

Los aceros inoxidable son aleaciones ferríticas con un contenido de Carbono (C) inferior al 2%.

La característica principal de los aceros inoxidable es la de tener una óptima resistencia a la corrosión, debido al hecho de que uno de sus principales componentes, el Cromo (Cr), está presente en la aleación en un porcentaje nunca inferior al 12%.

Principales grupos de aceros inoxidable

- Aceros Ferríticos: Fe + Cr (12-30%) + C (0.02-0.1%)
- Aceros Martensíticos: Fe + Cr (12-19%) + C (0.08-1.2%)
- Aceros Austeníticos: Fe + Cr (16-28%) + C (0.02-0.1%) + Ni (6-32%)

ATUSA únicamente trabaja con Aceros Austeníticos cuyos aspectos más destacados son su óptima resistencia a la oxidación y sus notables propiedades mecánicas a altas temperaturas.

Los aceros inoxidable austeníticos son normalmente utilizados en todas aquellas aplicaciones en las cuáles se requieren materiales capaces de soportar exigentes condiciones de servicio.

Los principales son:


AISI 304 (EN 1.4301): Presenta características de elevada resistencia a la fatiga con baja sensibilidad a los golpes y está particularmente indicado para ser utilizado a bajas temperaturas.

AISI 316 (EN 1.4401): El AISI 316 se distingue del 304 por la presencia del Molibdeno (Mo) en una relación del 2-3%, confiriéndole unas buenas características de resistencia a la corrosión y mejores características mecánicas a las elevadas temperaturas.

El AISI 304L (EN 1.4307) y el 316L (EN 1.4404), se diferencian de los anteriores por el menor contenido de Carbono (C) en la aleación, esto permite efectuar soldaduras a temperaturas más altas. Las otras características son similares para el 304 y el 316 para utilizar a temperatura ambiente, mientras son levemente inferiores para temperaturas elevadas.




531 CASQUILLO INTERIOR

Ø			COD.	€
1/4"	1000	10	I5316001	
3/8"	600	10	I5316002	
1/2"	350	5	I5316003	
3/4"	200	5	I5316004	
1"	140	5	I5316005	
1 1/4"	80	2	I5316006	
1 1/2"	60	2	I5316007	
2"	18	1	I5316008	




600 BOBINA ROSCADA A UN LADO


Ø			COD.	€
1/8" x 30 mm.	1200	10	I6006000	
1/4" x 30 mm.	500	10	I6006001	
3/8" x 30 mm.	500	10	I6006002	
1/2" x 35 mm.	300	5	I6006003	
3/4" x 40 mm.	180	5	I6006004	
1" x 40 mm.	120	5	I6006005	
1 1/4" x 50 mm.	60	3	I6006006	
1 1/2" x 50 mm.	40	2	I6006007	
2" x 50 mm.	30	1	I6006008	
2 1/2" x 60 mm.	18	1	I6006009	
3" x 70 mm.	12	1	I600600A	
4" x 80mm.	4	1	I600600C	




700 ENTRONQUE ROSCA - MANGUERA

Ø			COD.	€
1/4" x 70 mm.	400	10	I7001070	
3/8" x 70 mm.	250	10	I7002070	
1/2" x 70 mm.	180	10	I7003070	
3/4" x 70 mm.	120	10	I7004070	
1" x 70 mm.	90	5	I7005070	
1 1/4" x 70 mm.	40	5	I7006070	
1 1/2" x 100 mm.	25	5	I7007100	
2" x 100 mm.	20	1	I7008100	

CASQUILLO

Ø			SERIE 1				SERIE 2 NEW				MANDRINAR NEW	
			COD. AISI 304	€	COD. AISI 316	€	COD. AISI 304	€	COD. AISI 316	€	COD. AISI 316	€
10	700	10									I3816M02	
15	700	10			I3816003					I3816203		I3816M03
20	400	10			I3816004					I3816204		I3816M04
25	225	5	I3814005		I3816005		I3814205			I3816205		I3816M05
32	180	5	I3814006		I3816006		I3814206			I3816206		I3816M06
40	150	5	I3814007		I3816007		I3814207			I3816207		I3816M07
50	90	5	I3814008		I3816008		I3814208			I3816208		I3816M08
65	48	2	I3814009		I3816009		I3814209			I3816209		I3816M09
80	28	2	I381400A		I381600A		I381420A			I381620A		I3816M0A
100	20	2	I381400C		I381600C		I381420C			I381620C		I3816M0C
125	10	1			I381600D					I381620D		
150	5	1			I381600E					I381620E		

CONEXIÓN MACHO

Ø			SERIE 1				SERIE 2 NEW				MANDRINAR NEW	
			COD. AISI 304	€	COD. AISI 316	€	COD. AISI 304	€	COD. AISI 316	€	COD. AISI 316	€
10	500	10									I3806M02	
15	500	10			I3806003					I3806203		I3806M03
20	300	10			I3806004					I3806204		I3806M04
25	160	5	I3804005		I3806005		I3804205			I3806205		I3806M05
32	120	5	I3804006		I3806006		I3804206			I3806206		I3806M06
40	75	5	I3804007		I3806007		I3804207			I3806207		I3806M07
50	60	5	I3804008		I3806008		I3804208			I3806208		I3806M08
65	36	2	I3804009		I3806009		I3804209			I3806209		I3806M09
80	24	2	I380400A		I380600A		I380420A			I380620A		I3806M0A
100	12	2	I380400C		I380600C		I380420C			I380620C		I3806M0C
125	10	1			I380600D					I380620D		
150	5	1			I380600E					I380620E		



