



Wear & Galling Resistance Chart of Material Combinations

	304 St/St	316 St/St	Bronze	Inconel	Monel	Hastelloy B	Hastelloy C	Titanium 75A	Nickel	Alloy 20	Type 416 Hard	Type 440 Hard	17-4 pH	Alloy 6 (co-cr)	ENC	Cr Plate	Al Bronze
304 St/St	X	X	2	X	X	X	2	X	X	X	2	2	2	2	2	2	2
316 St/St	X	X	2	X	X	X	2	X	X	X	2	2	2	2	2	2	2
Bronze	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Inconel	X	X	1	X	X	X	2	X	2	2	2	2	2	2	2	2	1
Monel	X	X	1	X	X	X	2	2	2	2	2	2	2	1	2	2	1
Hastelloy B	X	X	1	X	X	X	2	2	1	2	2	2	2	1	2	1	1
Hastelloy C	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	1	1
Titanium 75A	X	X	1	X	2	2	2	X	2	2	2	2	2	1	2	2	1
Nickel	X	X	1	2	2	1	2	2	X	X	2	2	2	1	2	2	1
Alloy 20	X	X	1	2	2	2	2	2	X	X	2	2	2	1	2	2	1
Type 416 Hard	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
Type 440 Hard	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1
17-4 PH	2	2	2	2	2	2	2	2	2	2	2	1	X	1	1	1	1
Alloy 6 (co-cr)	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1
ENC	2	2	2	2	2	2	2	2	2	2	1	1	1	1	X	1	1
Cr Plate	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	X	1
Al Bronze	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	X

INDICATORS	1	Satisfactory
	2	Fair
	X	Poor