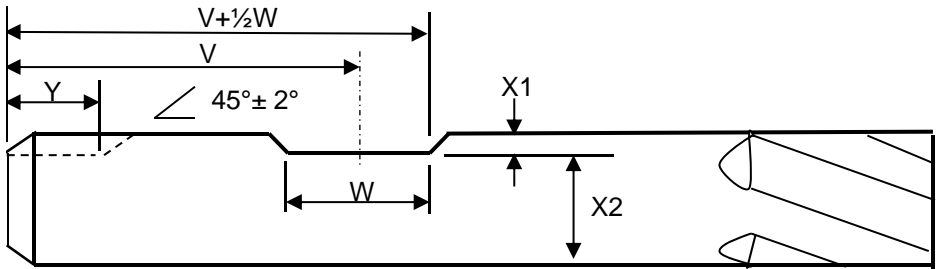


Dura-Mill "Weldon" Style" Flat for Carbide End Mills as of 4/3/13



| Shank Diameter | | V ± .015 | W +0.004 -0.004 | V+1/2W ± .015 | X1 +0.002 -0.002 | X2 +0.002 -0.002 | Y ± .031 |
|----------------|-------|----------|--------------------|------------------|---------------------|---------------------|----------|
| 3/16 | 0.187 | 0.625 | 0.250 | 0.750 | 0.025 | 0.162 | |
| 1/4 | 0.250 | 0.625 | 0.250 | 0.750 | 0.030 | 0.220 | ----- |
| 5/16 | 0.313 | 0.781 | 0.295 | 0.929 | 0.040 | 0.273 | ----- |
| 3/8 | 0.375 | 0.781 | 0.295 | 0.929 | 0.050 | 0.325 | ----- |
| 7/16 | 0.438 | 0.891 | 0.345 | 1.063 | 0.060 | 0.378 | ----- |
| 1/2 | 0.500 | 0.891 | 0.345 | 1.063 | 0.060 | 0.440 | ----- |
| 9/16 | 0.563 | 0.953 | 0.415 | 1.161 | 0.065 | 0.498 | ----- |
| 5/8 | 0.625 | 0.953 | 0.415 | 1.161 | 0.065 | 0.560 | ----- |
| 3/4 | 0.750 | 1.016 | 0.470 | 1.251 | 0.075 | 0.675 | ----- |
| 7/8 | 0.875 | 1.016 | 0.470 | 1.251 | 0.075 | 0.800 | 0.500 |
| 1 | 1.000 | 1.141 | 0.530 | 1.406 | 0.075 | 0.925 | 0.500 |
| 1 1/4 | 1.250 | 1.141 | 0.530 | 1.406 | 0.095 | 1.155 | 0.500 |