

Concept/Criteria	Weighting	Nut and Bolt		Wing Nut		Thumb Screw Cap		Quick Pin		Wing Bolt With Permant Threads		Clevis Pin with button-release pin		Modified Quick Pin	
Cost (Cheaper the better)	1	5	5	5	5	4	4	5	5	4	4	3	3	2	2
Retainability (Can we keep track of parts?)	2	3	6	2	4	2	4	5	10	5	10	3	6	5	10
Easy of assembly (Easier the better)	3	3	9	4	12	4	12	5	15	4	12	5	15	5	15
	SUM:		20		21		20		30		26		24		27