		Moment map	
		injective	non injective
Automorphisms	transitive	• Irrational tori • Infinite projective space • Symplectic manifolds	• Infinite Hilbert sphere • Homogeneous presymplectic manifolds
	intransitive	• Cone orbifold • $\mathbb{R}^2$, $\omega = (x^2+y^2)dx \wedge dy$	• Corner orbifold • Almost everything