

Pugh Decision Matrix

Criteria	Weight	Acetal		Carbon Steel		Cast Iron	
		Rating	Score	Rating	Score	Rating	Score
Strength	3	3	9	5	15	4	12
Safety	3	2	6	4	12	3	9
Cost	6	5	30	2	12	1	6
Size	3	3	9	3	9	3	9
Maintain	2	2	4	4	8	4	8
Total Scores			58		56		44