

Surgimax stainless steel - grade AISI 410

Composition

Typical compositional ranges for grade AISI 410 stainless steels are given below: -

Grade	Range	C	Mn	Si	P	S	Cr	Mo	Ni	N
AISI 410	Min.	0.09	-	-	-	-	11.50		1.00	
	Max.	0.15	1.00	1.00	0.040	0.030	13.50	-	max	-

Surgimax stainless steel - grade AISI 420

Composition

Typical compositional ranges for grade AISI 420 stainless steels are given below: -

Grade	Range	C	Mn	Si	P	S	Cr	Mo	Ni	N
AISI 420	Min.	0.15	-	-	-	-	12.00		1.00	
	Max.	0.25	1.00	1.00	0.040	0.030	14.00	-	max	-

Surgimax stainless steel - grade AISI 304

Composition

Typical compositional ranges for grade AISI 304 stainless steels are given below: -

Grade	Range	C	Mn	Si	P	S	Cr	Mo	Ni	N
AISI 304	Min.	-	-	-	-	-	18.00	-	8.00	-
	Max.	0.08	2.00	1.00	0.045	0.03	20.00	-	11.00	0.10

Surgimax stainless steel - grade AISI 316L

Composition

Typical compositional ranges for grade AISI 316L stainless steels are given below: -

Grade	Range	C	Mn	Si	P	S	Cr	Mo	Ni	N
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AISI	Min.	-	-	-	-	-	16.00	-	10.00	-
316L	Max.	0.03	2.00	1.00	0.045	0.03	18.00	-	14.00	0.10

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