

# Stainless Steel Types

Ver. 1.0

We use AISI 316 stainless steel for covers and carrier of the TBS50 / SBS50 series trackballs.

Steel type	Material group	AISI 302/304 Din 1.4301	AISI 316 Din 1.4401	AISI 420 Din 1.4034	AISI 440 C Din 1.4125
Wet Steam	Water	++	++	++	+
Domestic Water	Water	++	++	++	+
Sea Water	Water	++	++	--	--
Food Products	Food	++	++	0	+
Fruit and vegetables	Food	+	++	0	+
Dairy Products	Food	+	++	+	0
Hot Sulphite	Liquor	++	+	--	--
Dye	Liquor	-	-	0	-
HCL	Dilute Acid	+	--	--	--
H2SO4	Dilute Acid	+	+	--	--
HNO3	Dilute Acid	+	++	--	--
Phosphoric	Dilute Acid	+	+	--	--
H2SO4	Acid	+	++	--	--
HNO3	Acid	+	++	--	++
Phosphoric	Acid	+	++	--	--
Alkaline Salts	-	++	+	--	

Corrosion resistance :

++ very good  
 + good  
 0 neutral  
 - poor  
 -- very poor

AISI 302/304 is magnetic.

AISI 316 is non magnetic.

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