TUERCA AISI 304 ROSCADA

Ø	📦		COD.	€
15	300	10	I3744003	
20	180	10	I3744004	
25	150	5	I3744005	
32	125	5	I3744006	
40	80	5	I3744007	
50	55	5	I3744008	
65	30	2	I3744009	
80	16	2	I374400A	
100	14	2	I374400C	
125	12	1	I374400D	
150	10	1	I374400E	



TUERCA CIEGA AISI 304
CON JUNTA EPDM Y CADENA

Ø	📦		COD.	€
25	85	5	I3834005	
32	60	5	I3834006	
40	60	5	I3834007	
50	50	5	I3834008	
65	36	2	I3834009	
80	20	2	I383400A	
100	12	2	I383400C	



JUNTA RACOR

Ø	📦		COD. EPDM	€	COD. NBR	€
15	300	10	IJAL0003		IJALN003	
20	300	10	IJAL0004		IJALN004	
25	680	10	IJAL0005		IJALN005	
32	900	10	IJAL0006		IJALN006	
40	700	10	IJAL0007		IJALN007	
50	700	10	IJAL0008		IJALN008	
65	600	10	IJAL0009		IJALN009	
80	600	10	IJAL000A		IJALN00A	
100	500	10	IJAL000C		IJALN00C	
125	-	6	IJAL000D		IJALN00D	
150	-	5	IJAL000E		IJALN00E	



JUNTA EPDM PARA TUERCA CIEGA

Ø	📦		COD.	€
25	680	10	IJALCE05	
32	900	10	IJALCE06	
40	700	10	IJALCE07	
50	700	10	IJALCE08	
65	300	10	IJALCE09	
80	300	10	IJALCE0A	
100	250	10	IJALCE0C	

RACORES ALIMENTARIOS - SMS 1146



CASQUILLO AISI 316L

Ø	📦		COD.	€
25	225	5	I3816S05	
38	150	5	I3816S06	
51	90	5	I3816S07	
63,5	48	2	I3816S08	
76	40	2	I3816S09	
101,6	20	2	I3816S0A	
104	16	2	I3816S0C	



TUERCA AISI 304 ROSCADA

Ø	📦		COD.	€
25	150	5	I3744S05	
38	60	5	I3744S06	
51	40	5	I3744S07	
63,5	30	2	I3744S08	
76	16	2	I3744S09	
101,6	14	2	I3744S0A	
104	14	2	I3744S0C	



CONEXIÓN MACHO AISI 316L

Ø	📦		COD.	€
25	160	5	I3806S05	
38	120	5	I3806S06	
51	60	5	I3806S07	
63,5	36	2	I3806S08	
76	24	2	I3806S09	
101,6	12	2	I3806S0A	
104	12	2	I3806S0C	



JUNTA RACOR



Ø	📦		COD. EPDM	€	COD. SILICONA	€
25	680	10	IJASE005		IJASS005	
38	900	10	IJASE006		IJASS006	
51	700	10	IJASE007		IJASS007	
63,5	700	10	IJASE008		IJASS008	
76	600	10	IJASE009		IJASS009	
101,6	600	10	IJASE00A		IJASS00A	
104	500	10	IJASE00C		IJASS00C	




ABRAZADERA CLAMP AISI 304

Ø	PULG.	CASQUILLO CLAMP mm.		COD.	€
	1/2" - 3/4"	25,0	150 1	IRFC4008	
10-15-20		34,0	130 1	IRFC4010	
25-32-40	1" - 1.5"	50,5	100 1	IRFC4025	
50	2"	64,0	100 1	IRFC4050	
	2 1/2"	77,5	80 1	IRFC4060	
65	3"	91,0	70 1	IRFC4065	
80	3.5"	106,0	50 1	IRFC4080	
100	4"	119,0	40 1	IRFC4100	




CASQUILLO CLAMP CIEGO AISI 316L

Ø	ESTÁNDAR	DIÁM. EXT TUBO		COD.	€
1/2" - 3/4"	3A	25,4	800 20	IRCB6009	
10 - 15 - 20	DIN	34,0	800 20	IRCB6010	
25 - 32 - 40	DIN	50,5	300 20	IRCB6025	
50	DIN	64,0	200 10	IRCB6050	
2 1/2"	3A	77,5	100 5	IRCB6060	
65	DIN	91,0	60 5	IRCB6065	
80	DIN	106,0	60 5	IRCB6080	
100	DIN	119,0	40 5	IRCB6100	




