

Material: 60/40 bronze – stamping forge – injection

Surface treatment: Cataphoresis varnishing process

Operations	Result	Conditions
Hardness	3 h	Mitsubishi HI-UNI
Adhesion	100/100	
Impulse resistance	50 cm	500 g ½ inch (dupon)
Ericksen	6.8 m	
Solvent resistance	200 h	Toluene
	200 h	Xylene
	48 h	Acetone
Alkaline resistance	500 h	5% Na OH
Acid resistance	96 h	5% H2 SO4
Boiling water resistance	5 h	100 degrees C
SST	400 h	JIS H – 8617
CAS	96 h	JIS H – 8617
Artificial sweating	96 h	Artificial acid sweating
S02	96 h	
Saline mist - over	500 h	JIS K – 5400 6 17

Resort: tempered steel

Torsion cycle test: Over 100,000 cycles