

SURGIMAX MATERIALS COMPOSITION**STAINLESS STEEL - GRADE AISI 410**

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	-

STAINLESS STEEL - GRADE AISI 420

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	-

STAINLESS STEEL - GRADE AISI 304

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

STAINLESS STEEL - GRADE AISI 316L

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

