 5/ 16 | 3/32 | 2 . 112± 0 .017 | 0 . 103± 0 .003 | 53 .64± 0 .43 | 2 .62± 0 .08 |
| - 139 | 2 3/ 16 | 2 3/ 8 | 3/32 | 2 . 175± 0 .017 | 0 . 103± 0 .003 | 55 .25± 0 .43 | 2 .62± 0 .08 |
| - 140 | 2 1/4 | 2 7/ 16 | 3/32 | 2 .237± 0 .017 | 0 . 103± 0 .003 | 56 . 82± 0 .43 | 2 .62± 0 .08 |
| - 141 | 2 5/ 16 | 2 1/2 | 3/32 | 2 .300± 0 .020 | 0 . 103± 0 .003 | 58 .42+0 .51 | 2 .62± 0 .08 |
| - 142 | 2 3/ 8 | 2 9/ 16 | 3/32 | 2 .362± 0 .020 | 0 . 103± 0 .003 | 59 .99± 0 .51 | 2 .62± 0 .08 |
| - 143 | 2 7/ 16 | 2 5/ 8 | 3/32 | 2 .425± 0 .020 | 0 . 103± 0 .003 | 61 .60± 0 .51 | 2 .62± 0 .08 |
| - 144 | 2 1/2 | 2 11/ 16 | 3/32 | 2 .487± 0 .020 | 0 . 103± 0 .003 | 63 . 17± 0 .51 | 2 .62± 0 .08 |
| - 145 | 2 9/ 16 | 2 3/4 | 3/32 | 2 .550± 0 .020 | 0 . 103± 0 .003 | 64 .77± 0 .51 | 2 .62± 0 .08 |
| - 146 | 2 5/ 8 | 2 13/ 16 | 3/32 | 2 .612± 0 .020 | 0 . 103± 0 .003 | 66 .34± 0 .51 | 2 .62± 0 .08 |
| - 147 | 2 11/ 16 | 2 7/ 8 | 3/32 | 2 .675± 0 .022 | 0 . 103± 0 .003 | 67 .95± 0 .56 | 2 .62± 0 .08 |
| - 148 | 2 3/4 | 2 15/ 16 | 3/32 | 2 .737± 0 .022 | 0 . 103± 0 .003 | 69 .52± 0 .56 | 2 .62± 0 .08 |
| - 149 | 2 13/ 16 | 3 | 3/32 | 2 . 800± 0 .022 | 0 . 103± 0 .003 | 71 . 12± 0 .56 | 2 .62± 0 .08 |
| - 150 | 2 7/ 8 | 3 1/ 16 | 3/32 | 2 . 862± 0 .022 | 0 . 103± 0 .003 | 72 .69± 0 .56 | 2 .62± 0 .08 |
| - 151 | 3 | 3 3/ 16 | 3/32 | 2 .987± 0 .024 | 0 . 103± 0 .003 | 75 . 87± 0 .61 | 2 .62± 0 .08 |
| - 152 | 3 1/4 | 3 7/ 16 | 3/32 | 3 .237± 0 .024 | 0 . 103± 0 .003 | 82 .22± 0 .61 | 2 .62± 0 .08 |
| - 153 | 3 1/2 | 3 11/ 16 | 3/32 | 3 .487± 0 .024 | 0 . 103± 0 .003 | 88 .57± 0 .61 | 2 .62± 0 .08 |
| - 154 | 3 3/4 | 3 15/ 16 | 3/32 | 3 .737**±** 0 .028 | 0 . 103± 0 .003 | 94 .92± 0 .71 | 2 .62± 0 .08 |
| - 155 | 4 | 4 3/ 16 | 3/32 | 3 .987± 0 .028 | 0 . 103± 0 .003 | 101 .27± 0 .71 | 2 .62± 0 .08 |
| - 156 | 4 1/4 | 4 7/ 16 | 3/32 | 4 .237± 0 .030 | 0 . 103± 0 .003 | 107 .62± 0 .76 | 2 .62± 0 .08 |
| - 157 | 4 1/2 | 4 11/ 16 | 3/32 | 4 .487± 0 .030 | 0 . 103± 0 .003 | 113 .97± 0 .76 | 2 .62± 0 .08 |
| - 158 | 4 3/4 | 4 15/ 16 | 3/32 | 4 .737± 0 .030 | 0 . 103± 0 .003 | 120 .32± 0 .76 | 2 .62± 0 .08 |
| - 159 | 5 | 5 3/ 16 | 3/32 | 4 .987± 0 .035 | 0 . 103± 0 .003 | 126 .67± 0 . 89 | 2 .62± 0 .08 |
| - 160 | 5 1/4 | 5 7/ 16 | 3/32 | 5 .237± 0 .035 | 0 . 103± 0 .003 | 133 .02± 0 . 89 | 2 .62± 0 .08 |
| - 161 | 5 1/2 | 5 11/ 16 | 3/32 | 5 .487± 0 .035 | 0 . 103± 0 .003 | 139 .37± 0 . 89 | 2 .62± 0 .08 |
| - 162 | 5 3/4 | 5 15/ 16 | 3/32 | 5 .737± 0 .035 | 0 . 103± 0 .003 | 146 .48± 0 . 89 | 2 .62± 0 .08 |
| - 163 | 6 | 6 3/ 16 | 3/32 | 5 .987± 0 .035 | 0 . 103± 0 .003 | 152 .07± 0 . 89 | 2 .62± 0 .08 |
| - 164 | 6 1/4 | 6 7/ 16 | 3/32 | 6 .237± 0 .040 | 0 . 103± 0 .003 | 158 .42± 1 .02 | 2 .62± 0 .08 |
| - 165 | 6 1/2 | 6 11/ 16 | 3/32 | 6 .487± 0 .040 | 0 . 103± 0 .003 | 164 .77± 1 .02 | 2 .62± 0 .08 |
| - 166 | 6 3/4 | 6 15/ 16 | 3/32 | 6 .737± 0 .040 | 0 . 103± 0 .003 | 171 . 12± 1 .02 | 2 .62± 0 .08 |
| - 167 | 7 | 7 3/ 16 | 3/32 | 6 .987± 0 .040 | 0 . 103± 0 .003 | 177 .47± 1 .02 | 2 .62± 0 .08 |
| - 168 | 7 1/4 | 7 7/ 16 | 3/32 | 7 .237± 0 .045 | 0 . 103± 0 .003 | 183 . 82± 1 . 14 | 2 .62± 0 .08 |
| - 169 | 7 1/2 | 7 11/ 16 | 3/32 | 7 .487± 0 .045 | 0 . 103± 0 .003 | 190 . 17± 1 . 14 | 2 .62± 0 .08 |
| - 170 | 7 3/4 | 7 15/ 16 | 3/32 | 7 .737± 0 .045 | 0 . 103± 0 .003 | 196 .52± 1 . 14 | 2 .62± 0 .08 |
| - 171 | 8 | 8 3/ 16 | 3/32 | 7 .987± 0 .045 | 0 . 103± 0 .003 | 202 . 87± 1 . 14 | 2 .62± 0 .08 |
| - 172 | 8 1/4 | 8 7/ 16 | 3/32 | 8 .237± 0 .050 | 0 . 103± 0 .003 | 209 .22± 1 .27 | 2 .62± 0 .08 |
| - 173 | 8 1/2 | 3 11/ 16 | 3/32 | 8 .487± 0 .050 | 0 . 103± 0 .003 | 215 .57± 1 .27 | 2 .62± 0 .08 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| - 174 | 8 3/4 | 3 15/ 16 | 3/32 | 8 .737± 0 .050 | 0 . 103± 0 .003 | 221 .92± 1 .27 | 2 .62± 0 .08 |
| - 175 | 9 | 9 3/ 16 | 3/32 | 8 .987± 0 .050 | 0 . 103± 0 .003 | 228 .27± 1 .27 | 2 .62± 0 .08 |
