



**METALOK INDUSTRIES**  
(AN ISO 9001: 2015 Certified Company)

# PIPE FITTINGS

## CATALOGUE



***Most Cost Effective, World Class Quality  
Flow Control Components for Wide Range  
of Industries and Applications***

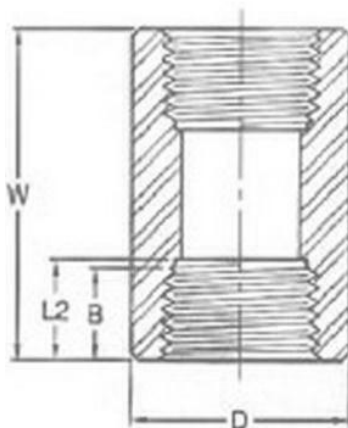


## Pipe Fittings

- Full Couplings
- Round Head Plug
- Half Coupling
- Square Head Plug
- Hex Head Plug
- Hex Head Bushing
- Union
- Bull Plug
- Boss
- Swage Nipples
- Pipe Nipples
- Union Male x Female



# FULL COUPLINGS



| DN  | Nom.<br>Pipe Size | Center End<br>Coupling W | Center End Cap P |      | Outside Diameter<br>D |      | End Wall Thickness<br>G Min. |      | Length of Thread<br>Min.(1) |      |
|-----|-------------------|--------------------------|------------------|------|-----------------------|------|------------------------------|------|-----------------------------|------|
|     |                   | 3000 & 6000              | 3000             | 6000 | 3000                  | 6000 | 3000                         | 6000 | B                           | L2   |
| 6   | 1/8"              | 32                       | 19               |      | 16                    |      | 4.8                          |      | 6.4                         | 6.7  |
| 8   | 1/4"              | 35                       | 25               | 27   | 19                    | 25   | 4.8                          | 6.4  | 8.1                         | 10.2 |
| 10  | 3/8"              | 38                       | 25               | 27   | 22                    | 32   | 4.8                          | 6.4  | 9.1                         | 10.4 |
| 15  | 1/2"              | 48                       | 32               | 33   | 28                    | 38   | 6.4                          | 7.9  | 10.9                        | 13.6 |
| 20  | 3/4"              | 51                       | 37               | 38   | 35                    | 44   | 6.4                          | 7.9  | 12.7                        | 13.9 |
| 25  | 1"                | 60                       | 41               | 43   | 44                    | 57   | 9.7                          | 11.2 | 14.7                        | 17.3 |
| 32  | 1-1/4"            | 67                       | 44               | 46   | 57                    | 64   | 9.7                          | 11.2 | 17.0                        | 18.0 |
| 40  | 1-1/2"            | 79                       | 44               | 48   | 64                    | 76   | 11.2                         | 12.7 | 17.8                        | 18.4 |
| 50  | 2"                | 86                       | 48               | 51   | 76                    | 92   | 12.7                         | 15.7 | 19.0                        | 19.2 |
| 65  | 2-1/2"            | 92                       | 60               | 64   | 92                    | 108  | 15.7                         | 19.0 | 23.6                        | 28.9 |
| 80  | 3"                | 108                      | 65               | 68   | 108                   | 127  | 19.0                         | 22.4 | 25.9                        | 30.5 |
| 100 | 4"                | 121                      | 68               | 75   | 140                   | 159  | 22.4                         | 28.4 | 27.7                        | 33.0 |

(1) Dimensions In Millimeters

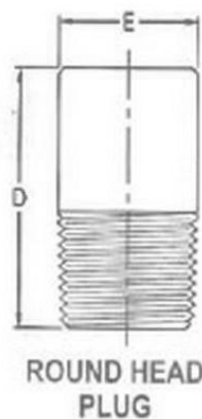
(2) Dimension B is minimum length of perfect thread. The length of useful thread (B plus threads with fully formed roots and flat crests) shall not be less than L2 (effective length of external thread) required by American National Standard for Pipe Threads (ANSI/ASME B1.20.1)

**Dimensions are for reference onl**

## Warning for Your Safety

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# ROUND HEAD PLUG



| DN  | Pipe Size | Length Min<br>A | Round Head Plug      |                 |
|-----|-----------|-----------------|----------------------|-----------------|
|     |           |                 | Nominal Head (Nom) E | Length (Min.) D |
| 6   | 1/8"      | 10              | 10                   | 35              |
| 8   | 1/4"      | 11              | 14                   | 41              |
| 10  | 3/8"      | 13              | 18                   | 41              |
| 15  | 1/2"      | 14              | 21                   | 44              |
| 20  | 3/4"      | 16              | 27                   | 44              |
| 25  | 1"        | 19              | 33                   | 51              |
| 32  | 1-1/4"    | 21              | 43                   | 51              |
| 40  | 1-1/2"    | 21              | 48                   | 51              |
| 50  | 2"        | 22              | 50                   | 64              |
| 65  | 2-1/2"    | 27              | 73                   | 70              |
| 80  | 3"        | 28              | 89                   | 70              |
| 100 | 4"        | 32              | 114                  | 76              |

