

RODINOX® SIZE RANGE

available in coils - range from 6 to 16 mm - and in bars - range from 6 up to 32 mm (40mm only for 1.4362)

RODINOX® GRADE

to meet the various needs, Rodinox® is manufactured in the following types:

Grade	Type	Reference Steel	
RODINOX® R1	austenitic in Cr - Ni	304L / 304LN	1.4307 / 1.4315
RODINOX® R2	austenitic in Cr - Ni - Mo	316L / 316LN	1.4404 / 1.4406
RODINOX® R3	austenitic in Cr - Ni - Mo	316HMo / 316LNMo	1.4436 / 1.4429
RODINOX® R4	duplex	2304	1.4362
RODINOX® R5	duplex	2205	1.4462

CHEMICAL COMPOSITION

the indicative chemical composition of Rodinox® is as follows:

Grade	C	Mn	Si	S	P	Cr	Ni	Mo	N	Cu
RODINOX® R1	0,02	1,6	0,5	<0,010	0,04	18,5	8,1	-	0,20	-
RODINOX® R2	0,02	1,6	0,5	<0,010	0,04	18,0	10,1	2,1	0,20	-
RODINOX® R3	0,02	1,6	0,5	<0,010	0,04	17,1	11,1	2,6	0,20	-
RODINOX® R4	0,02	0,8	0,5	<0,010	0,04	23,2	4,1	0,2	0,10	0,30
RODINOX® R5	0,02	0,8	0,5	<0,010	0,04	22,8	5,2	3,1	0,20	-

RODINOX® STANDARD REFERENCE

can be produced in accordance with the following standards:

Grade	Ministerial Decree 14.01.2008 "Technical Standards for Construction" class B450C		BS 6744: 2016	
	Rolls	Bars	Rolls	Bars
RODINOX® R1	6 - 14 mm	6 - 32 mm	6 - 16 mm	6 - 32 mm
RODINOX® R2	6 - 14 mm	6 - 32 mm	-	-
RODINOX® R3	6 - 14 mm	6 - 32 mm	6 - 16 mm	6 - 32 mm
RODINOX® R4	6 - 32 mm		6 - 16 mm	6 - 40 mm
RODINOX® R5	-		6 - 32 mm	

RODINOX® WEIGHT

mass per linear meter as a function of the type of steel (units kg/m):

Grade	Ø nom. mm	5	6	7	8	10	12	14	16	18	20	22	24	25	26	32	40
	section mm ²	19,6	28,3	38,5	50,3	78,5	113,1	153,9	201,1	254,5	314,2	380,2	452,4	490,9	531,0	804,2	1256,6
RODINOX® R1	0,155	0,224	0,304	0,397	0,620	0,893	1,216	1,589	2,011	2,482	3,003	3,574	3,878	4,195	6,353	9,927	
RODINOX® R2	0,157	0,226	0,308	0,402	0,628	0,905	1,231	1,609	2,036	2,514	3,041	3,620	3,927	4,248	6,434	10,053	
RODINOX® R3	0,157	0,226	0,308	0,402	0,628	0,905	1,231	1,609	2,036	2,514	3,041	3,620	3,927	4,248	6,434	10,053	
RODINOX® R4*	0,153	0,221	0,300	0,392	0,612	0,882	1,200	1,569	1,985	2,451	2,965	3,529	3,829	4,142	6,266	9,790	
RODINOX® R5*	0,153	0,221	0,300	0,392	0,612	0,882	1,200	1,569	1,985	2,451	2,965	3,529	3,829	4,142	6,266	9,790	

* comply with BS 6744 regulations

rev. 10/2018

Rodacciai name

Download APP

STAINLESS RE-BARS
 RODINOX®

RODINOX®
