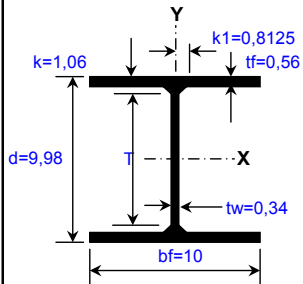
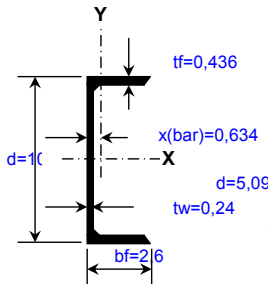


W, S, M, HP Shapes



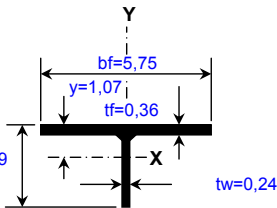
| W10x49 | |
|--------|-------------------------|
| A = | 14,40 in. ² |
| d = | 9,980 in. |
| tw = | 0,340 in. |
| bf = | 10,000 in. |
| tf = | 0,560 in. |
| T = | 7-1/2 in. |
| k = | 1,0600 in. |
| k1 = | 0,8125 in. |
| gage = | 5-1/2 in. |
| rt = | 2,740 in. |
| d/Af = | 1,78 |
| Ix = | 272,00 in. ⁴ |
| Sx = | 54,60 in. ³ |
| rx = | 4,350 in. |
| Iy = | 93,40 in. ⁴ |
| Sy = | 18,70 in. ³ |
| ry = | 2,540 in. |
| Zx = | 60,40 in. ³ |
| Zy = | 28,30 in. ³ |
| J = | 1,39 in. ⁴ |
| Cw = | 2070 in. ⁶ |
| a = | 62,10 in. |
| Wno = | 23,60 in. ² |
| Sw = | 33,00 in. ⁴ |
| Qf = | 12,70 in. ³ |
| Qw = | 29,70 in. ³ |

C, MC Shapes



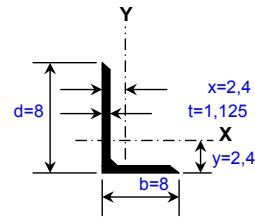
| C10x15.3 | |
|-----------|------------------------|
| A = | 4,48 in. ² |
| d = | 10,000 in. |
| tw = | 0,240 in. |
| bf = | 2,600 in. |
| tf = | 0,436 in. |
| T = | 8 in. |
| k = | 1,0000 in. |
| gage = | 1-1/2 in. |
| x(bar) = | 0,634 in. |
| eo = | 0,796 in. |
| d/Af = | 8,81 |
| Ix = | 67,30 in. ⁴ |
| Sx = | 13,50 in. ³ |
| rx = | 3,870 in. |
| Iy = | 2,27 in. ⁴ |
| Sy = | 1,15 in. ³ |
| ry = | 0,711 in. |
| J = | 0,21 in. ⁴ |
| Cw = | 45,5 in. ⁶ |
| a = | 23,74 in. |
| ro(bar) = | 4,19 in. |
| H = | 0,884 |

WT, ST, MT Shapes



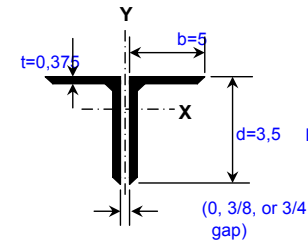
| WT5x11 | |
|-----------|------------------------|
| A = | 3,24 in. ² |
| d = | 5,090 in. |
| tw = | 0,240 in. |
| bf = | 5,750 in. |
| tf = | 0,360 in. |
| k = | 0,6600 in. |
| Ix = | 6,88 in. ⁴ |
| Sx = | 1,72 in. ³ |
| rx = | 1,460 in. |
| y = | 1,070 in. |
| Iy = | 5,71 in. ⁴ |
| Sy = | 1,99 in. ³ |
| ry = | 1,330 in. |
| J = | 0,119 in. ⁴ |
| Cw = | 0,107 in. ⁶ |
| a = | 1,53 in. |
| ro(bar) = | 2,16 in. |
| H = | 0,830 |