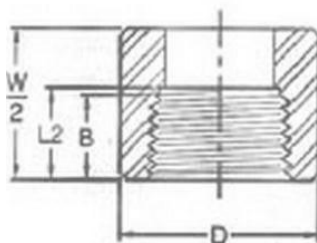
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# HALF COUPLING



| DN  | Nom Pipe Size | Center End Coupling W | Center End Cap P |      | Outside Diameter D |      | End Wall Thickness G Min. |      | Length of Thread Min.(1) |      |
|-----|---------------|-----------------------|------------------|------|--------------------|------|---------------------------|------|--------------------------|------|
|     |               | 3000 & 6000           | 3000             | 6000 | 3000               | 6000 | 3000                      | 6000 | B                        | L2   |
| 6   | 1/8"          | 32                    | 19               |      | 16                 |      | 4.8                       |      | 6.4                      | 6.7  |
| 8   | 1/4"          | 35                    | 25               | 27   | 19                 | 25   | 4.8                       | 6.4  | 8.1                      | 10.2 |
| 10  | 3/8"          | 38                    | 25               | 27   | 22                 | 32   | 4.8                       | 6.4  | 9.1                      | 10.4 |
| 15  | 1/2"          | 48                    | 32               | 33   | 28                 | 38   | 6.4                       | 7.9  | 10.9                     | 13.6 |
| 20  | 3/4"          | 51                    | 37               | 38   | 35                 | 44   | 6.4                       | 7.9  | 12.7                     | 13.9 |
| 25  | 1"            | 60                    | 41               | 43   | 44                 | 57   | 9.7                       | 11.2 | 14.7                     | 17.3 |
| 32  | 1-1/4"        | 67                    | 44               | 46   | 57                 | 64   | 9.7                       | 11.2 | 17.0                     | 18.0 |
| 40  | 1-1/2"        | 79                    | 44               | 48   | 64                 | 76   | 11.2                      | 12.7 | 17.8                     | 18.4 |
| 50  | 2"            | 86                    | 48               | 51   | 76                 | 92   | 12.7                      | 15.7 | 19.0                     | 19.2 |
| 65  | 2-1/2"        | 92                    | 60               | 64   | 92                 | 108  | 15.7                      | 19.0 | 23.6                     | 28.9 |
| 80  | 3"            | 108                   | 65               | 68   | 108                | 127  | 19.0                      | 22.4 | 25.9                     | 30.5 |
| 100 | 4"            | 121                   | 68               | 75   | 140                | 159  | 22.4                      | 28.4 | 27.7                     | 33.0 |

(1) Dimensions In Millimeters

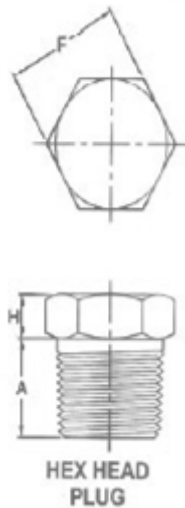
(2) Dimension B is minimum length of perfect thread. The length of useful thread (B plus threads with fully formed roots and flat crests) shall not be less than L2 (effective length of external thread) required by American National Standard for Pipe Threads (ANSI/ASME B1.20.1)

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# SQUARE HEAD PLUG



| DN  | Pipe Size | Length (Min.)<br>A | Square Head Plug          |                     |
|-----|-----------|--------------------|---------------------------|---------------------|
|     |           |                    | Height of Square (Min.) B | Width Flat (Min.) C |
| 6   | 1/8"      | 10                 | 6                         | 7                   |
| 8   | 1/4"      | 11                 | 6                         | 10                  |
| 10  | 3/8"      | 13                 | 8                         | 11                  |
| 15  | 1/2"      | 14                 | 10                        | 14                  |
| 20  | 3/4"      | 16                 | 11                        | 16                  |
| 25  | 1"        | 19                 | 13                        | 21                  |
| 32  | 1-1/4"    | 21                 | 14                        | 24                  |
| 40  | 1-1/2"    | 21                 | 16                        | 28                  |
| 50  | 2"        | 22                 | 18                        | 32                  |
| 65  | 2-1/2"    | 27                 | 19                        | 36                  |
| 80  | 3"        | 28                 | 21                        | 41                  |
| 100 | 4"        | 32                 | 25                        | 65                  |

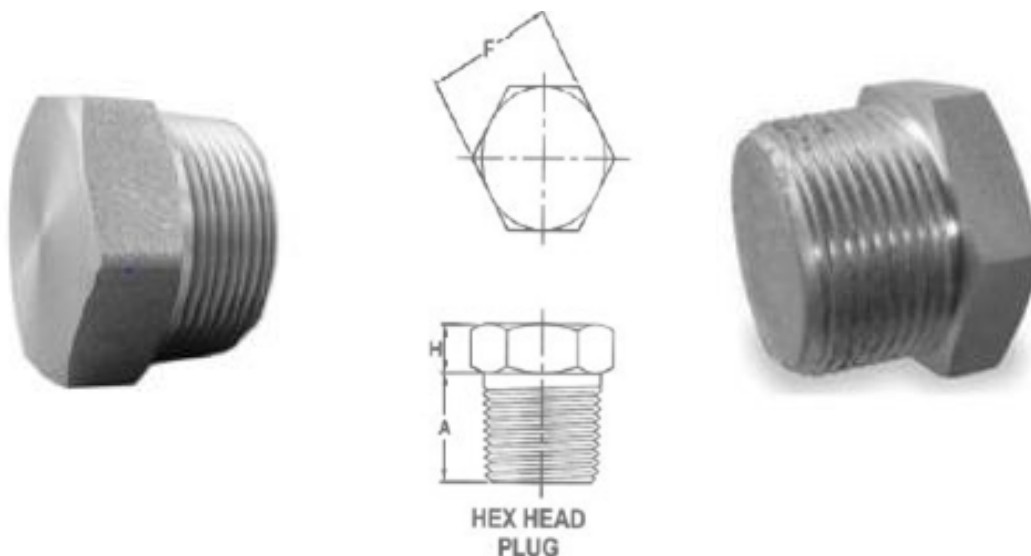
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# HEX HEAD PLUG