| - 176 | 9 1/4 | 9 7/ 16 | 3/32 | 9 .237± 0 .055 | 0 . 103± 0 .003 | 234 .62± 1 .40 | 2 .62± 0 .08 |
| - 177 | 9 1/2 | 9 11/ 16 | 3/32 | 9 .487± 0 .055 | 0 . 103± 0 .003 | 240 .97± 1 .40 | 2 .62± 0 .08 |
| - 178 | 9 3/4 | 9 15/ 16 | 3/32 | 9 .737± 0 .055 | 0 . 103± 0 .003 | 247 .32± 1 .40 | 2 .62± 0 .08 |
| -201 | 3/ 16 | 7/ 16 | 1/ 8 | 0 . 171± 0 .005 | 0 . 139± 0 .004 | 4 .34± 0 . 13 | 3 .53± 0 . 10 |
| -202 | 1/4 | 1/2 | 1/ 8 | 0 .234± 0 .005 | 0 . 139± 0 .004 | 5 .94± 0 . 13 | 3 .53± 0 . 10 |
| -203 | 5/ 16 | 9/ 16 | 1/ 8 | 0 .296± 0 .005 | 0 . 139± 0 .004 | 7 .52± 0 . 13 | 3 .53± 0 . 10 |
| -204 | 3/ 8 | 5/ 8 | 1/ 8 | 0 .359± 0 .005 | 0 . 139± 0 .004 | 9 . 12± 0 . 13 | 3 .53± 0 . 10 |
| -205 | 7/ 16 | 11/ 16 | 1/ 8 | 0 .421± 0 .005 | 0 . 139± 0 .004 | 10 .69± 0 . 13 | 3 .53± 0 . 10 |
| -206 | 1/2 | 3/4 | 1/ 8 | 0 .484± 0 .005 | 0 . 139± 0 .004 | 12 .29± 0 . 13 | 3 .53± 0 . 10 |
| -207 | 9/ 16 | 13/ 16 | 1/ 8 | 0 .546± 0 .007 | 0 . 139± 0 .004 | 13 . 87± 0 . 18 | 3 .53± 0 . 10 |
| -208 | 5/ 8 | 7/ 8 | 1/ 8 | 0 .609± 0 .009 | 0 . 139± 0 .004 | 15 .47± 0 .23 | 3 .53± 0 . 10 |
| -209 | 11/ 16 | 15/ 16 | 1/ 8 | 0 .671± 0 .009 | 0 . 139± 0 .004 | 17 .04± 0 .23 | 3 .53± 0 . 10 |
| -210 | 3/4 | 1 | 1/ 8 | 0 .734± 0 .010 | 0 . 139± 0 .004 | 18 .64± 0 .25 | 3 .53± 0 . 10 |
| -211 | 13/ 16 | 1 1/ 16 | 1/ 8 | 0 .796± 0 .010 | 0 . 139± 0 .004 | 20 .22± 0 .25 | 3 .53± 0 . 10 |
| -212 | 7/ 8 | 1 1/ 8 | 1/ 8 | 0 . 859± 0 .010 | 0 . 139± 0 .004 | 21 . 82± 0 .25 | 3 .53± 0 . 10 |
| -213 | 15/ 16 | 1 3/ 16 | 1/ 8 | 0 .921± 0 .010 | 0 . 139± 0 .004 | 23 .39± 0 .25 | 3 .53± 0 . 10 |
| -214 | 1 | 1 1/4 | 1/ 8 | 0 .984± 0 .010 | 0 . 139± 0 .004 | 24 .99± 0 .25 | 3 .53± 0 . 10 |
| -215 | 1 1/ 16 | 1 5/ 16 | 1/ 8 | 1 .046± 0 .010 | 0 . 139± 0 .004 | 26 .57± 0 .25 | 3 .53± 0 . 10 |
| -216 | 1 1/ 8 | 1 3/ 8 | 1/ 8 | 1 . 109± 0 .012 | 0 . 139± 0 .004 | 28 . 17± 0 .30 | 3 .53± 0 . 10 |
| -217 | 1 3/ 16 | 1 7/ 16 | 1/ 8 | 1 . 171± 0 .012 | 0 . 139± 0 .004 | 29 .74± 0 .30 | 3 .53± 0 . 10 |
| -218 | 1 1/4 | 1 1/2 | 1/ 8 | 1 .234± 0 .012 | 0 . 139± 0 .004 | 31 .34± 0 .30 | 3 .53± 0 . 10 |
| -219 | 1 5/ 16 | 1 9/ 16 | 1/ 8 | 1 .296± 0 .012 | 0 . 139± 0 .004 | 32 .92± 0 .30 | 3 .53± 0 . 10 |
| -220 | 1 3/ 8 | 1 5/ 8 | 1/ 8 | 1 .359± 0 .012 | 0 . 139± 0 .004 | 34 .52± 0 .30 | 3 .53± 0 . 10 |
| -221 | 1 7/ 16 | 1 11/ 16 | 1/ 8 | 1 .421± 0 .012 | 0 . 139± 0 .004 | 36 .09± 0 .30 | 3 .53± 0 . 10 |
| -222 | 1 1/2 | 1 3/4 | 1/ 8 | 1 .484± 0 .015 | 0 . 139± 0 .004 | 37 .69± 0 .38 | 3 .53± 0 . 10 |
| -223 | 1 5/ 8 | 1 7/ 8 | 1/ 8 | 1 .609± 0 .015 | 0 . 139± 0 .004 | 40 . 87± 0 .38 | 3 .53± 0 . 10 |
| -224 | 1 3/4 | 2 | 1/ 8 | 1 .734± 0 .015 | 0 . 139± 0 .004 | 44 .04± 0 .38 | 3 .53± 0 . 10 |
| -225 | 1 7/ 8 | 2 1/ 8 | 1/ 8 | 1 . 859± 0 .018 | 0 . 139± 0 .004 | 47 .22± 0 .46 | 3 .53± 0 . 10 |
| -226 | 2 | 2 1/4 | 1/ 8 | 1 .984± 0 .018 | 0 . 139± 0 .004 | 50 .39± 0 .46 | 3 .53± 0 . 10 |
| -227 | 2 1/ 8 | 2 3/ 8 | 1/ 8 | 2 . 109± 0 .018 | 0 . 139± 0 .004 | 53 .57± 0 .46 | 3 .53± 0 . 10 |
| -228 | 2 1/4 | 2 1/2 | 1/ 8 | 2 .234± 0 .020 | 0 . 139± 0 .004 | 56 .74± 0 .51 | 3 .53± 0 . 10 |
| -229 | 2 3/ 8 | 2 5/ 8 | 1/ 8 | 2 .359± 0 .020 | 0 . 139± 0 .004 | 59 .92± 0 .51 | 3 .53± 0 . 10 |
| -230 | 2 1/2 | 2 3/4 | 1/ 8 | 2 .484± 0 .020 | 0 . 139± 0 .004 | 63 .09± 0 .51 | 3 .53± 0 . 10 |
| -231 | 2 5/ 8 | 2 7/ 8 | 1/ 8 | 2 .609± 0 .020 | 0 . 139± 0 .004 | 66 .27± 0 .51 | 3 .53± 0 . 10 |
| -232 | 2 3/4 | 3 | 1/ 8 | 2 .734± 0 .024 | 0 . 139± 0 .004 | 69 .44± 0 .61 | 3 .53± 0 . 10 |
| -233 | 2 7/ 8 | 3 1/ 8 | 1/ 8 | 2 . 859± 0 .024 | 0 . 139± 0 .004 | 72 .62± 0 .61 | 3 .53± 0 . 10 |
| -234 | 3 | 3 1/4 | 1/ 8 | 2 .984± 0 .024 | 0 . 139± 0 .004 | 75 .79± 0 .61 | 3 .53± 0 . 10 |
| -235 | 3 1/ 8 | 3 3/ 8 | 1/ 8 | 3 . 109± 0 .024 | 0 . 139± 0 .004 | 78 .97± 0 .61 | 3 .53± 0 . 10 |