Single Angles



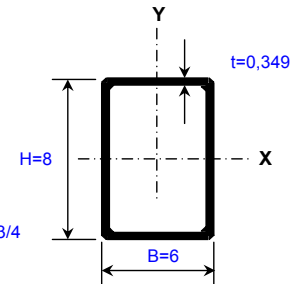
| L8x8x1-1/8 | |
|------------|------------------------|
| d = | 8 in. |
| b = | 8 in. |
| t = | 1,125 in. |
| k = | 1,7500 in. |
| wt./ft. = | 57,20 plf. |
| A = | 16,80 in. ² |
| Ix = | 98,10 in. ⁴ |
| Sx = | 17,50 in. ³ |
| rx = | 2,410 in. |
| y = | 2,400 in. |
| Iy = | 98,10 in. ⁴ |
| Sy = | 17,50 in. ³ |
| ry = | 2,410 in. |
| x = | 2,400 in. |
| rz = | 1,560 in. |
| TAN(α) = | 1,000 |
| J = | 7,13 in. ⁴ |
| Cw = | 32,5 in. ⁶ |
| a = | 3,44 in. |
| ro(bar) = | 4,29 in. |
| H = | 0,633 |

Double Angles



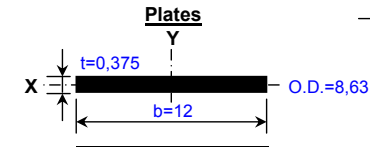
| 2L5x3-1/2x3/8SLBB | |
|-------------------|-----------------------|
| d = | 3,5 in. |
| b = | 5 in. |
| t = | 0,375 in. |
| k = | 0,8125 in. |
| wt./ft. = | 20,80 plf. |
| A = | 6,10 in. ² |
| Ix = | 6,31 in. ⁴ |
| Sx = | 2,38 in. ³ |
| rx = | 1,020 in. |
| y = | 0,854 in. |
| ry(0) = | 2,260 in. |
| ry(3/8) = | 2,390 in. |
| ry(3/4) = | 2,540 in. |
| ro(bar) = | 2,56 in. |
| H = | 0,933 |

Rectangular HSS

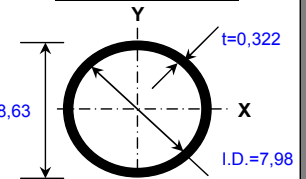


| HSS8x6x3/8 | |
|------------|-------------------------|
| d = | 8 in. |
| b = | 6 in. |
| t = | 0,349 in. |
| wt./ft. = | 32,50 plf. |
| A = | 8,97 in. ² |
| Ix = | 79,10 in. ⁴ |
| Sx = | 19,80 in. ³ |
| rx = | 2,970 in. |
| Iy = | 50,60 in. ⁴ |
| Sy = | 16,90 in. ³ |
| ry = | 2,380 in. |
| Zx = | 24,10 in. ³ |
| Zy = | 19,80 in. ³ |
| J = | 100,00 in. ⁴ |

Round HSS & Pipes



| Plates | |
|-----------|-------------------------|
| t = | 3/8 in. |
| b = | 12 in. |
| wt./ft. = | 15,31 plf. |
| A = | 4,500 in. ² |
| Ix = | 0,053 in. ⁴ |
| Sx = | 0,281 in. ³ |
| rx = | 0,108 in. |
| Iy = | 54,000 in. ⁴ |
| Sy = | 9,000 in. ³ |
| ry = | 3,464 in. |
| J = | 54,053 in. ⁴ |



| PIPE8STD | |
|-----------|-------------------------|
| O.D. = | 8,63 in. |
| I.D. = | 7,98 in. |
| t = | 0,322 in. |
| wt./ft. = | 28,60 plf. |
| A = | 8,40 in. ² |
| I = | 72,50 in. ⁴ |
| S = | 16,80 in. ³ |
| r = | 2,940 in. |
| J = | 145,00 in. ⁴ |

AISC MEMBER DIMENSIONS