|     |           | Length | Hex. Head Plug & Bushing |                    |        |
|-----|-----------|--------|--------------------------|--------------------|--------|
|     |           | Min    |                          | Hex. Height (Min.) |        |
| DN  | Pipe Size | A      | Width Flat (Nom.) F      | Bushing G          | Plug H |
| 6   | 1/8"      | 10     |                          |                    | 6      |
| 8   | 1/4"      | 11     | 16                       | 3                  | 6      |
| 10  | 3/8"      | 13     | 18                       | 4                  | 8      |
| 15  | 1/2"      | 14     | 22                       | 5                  | 8      |
| 20  | 3/4"      | 16     | 27                       | 6                  | 10     |
| 25  | 1"        | 19     | 36                       | 6                  | 10     |
| 32  | 1-1/4"    | 21     | 46                       | 7                  | 14     |
| 40  | 1-1/2"    | 21     | 5C                       | 8                  | 16     |
| 50  | 2"        | 22     | 65                       | 9                  | 18     |
| 65  | 2-1/2"    | 27     | 75                       | 10                 | 19     |
| 80  | 3"        | 28     | 90                       | 10                 | 21     |
| 100 | 4"        | 32     | 115                      | 13                 | 25     |

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# HEX HEAD BUSHING



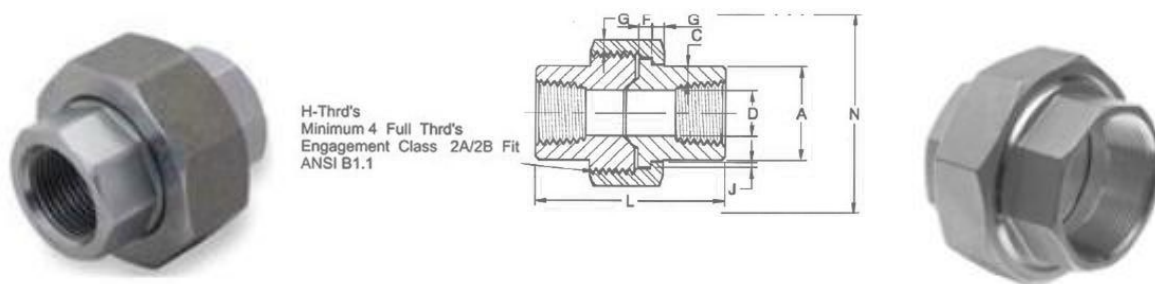
|     |           | Length | Hex. Head Plug & Bushing |                    |        |
|-----|-----------|--------|--------------------------|--------------------|--------|
|     |           | Min    |                          | Hex. Height (Min.) |        |
| DN  | Pipe Size | A      | Width Flat (Nom.) F      | Bushing G          | Plug H |
| 6   | 1/8"      | 10     |                          |                    | 6      |
| 8   | 1/4"      | 11     | 16                       | 3                  | 6      |
| 10  | 3/8"      | 13     | 18                       | 4                  | 8      |
| 15  | 1/2"      | 14     | 22                       | 5                  | 8      |
| 20  | 3/4"      | 16     | 27                       | 6                  | 10     |
| 25  | 1"        | 19     | 36                       | 6                  | 10     |
| 32  | 1-1/4"    | 21     | 46                       | 7                  | 14     |
| 40  | 1-1/2"    | 21     | 5C                       | 8                  | 16     |
| 50  | 2"        | 22     | 65                       | 9                  | 18     |
| 65  | 2-1/2"    | 27     | 75                       | 10                 | 19     |
| 80  | 3"        | 28     | 90                       | 10                 | 21     |
| 100 | 4"        | 32     | 115                      | 13                 | 25     |

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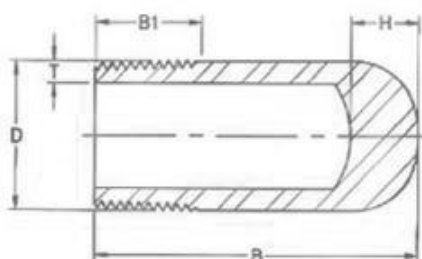
| Nom. Pipe Size | Pipe End | Wall   | Water Way Bore | Male Flange | Nut    | Threads Per 25.4mm | Bearing | Length Assem. Nom. | Clear Assem. Nut |
|----------------|----------|--------|----------------|-------------|--------|--------------------|---------|--------------------|------------------|
|                | Min. A   | Min. C | D              | Min. F      | Min. G | Max. H             | Min. J  | L                  | N                |
| 1/8"           | 14.7     | 2.41   | 8.43 6.43      | 3.18        | 3.18   | 16                 | 1.24    | 41.4               | 50.8             |
| 1/4"           | 19.0     | 3.02   | 11.13 9.45     | 3.18        | 3.18   | 16                 | 1.24    | 41.4               | 50.8             |
| 3/8"           | 22.9     | 3.20   | 14.27 13.51    | 3.43        | 3.43   | 14                 | 1.37    | 46.0               | 55.9             |
| 1/2"           | 27.1     | 3.73   | 17.86 17.07    | 3.68        | 3.68   | 14                 | 1.50    | 49.0               | 58.4             |
| 3/4"           | 33.5     | 3.91   | 23.01 21.39    | 4.06        | 4.06   | 11                 | 1.68    | 56.9               | 66.0             |
| 1"             | 41.4     | 4.55   | 28.98 27.74    | 4.57        | 4.45   | 11                 | 1.85    | 62.0               | 78.7             |
| 1-1/4"         | 50.5     | 4.85   | 37.69 35.36    | 5.33        | 5.21   | 11                 | 2.13    | 71.1               | 94.0             |
| 1-1/2"         | 57.2     | 5.08   | 43.54 41.20    | 5.84        | 5.59   | 10                 | 2.31    | 76.5               | 111.8            |
| T              | 70.1     | 5.54   | 55.58 52.12    | 6.60        | 6.35   | 10                 | 2.69    | 86.1               | 132.1            |
| 2-1/2"         | 85.3     | 7.01   | 66.27 64.31    | 7.49        | 7.11   | 8                  | 3.07    | 102.4              | 149.9            |
| 3"             | 102.4    | 7.62   | 88.25 77.27    | 8.26        | 8.00   | 8                  | 3.53    | 109.0              | 175.3            |