CASQUILLO CLAMP SOLDAR AISI 316L

Ø	ESTÁNDAR	DIÁM. EXT TUBO	DIÁM. EXT. CLAMP	LONGITUD		COD.	€
1/2"	3A	12,7	25,4	28,6	350 10	IRCC6009	
10	DIN	12,0	34,0	21,5	350 10	IRCC6010	
15	DIN	18,0	34,0	21,5	350 10	IRCC6015	
3/4"	3A	19,0	25,4	28,6	350 10	IRCC6016	
20	DIN	22,0	34,0	21,5	250 10	IRCC6020	
1"	3A	25,4	50,5	28,6	150 10	IRCC6022	
25	DIN	28,0	50,5	21,5	180 10	IRCC6025	
32	DIN	34,0	50,5	21,5	180 10	IRCC6032	
1 1/2"	3A	38,1	50,5	28,6	150 10	IRCC6035	
40	DIN	40,0	50,5	21,5	180 10	IRCC6040	
2"	3A	50,8	64,0	28,6	120 10	IRCC6048	
50	DIN	52,0	64,0	21,5	150 10	IRCC6050	
2 1/2"	3A	63,5	77,5	28,6	70 10	IRCC6060	
65	DIN	70,0	91,0	21,5	70 5	IRCC6065	
3"	3A	76,2	91,0	28,6	40 5	IRCC6073	
80	DIN	85,0	106,0	21,5	60 5	IRCC6080	
4"	3A	101,6	119,0	28,6	25 5	IRCC6097	
100	DIN	104,0	119,0	21,5	30 5	IRCC6100	





JUNTA CASQUILLO CLAMP

Ø	ESTÁNDAR	DIÁM. INT.	DIÁM. EXT.		COD. EPDM	€	COD. NBR	€
1/2"	3A	9,9	25,4	800 10	IRCJE009		IRCJN009	
10	DIN	10,2	34,0	800 10	IRCJE010		IRCJN010	
15	DIN	16,2	34,0	800 10	IRCJE015		IRCJN015	
3/4"	3A	16,2	25,4	800 10	IRCJE016		IRCJN016	
20	DIN	20,2	34,0	600 10	IRCJE020		IRCJN020	
1"	3A	22,8	50,5	600 10	IRCJE022		IRCJN022	
25	DIN	26,2	50,5	500 10	IRCJE025		IRCJN025	
32	DIN	32,2	50,5	500 10	IRCJE032		IRCJN032	
1 1/2"	3A	35,8	50,5	500 10	IRCJE035		IRCJN035	
40	DIN	38,2	50,5	500 10	IRCJE040		IRCJN040	
2"	3A	48,8	64,0	400 10	IRCJE048		IRCJN048	
50	DIN	50,2	64,0	400 10	IRCJE050		IRCJN050	
2 1/2"	3A	60,5	77,5	350 10	IRCJE060		IRCJN060	
65	DIN	66,2	91,0	350 5	IRCJE065		IRCJN065	
3"	3A	73,1	91,0	150 5	IRCJE073		IRCJN073	
80	DIN	81,2	106,0	150 5	IRCJE080		IRCJN080	
4"	3A	97,8	119,0	125 5	IRCJE097		IRCJN097	
100	DIN	100,2	119,0	125 5	IRCJE100		IRCJN100	





CODO 90°

DN	ESPESES. mm.	R mm.		SERIE 1				SERIE 2 					
				DIAM. EXT. mm.	AISI 304		AISI 316L		DIAM. EXT. mm.	AISI 304		AISI 316L	
					COD.	€	COD.	€		COD.	€	COD.	€
10	1,5	26,0	10	12			IAC96010						
15	1,5	35,0	10	18			IAC96015		19			I2C96015	
20	1,5	40,0	9	22			IAC96020		23			I2C96020	
25	1,5	50,0	7	28	IAC94025		IAC96025		29	I2C94025		I2C96025	
32	1,5	55,0	5	34	IAC94032		IAC96032		35	I2C94032		I2C96032	
40	1,5	60,0	5	40	IAC94040		IAC96040		41	I2C94040		I2C96040	
50	1,5	70,0	4	52	IAC94050		IAC96050		53	I2C94050		I2C96050	
65	2,0	80,0	3	70	IAC94065		IAC96065						
80	2,0	90,0	2	85	IAC94080		IAC96080						
100	2,0	100,0	1	104	IAC94100		IAC96100						
125	2,0	187,5	1	129			IAC96125						
150	2,0	225,0	1	154			IAC96150						



TE


DN	ESPESES. mm.	R mm.		SERIE 1				SERIE 2 					
				DIAM. EXT. mm.	AISI 304		AISI 316L		DIAM. EXT. mm.	AISI 304		AISI 316L	
					COD.	€	COD.	€		COD.	€	COD.	€
10	1,5	26,0	4	12			IATL6010						
15	1,5	35,0	4	18			IATL6015		19			I2TL6015	
20	1,5	40,0	4	22			IATL6020		23			I2TL6020	
25	1,5	50,0	4	28	IATL4025		IATL6025		29	I2TL4025		I2TL6025	
32	1,5	55,0	4	34	IATL4032		IATL6032		35	I2TL4032		I2TL6032	
40	1,5	60,0	4	40	IATL4040		IATL6040		41	I2TL4040		I2TL6040	
50	1,5	70,0	3	52	IATL4050		IATL6050		53	I2TL4050		I2TL6050	
65	2,0	80,0	3	70	IATL4065		IATL6065						
80	2,0	90,0	2	85	IATL4080		IATL6080						
100	2,0	100,0	1	104	IATL4100		IATL6100						
125	2,0	187,5	1	129			IATL6125						
150	2,0	225,0	1	154			IATL6150						