| -236 | 3 1/4 | 3 1/2 | 1/ 8 | 3 .234± 0 .024 | 0 . 139± 0 .004 | 82 . 14± 0 .61 | 3 .53± 0 . 10 |
| -237 | 3 3/ 8 | 3 5/ 8 | 1/ 8 | 3 .359± 0 .024 | 0 . 139± 0 .004 | 85 .32± 0 .61 | 3 .53± 0 . 10 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -238 | 3 1/2 | 3 3/4 | 1/ 8 | 3 .484± 0 .024 | 0 . 139± 0 .004 | 88 .49± 0 .61 | 3 .53± 0 . 10 |
| -239 | 3 5/ 8 | 3 7/ 8 | 1/ 8 | 3 .609± 0 .028 | 0 . 139± 0 .004 | 91 .67± 0 .71 | 3 .53± 0 . 10 |
| -240 | 3 3/4 | 4 | 1/ 8 | 3 .734± 0 .028 | 0 . 139± 0 .004 | 94 . 84± 0 .71 | 3 .53± 0 . 10 |
| -241 | 3 7/ 8 | 4 1/ 8 | 1/ 8 | 3 . 859± 0 .028 | 0 . 139± 0 .004 | 98 .02± 0 .71 | 3 .53± 0 . 10 |
| -242 | 4 | 4 1/4 | 1/ 8 | 3 .984± 0 .028 | 0 . 139± 0 .004 | 101 . 19± 0 .71 | 3 .53± 0 . 10 |
| -243 | 4 1/ 8 | 4 3/ 8 | 1/ 8 | 4 . 109± 0 .028 | 0 . 139± 0 .004 | 104 .37± 0 .71 | 3 .53± 0 . 10 |
| -244 | 4 1/4 | 4 1/2 | 1/ 8 | 4 .234± 0 .030 | 0 . 139± 0 .004 | 107 .54± 0 .76 | 3 .53± 0 . 10 |
| -245 | 4 3/ 8 | 4 5/ 8 | 1/ 8 | 4 .359± 0 .030 | 0 . 139± 0 .004 | 110 .72± 0 .76 | 3 .53± 0 . 10 |
| -246 | 4 1/2 | 4 3/4 | 1/ 8 | 4 .484± 0 .030 | 0 . 139± 0 .004 | 113 . 89± 0 .76 | 3 .53± 0 . 10 |
| -247 | 4 5/ 8 | 4 7/ 8 | 1/ 8 | 4 .609± 0 .030 | 0 . 139± 0 .004 | 117 .07± 0 .76 | 3 .53± 0 . 10 |
| -248 | 4 3/4 | 5 | 1/ 8 | 4 .734± 0 .030 | 0 . 139± 0 .004 | 120 .24± 0 .76 | 3 .53± 0 . 10 |
| -249 | 4 7/ 8 | 5 1/ 8 | 1/ 8 | 4 . 859± 0 .035 | 0 . 139± 0 .004 | 123 .42± 0 . 89 | 3 .53± 0 . 10 |
| -250 | 5 | 5 1/4 | 1/ 8 | 4 .984± 0 .035 | 0 . 139± 0 .004 | 126 .59± 0 . 89 | 3 .53± 0 . 10 |
| -251 | 5 1/ 8 | 5 3/ 8 | 1/ 8 | 5 . 109± 0 .035 | 0 . 139± 0 .004 | 129 .77± 0 . 89 | 3 .53± 0 . 10 |
| -252 | 5 1/4 | 5 1/2 | 1/ 8 | 5 .234± 0 .035 | 0 . 139± 0 .004 | 132 .94± 0 . 89 | 3 .53± 0 . 10 |
| -253 | 5 3/ 8 | 5 5/ 8 | 1/ 8 | 5 .359± 0 .035 | 0 . 139± 0 .004 | 136 . 12± 0 . 89 | 3 .53± 0 . 10 |
| -254 | 5 1/2 | 5 3/4 | 1/ 8 | 5 .484± 0 .035 | 0 . 139± 0 .004 | 139 .29± 0 . 89 | 3 .53± 0 . 10 |
| -255 | 5 5/ 8 | 5 7/ 8 | 1/ 8 | 5 .609± 0 .035 | 0 . 139± 0 .004 | 142 .47± 0 . 89 | 3 .53± 0 . 10 |
| -256 | 5 3/4 | 6 | 1/ 8 | 5 .734± 0 .035 | 0 . 139± 0 .004 | 145 .64± 0 . 89 | 3 .53± 0 . 10 |
| -257 | 5 7/ 8 | 6 1/ 8 | 1/ 8 | 5 . 859± 0 .035 | 0 . 139± 0 .004 | 145 .64± 0 . 89 | 3 .53± 0 . 10 |
| -258 | 6 | 6 1/4 | 1/ 8 | 5 .984± 0 .035 | 0 . 139± 0 .004 | 151 .99± 0 . 89 | 3 .53± 0 . 10 |
| -259 | 6 1/4 | 6 1/2 | 1/ 8 | 6 .234± 0 .040 | 0 . 139± 0 .004 | 158 .34± 1 .02 | 3 .53± 0 . 10 |
| -260 | 6 1/2 | 6 3/4 | 1/ 8 | 6 .484± 0 .040 | 0 . 139± 0 .004 | 164 .69± 1 .02 | 3 .53± 0 . 10 |
| -261 | 6 3/4 | 7 | 1/ 8 | 6 .734± 0 .040 | 0 . 139± 0 .004 | 171 .04± 1 .02 | 3 .53± 0 . 10 |
| -262 | 7 | 7 1/4 | 1/ 8 | 6 .984± 0 .040 | 0 . 139± 0 .004 | 177 .39± 1 .02 | 3 .53± 0 . 10 |
| -263 | 7 1/4 | 7 1/2 | 1/ 8 | 7 .234± 0 .045 | 0 . 139± 0 .004 | 183 .74± 1 . 14 | 3 .53± 0 . 10 |
| -264 | 7 1/2 | 7 3/4 | 1/ 8 | 7 .484± 0 .045 | 0 . 139± 0 .004 | 190 .09± 1 . 14 | 3 .53± 0 . 10 |
| -265 | 7 3/4 | 8 | 1/ 8 | 7 .734± 0 .045 | 0 . 139± 0 .004 | 196 .44± 1 . 14 | 3 .53± 0 . 10 |
| -266 | 8 | 8 1/4 | 1/ 8 | 7 .984± 0 .045 | 0 . 139± 0 .004 | 202 .79± 1 . 14 | 3 .53± 0 . 10 |
| -267 | 8 1/4 | 8 1/2 | 1/ 8 | 8 .234± 0 .050 | 0 . 139± 0 .004 | 209 . 14± 1 .27 | 3 .53± 0 . 10 |
| -268 | 8 1/2 | 8 3/4 | 1/ 8 | 8 .484± 0 .050 | 0 . 139± 0 .004 | 215 .49± 1 .27 | 3 .53± 0 . 10 |
| -269 | 8 3/4 | 9 | 1/ 8 | 8 .734± 0 .050 | 0 . 139± 0 .004 | 221 . 84± 1 .27 | 3 .53± 0 . 10 |
| -270 | 9 | 9 1/4 | 1/ 8 | 8 .984± 0 .050 | 0 . 139± 0 .004 | 228 . 19± 1 .27 | 3 .53± 0 . 10 |
| -271 | 9 1/4 | 9 1/2 | 1/ 8 | 9 .234± 0 .055 | 0 . 139± 0 .004 | 234 .54± 1 .40 | 3 .53± 0 . 10 |
| -272 | 9 1/2 | 9 3/4 | 1/ 8 | 9 .484± 0 .055 | 0 . 139± 0 .004 | 240 . 89± 1 .40 | 3 .53± 0 . 10 |
| -273 | 9 3/4 | 10 | 1/ 8 | 9 .734± 0 .055 | 0 . 139± 0 .004 | 247 .24± 1 .40 | 3 .53± 0 . 10 |
| -274 | 10 | 10 1/4 | 1/ 8 | 9 .984± 0 .055 | 0 . 139± 0 .004 | 253 .59± 1 .40 | 3 .53± 0 . 10 |