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# BULL PLUG

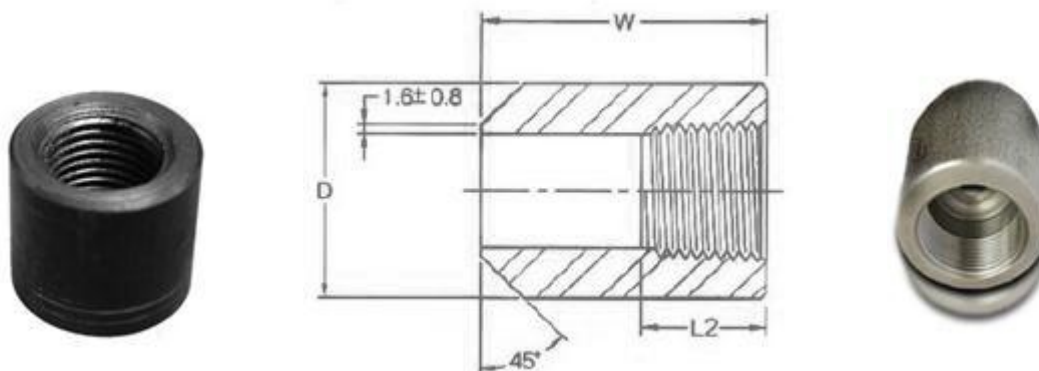


| Nom. Pipe Size | D     | B   | B1   | T (Min)      |             |         |       | H   |
|----------------|-------|-----|------|--------------|-------------|---------|-------|-----|
|                |       |     |      | Sch.40 (STD) | Sch.80 (XS) | Sch.160 | xxs   |     |
| 1/8" 1/4"      | 10.3  | 34  | 9.5  | 1.73         | 2.41        |         |       | 1 4 |
| 3/8" 1/2"      | 13.7  | 34  | 11.0 | 2.24         | 3.02        |         |       | 1 4 |
| 3/4" 1" 1-1/4" | 17.1  | 57  | 12.5 | 2.31         | 3.20        |         |       | 1 4 |
| 1-1/2" T 2-    | 21.3  | 64  | 14.5 | 2.77         | 3.73        | 4.78    | 7.47  | 1 4 |
| 1/2" 3"        | 26.7  | 70  | 16.0 | 2.87         | 3.91        | 5.56    | 7.82  | 1 8 |
| 4"             | 33.4  | 76  | 19.0 | 3.38         | 4.56        | 6.35    | 9.09  | 1 8 |
|                | 42.2  | 83  | 23   | 3.56         | 4.85        | 6.35    | 9.73  | 1 8 |
|                | 48.3  | 89  | 20.5 | 3.68         | 5.05        | 7.14    | 10.15 | 1 8 |
|                | 60.3  | 102 | 22.0 | 3.91         | 5.54        | 8.74    | 11.07 | 2 0 |
|                | 73.0  | 127 | 27.0 | 5.16         | 7.01        | 9.53    | 14.02 | 2 0 |
|                | 88.9  | 152 | 28.5 | 5.49         | 7.60        | 11.13   | 15.24 | 2 0 |
|                | 114.3 | 178 | 32.0 | 6.35         | 8.08        | 13.49   | 17.12 | 20  |

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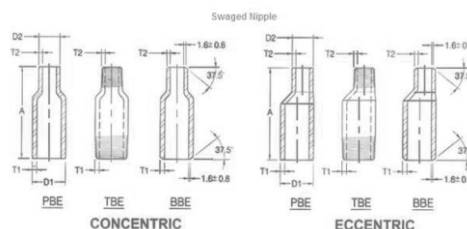
| DN  | Norn. Pipe Size | D      |        | W      |        | L2 (Min) |        |
|-----|-----------------|--------|--------|--------|--------|----------|--------|
|     |                 | 3000lb | 6000lb | 3000lb | 6000lb | 3000lb   | 6000lb |
| 6   | 1/8"            | 16.0   | 22.0   | 38.0   |        | 6.70     |        |
| 8   | 1/4"            | 19.0   | 26.0   | 41.0   |        | 10.21    |        |
| 10  | 3/8"            | 22.0   | 32.0   | 45.0   |        | 10.36    |        |
| 15  | 1/2"            | 29.0   | 38.0   | 51.0   |        | 13.56    |        |
| 20  | 3/4"            | 35.0   | 45.0   | 51.0   |        | 13.86    |        |
| 25  | 1"              | 45.0   | 60.0   | 51.0   |        | 17.34    |        |
| 40  | 1-1/2"          | 64.0   | 76.0   | 51.0   |        | 18.38    |        |
| 50  | 2"              | 76.0   | 95.0   | 51.0   |        | 19.22    |        |
| 65  | 2-1/2"          | 95.0   |        | 51.0   |        | 28.89    |        |
| 80  | 3"              | 110    |        | 57.0   |        | 30.48    |        |
| 100 | 4"              | 140    |        | 64.0   |        | 33.02    |        |

