		Engineering Characteristics								
Improvement Direction					↑	↓			↑	↑
Units		n/a	n/a	n/a	Mpa/m³	in	in	in	cycles	Mpa
Customer Requirements	**Importance Weight Factor**	**Material Selection**	**Primary Manufacturing Process**	**Secondary Manufacturing Process**	**Toughness at Attachment Points**	**Overall Part Height**	**Overall Part Width**	**Interior Bearing Shoulder Geometry**	**Fatigue Lifespan**	**Withstands Impact Forces**
Minimizes Scrub Radius	**3**					9		9		
Replaceable Bolt Heads	**3**		2	7	8				5	8
Break Caliper Clearance	**4**		1	4		9		7		
Backwards Compatibility on Spindle	**4**		4	2		7		7	9	8
Lighter in Weight	**5**	8	6	2	5	6	7	3	8	9
Cheaper than Commercial Part	**2**	4	9	6					4	8
Mounts to Rotor	**3**		6	3	6	3	3	2	7	5
Mounts to Wheel	**4**		5		9		9	6	3	8
Easy to Install	**3**		4		4	1	8	9	2	7
Aesthetically Pleasing	**2**	3	4				2			4
Sweet Finish	**1**	3	6	7						
Corrosion Resistant	**2**	6							6	
Survives Competition	**5**	5	4	2	7		2	6	9	9
Raw Score (1364)		94	158	93	150	133	118	185	195	238
Relative Weight %		6.89	11.58	6.82	11.00	9.75	8.65	13.56	14.30	17.45
Rank Order		8	4	9	5	6	7	3	2	1