

Select Surface Finish Quality

SFQ Controls the acceleration & deceleration of the machine axes

The lower the SFQ setting number, the longer the delay before acceleration of the next commanded axis begins – which results in a sharper corner and longer cycle time. A higher SFQ setting will cause the next commanded axis to begin to accelerate much sooner, and will result in a more rounded corner and shorter cycle time.

The gap between the green and blue lines below shows the elapsed time between the deceleration of the X-axis, and the acceleration of the Y-axis.