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# SWAGE NIPPLES



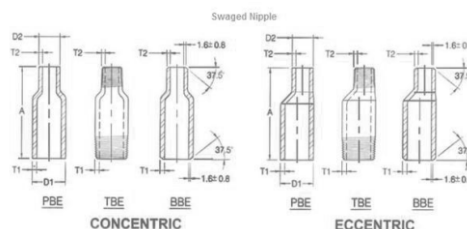
| Nominal Pipe<br>Size NPS | Outside<br>Large End<br>D1 | Diameter<br>Small End<br>D2 | End To<br>End "A" | Wall Thickness |            |        |      |                |               |        |     |
|--------------------------|----------------------------|-----------------------------|-------------------|----------------|------------|--------|------|----------------|---------------|--------|-----|
|                          |                            |                             |                   | T1             |            |        |      | T2             |               |        |     |
|                          |                            |                             |                   | Sch40<br>(STD) | Sch80 (XS) | Sdi160 | xxs  | Sch40<br>(STD) | Sch80<br>(XS) | Sch160 | XXS |
| 1/4"x1/8"                | 13.7                       | 10.3                        | 57                | 2.2            | 3.0        | 3.7    | 6.1  | 1.7            | 2.4           |        |     |
| 3/8" x1/8"               | 17.1                       | 10.3                        | 64                | 2.3            | 3.2        | 4.0    | 6.4  | 1.7            | 2.4           |        |     |
| 3/8"x1/4"                | 17.1                       | 13.7                        | 64                | 2.3            | 3.2        | 4.0    | 6.4  | 2.2            | 3.0           |        |     |
| 1/2"x1/8"                | 21.3                       | 10.3                        | 70                | 2.8            | 3.7        | 4.8    | 7.5  | 1.7            | 2.4           |        |     |
| 1/2"x1/4"                | 21.3                       | 13.7                        | 70                | 2.8            | 3.7        | 4.8    | 7.5  | 2.2            | 3.0           |        |     |
| 1/2"x3/8"                | 21.3                       | 17.1                        | 70                | 2.8            | 3.7        | 4.8    | 7.5  | 2.3            | 3.2           |        |     |
| 3/4"x1/8"                | 26.7                       | 10.3                        | 76                | 2.9            | 3.9        | 5.6    | 7.8  | 1.7            | 2.4           |        |     |
| 3/4"x1/4"                | 26.7                       | 13.7                        | 76                | 2.9            | 3.9        | 5.6    | 7.8  | 2.2            | 3.0           |        |     |
| 3/4"x3/8"                | 26.7                       | 17.1                        | 76                | 2.9            | 3.9        | 5.6    | 7.8  | 2.3            | 3.2           |        |     |
| 3/4"x1/2"                | 26.7                       | 21.3                        | 76                | 2.9            | 3.9        | 5.6    | 7.8  | 2.8            | 3.7           | 4.8    | 7.5 |
| 1" x1/8"                 | 33.4                       | 10.3                        | 89                | 3.4            | 4.5        | 6.4    | 9.1  | 1.7            | 2.4           |        |     |
| 1"x1/4"                  | 33.4                       | 13.7                        | 89                | 3.4            | 4.5        | 6.4    | 9.1  | 2.2            | 3.0           |        |     |
| 1"x3/8"                  | 33.4                       | 17.1                        | 89                | 3.4            | 4.5        | 6.4    | 9.1  | 2.3            | 3.2           |        |     |
| 1"x1/2"                  | 33.4                       | 21.3                        | 89                | 3.4            | 4.5        | 6.4    | 9.1  | 2.8            | 3.7           | 4.8    | 7.5 |
| 1x3/4"                   | 33.4                       | 26.7                        | 89                | 3.4            | 4.5        | 6.4    | 9.1  | 2.9            | 3.9           | 5.6    | 7.8 |
| 1-1/4"x1/8"              | 42.2                       | 10.3                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 1.7            | 2.4           |        |     |
| 1-1/4"x1/4"              | 42.2                       | 13.7                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 2.2            | 3.0           |        |     |
| 1-1/4"x3/8"              | 42.2                       | 17.1                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 2.3            | 3.2           |        |     |
| 1-1/4"x1/2"              | 42.2                       | 21.3                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 2.8            | 3.7           | 4.8    | 7.5 |
| 1-1/4"x3/4"              | 42.2                       | 26.7                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 2.9            | 3.9           | 5.6    | 7.8 |
| 1-1/4"x1"                | 42.2                       | 33.4                        | 102               | 3.6            | 4.9        | 6.4    | 9.7  | 3.4            | 4.5           | 6.4    | 9.1 |
| 1-1/2"x1/8"              | 48.3                       | 10.3                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 1.7            | 2.4           |        |     |
| 1-1/2"x1/4"              | 48.3                       | 13.7                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 2.2            | 3.0           |        |     |
| 1-1/2" x3/8"             | 48.3                       | 17.1                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 2.3            | 3.2           |        |     |
| 1-1/2"x1/2"              | 48.3                       | 21.3                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 2.8            | 3.7           | 4.8    | 7.5 |
| 1-1/2"x 3/4"             | 48.3                       | 26.7                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 2.9            | 3.9           | 5.6    | 7.8 |
| 1-1/2"x1"                | 48.3                       | 33.4                        | 114               | 3.7            | 5.1        | 7.1    | 10.2 | 3.4            | 4.5           | 6.4    | 9.1 |
| 1-1/2"x1-1/4"            | 48.3                       | 42.2                        | 114               | 3.7            | 6.1        | 7.1    | 10.2 | 3.6            | 4.9           | 6.4    | 9.7 |
| 2"x1/8"                  | 60.3                       | 10.3                        | 165               | 3.9            | 5.5        | 8.7    | 11.1 | 1.7            | 2.4           |        |     |
| 2"x1/4"                  | 60.3                       | 13.7                        | 165               | 3.9            | 5.5        | 8.7    | 11.1 | 2.2            | 3.0           |        |     |
| 2"x3/8"                  | 60.3                       | 17.1                        | 165               | 3.9            | 5.5        | 8.7    | 11.1 | 2.3            | 3.2           |        |     |
| 2"x1/2"                  | 60.3                       | 21.3                        | 165               | 3.9            | 5.5        | 8.7    | 11.1 | 2.8            | 3.7           | 4.8    | 7.5 |