| -275 | 10 1/2 | 10 3/4 | 1/ 8 | 10 .484± 0 .055 | 0 . 139± 0 .004 | 266 .29± 1 .40 | 3 .53± 0 . 10 |
| -276 | 11 | 11 1/4 | 1/ 8 | 10 .984± 0 .065 | 0 . 139± 0 .004 | 278 .99± 1 .65 | 3 .53± 0 . 10 |
| -277 | 11 1/2 | 11 3/4 | 1/ 8 | 11 .484± 0 .065 | 0 . 139± 0 .004 | 291 .69± 1 .65 | 3 .53± 0 . 10 |
| -278 | 12 | 12 1/4 | 1/ 8 | 11 .984± 0 .065 | 0 . 139± 0 .004 | 304 .39± 1 .65 | 3 .53± 0 . 10 |
| -279 | 13 | 13 1/4 | 1/ 8 | 12 .984± 0 .065 | 0 . 139± 0 .004 | 239 .79± 1 .65 | 3 .53± 0 . 10 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -280 | 14 | 14 1/4 | 1/ 8 | 13 .984± 0 .065 | 0 . 139± 0 .004 | 355 . 19± 1 .65 | 3 .53± 0 . 10 |
| -281 | 15 | 15 1/4 | 1/ 8 | 14 .984± 0 .065 | 0 . 139± 0 .004 | 380 .59± 1 .65 | 3 .53± 0 . 10 |
| -282 | 16 | 16 1/4 | 1/ 8 | 15 .955± 0 .075 | 0 . 139± 0 .004 | 405 .26± 1 .91 | 3 .53± 0 . 10 |
| -283 | 17 | 17 1/4 | 1/ 8 | 16 .955± 0 .080 | 0 . 139± 0 .004 | 430 .66± 2 .03 | 3 .53± 0 . 10 |
| -284 | 18 | 18 1/4 | 1/ 8 | 17 .955± 0 .085 | 0 . 139± 0 .004 | 456 .06± 2 . 16 | 3 .53± 0 . 10 |
| -309 | 7/ 16 | 13/ 16 | 3/ 16 | 0 .412± 0 .005 | 0 .210± 0 .005 | 10 .46± 0 . 13 | 5 .33± 0 . 13 |
| -310 | 1/2 | 7/ 8 | 3/ 16 | 0 .475± 0 .005 | 0 .210± 0 .005 | 12 .07± 0 . 13 | 5 .33± 0 . 13 |
| -311 | 9/ 16 | 15/ 16 | 3/ 16 | 0 .5370 .007 | 0 .2100 .005 | 13 .64± 0 . 18 | 5 .33± 0 . 13 |
| -312 | 5/ 8 | 1 | 3/ 16 | 0 .600± 0 .009 | 0 .210± 0 .005 | 15 .24± 0 .23 | 5 .33± 0 . 13 |
| -313 | 11/ 16 | 11/ 16 | 3/ 16 | 0 .662± 0 .009 | 0 .210± 0 .005 | 16 . 81± 0 .23 | 5 .33± 0 . 13 |
| -314 | 3/4 | 1 1/ 8 | 3/ 16 | 0 .725± 0 .010 | 0 .210± 0 .005 | 18 .42± 0 .25 | 5 .33± 0 . 13 |
| -315 | 13/ 16 | 1 3/ 16 | 3/ 16 | 0 .787± 0 .010 | 0 .210± 0 .005 | 19 .99± 0 .25 | 5 .33± 0 . 13 |
| -316 | 7/ 8 | 1 1/4 | 3/ 16 | 0 . 850± 0 .010 | 0 .210± 0 .005 | 21 .59± 0 .25 | 5 .33± 0 . 13 |
| -317 | 15/ 16 | 1 5/ 16 | 3/ 16 | 0 .912± 0 .010 | 0 .210± 0 .005 | 23 . 16± 0 .25 | 5 .33± 0 . 13 |
| -318 | 1 | 1 3/ 8 | 3/ 16 | 0 .975± 0 .010 | 0 .210± 0 .005 | 24 .77± 0 .25 | 5 .33± 0 . 13 |
| -319 | 1 1/ 16 | 1 7/ 16 | 3/ 16 | 1 .037± 0 .010 | 0 .210± 0 .005 | 26 .34± 0 .25 | 5 .33± 0 . 13 |
| -320 | 1 1/ 8 | 1 1/2 | 3/ 16 | 1 . 100± 0 .012 | 0 .210± 0 .005 | 27 .94± 0 .30 | 5 .33± 0 . 13 |
| -321 | 1 3/ 16 | 1 9/ 16 | 3/ 16 | 1 . 162± 0 .012 | 0 .210± 0 .005 | 29 .51± 0 .30 | 5 .33± 0 . 13 |
| -322 | 1 1/4 | 1 5/ 8 | 3/ 16 | 1 .225± 0 .012 | 0 .210± 0 .005 | 31 . 12± 0 .30 | 5 .33± 0 . 13 |
| -323 | 1 5/ 16 | 1 11/ 16 | 3/ 16 | 1 .287± 0 .012 | 0 .210± 0 .005 | 32 .69± 0 .30 | 5 .33± 0 . 13 |
| -324 | 1 3/ 8 | 1 3/4 | 3/ 16 | 1 .350± 0 .012 | 0 .210± 0 .005 | 34 .29± 0 .30 | 5 .33± 0 . 13 |
| -325 | 1 1/2 | 1 7/ 8 | 3/ 16 | 1 .475± 0 .015 | 0 .210± 0 .005 | 37 .47± 0 .38 | 5 .33± 0 . 13 |
| -326 | 1 5/ 8 | 2 | 3/ 16 | 1 .600± 0 .015 | 0 .210± 0 .005 | 40 .64± 0 .38 | 5 .33± 0 . 13 |
| -327 | 1 3/4 | 2 1/ 8 | 3/ 16 | 1 .725± 0 .015 | 0 .210± 0 .005 | 43 . 82± 0 .38 | 5 .33± 0 . 13 |
| -328 | 1 7/ 8 | 2 1/4 | 3/ 16 | 1 . 850± 0 .015 | 0 .210± 0 .005 | 46 .99± 0 .38 | 5 .33± 0 . 13 |
| -329 | 2 | 2 3/ 8 | 3/ 16 | 1 .975± 0 .018 | 0 .210± 0 .005 | 50 . 17± 0 .46 | 5 .33± 0 . 13 |
| -330 | 2 1/ 8 | 2 1/2 | 3/ 16 | 2 . 100± 0 .018 | 0 .210± 0 .005 | 53 .34± 0 .46 | 5 .33± 0 . 13 |
| -331 | 2 1/4 | 2 5/ 8 | 3/ 16 | 2 .225± 0 .018 | 0 .210± 0 .005 | 56 .52± 0 .46 | 5 .33± 0 . 13 |
| -332 | 2 3/ 8 | 2 3/4 | 3/ 16 | 2 .350± 0 .018 | 0 .210± 0 .005 | 59 .69± 0 .46 | 5 .33± 0 . 13 |
| -333 | 2 1/2 | 2 7/ 8 | 3/ 16 | 2 .4750 .020 | 0 .210± 0 .005 | 62 . 87± 0 .51 | 5 .33± 0 . 13 |
| -334 | 2 5/ 8 | 3 | 3/ 16 | 2 .600± 0 .020 | 0 .210± 0 .005 | 66 .04± 0 .51 | 5 .33± 0 . 13 |
| -335 | 2 3/4 | 3 1/ 8 | 3/ 16 | 2 .725± 0 .020 | 0 .210± 0 .005 | 69 .22± 0 .51 | 5 .33± 0 . 13 |
| -336 | 2 7/ 8 | 3 1/4 | 3/ 16 | 2 . 850± 0 .020 | 0 .210± 0 .005 | 72 .39± 0 .51 | 5 .33± 0 . 13 |
