



Stainless Steels 304 & 305 MRI Compatibility

Document Name

Revision

Revision Date

MRI Compatability

[1]

2020.08.04

MRI COMPATABILITY

For purposes of MRI compatibility, the 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
Iron	69.22%	7439-89-9
Chromium	18.12%	7440-47-3
Nickel	9.58%	7440-02-2
Manganese	1.59%	7439-96-5
Silicon	0.52%	7440-21-3
Molybdenum	0.39%	7429-98-7
Copper	0.35%	7440-50-8
Cobalt	0.18%	7440-48-4
Carbon	0.05%	7440-44-0
Phosphorus, Titanium, Sulphur, Aluminum, Oxygen	Trace Amounts	

STAINLESS STEEL 305

Ingredient Name	Composition %	CAS Number
Iron	64.88 - 69.38%	7439-89-9
Chromium	17.0 - 19.0%	7440-47-3
Nickel	10.5 - 13.0%	7440-02-2
Manganese	2.0%	7439-96-5
Silicon	1.0%	7440-21-3
Carbon	0.12%	7440-44-0
Phosphorus, Titanium, Sulphur, Aluminum, Oxygen	Trace Amounts	

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I Amendment History Table:

Revision Date		Description of Change	Made by (initials)
1	2020.08.04	Updated to new format	CH