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# SWAGE NIPPLES



| Nominal Pipe ' See (NPS) | Outside Large End D1 | Diameter Small End D2 | End To End "A" | Wall Thickness |            |        |      |             |            |         |      |
|--------------------------|----------------------|-----------------------|----------------|----------------|------------|--------|------|-------------|------------|---------|------|
|                          |                      |                       |                | T1             |            |        |      | T2          |            |         |      |
|                          |                      |                       |                | Sch40 (STD)    | Sch80 (XS) | Sch160 | xxs  | Sch40 (STO) | Sch80 (XS) | Sen 160 | XXS  |
| 2"x3/4"                  | 60.30                | 26.7                  | 165            | 3.9            | 5.5        | 8.7    | 11.1 | 2.9         | 39         | 5.6     | 7.8  |
| 2"x1"                    | 60.30                | 33.4                  | 165            | 3.9            | 5.5        | 3.7    | 11.1 | 3.4         | 4.5        | 6.4     | 9.1  |
| 2"x1-1/4"                | 60.30                | 42.2                  | 165            | 3.9            | 5.5        | 8.7    | 11.1 | 3.6         | 4.9        | 6.4     | 9.7  |
| 2"x1-1/2"                | 60.30                | 48.3                  | 165            | 3.9            | 5.6        | 8.7    | 11.1 | 3.7         | 5.1        | 7.1     | 10.2 |
| 2-1/2"x1/8"              | 73.0                 | 10.3                  | 178.00         | 5.2            | 7.0        | 9.5    | 14.0 | 1.7         | 2.4        |         |      |
| 2-1/2"x1/4"              | 73.0                 | 13.7                  | 178.00         | 5.2            | 7.0        | 9.5    | 14.0 | 2.2         | 3.0        |         |      |
| 2-1/2"x3/8"              | 73.0                 | 17.1                  | 178.00         | 5.2            | 7.0        | 9.5    | 14.0 | 2.3         | 3.2        |         |      |
| 2-1/2"x1/2"              | 73.0                 | 21.3                  | 178.00         | 5.2            | 7.0        | 9.5    | 14.0 | 2.8         | 3.7        | 4.8     | 7.5  |
| 2-1/2"x3/4"              | 73.0                 | 26.7                  | 178.00         | 5.2            | 7.0        | 9.5    | 14.0 | 2.9         | 39         | 5.6     | 7.8  |
| 2-1/2"x1"                | 73.0                 | 33.4                  | 173            | 5.2            | 7.0        | 9.5    | 14.0 | 3.4         | 4.5        | 6.4     | 9.1  |
| 2-1/2"x1-1/4"            | 73.0                 | 42.2                  | 178            | 5.2            | 7.0        | 9.5    | 14.0 | 3.6         | 4.9        | 6.4     | 9.7  |
| 2-1/2"x1-1/2"            | 73.0                 | 48.3                  | 178            | 5.2            | 7.0        | 9.5    | 14.0 | 3.7         | 5.1        | 7.1     | 10.2 |
| 2-1/2"x2"                | 73.0                 | 60.3                  | 178            | 5.2            | 7.0        | 9.5    | 14.0 | 3.9         | 5.6        | 8.7     | 11.1 |
| 3"x1/8"                  | 88.9                 | 10.3                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 1.7         | 2.4        | 3.2     | 4.8  |
| 3"x1/4"                  | 88.9                 | 13.7                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 2.2         | 3.0        | 3.7     | 6.1  |
| 3"x3/8"                  | 88.9                 | 17.1                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 2.3         | 3.2        | 4.0     | 6.4  |
| 3"x1/2"                  | 88.9                 | 21.3                  | 203            | 5.5            | 7.0        | 11.1   | 15.2 | 2.8         | 3.7        | 4.8     | 7.5  |
| 3"x3/4"                  | 88.9                 | 26.7                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 2.9         | 39         | 5.6     | 7.8  |
| 3"x1"                    | 88.9                 | 33.4                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 3.4         | 4.5        | 6.4     | 9.1  |
| 3"x1-1/4"                | 88.9                 | 42.2                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 3.6         | 4.9        | 6.4     | 9.7  |
| 3"x1-1/2"                | 88.9                 | 48.3                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 3.7         | 5.1        | 7.1     | 10.2 |
| 3"x2"                    | 88.9                 | 60.3                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 3.9         | 5.5        | 8.7     | 11.1 |
| 3"x2-1/2"                | 88.9                 | 73.0                  | 203            | 5.5            | 7.6        | 11.1   | 15.2 | 5.2         | 7.0        | 9.5     | 14.0 |
| 3-1/2"x1/8"              | 101.6                | 10.3                  | 203            | 5.7            | 8.1        |        |      | 1.7         | 2.4        |         |      |
| 3-1/2"x3/8"              | 101.6                | 13.7                  | 203            | 5.7            | 8.1        |        |      | 2.2         | 3.0        |         |      |
| 3-1/2"x1/2"              | 101.6                | 21.3                  | 203            | 5.7            | 8.1        |        |      | 2.8         | 3.7        | 4.8     | 7.5  |
| 3-1/2"x3/4"              | 101.6                | 26.7                  | 203            | 5.7            | 8.1        |        |      | 2.9         | 3.9        | 5.6     | 7.8  |
| 3-1/2"x1"                | 101.6                | 33.4                  | 203            | 5.7            | 8.1        |        |      | 3.4         | 4.5        | 6.4     | 9.1  |
| 3-1/2"x1-1/4"            | 101.6                | 42.2                  | 203            | 5.7            | 8.1        |        |      | 3.6         | 4.9        | 6.4     | 9.7  |

