

Reviewed: **02.14.2024**

### MRI COMPATABILITY

For purposes of MRI compatibility, stainless steel material is composed primarily of iron; and **are affected by magnetic fields.**

### PRODUCT MATERIAL DETAILS

	Stainless Steel 304	Stainless Steel 305
Space Maintainer System	✓	
Molar Band System	✓	
SS Molar Crowns	✓	
SS Anterior Crowns		✓

### STAINLESS STEEL 304

Ingredient Name	Composition %	CAS Number
<b>Iron</b>	<b>65.0–75.0%</b>	7439-89-9
Chromium	<b>13.0–20.0%</b>	7440-47-3
Nickel	<b>9.0–10.0%</b>	7440-02-2
Manganese	<b>1.5%</b>	7439-96-5
Silicon	<b>0.5%</b>	7440-21-3
Molybdenum	<b>0.5%</b>	7429-98-7
Copper	<b>0.3%</b>	7440-50-8
Cobalt	<b>0.2%</b>	7440-48-4
Carbon	<b>0.05%</b>	7440-44-0
Phosphorus, Titanium, Sulphur, Aluminum, Oxygen	Trace Amounts; ≤ 0.05%	




### STAINLESS STEEL 305

Ingredient Name	Composition %	CAS Number
<b>Iron</b>	<b>62.2–72.5%</b>	7439-89-9
Chromium	<b>17.0–22.0%</b>	7440-47-3
Nickel	<b>10.2–14.0%</b>	7440-02-2
Manganese	<b>1.0–3.2%</b>	7439-96-5
Silicon	<b>1.0%</b>	7440-21-3
Carbon	<b>0.12%</b>	7440-44-0
Phosphorus, Titanium, Sulphur, Aluminum, Oxygen	Trace Amounts; ≤ 0.05%	

**I Amendment History Table:**

	Revision Date	Description of Change	Made by (initials)
1	2020.08.04	Updated to new format	CH
1	2021.03.01	Reviewed no changes	CH
1	2024.02.14	Reviewed no changes	CH

**II Management Approval:**

Approved by:		Joseph Parker, <i>President</i>
Approved by:		Phil Horton, <i>Service Manager</i>
Approved by:		Chaz Hanna, <i>Regulatory Manager</i>