| -337 | 3 | 3 3/ 8 | 3/ 16 | 2 .975± 0 .024 | 0 .210± 0 .005 | 75 .57± 0 .61 | 5 .33± 0 . 13 |
| -338 | 3 1/ 8 | 3 1/2 | 3/ 16 | 3 . 100± 0 .024 | 0 .210± 0 .005 | 78 .74± 0 .61 | 5 .33± 0 . 13 |
| -339 | 3 1/4 | 3 5/ 8 | 3/ 16 | 3 .225± 0 .024 | 0 .210± 0 .005 | 81 .92± 0 .61 | 5 .33± 0 . 13 |
| -340 | 3 3/ 8 | 3 3/4 | 3/ 16 | 3 .350± 0 .024 | 0 .210± 0 .005 | 85 .09± 0 .61 | 5 .33± 0 . 13 |
| -341 | 3 1/2 | 3 7/ 8 | 3/ 16 | 3 .475± 0 .024 | 0 .210± 0 .005 | 88 .27± 0 .61 | 5 .33± 0 . 13 |
| -342 | 3 5/ 8 | 4 | 3/ 16 | 3 .600± 0 .028 | 0 .210± 0 .005 | 91 .44± 0 .71 | 5 .33± 0 . 13 |
| -343 | 3 3/4 | 4 1/ 8 | 3/ 16 | 3 .725± 0 .028 | 0 .210± 0 .005 | 94 .62± 0 .71 | 5 .33± 0 . 13 |
| -344 | 3 7/ 8 | 4 1/4 | 3/ 16 | 3 . 850± 0 .028 | 0 .210± 0 .005 | 97 .79± 0 .71 | 5 .33± 0 . 13 |
| -345 | 4 | 4 3/ 8 | 3/ 16 | 3 .975± 0 .028 | 0 .210± 0 .005 | 100 .97± 0 .71 | 5 .33± 0 . 13 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -346 | 4 1/ 8 | 4 1/2 | 3/ 16 | 4 . 100± 0 .028 | 0 .210± 0 .005 | 104 . 14± 0 .71 | 5 .33± 0 . 13 |
| -347 | 4 1/4 | 4 5/ 8 | 3/ 16 | 4 .225± 0 .030 | 0 .210± 0 .005 | 107 .23± 0 .76 | 5 .33± 0 . 13 |
| -348 | 4 3/ 8 | 4 3/4 | 3/ 16 | 4 .350± 0 .030 | 0 .210± 0 .005 | 110 .49± 0 .76 | 5 .33± 0 . 13 |
| -349 | 4 1/2 | 4 7/ 8 | 3/ 16 | 4 .475± 0 .030 | 0 .210± 0 .005 | 113 .67± 0 .76 | 5 .33± 0 . 13 |
| -350 | 4 5/ 8 | 5 | 3/ 16 | 4 .600± 0 .030 | 0 .210± 0 .005 | 116 . 84± 0 .76 | 5 .33± 0 . 13 |
| -351 | 4 3/4 | 5 1/ 8 | 3/ 16 | 4 .725± 0 .030 | 0 .210± 0 .005 | 120 .02± 0 .76 | 5 .33± 0 . 13 |
| -352 | 4 7/ 8 | 5 1/4 | 3/ 16 | 4 . 860± 0 .030 | 0 .210± 0 .005 | 123 . 19± 0 .76 | 5 .33± 0 . 13 |
| -353 | 5 | 5 3/ 8 | 3/ 16 | 4 .975± 0 .037 | 0 .210± 0 .005 | 126 .37± 0 .94 | 5 .33± 0 . 13 |
| -354 | 5 1/ 8 | 5 1/2 | 3/ 16 | 5 . 100± 0 .037 | 0 .210± 0 .005 | 129 .54± 0 .94 | 5 .33± 0 . 13 |
| -355 | 5 1/4 | 5 5/ 8 | 3/ 16 | 5 .225± 0 .037 | 0 .210± 0 .005 | 132 .72± 0 .94 | 5 .33± 0 . 13 |
| -356 | 5 3/ 8 | 5 3/4 | 3/ 16 | 5 .350± 0 .037 | 0 .210± 0 .005 | 135 . 89± 0 .94 | 5 .33± 0 . 13 |
| -357 | 5 1/2 | 5 7/ 8 | 3/ 16 | 5 .475± 0 .037 | 0 .210± 0 .005 | 139 .07± 0 .94 | 5 .33± 0 . 13 |
| -358 | 5 5/ 8 | 6 | 3/ 16 | 5 .600± 0 .037 | 0 .210± 0 .005 | 142 .24± 0 .94 | 5 .33± 0 . 13 |
| -359 | 5 3/4 | 6 1/ 8 | 3/ 16 | 5 .725± 0 .037 | 0 .210± 0 .005 | 145 .42± 0 .94 | 5 .33± 0 . 13 |
| -360 | 5 7/ 8 | 6 1/4 | 3/ 16 | 5 . 850± 0 .037 | 0 .210± 0 .005 | 148 .59± 0 .94 | 5 .33± 0 . 13 |
| -361 | 6 | 6 3/ 8 | 3/ 16 | 5 .975± 0 .037 | 0 .210± 0 .005 | 151 .77± 0 .94 | 5 .33± 0 . 13 |
| -362 | 6 1/4 | 6 5/ 8 | 3/ 16 | 6 .225± 0 .040 | 0 .210± 0 .005 | 158 . 12± 1 .02 | 5 .33± 0 . 13 |
| -363 | 6 1/2 | 6 7/ 8 | 3/ 16 | 6 .475± 0 .040 | 0 .210± 0 .005 | 164 .47± 1 .02 | 5 .33± 0 . 13 |
| -364 | 6 3/4 | 7 1/ 8 | 3/ 16 | 6 .725± 0 .040 | 0 .210± 0 .005 | 170 . 82± 1 .02 | 5 .33± 0 . 13 |
| -365 | 7 | 7 3/ 8 | 3/ 16 | 6 .975± 0 .040 | 0 .210± 0 .005 | 1 .7717± 1 .02 | 5 .33± 0 . 13 |
| -366 | 7 1/4 | 7 5/ 8 | 3/ 16 | 7 .225± 0 .045 | 0 .210± 0 .005 | 183 .52± 1 . 14 | 5 .33± 0 . 13 |
| -367 | 7 1/2 | 7 7/ 8 | 3/ 16 | 7 .475± 0 .045 | 0 .210± 0 .005 | 189 . 87± 1 . 14 | 5 .33± 0 . 13 |
| -368 | 7 3/4 | 8 1/ 8 | 3/ 16 | 7 .725± 0 .045 | 0 .210± 0 .005 | 196 .22± 1 . 14 | 5 .33± 0 . 13 |
| -369 | 8 | 8 3/ 8 | 3/ 16 | 7 .975± 0 .045 | 0 .210± 0 .005 | 202 .57± 1 . 14 | 5 .33± 0 . 13 |
| -370 | 8 1/4 | 8 5/ 8 | 3/ 16 | 8 .225± 0 .050 | 0 .210± 0 .005 | 208 .92± 1 .27 | 5 .33± 0 . 13 |
| -371 | 8 1/2 | 8 7/ 8 | 3/ 16 | 8 .475± 0 .050 | 0 .210± 0 .005 | 215 .27± 1 .27 | 5 .33± 0 . 13 |
| -372 | 8 3/4 | 9 1/ 8 | 3/ 16 | 8 .725± 0 .050 | 0 .210± 0 .005 | 221 .62± 1 .27 | 5 .33± 0 . 13 |
| -373 | 9 | 9 3/ 8 | 3/ 16 | 8 .975± 0 .050 | 0 .210± 0 .005 | 227 .97± 1 .27 | 5 .33± 0 . 13 |
| -374 | 9 1/4 | 9 5/ 8 | 3/ 16 | 9 .225± 0 .055 | 0 .210± 0 .005 | 234 .32± 1 .40 | 5 .33± 0 . 13 |