ACCESORIOS PARA SOLDAR - ALIMENTARIO - DIN 11852




REDUCCIÓN CONCÉNTRICA
AISI 316L

NEW

DN	ESPESES. mm.		SERIE 1			SERIE 2		
			DIAM. EXT. mm.	COD.	€	DIAM. EXT. mm.	COD.	€
DN 15 - DN 10	1,5	10	18 x 12	IARC6032				
DN 20 - DN 10	1,5	10	22 x 12	IARC6042				
DN 20 - DN 15	1,5	10	22 x 18	IARC6043		23 x 19	I2RC6043	
DN 25 - DN 10	1,5	10	28 x 12	IARC6052				
DN 25 - DN 15	1,5	10	28 x 18	IARC6053				
DN 25 - DN 20	1,5	10	28 x 22	IARC6054		29 x 23	I2RC6054	
DN 32 - DN 15	1,5	10	34 x 18	IARC6063				
DN 32 - DN 20	1,5	10	34 x 22	IARC6064		35 x 23	I2RC6064	
DN 32 - DN 25	1,5	10	34 x 28	IARC6065		35 x 29	I2RC6065	
DN 40 - DN 20	1,5	10	40 x 22	IARC6074		41 x 23	I2RC6074	
DN 40 - DN 25	1,5	10	40 x 28	IARC6075		41 x 29	I2RC6075	
DN 40 - DN 32	1,5	10	40 x 34	IARC6076		41 x 35	I2RC6076	
DN 50 - DN 25	1,5	10	52 x 28	IARC6085		53 x 29	I2RC6085	
DN 50 - DN 32	1,5	10	52 x 34	IARC6086		53 x 35	I2RC6086	
DN 50 - DN 40	1,5	10	52 x 40	IARC6087		53 x 41	I2RC6087	
DN 65 - DN 32	2,0	1	70 x 34	IARC6096		70 x 35	I2RC6096	
DN 65 - DN 40	2,0	1	70 x 40	IARC6097		70 x 41	I2RC6097	
DN 65 - DN 50	2,0	1	70 x 52	IARC6098		70 x 53	I2RC6098	
DN 80 - DN 40	2,0	1	85 x 40	IARC60A7		85 x 41	I2RC60A7	
DN 80 - DN 50	2,0	1	85 x 52	IARC60A8		85 x 53	I2RC60A8	
DN 80 - DN 65	2,0	1	85 x 70	IARC60A9				
DN 100 - DN 50	2,0	1	104 x 52	IARC60C8		104 x 53	I2RC60C8	
DN 100 - DN 65	2,0	1	104 x 70	IARC60C9				
DN 100 - DN 80	2,0	1	104 x 85	IARC60CA				




CODO 90°

DN	ESPESES. mm.	DIAM. EXT. mm.	R mm.		AISI 304		AISI 316L	
					COD.	€	COD.	€
25	1,5	25,4	38,1	7	ISC94025		ISC96025	
38	1,5	38,1	57,2	5	ISC94038		ISC96038	
51	1,5	50,8	76,1	4	ISC94051		ISC96051	
63	1,5	63,5	95,2	3	ISC94063		ISC96063	
76	2,0	76,1	114,0	2	ISC94076		ISC96076	
101	2,0	101,6	110,0	1	ISC94101		ISC96101	




REDUCCIÓN CONCÉNTRICA AISI 316L

DN	DIAM. EXT. mm.		COD.	€
DN 38 - DN 25	38,1 x 25,4	10	ISR63825	
DN 51 - DN 25	50,8 x 25,4	10	ISR65125	
DN 51 - DN 38	50,8 x 38,1	10	ISR65138	
DN 63 - DN 38	63,5 x 38,1	1	ISR66338	
DN 63 - DN 51	63,5 x 50,8	1	ISR66351	
DN 76 - DN 51	76,1 x 50,8	1	ISR67651	
DN 76 - DN 63	76,1 x 63,5	1	ISR67663	
DN 101 - DN 63	101,6 x 63,5	1	ISR61063	
DN 101 - DN 76	101,6 x 76,1	1	ISR61076	



TE AISI 316L

DN	ESPESES. mm.	DIAM. EXT. mm.		COD.	€
25	1,5	25,4	4	ISTL6025	
38	1,5	38,1	4	ISTL6038	
51	1,5	50,8	2	ISTL6051	
63	1,5	63,5	1	ISTL6063	
76	2,0	76,1	1	ISTL6076	
101	2,0	101,6	1	ISTL6101	

ACCESORIOS PARA SOLDAR - MILIMÉTRICO



CODO 90° 3D DE TUBO SOLDADO

Ø	Ø mm.	DN	R mm.	ESP. mm.	AISI 304L		AISI 316L	
					COD.	€	COD.	€
1/2"	18,0	15	25,0	1,5	IC341018		IC361018	
1/2"	20,0	15	30,0	1,5	IC341020		IC361020	
3/4"	23,0	20	35,0	1,5	IC341023			
3/4"	25,0	20	37,0	1,5	IC341025		IC361025	
3/4"	28,0	20	40,0	1,5	IC341028		IC361028	
3/4"	30,0	20	45,0	1,5	IC341030		IC361030	
1"	33,0	25	50,0	1,5	IC341033		IC361033	
1 1/4"	35,0	32	52,5	1,5	IC341035			
1 1/4"	38,0	32	55,0	1,5	IC341038			
1 1/2"	40,0	40	60,0	1,5	IC341040		IC361040	
1 1/2"	43,0	40	65,0	1,5	IC341043		IC361043	
2"	50,8	50	76,0	1,5	IC341051		IC361050	
2"	53,0	50	80,0	1,5	IC341053		IC361053	
2"	63,5	50	95,0	1,5	IC341063		IC361063	
2"	54,0	50	80,0	2,0	IC342054			
2"	57,0	50	85,5	2,0	IC342057			
2 1/2"	70,0	65	92,0	2,0	IC342070		IC362070	
2 1/2"	73,0	65	110,0	1,5	IC341073		IC361073	
2 1/2"	76,0	65	115,0	1,5	IC341076		IC361076	
3"	84,0	80	125,0	2,0	IC342084		IC362084	
4"	104,0	100	155,0	2,0	IC342104		IC362104	
5"	129,0	125	190,0	2,0	IC342129		IC362129	
6"	154,0	150	225,0	2,0	IC342154		IC362154	
8"	204,0	200	300,0	2,0	IC342204		IC362204	
10"	254,0	250	380,0	2,0	IC342254			