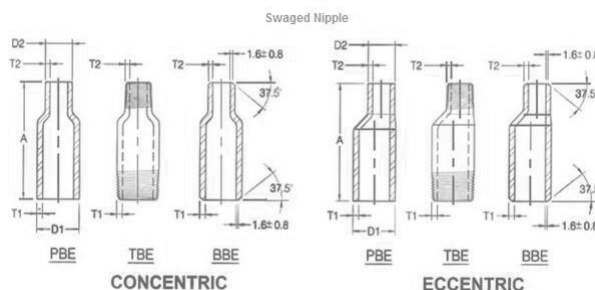
Dimensions are for reference only and subject to change without notice.

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# SWAGE NIPPLES



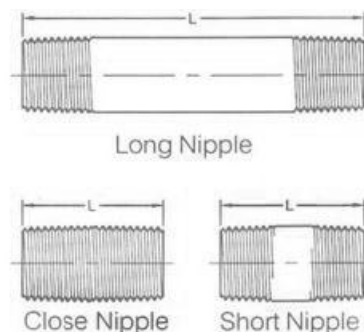
| Nominal Pipe Size (NPS) | Outside Large End D1 | Diameter Small End D2 | End To End "A" | Wall Thickness |            |        |      |       |            |        |      |
|-------------------------|----------------------|-----------------------|----------------|----------------|------------|--------|------|-------|------------|--------|------|
|                         |                      |                       |                | T1             |            |        |      | T2    |            |        |      |
|                         |                      |                       |                | Sch40 (STD)    | Sch80 (XS) | Sch160 | xxs  | Sch40 | SchSO (XS) | Sch160 | xxs  |
| 3-1/2"x1-1/2"           | 101.6                | 48.3                  | 203            | 5.7            | 8.1        |        |      | 3.7   | 5.1        | 7.1    | 10.2 |
| 3-1/2"x2"               | 101.6                | 60.3                  | 203            | 6.7            | 8.1        |        |      | 3.9   | 5.5        | 3.7    | 11.1 |
| 3-1/2"x2-1/2"           | 101.6                | 73.0                  | 203            | 5.7            | 8.1        |        |      | 5.2   | 7.0        | 9.5    | 14.0 |
| 3-1/2"x3"               | 101.6                | 88.9                  | 203            | 5.7            | 8.1        |        |      | 5.5   | 7.6        | 11.1   | 16.2 |
| 4"x1/4"                 | 114.3                | 13.7                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 2.2   | 3.0        |        |      |
| 4"x3/8"                 | 114.3                | 17.1                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 2.2   | 3.2        |        |      |
| 4"-1/2"                 | 114.3                | 21.3                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 2.3   | 3.7        | 4.8    | 7.5  |
| 4"x3/4"                 | 114.3                | 26.7                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 2.8   | 3.9        | 5.6    | 7.8  |
| 4"x1"                   | 114.3                | 33.4                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 2.9   | 4.5        | 6.4    | 9.1  |
| 4"x1-1/4"               | 114.3                | 42.2                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 3.6   | 4.9        | 6.4    | 9.7  |
| 4"x1-1/2"               | 114.3                | 48.3                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 3.7   | 5.1        | 7.1    | 10.2 |
| 4"x2"                   | 114.3                | 60.3                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 3.9   | 5.5        | 8.7    | 11.1 |
| 4"x2-1/2"               | 114.3                | 73.0                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 5.2   | 7.0        | 9.5    | 14.0 |
| 4"x3"                   | 114.3                | 88.9                  | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 5.5   | 7.6        | 11.1   | 15.2 |
| 4"x3-1/2"               | 114.3                | 101.6                 | 229            | 6.0            | 8.6        | 13.5   | 17.1 | 5.7   | 8.1        |        |      |