| -375 | 9 1/2 | 9 7/ 8 | 3/ 16 | 9 .475± 0 .065 | 0 .210± 0 .005 | 240 .67± 1 .65 | 5 .33± 0 . 13 |
| -376 | 9 3/4 | 10 1/ 8 | 3/ 16 | 9 .725± 0 .055 | 0 .210± 0 .005 | 247 .02± 1 .40 | 5 .33± 0 . 13 |
| -377 | 10 | 10 3/ 8 | 3/ 16 | 9 .975± 0 .055 | 0 .210± 0 .005 | 253 .37± 1 .40 | 5 .33± 0 . 13 |
| -378 | 10 1/2 | 10 7/ 8 | 3/ 16 | 10 .475± 0 .060 | 0 .210± 0 .005 | 266 .07± 1 .52 | 5 .33± 0 . 13 |
| -379 | 11 | 11 3/ 8 | 3/ 16 | 10 .975± 0 .060 | 0 .210± 0 .005 | 278 .77± 1 .52 | 5 .33± 0 . 13 |
| -380 | 11 1/2 | 11 7/ 8 | 3/ 16 | 11 .475± 0 .065 | 0 .210± 0 .005 | 291 .47± 1 .65 | 5 .33± 0 . 13 |
| -381 | 12 | 12 3/ 8 | 3/ 16 | 11 .975± 0 .065 | 0 .210± 0 .005 | 304 . 17± 1 .65 | 5 .33± 0 . 13 |
| -382 | 13 | 13 3/ 8 | 3/ 16 | 12 .975± 0 .065 | 0 .210± 0 .005 | 329 .57± 1 .65 | 5 .33± 0 . 13 |
| -383 | 14 | 14 3/ 8 | 3/ 16 | 13 .975± 0 .070 | 0 .210± 0 .005 | 354 .97± 1 .78 | 5 .33± 0 . 13 |
| -384 | 15 | 15 3/ 8 | 1/ 16 | 14 .975**±** 0 .070 | 0 .210± 0 .005 | 380 .37± 1 .78 | 5 .33± 0 . 13 |
| -385 | 16 | 16 3/ 8 | 1/ 16 | 15 .955± 0 .075 | 0 .210± 0 .005 | 405 .26± 1 .91 | 5 .33± 0 . 13 |
| -386 | 17 | 17 3/ 8 | 3/ 16 | 16 .955± 0 .080 | 0 .210± 0 .005 | 430 .66± 2 .03 | 5 .33± 0 . 13 |
| -387 | 18 | 18 3/ 8 | 3/ 16 | 17 .955± 0 .085 | 0 .210± 0 .005 | 456 .06± 2 . 16 | 5 .33± 0 . 13 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -388 | 19 | 19 3/ 8 | 3/ 16 | 18 .955± 0 .090 | 0 .210± 0 .005 | 481 .46± 2 .29 | 5 .33± 0 . 13 |
| -389 | 20 | 20 3/ 8 | 3/ 16 | 19 .995± 0 .095 | 0 .210± 0 .005 | 506 . 86± 2 .41 | 5 .33± 0 . 13 |
| -390 | 21 | 21 3/ 8 | 3/ 16 | 20 .955± 0 .095 | 0 .210± 0 .005 | 532 .26± 2 .41 | 5 .33± 0 . 13 |
| -391 | 22 | 22 3/ 8 | 3/ 16 | 21 .955± 0 . 100 | 0 .210± 0 .005 | 557 .66± 2 .54 | 5 .33± 0 . 13 |
| -392 | 23 | 23 3/ 8 | 3/ 16 | 22 .940± 0 . 105 | 0 .210± 0 .006 | 582 .68± 2 .67 | 5 .33± 0 . 13 |
| -393 | 24 | 24 3/ 8 | 3/ 16 | 23 .940± 0 . 110 | 0 .210± 0 .005 | 608 .08± 2 .79 | 5 .33± 0 . 13 |
| -394 | 25 | 25 3/ 8 | 3/ 16 | 24 .940± 0 . 115 | 0 .210± 0 .005 | 633 .48± 2 .92 | 5 .33± 0 . 13 |
| -395 | 26 | 26 3/ 8 | 3/ 16 | 25 .940± 0 . 120 | 0 .210± 0 .005 | 658 . 88± 3 .05 | 5 .33± 0 . 13 |
| 400 | 1 3/ 8 | 1 7/ 8 | 1/4 | 1 .350± 0 .012 | 0 .275± 0 .006 | 34 .29± 0 .30 | 6 .99± 0 . 15 |
| 401 | 1 1/2 | 2 | 1/4 | 1 .475± 0 .015 | 0 .275± 0 .006 | 37 .74± 0 .38 | 6 .99± 0 . 15 |
| 402 | 1 5/ 8 | 2 1/ 8 | 1/4 | 1 .600± 0 .015 | 0 .275± 0 .006 | 40 .64± 0 .38 | 6 .99± 0 . 15 |
| 403 | 1 3/4 | 2 1/4 | 1/4 | 1 .725± 0 .015 | 0 .275± 0 .006 | 43 . 82± 0 .38 | 6 .99± 0 . 15 |
| 404 | 1 7/ 8 | 2 3/ 8 | 1/4 | 1 . 850± 0 .015 | 0 .275± 0 .006 | 46 .99± 0 .38 | 6 .99± 0 . 15 |
| 405 | 2 | 2 1/2 | 1/4 | 1 .975± 0 .018 | 0 .275± 0 .006 | 50 . 17± 0 .46 | 6 .99± 0 . 15 |
| 406 | 2 1/ 8 | 2 5/ 8 | 1/4 | 2 . 100± 0 .018 | 0 .275± 0 .006 | 53 .34± 0 .46 | 6 .99± 0 . 15 |
| 407 | 2 1/4 | 2 3/4 | 1/4 | 2 .225± 0 .018 | 0 .275± 0 .006 | 56 .52± 0 .46 | 6 .99± 0 . 15 |
| 408 | 2 3/ 8 | 2 7/ 8 | 1/4 | 0 .275± 0 .006 | 0 .275± 0 .006 | 59 .69± 0 .46 | 6 .99± 0 . 15 |
| 409 | 2 1/2 | 3 | 1/4 | 2 .475± 0 .020 | 0 .275± 0 .006 | 62 . 87± 0 .51 | 6 .99± 0 . 15 |
| 410 | 2 5/ 8 | 3 1/ 8 | 1/4 | 2 .600± 0 .020 | 0 .275± 0 .006 | 66 .04± 0 .51 | 6 .99± 0 . 15 |
| 411 | 2 3/4 | 3 1/4 | 1/4 | 2 .725± 0 .020 | 0 .275± 0 .006 | 69 .22± 0 .51 | 6 .99± 0 . 15 |
| 412 | 2 7/ 8 | 3 3/ 8 | 1/4 | 2 . 850± 0 .020 | 0 .275± 0 .006 | 72 .39± 0 .51 | 6 .99± 0 . 15 |
| 413 | 3 | 3 1/2 | 1/4 | 2 .975± 0 .024 | 0 .275± 0 .006 | 75 .75± 0 .61 | 6 .99± 0 . 15 |
| 414 | 3 1/ 8 | 3 5/ 8 | 1/4 | 3 . 100± 0 .024 | 0 .275± 0 .006 | 78 .74± 0 .61 | 6 .99± 0 . 15 |
| 415 | 3 1/4 | 3 3/4 | 1/4 | 3 .225± 0 .024 | 0 .275± 0 .006 | 81 .92± 0 .61 | 6 .99± 0 . 15 |
| 416 | 3 3/4 | 3 7/ 8 | 1/4 | 3 .350± 0 .024 | 0 .275± 0 .006 | 85 .09± 0 .61 | 6 .99± 0 . 15 |
| 417 | 3 1/2 | 4 | 1/4 | 3 .475± 0 .024 | 0 .275± 0 .006 | 88 .27± 0 .61 | 6 .99± 0 . 15 |