TE



CAP

Ø mm.	DN	ESP. mm.	AISI 304L		AISI 316L	
			COD.	€	COD.	€
25,0	20	1,5	ITM41025		ITM61025	
28,0	20	1,5	ITM41028		ITM61028	
33,0	25	1,5	ITM41033		ITM61033	
43,0	40	1,5	ITM41043		ITM61043	
50,8	50	1,5	ITM41050		ITM61050	
53,0	50	1,5	ITM41053		ITM61053	
63,5	50	1,5	ITM41063		ITM61063	
73,0	65	1,5	ITM41073		ITM61073	
84,0	80	2,0	ITM42084		ITM62084	
104,0	100	2,0	ITM42104		ITM62104	
129,0	125	2,0	ITM42129		ITM62129	
154,0	150	2,0	ITM42154		ITM62154	
204,0	200	2,0	ITM42204		ITM62204	
254,0	250	2,0	ITM42254		ITM62254	
304,0	300	2,0			ITM62304	
354,0	300	2,0			ITM62354	

Ø mm.	DN	ESP. mm.	AISI 304L		AISI 316L	
			COD.	€	COD.	€
25,0	20	1,5	ICAM4025		ICAM6025	
28,0	20	1,5	ICAM4028		ICAM6028	
33,0	25	1,5	ICAM4033		ICAM6033	
43,0	40	1,5	ICAM4043		ICAM6043	
50,8	50	1,5	ICAM4050		ICAM6050	
53,0	50	1,5	ICAM4053		ICAM6053	
63,5	50	1,5	ICAM4063		ICAM6063	
70,0	65	2,0	ICAM4070		ICAM6070	
73,0	65	1,5	ICAM4073		ICAM6073	
84,0	80	2,0	ICAM4084		ICAM6084	
104,0	100	2,0	ICAM4104		ICAM6104	
129,0	125	2,0	ICAM4129		ICAM6129	
154,0	150	2,0	ICAM4154		ICAM6154	
204,0	200	2,0	ICAM4204		ICAM6204	
254,0	250	2,0	ICAM4254		ICAM6254	
304,0	300	2,0	ICAM4304		ICAM6304	
354,0	300	2,0	ICAM4354		ICAM6354	

ACCESORIOS PARA SOLDAR - MILIMÉTRICO



VALONA

Ø	DN	ESP. mm.	AISI 304L		AISI 316L	
			COD.	€	COD.	€
25,0	20	1,5	ICM41025		ICM61025	
28,0	20	1,5	ICM41028		ICM61028	
33,0	25	1,5	ICM41033		ICM61033	
43,0	40	1,5	ICM41043		ICM61043	
50,8	50	1,5	ICM41050		ICM61050	
53,0	50	1,5	ICM41053		ICM61053	
63,5	50	1,5	ICM41063		ICM61063	
70,0	65	2,0	ICM42070		ICM62070	
73,0	65	1,5	ICM41073		ICM61073	
84,0	80	2,0	ICM42084		ICM62084	
104,0	100	2,0	ICM42104		ICM62104	
129,0	125	2,0	ICM42129		ICM62129	
154,0	150	2,0	ICM42154		ICM62154	
204,0	200	2,0	ICM42204		ICM62204	
254,0	250	2,0	ICM42254		ICM62254	
304,0	300	2,0	ICM42304		ICM62304	
354,0	300	2,0	ICM42354		ICM62354	