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# PIPE NIPPLES



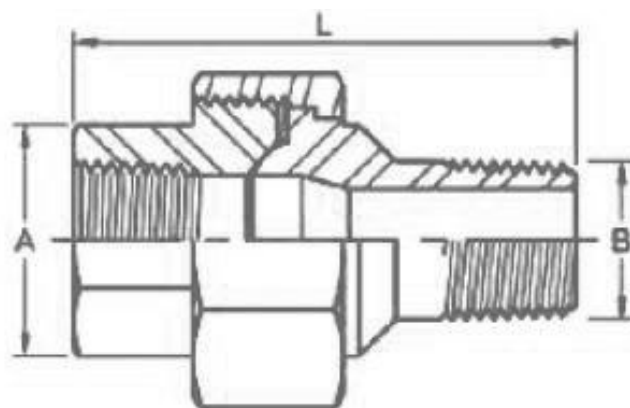
| Nom. Pipe | L            |              |             | Plain End Weight (kg/m) |          |        |       |
|-----------|--------------|--------------|-------------|-------------------------|----------|--------|-------|
| Size      | Close Nipple | Short Nipple | Long Nipple | Sch40/STD               | Sch80/XS | Sch160 | xxs   |
| 1/8"      | 3/4"         | 1-1/2 "      | 2-12 "      | 0.37                    | 0.47     |        |       |
| 1/4"      | 7/8 "        | 1-1/2 "      | 2-12 "      | 0.63                    | 0.80     |        |       |
| 3/8"      | 1            | 1-1/2 "      | 2-12 "      | 0.84                    | 1.10     |        |       |
| 1/2"      | 1-1/8 "      | 1-1/2 "      | 2-12 "      | 1.27                    | 1.62     | 1.95   | 2.55  |
| 3/4"      | 1-3/8 "      | 2            | 2-12 "      | 1.69                    | 2.20     | 2.90   | 3.64  |
| 1"        | 1-1/2 "      | 2            | 2-12 "      | 2.50                    | 3.24     | 4.24   | 5.45  |
| 1-1/4" 1- | 1-5/8 "      | 2-1/2 "      | 3-12 "      | 3.39                    | 4.47     | 5.61   | 7.77  |
| 1/2"      | 1-3/4 "      | 2-1/2 "      | 3-12 "      | 4.05                    | 5.41     | 7.25   | 9.55  |
| 2"        | 2            | 2-1/2 "      | 3-12 "      | 5.44                    | 7.48     | 11.11  | 13.44 |
| 2-1/2"    | 2-1/2 "      | 3            | 3-1/2-12    | 8.63                    | 11.41    | 14.92  | 20.39 |
| 3"        | 2-5/8 "      | 3            | 3-1/2-12    | 11.29                   | 15.27    | 21.35  | 27.68 |
| 3-1/2"    | 2-3/4 "      | 4            | 4-1/2-12    | 13.57                   | 18.64    |        | 41.03 |
| 4"        | 2-7/8 "      | 4            | 4-1/2-12    | 16.08                   | 22.32    | 33.54  | 57.13 |
| 5"        | 3            | 4-1/2 "      | 5-12 "      | 21.77                   | 30.97    | 49.12  | 79.22 |
| 6"        | 3-1/8 "      | 4-1/2 "      | 5-12 "      | 28.26                   | 42.56    | 67.57  |       |

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# UNION MALE X FEMALE



| Nom Pipe Size | A2 (Min) | B    | L     |
|---------------|----------|------|-------|
| 1/4"          | 19.0     | 13.7 | 55.4  |
| 3/8"          | 22.9     | 17.1 | 60.0  |
| 1/2"          | 27.7     | 21.3 | 68.0  |
| 3/4"          | 33.5     | 26.7 | 75.9  |
| 1"            | 41.4     | 33.4 | 86.0  |
| 1-1/4"        | 50.5     | 42.2 | 95.1  |
| 1-1/2"        | 57.2     | 48.3 | 100.5 |
| 2             | 70.1     | 60.3 | 112.1 |

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# COMPANY DETAILS



**METALOK  
INDUSTRIES**



## ABOUT US

Founded in 2013, **METALOK INDUSTRIES** has rapidly emerged as a trailblazer in international markets, distinguished by its unwavering commitment to total quality and unparalleled flexibility.

Our journey to success is rooted in years of profound experience within the steel industry, coupled with a keen understanding of our customers evolving needs. **METALOK INDUSTRIES** stands out through exclusive testing, certified products, stringent quality standards, and an unwavering dedication to exceptional customer service, positioning us as a true global performer and a trusted partner for our clientele.

What sets us apart is our ability to deliver any size, any grade, and any quality at a competitive price across various forms – pipes, tubes, plates, flanges, fittings, fasteners, valves, bars, and customized forgings. This exemplifies our exceptional flexibility. Our commitment to meeting customer delivery needs and adhering to complex technical specifications underscores our unwavering dedication to total quality.

At the heart of our success is an unrivaled product portfolio, strategically headquartered in Mumbai, enabling us to foster enduring relationships with our clients. Our primary goal is to facilitate smooth deliveries, providing not just reassurance but peace of mind.

As part of our continuous improvement initiative, **METALOK INDUSTRIES** consistently strives to maintain a market-leading position through ongoing research, strategic investments, and a culture of innovation.

Drawing upon extensive engineering experience, our mission is not just to meet our client's needs but to exceed their expectations, delighting them with unparalleled product and service quality.

### Our Commitment: We are committed to:

Offering a comprehensive range of high-quality products and services across various fields. Executing all aspects of our work with the highest level of professionalism and excellence. Providing exceptional workmanship.

### Our Vision

To be the benchmark of the Indian Stainless Steel Tube Industry, delivering superior value products through innovation and operational excellence.

### Our Mission

Aligned with the vision and values of our founders, we aim to fortify India's industrial base by leveraging cutting-edge technology, ensuring high productivity, and adhering to modern management practices. Recognizing honesty and integrity as essential pillars of a robust enterprise, we understand that profitability ignites the engine of economic activity.





# METALOK INDUSTRIES

(AN ISO 9001: 2015 Certified Company)



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