| 418 | 3 5/ 8 | 4 1/ 8 | 1/4 | 3 .600± 0 .028 | 0 .275± 0 .006 | 91 .44± 0 .71 | 6 .99± 0 . 15 |
| 419 | 3 3/4 | 4 1/4 | 1/4 | 3 .725± 0 .028 | 0 .275± 0 .006 | 94 .62± 0 .71 | 6 .99± 0 . 15 |
| 420 | 3 7/ 8 | 4 3/ 8 | 1/4 | 3 . 850± 0 .028 | 0 .275± 0 .006 | 97 .79± 0 .71 | 6 .99± 0 . 15 |
| 421 | 4 | 4 1/2 | 1/4 | 3 .975± 0 .028 | 0 .275± 0 .006 | 100 .97± 0 .71 | 6 .99± 0 . 15 |
| 422 | 4 1/ 8 | 4 5/ 8 | 1/4 | 4 . 100± 0 .028 | 0 .275± 0 .006 | 104 . 14± 0 .71 | 6 .99± 0 . 15 |
| 423 | 4 1/4 | 4 3/4 | 1/4 | 4 .225± 0 .030 | 0 .275± 0 .006 | 107 .32± 0 .76 | 6 .99± 0 . 15 |
| 424 | 4 3/ 8 | 4 7/ 8 | 1/4 | 4 .350± 0 .030 | 0 .275± 0 .006 | 110 .49± 0 .76 | 6 .99± 0 . 15 |
| -425 | 4 1/2 | 5 | 1/4 | 4 .475± 0 .033 | 0 .275± 0 .006 | 113 .67± 0 . 84 | 6 .99± 0 . 15 |
| -426 | 4 5/ 8 | 5 1/ 8 | 1/4 | 4 .600± 0 .033 | 0 .275± 0 .006 | 116 . 84± 0 . 84 | 6 .99± 0 . 15 |
| -427 | 4 3/4 | 5 1/4 | 1/4 | 4 .725± 0 .033 | 0 .275± 0 .006 | 120 .02± 0 . 84 | 6 .99± 0 . 15 |
| -428 | 4 7/ 8 | 5 3/ 8 | 1/4 | 4 . 850± 0 .033 | 0 .275± 0 .006 | 123 . 19± 0 . 84 | 6 .99± 0 . 15 |
| -429 | 5 | 5 1/2 | 1/4 | 4 .975± 0 .037 | 0 .275± 0 .006 | 126 .37± 0 .94 | 6 .99± 0 . 15 |
| -430 | 5 1/ 8 | 5 5/ 8 | 1/4 | 5 . 100± 0 .037 | 0 .275± 0 .006 | 129 .54± 0 .94 | 6 .99± 0 . 15 |
| -431 | 5 1/4 | 5 3/4 | 1/4 | 5 .225± 0 .037 | 0 .275± 0 .006 | 132 .72± 0 .94 | 6 .99± 0 . 15 |
| -432 | 5 3/ 8 | 5 7/ 8 | 1/4 | 5 .350± 0 .037 | 0 .275± 0 .006 | 135 . 89± 0 .94 | 6 .99± 0 . 15 |
| -433 | 5 1/2 | 6 | 1/4 | 5 .475± 0 .037 | 0 .275± 0 .006 | 139 .07± 0 .94 | 6 .99± 0 . 15 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AS568 NO | Matching size | | Actual size (in English) | | | Actual size (metric) | |
| d | D | width | d+/-tolerance | Line diameter  +/-tolerance | d+/-tolerance | Line diameter  +/-tolerance |
| -434 | 5 5/ 8 | 6 1/ 8 | 1/4 | 5 .600± 0 .037 | 0 .275± 0 .006 | 142 .24± 0 .94 | 6 .99± 0 . 15 |
| -435 | 5 3/4 | 6 1/4 | 1/4 | 5 .725± 0 .037 | 0 .275± 0 .006 | 145 .42± 0 .94 | 6 .99± 0 . 15 |
| -436 | 5 7/ 8 | 6 3/ 8 | 1/4 | 5 . 850± 0 .037 | 0 .275± 0 .006 | 148 .59± 0 .94 | 6 .99± 0 . 15 |
| -437 | 6 | 6 1/2 | 1/4 | 5 .975± 0 .037 | 0 .275± 0 .006 | 151 .77± 0 .94 | 6 .99± 0 . 15 |
| -438 | 6 1/4 | 6 3/4 | 1/4 | 6 .225± 0 .040 | 0 .275± 0 .006 | 158 . 12**±** **1.02** | 6 .99± 0 . 15 |
| -439 | 6 1/2 | 7 | 1/4 | 6 .475± 0 .040 | 0 .275± 0 .006 | 164 .47± 1 .02 | 6 .99± 0 . 15 |
| -440 | 6 3/4 | 7 1/4 | 1/4 | 6 .725± 0 .040 | 0 .275± 0 .006 | 170 . 82± 1 .02 | 6 .99± 0 . 15 |
| -441 | 7 | 7 1/2 | 1/4 | 6 .975± 0 .040 | 0 .275± 0 .006 | 177 . 17± 1 .02 | 6 .99± 0 . 15 |
| -442 | 7 1/4 | 7 3/4 | 1/4 | 7 .225± 0 .045 | 0 .275± 0 .006 | 183 .52± 1 . 14 | 6 .99± 0 . 15 |
| -443 | 7 1/2 | 8 | 1/4 | 7 .475± 0 .045 | 0 .275± 0 .006 | 189 . 87± 1 . 14 | 6 .99± 0 . 15 |
| -444 | 7 3/4 | 8 1/4 | 1/4 | 7 .725± 0 .045 | 0 .275± 0 .006 | 196 .22± 1 . 14 | 6 .99± 0 . 15 |
| -445 | 8 | 8 1/2 | 1/4 | 7 .975± 0 .045 | 0 .275± 0 .006 | 202 .57± 1 . 14 | 6 .99± 0 . 15 |
| -446 | 8 1/2 | 9 | 1/4 | 8 .475± 0 .055 | 0 .275± 0 .006 | 215 .27± 1 .40 | 6 .99± 0 . 15 |
| -447 | 9 | 9 1/2 | 1/4 | 8 .975± 0 .055 | 0 .275± 0 .006 | 227 .97± 1 .40 | 6 .99± 0 . 15 |
| -448 | 9 1/2 | 10 | 1/4 | 9 .475± 0 .055 | 0 .275± 0 .006 | 240 .67± 1 .40 | 6 .99± 0 . 15 |
| -449 | 10 | 10 1/2 | 1/4 | 9 .975± 0 .055 | 0 .275± 0 .006 | 253 .37± 1 .40 | 6 .99± 0 . 15 |
| -450 | 10 1/2 | 11 | 1/4 | 10 .475± 0 .060 | 0 .275± 0 .006 | 266 .07± 1 .52 | 6 .99± 0 . 15 |
| -451 | 11 | 11 1/2 | 1/4 | 10 .975± 0 .060 | 0 .275± 0 .006 | 278 .77± 1 .52 | 6 .99± 0 . 15 |
| -452 | 11 1/2 | 12 | 1/4 | 11 .475± 0 .060 | 0 .275± 0 .006 | 291 .47± 1 .52 | 6 .99± 0 . 15 |
| -453 | 12 | 12 1/2 | 1/4 | 11 .975± 0 .060 | 0 .275± 0 .006 | 304 . 17± 1 .52 | 6 .99± 0 . 15 |
| -454 | 12 1/2 | 13 | 1/4 | 12 .475± 0 .060 | 0 .275± 0 .006 | 316 . 87± 1 .52 | 6 .99± 0 . 15 |
