

Highest Schmid factors for deformation in different γ -TiAl variants in the pillars presented; for transverse twinning, only the highest Schmid factor for twinning operative in compression is reported. The suffixes C and T indicate that the twin is operative in compression and tension, respectively.

	γ -TiAl variant	Longitudinal			Transverse
		Twinning	Ordinary slip	Superlattice slip	Twinning
Pillar with $\Phi = 55^\circ$, Fig. 3(a)	I _M	0.45C	0.10	0.45	0.43C
	II _M	0.14T	0.45	0.34	-
	III _M	0.32T	0.34	0.45	-
	I _T	0.45T	0.10	0.45	-
	II _T	0.14C	0.45	0.34	0.14C
	III _T	0.32C	0.34	0.45	0.32C
Pillar with $\Phi = 25^\circ$, Fig. 3(c)	I _M	0.25C	0.27	0.35	0.26C
	II _M	0.11C	0.35	0.27	0.06C
	III _M	0.35T	0.07	0.35	0.14C
	I _T	0.25T	0.27	0.35	–
	II _T	0.11T	0.35	0.27	–
	III _T	0.35C	0.07	0.35	0.48C