Table 8 — Mechanical properties at room temperature of solution annealed  $^{\rm a}$  (see Table A.1) austenitic steels and resistance to intergranular corrosion in conditions 1C, 1E, 1D, 1X, 1G

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and 2D

Steel designation		Thickness t or diameter <sup>b</sup>	Hard- ness <sup>c, d</sup>	0,2 %- proof strength	1 %- proof strength	Tensile Strength <sup>d, e</sup>	Elongation after fracture <sup>d, e</sup>	<b>after</b> d, e	Impact energy (ISO-V)	Resistance to intergranular corrosion <sup>f</sup>	nce to inular ion <sup>f</sup>
Name	Number	шш	НВW тах.	R <sub>p0,2</sub> e MPa	R <sub>p1,0</sub> °,e MPa min	$R_{\rm m}$ MPa	A % min.		$\mathrm{KV}_2$ J min.	in the delivery condition	in the sensitized condition
				······································			(long.)	(tr.)	(long.) (tr.)		
				St	Standard grades						
X10CrNi18-8	1.4310	≥ 40	230	195	230	500 to 750	40			ou	ou
0 0F:N-7CA	1 4207	< 160	7,1	7	0,10	002 24 002	45		100 -		
AZUFINI18-9	1.4307	$160 < t \le 250$	517	1/3	710	00 / 01 000	1	35	09 -	yes	yes
X8CrNiS18-9	1.4305	< 160	230	190	222	500 to 750	35			ou	ou
X6CrNiCuS18-9-2	1.4570	< 160	215	185	220	500 to 710	35	-		ou	ou
X3CrNiCu18-9-4	1.4567	< 160	215	175	210	450 to 650	45			yes	yes
W2.7.W:W1.0 10	1 4 2 4 4	< 160	026	020	206	026 04 044	40		100		
AZCFININ 18-10	1.4311	$160 < t \le 250$	730	7/0	303	09 / 01 000	,	30		yes	yes
VECN:10 10	1 4204	< 160	215	100	366	700 +002	45	-	100		ج د ا
V3Crivi18-10	1.4301	$160 < t \le 250$	617	190	677	00 / 01 000	,	35	09 -	yes	: ou
X67.WiTi10 10	1 1 5 7 1	<pre>&lt; 160</pre>	216	100	366	E00 to 700	40	-	100	304	CAA
V0C1N1110-10	1:4341	$160 < t \le 250$	617	120	677	200 00 000	-	30	- 60	yes	yes
X2CNi10 11	1 4206	<pre>&lt; 160</pre>	216	180	215	007 04 07	45	-	100	5022	002
A2CINI19-11	1.4300	$160 < t \le 250$	C17	1	ı	400 00 000	-	35	- 09	yes	yes