| -455 | 13 | 13 1/2 | 1/4 | 12 .975± 0 .060 | 0 .275± 0 .006 | 329 .57± 1 .52 | 6 .99± 0 . 15 |
| -456 | 13 1/2 | 14 | 1/4 | 13 .475± 0 .070 | 0 .275± 0 .006 | 342 .27± 1 .78 | 6 .99± 0 . 15 |
| -457 | 14 | 14 1/2 | 1/4 | 13 .975± 0 .070 | 0 .275± 0 .006 | 354 .97± 1 .78 | 6 .99± 0 . 15 |
| -458 | 14 1/2 | 15 | 1/4 | 14 .475± 0 .070 | 0 .275± 0 .006 | 367 .67± 1 .78 | 6 .99± 0 . 15 |
| -459 | 15 | 15 1/2 | 1/4 | 14 .975± 0 .070 | 0 .275± 0 .006 | 380 .37± 1 .78 | 6 .99± 0 . 15 |
| -460 | 15 1/2 | 16 | 1/4 | 15 .475± 0 .070 | 0 .275± 0 .006 | 393 .07± 1 .78 | 6 .99± 0 . 15 |
| -461 | 16 | 16 1/2 | 1/4 | 15 .955± 0 .075 | 0 .275± 0 .006 | 405 .26± 1 .91 | 6 .99± 0 . 15 |
| -462 | 16 1/2 | 17 | 1/4 | 16 .455± 0 .075 | 0 .275± 0 .006 | 417 .96± 1 .91 | 6 .99± 0 . 15 |
| -463 | 17 | 17 1/2 | 1/4 | 16 .955± 0 .080 | 0 .275± 0 .006 | 430 .66± 2 .03 | 6 .99± 0 . 15 |
| -464 | 17 1/2 | 18 | 1/4 | 17 .455± 0 .085 | 0 .275± 0 .006 | 443 .36± 2 . 16 | 6 .99± 0 . 15 |
| -465 | 18 | 18 1/2 | 1/4 | 17 .955± 0 .085 | 0 .275± 0 .006 | 456 .06± 2 . 16 | 6 .99± 0 . 15 |
| -466 | 18 1/2 | 19 | 1/4 | 18 .455± 0 .085 | 0 .275± 0 .006 | 468 .76± 2 . 16 | 6 .99± 0 . 15 |
| -467 | 19 | 18 1/2 | 1/4 | 18 .955± 0 .090 | 0 .275± 0 .006 | 481 .46± 2 .29 | 6 .99± 0 . 15 |
| -468 | 19 1/2 | 20 | 1/4 | 19 .455± 0 .090 | 0 .275± 0 .006 | 494 . 16± 2 .29 | 6 .99± 0 . 15 |
| -469 | 20 | 20 1/2 | 1/4 | 19 .955± 0 .090 | 0 .275± 0 .006 | 506 . 86± 2 .29 | 6 .99± 0 . 15 |
| -470 | 21 | 21 1/2 | 1/4 | 20 .955± 0 .090 | 0 .275± 0 .006 | 532 .26± 2 .29 | 6 .99± 0 . 15 |
| -471 | 22 | 22 1/2 | 1/4 | 21 .955± 0 . 100 | 0 .275± 0 .006 | 557 .66± 2 .54 | 6 .99± 0 . 15 |
| -472 | 23 | 23± 1/2 | 1/4 | 22 .940± 0 . 105 | 0 .275± 0 .006 | 582 .68± 2 .67 | 6 .99± 0 . 15 |
| -473 | 24 | 24 1/2 | 1/4 | 23 .940± 0 . 110 | 0 .275± 0 .006 | 608 .08± 2 .79 | 6 .99± 0 . 15 |
| -474 | 25 | 25 1/2 | 1/4 | 24 .940± 0 . 115 | 0 .275± 0 .006 | 633 .48± 2 .92 | 6 .99± 0 . 15 |
| -475 | 26 | 16 1/2 | 1/4 | 25 .940± 0 . 120 | 0 .275± 0 .006 | 658 . 88± 3 .05 | 6 .99± 0 . 15 |

AS568-900系列

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tube** **Bize** | | **O-Ring** **for** **Tube** **Fitting** **Bosses** | | **ID(mm)** | **W(mm)** |
| -901 | 3/32 | 0 . 185± 0 .005 | 0 .056± 0 .003 | 4 .70± 0 . 13 | 1 .42± 0 .08 |
| -902 | 1/ 8 | 0 .239± 0 .005 | 0 .064± 0 .003 | 6 .07± 0 . 13 | 1 .63± 0 .08 |
| -903 | 3/ 16 | 0 .301± 0 .005 | 0 .064± 0 .003 | 7 .65± 0 . 13 | 1 .63± 0 .08 |
| -904 | 1/4 | 0 .351± 0 .005 | 0 .072± 0 .003 | 8 .92± 0 . 13 | 1 . 83± 0 .08 |
| -905 | 5/ 16 | 0 .414± 0 .005 | 0 .072± 0 .003 | 10 .52± 0 . 13 | 1 . 83± 0 .08 |
| -906 | 3/ 8 | 0 .468± 0 .005 | 0 .078± 0 .003 | 11 . 89± 0 . 13 | 1 .98± 0 .08 |
| -907 | 7/ 16 | 0 .530± 0 .005 | 0 .082± 0 .003 | 13 .46± 0 . 13 | 2 .08± 0 .08 |
| -908 | 1/2 | 0 .644± 0 .005 | 0 .087± 0 .003 | 16 .36± 0 . 13 | 2 .21± 0 .08 |
| -909 | 9/ 16 | 0 .706± 0 .005 | 0 .097± 0 .003 | 17 .93± 0 . 13 | 2 .46± 0 .08 |
| -910 | 5/ 8 | 0 .755± 0 .005 | 0 .097± 0 .003 | 19 . 18± 0 . 13 | 2 .46± 0 .08 |
| -911 | 11/ 16 | 0 . 863± 0 .005 | 0 . 116± 0 .004 | 21 .92± 0 . 13 | 2 .95± 0 . 10 |
| -912 | 3/4 | 0 .924± 0 .006 | 0 . 116± 0 .004 | 23 .47± 0 . 15 | 2 .95± 0 . 10 |
| -913 | 13/ 16 | 0 .986± 0 .006 | 0 . 116± 0 .004 | 25 .04± 0 . 15 | 2 .95± 0 . 10 |
| -914 | 7/ 8 | 1 .047± 0 .006 | 0 . 116± 0 .004 | 26 .95± 0 . 15 | 2 .95± 0 . 10 |
| -916 | 1 | 1 . 171± 0 .006 | 0 . 116± 0 .004 | 29 .74± 0 . 15 | 2 .95± 0 . 10 |
| -918 | 1 1/ 8 | 1 .335± 0 .006 | 0 . 116± 0 .004 | 34 .42± 0 . 15 | 2 .95± 0 . 10 |
| -920 | 1 1/4 | 1 .475± 0 . 101 | 0 . 118± 0 .004 | 37 .47± 0 .25 | 3 .00± 0 . 10 |
| -924 | 1 1/2 | 1 .720± 0 .010 | 0 . 118± 0 .004 | 43 .69± 0 .25 | 3 .00± 0 . 10 |
| -928 | 1 3/4 | 2 .090± 0 .010 | 0 . 118± 0 .004 | 53 .09± 0 .25 | 3 .00± 0 . 10 |
| -923 | 2 | 2 .337± 0 .010 | 0 . 118± 0 .004 | 59 .36± 0 .25 | 3 .00± 0 . 10 |