REDUCCIÓN CONCÉNTRICA

Ø mm.	DN	ESP. mm.	AISI 304L		AISI 316L	
			COD.	€	COD.	€
53,0 x 43,0	50 x 40	1,5	IRM45343		IRM65343	
63,5 x 43,0	50 x 40	1,5	IRM46343		IRM66343	
63,5 x 53,0	50 x 50	1,5	IRM46353		IRM66353	
73,0 x 43,0	65 x 40	2,0	IRM47343		IRM67343	
73,0 x 53,0	65 x 50	2,0	IRM47353		IRM67353	
73,0 x 63,5	65 x 50	2,0	IRM47363		IRM67363	
84,0 x 43,0	80 x 40	2,0	IRM48443		IRM68443	
84,0 x 53,0	80 x 50	2,0	IRM48453		IRM68453	
84,0 x 63,5	80 x 50	2,0	IRM48463		IRM68463	
84,0 x 73,0	80 x 65	2,0	IRM48473		IRM68473	
104,0 x 43,0	100 x 40	2,0	IRM41043		IRM61043	
104,0 x 53,0	100 x 50	2,0	IRM41053		IRM61053	
104,0 x 63,5	100 x 50	2,0	IRM41063		IRM61063	
104,0 x 73,0	100 x 65	2,0	IRM41073		IRM61073	
104,0 x 84,0	100 x 80	2,0	IRM41084		IRM61084	
129,0 x 73,0	125 x 65	2,0	IRM41273		IRM61273	
129,0 x 84,0	125 x 80	2,0	IRM41284		IRM61284	
129,0 x 104,0	125 x 100	2,0	IRM41210		IRM61210	
154,0 x 73,0	150 x 65	2,0	IRM41573		IRM61573	
154,0 x 84,0	150 x 80	2,0	IRM41584		IRM61584	
154,0 x 104,0	150 x 100	2,0	IRM41510		IRM61510	
154,0 x 129,0	150 x 125	2,0	IRM41512		IRM61512	
204,0 x 104,0	200 x 100	2,0	IRM42010		IRM62010	
204,0 x 129,0	200 x 125	2,0	IRM42012		IRM62012	
204,0 x 154,0	200 x 150	2,0	IRM42015		IRM62015	

ACCESORIOS PARA SOLDAR - ISO



CODO 90° 3D DE TUBO SOLDADO

Ø	Ø mm.	DN	AISI 304L ESP. 2 mm.		AISI 316L ESP. 2 mm.		AISI 316L ESP. 3 mm.	
			COD.	€	COD.	€	COD.	€
1/2"	21,3	15	IC934203		IC936203			
3/4"	26,9	20	IC934204		IC936204			
1"	33,7	25	IC934205		IC936205		IC936305	
1 1/4"	42,4	32	IC934206		IC936206		IC936306	
1 1/2"	48,3	40	IC934207		IC936207		IC936307	
2"	60,3	50	IC934208		IC936208		IC936308	
2 1/2"	76,1	65	IC934209		IC936209		IC936309	
3"	88,9	80	IC93420A		IC93620A		IC93630A	
4"	114,3	100	IC93420C		IC93620C		IC93630C	
5"	139,7	125	IC93420D		IC93620D		IC93630D	
6"	168,3	150	IC93420E		IC93620E		IC93630E	
8"	219,1	200	IC93420F		IC93620F			
10"	273,0	250	IC93420G		IC93620G			
12"	323,9	300	IC93420H		IC93620H			



TE

Ø	Ø mm.	DN	AISI 304L ESP. 2 mm.		AISI 316L ESP. 2 mm.	
			COD.	€	COD.	€
1/2"	21,3	15	IT104203		IT106203	
3/4"	26,9	20	IT104204		IT106204	
1"	33,7	25	IT104205		IT106205	
1 1/4"	42,4	32	IT104206		IT106206	
1 1/2"	48,3	40	IT104207		IT106207	
2"	60,3	50	IT104208		IT106208	
2 1/2"	76,1	65	IT104209		IT106209	
3"	88,9	80	IT10420A		IT10620A	
4"	114,3	100	IT10420C		IT10620C	
5"	139,7	125	IT10420D		IT10620D	
6"	168,3	150	IT10420E		IT10620E	
8"	219,1	200	IT10420F		IT10620F	
10"	273,0	250	IT10420G		IT10620G	
12"	323,9	300	IT10420H		IT10620H	



CAP

Ø	Ø mm.	DN	AISI 304L ESP. 2 mm.		AISI 316L ESP. 2 mm.	
			COD.	€	COD.	€
1/2"	21,3	15	ICA04203		ICA06203	
3/4"	26,9	20	ICA04204		ICA06204	
1"	33,7	25	ICA04205		ICA06205	
1 1/4"	42,4	32	ICA04206		ICA06206	
1 1/2"	48,3	40	ICA04207		ICA06207	
2"	60,3	50	ICA04208		ICA06208	
2 1/2"	76,1	65	ICA04209		ICA06209	
3"	88,9	80	ICA0420A		ICA0620A	
4"	114,3	100	ICA0420C		ICA0620C	
5"	139,7	125	ICA0420D		ICA0620D	
6"	168,3	150	ICA0420E		ICA0620E	
8"	219,1	200	ICA0420F		ICA0620F	
10"	273,0	250	ICA0420G		ICA0620G	
12"	323,9	300	ICA0420H		ICA0620H	



VALONA

Ø	Ø mm.	DN	AISI 304L ESP. 2 mm.		AISI 316L ESP. 2 mm.	
			COD.	€	COD.	€
1/2"	21,3	15	ICT04203		ICT06203	
3/4"	26,9	20	ICT04204		ICT06204	
1"	33,7	25	ICT04205		ICT06205	
1 1/4"	42,4	32	ICT04206		ICT06206	
1 1/2"	48,3	40	ICT04207		ICT06207	
2"	60,3	50	ICT04208		ICT06208	
2 1/2"	76,1	65	ICT04209		ICT06209	
3"	88,9	80	ICT0420A		ICT0620A	
4"	114,3	100	ICT0420C		ICT0620C	
5"	139,7	125	ICT0420D		ICT0620D	
6"	168,3	150	ICT0420E		ICT0620E	
8"	219,1	200	ICT0420F		ICT0620F	
10"	273,0	250	ICT0420G		ICT0620G	
12"	323,9	300	ICT0420H		ICT0620H	



REDUCCIÓN CONCÉNTRICA

Ø	Ø mm.	DN	ALTURA mm.	AISI 304L ESP. 2 mm.		AISI 316L ESP. 2 mm.	
				COD.	€	COD.	€
3/4" x 1/2"	26,9 x 21,3	20 x 15	38	IRC04243		IRC06243	
1" x 1/2"	33,7 x 21,3	25 x 15	51	IRC04253		IRC06253	
1" x 3/4"	33,7 x 26,9	25 x 20	51	IRC04254		IRC06254	
1 1/4" x 1"	42,4 x 33,7	32 x 25	51	IRC04265		IRC06265	
1 1/2" x 1/2"	48,3 x 21,3	40 x 15	64	IRC04273		IRC06273	
1 1/2" x 1"	48,3 x 33,7	40 x 25	64	IRC04275		IRC06275	
1 1/2" x 1 1/4"	48,3 x 42,4	40 x 32	64	IRC04276		IRC06276	
2" x 1/2"	60,3 x 21,3	50 x 15	76	IRC04283		IRC06283	
2" x 3/4"	60,3 x 26,9	50 x 20	76	IRC04284			
2" x 1"	60,3 x 33,7	50 x 25	76	IRC04285		IRC06285	
2" x 1 1/4"	60,3 x 42,4	50 x 32	76	IRC04286		IRC06286	
2" x 1 1/2"	60,3 x 48,3	50 x 40	76	IRC04287		IRC06287	
2 1/2" x 1 1/2"	76,1 x 48,3	65 x 40	89	IRC04297		IRC06297	
2 1/2" x 2"	76,1 x 60,3	65 x 50	89	IRC04298		IRC06298	
3" x 1"	88,9 x 33,7	80 x 25	89	IRC042A5		IRC062A5	
3" x 1 1/2"	88,9 x 48,3	80 x 40	89	IRC042A7		IRC062A7	
3" x 2"	88,9 x 60,3	80 x 50	89	IRC042A8		IRC062A8	
3" x 2 1/2"	88,9 x 76,1	80 x 65	89	IRC042A9		IRC062A9	
4" x 1 1/2"	114,3 x 48,3	100 x 40	102	IRC042C7		IRC062C7	
4" x 2"	114,3 x 60,3	100 x 50	102	IRC042C8		IRC062C8	
4" x 2 1/2"	114,3 x 76,1	100 x 65	102	IRC042C9		IRC062C9	
4" x 3"	114,3 x 88,9	100 x 80	102	IRC042CA		IRC062CA	
5" x 3"	139,7 x 88,9	125 x 80	127	IRC042DA		IRC062DA	
5" x 4"	139,7 x 114,3	125 x 100	127	IRC042DC		IRC062DC	
6" x 4"	168,3 x 114,3	150 x 100	140	IRC042EC		IRC062EC	
6" x 5"	168,3 x 139,7	150 x 125	140	IRC042ED			
8" x 3"	219,1 x 88,9	200 x 80	152			IRC062FA	
8" x 4"	219,1 x 114,3	200 x 100	152	IRC042FC			
8" x 5"	219,1 x 139,7	200 x 125	152	IRC042FD		IRC062FD	
8" x 6"	219,1 x 168,3	200 x 150	152	IRC042FE			
10" x 6"	273,0 x 168,3	250 x 150	178	IRC042GE			
10" x 8"	273,0 x 219,1	250 x 200	178	IRC042GF			
12" x 8"	323,9 x 219,1	300 x 200	203	IRC042HF			
12" x 10"	323,9 x 273,0	300 x 250	203	IRC042HG			



CURVA 90° LONG RADIUS

Ø	Ø EXT mm.	ESPE-SOR	AISI 304L		AISI 316L	
			COD.	€	COD.	€
1/2"	21,3	2,11	I1CL940M		I1CL960M	
3/4"	26,7	2,11	I1CL940T		I1CL960T	
1"	33,4	2,77	I1CL9401		I1CL9601	
1 1/4"	42,2	2,77	I1CL941C		I1CL961C	
1 1/2"	48,3	2,77	I1CL941M		I1CL961M	
2"	60,3	2,77	I1CL9402		I1CL9602	
2 1/2"	73,0	3,05	I1CL942M		I1CL962M	
3"	88,9	3,05	I1CL9403		I1CL9603	
4"	114,3	3,05	I1CL9404		I1CL9604	
5"	141,3	3,40	I1CL9405		I1CL9605	
6"	168,3	3,40	I1CL9406		I1CL9606	
8"	219,1	3,76	I1CL9408		I1CL9608	
10"	273,0	4,19	I1CL9410		I1CL9610	



TE

Ø	Ø EXT mm.	ESPE-SOR	AISI 304L		AISI 316L	
			COD.	€	COD.	€
1/2"	21,3	2,11	I1T4000M		I1T6000M	
3/4"	26,7	2,11	I1T4000T		I1T6000T	
1"	33,4	2,77	I1T40001		I1T60001	
1 1/4"	42,2	2,77	I1T4001C		I1T6001C	
1 1/2"	48,3	2,77	I1T4001M		I1T6001M	
2"	60,3	2,77	I1T40002		I1T60002	
2 1/2"	73,0	3,05	I1T4002M		I1T6002M	
3"	88,9	3,05	I1T40003		I1T60003	
4"	114,3	3,05	I1T40004		I1T60004	
5"	141,3	3,40	I1T40005		I1T60005	
6"	168,3	3,40	I1T40006		I1T60006	
8"	219,1	3,76	I1T40008		I1T60008	



CAP

Ø	Ø EXT mm.	ESPE-SOR	AISI 304L		AISI 316L	
			COD.	€	COD.	€
1/2"	21,3	2,11	I1CC400M		I1CC600M	
3/4"	26,7	2,11	I1CC400T		I1CC600T	
1"	33,4	2,77	I1CC4001		I1CC6001	
1 1/4"	42,2	2,77	I1CC401C		I1CC601C	
1 1/2"	48,3	2,77	I1CC401M		I1CC601M	
2"	60,3	2,77	I1CC4002		I1CC6002	
2 1/2"	73,0	3,05	I1CC402M		I1CC602M	
3"	88,9	3,05	I1CC4003		I1CC6003	
4"	114,3	3,05	I1CC4004		I1CC6004	
5"	141,3	3,40	I1CC4005		I1CC6005	
6"	168,3	3,40	I1CC4006		I1CC6006	
8"	219,1	3,76	I1CC4008		I1CC6008	



STUB END

Ø	Ø EXT mm.	ESPE-SOR	AISI 304L		AISI 316L	
			COD.	€	COD.	€
1/2"	21,3	2,11	I1SE400M		I1SE600M	
3/4"	26,7	2,11	I1SE400T		I1SE600T	
1"	33,4	2,77	I1SE4001		I1SE6001	
1 1/4"	42,2	2,77	I1SE401C		I1SE601C	
1 1/2"	48,3	2,77	I1SE401M		I1SE601M	
2"	60,3	2,77	I1SE4002		I1SE6002	
2 1/2"	73,0	3,05	I1SE402M		I1SE602M	
3"	88,9	3,05	I1SE4003		I1SE6003	
4"	114,3	3,05	I1SE4004		I1SE6004	
5"	141,3	3,40	I1SE4005		I1SE6005	
6"	168,3	3,40	I1SE4006		I1SE6006	
8"	219,1	3,76	I1SE4008		I1SE6008	
10"	273,0	4,19	I1SE4010		I1SE6010	



REDUCCIÓN CONCÉNTRICA

Ø	Ø EXT mm.	AISI 304L		AISI 316L	
		COD.	€	COD.	€
3/4" x 1/2"	26,7 x 21,3	I1R40T0M		I1R60T0M	
1" x 1/2"	33,4 x 21,3	I1R4010M		I1R6010M	
1" x 3/4"	33,4 x 26,7	I1R4010T		I1R6010T	
1 1/4" x 3/4"	42,2 x 26,7	I1R41C0T		I1R61C0T	
1 1/4" x 1"	42,2 x 33,4	I1R41C01		I1R61C01	
1 1/2" x 3/4"	48,3 x 26,7	I1R41M0T		I1R61M0T	
1 1/2" x 1"	48,3 x 33,4	I1R41M01		I1R61M01	
1 1/2" x 1 1/4"	48,3 x 42,2	I1R41M1C		I1R61M1C	
2" x 1"	60,3 x 33,4	I1R40201		I1R60201	
2" x 1 1/4"	60,3 x 42,2	I1R4021C		I1R6021C	
2" x 1 1/2"	60,3 x 48,3	I1R4021M		I1R6021M	
2 1/2" x 1 1/2"	73,0 x 48,3	I1R42M1M		I1R62M1M	
2 1/2" x 2"	73,0 x 60,3	I1R42M02		I1R62M02	
3" x 1 1/2"	88,9 x 48,3	I1R4031M		I1R6031M	
3" x 2"	88,9 x 60,3	I1R40302		I1R60302	
3" x 2 1/2"	88,9 x 73,0	I1R4032M		I1R6032M	
4" x 2"	114,3 x 60,3	I1R40402		I1R60402	
4" x 2 1/2"	114,3 x 73,0	I1R4042M		I1R6042M	
4" x 3"	114,3 x 88,9	I1R40403		I1R60403	
5" x 3"	141,3 x 88,9	I1R40503		I1R60503	
5" x 4"	141,3 x 114,3	I1R40504		I1R60504	
6" x 3"	168,3 x 88,9	I1R40603		I1R60603	
6" x 4"	168,3 x 114,3	I1R40604		I1R60604	
6" x 5"	168,3 x 141,3	I1R40605		I1R60605	
8" x 6"	219,1 x 168,3	I1R40806		I1R60806	

ACCESORIOS PARA SOLDAR - NORMA ASTM - SCH 40S FABRICADO TUBO SOLDADO



CURVA 90° LONG RADIUS

Ø	Ø EXT mm.	ESPESOR	AISI 316L	
			COD.	€
1/2"	21,3	2,77	I4CL960M	
3/4"	26,7	2,87	I4CL960T	
1"	33,4	3,38	I4CL9601	
1 1/4"	42,2	3,56	I4CL961C	
1 1/2"	48,3	3,68	I4CL961M	
2"	60,3	3,91	I4CL9602	
2 1/2"	73,0	5,16	I4CL962M	
3"	88,9	5,46	I4CL9603	
4"	114,3	6,02	I4CL9604	
5"	141,3	6,55	I4CL9605	
6"	168,3	7,11	I4CL9606	
8"	219,1	8,18	I4CL9608	
10"	273,0	9,27	I4CL9610	