



FORGIATURA MODERNA ARESE S.P.A.
 Sede legale: Via Archimede, 57 - 20129 Milano
 Sede Amm. e Stabil.: Via delle Industrie, 17
 20020 Arese (MI) ITALY
 Cap. Soc. € 10.000.000,00 int. vers.
 R.E.A. MI 0964976 - Registro Imprese Milano 175770
 C.F. e P.IVA IT03678880158 - PEC: fmaspa@legalmail.it
 Tel. 02.934519.1 - Fax 02.9384234 / 02.93581721
 www.fmaspa.it - e-mail: fmaspa@fmaspa.it



FUCINATI IN ACCIAIO - ANELLI LAMINATI - TRATT. TERMICI - LAV. MECC. | STEEL FORGINGS - ROLLED RINGS - HEAT TREAT. - MACHINING

FMA QUOTATION 23-OC0963

Item	Article Number	Name	Drawing Number	Quantity (total)	TechData	Material	Add. Requirements	Category	Test	Weight [kg] (total)	Remarks	Unit Price	Total Price
1	A0530200	cover	Z1054873	2	ø860 x 173	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1291,34	Machined according drawing	16.800,00 €	33.600,00 €
2	A0530202	chamber	Z1054873	2	ø860/580x63 x 600	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1628,2	Machined according drawing	31.350,00 €	62.700,00 €
3	A0530252	reducer	Z1054872	4	Type A/ø580x15/ø395x5x165	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	293,05	Machined according drawing	5.400,00 €	21.600,00 €
4	A0530284	tubesheet inlet	Z1054869	2	ø580x 255	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	661,15	Machined according drawing	25.150,00 €	50.300,00 €
5	A0530285	tubesheet outlet	Z1054870	2	ø580x 255	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	661,15	Machined according drawing	25.000,00 €	50.000,00 €
6	A0530364	nozzle N1/N2	Z1055107	4	ø170/88.9x10 x 225	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	72,23	Machined according drawing	1.520,00 €	6.080,00 €
7	A0530438	chamber	Z1054873	2	ø860/580x63 x 600	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1606,73	Machined according drawing	32.100,00 €	64.200,00 €
8	A0530439	cover	Z1054873	2	ø860 x 170	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1278,43	Machined according drawing	16.500,00 €	33.000,00 €
9	A0530057	tubesheet inlet	Z1054924	1	70x ø600	X6CrNiNb18-10 (1.4550)	DMS 003 Rev.1	D3	N/A	113,1	Machined according drawing	8.900,00 €	8.900,00 €
10	A0530058	tubesheet outlet	Z1054923	1	70x ø600	X6CrNiNb18-10 (1.4550)	DMS 003 Rev.1	D3	N/A	113,16	Machined according drawing	8.950,00 €	8.950,00 €
11	A0530315	flange	Z1054845	2	ø710/580 x 74	P355NH (1.0565)	DMS 005 Rev.1	D3	N/A	89,16	Machined according drawing	1.950,00 €	3.900,00 €
12	A0530357	chamber	Z1054898	4	ø556/375/289 x 520	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1146,55	Machined according drawing	12.750,00 €	51.000,00 €
13	A0530358	shell forged	Z1054897	4	ø440x60/375x43 x 4804	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	6865,05	Machined according drawing	63.700,00 €	254.800,00 €
14	A0531084	U-tube	Z1054897	2	ø440x60 x 1730 (R=550)	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	756,11	Machined according drawing	15.000,00 €	30.000,00 €
15	A0531085	U-tube	Z1054897	2	ø440x60 x 1730 (R=550)	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1187	Machined according drawing	49.500,00 €	99.000,00 €
16	A0531086	cover	Z1054898	4	ø556x 140	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	888,21	Machined according drawing	8.085,00 €	32.340,00 €
17	A0530355	tubesheet #1	Z1054934	2	ø375x245	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	233,29	Machined according drawing	8.625,00 €	17.250,00 €
18	A0530356	tubesheet #2	Z1054935	2	ø375x245	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	233,29	Machined according drawing	8.480,00 €	16.960,00 €
19	A0530787	chamber	Z1054894	8	120x ø1190 x 793	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	17938,71	Machined according drawing Not consider Material CLAD	18.000,00 €	144.000,00 €
20	A0530791	cover	Z1054894	4	ø1190x 150	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	5038,48	Machined according drawing Not consider Material CLAD	13.055,00 €	52.220,00 €
21	A0530827	nozzle N1/ N2	Z1055109	8	ø424x54/358x21 x 261	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	863,12	Machined according drawing Not consider Material CLAD	1.300,00 €	10.400,00 €
22	A0530828	nozzle N1	Z1055109	4	ø358x27.05/323.9x10 x 128	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	75,6	Machined according drawing	855,00 €	3.420,00 €
23	A0531183	cover	Z1054894	4	ø1190x 150	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	5043,58	Machined according drawing Not consider Material CLAD	12.885,00 €	51.540,00 €
24	A0531847	nozzle N2	Z1055109	4	ø358x27.05/323.9x10 x 105	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	55,29	Machined according drawing	750,00 €	3.000,00 €
25	A0531882	tubesheet outlet	Z1054931	4	ø1050x 245	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	2776,65	Machined according drawing (without holes) Not consider Material CLAD	12.130,00 €	48.520,00 €
26	A0532544	tubesheet inlet	Z1054930	4	ø1050x 245	15MnNi63 (1.6210)	DMS 036 Rev.2	D2	A1	2777,18	Machined according drawing (without holes) Not consider Material CLAD	11.885,00 €	47.540,00 €
27	A0529974	nozzle N5/N6/N7/N8	Z1054844, Z1055094	4	ø50/33.7x3.20 x 172	P355NH (1.0565)	DMS 005 Rev.1	D3	N/A	5,45	Machined according drawing	150,00 €	600,00 €
28	A0530365	nozzle N5/N7	Z1055107	4	ø70/33.7x3.60 x 125	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	4,86	Machined according drawing	205,00 €	820,00 €
29	A0531103	nozzle N1/N2/N3/N4	Z1055111	8	ø153/88.9x8.80 x 208	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	109,58	Machined according drawing	840,00 €	6.720,00 €
30	A0521129	cover	Z1054897	4	37 x ø206	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	30,81	Machined according drawing	605,00 €	2.420,00 €
31	A0530831	nozzle N5/N6	Z1055109	8	ø60/42x4.15 x 100	WS6 3555 (1.1337)	DMS 037 Rev.1	D2	A1	10,18	Machined according drawing	90,00 €	720,00 €
32	A0531846	nozzle N7/ N8	Z1055109	8	ø50/33.7x3.20 x 175	WS6 3555 (1.1337)	DMS 037 Rev.1	D2	A1	12,50	Machined according drawing	130,00 €	1.040,00 €
33	A0530372	nozzle N6/N8	Z1055107	4	ø40/33.7x3.20 x 65	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1,304	Machined according drawing	100,00 €	400,00 €
34	A0531087	nozzle N5/N6/N7/N8/N9	Z1055111	10	ø60/33.7x3.60 x 210	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	24,79	Machined according drawing	370,00 €	3.700,00 €
35	A0530792	Pipe	Z1054894	4	ø33.7 x 102	X6CrNiNb18-10 (1.4550)	DMS 022 Rev.2	D2	A1	1,376	Machined according drawing	100,00 €	400,00 €



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 C.F. e P.IVA IT 03678880158 - PEC: fmcspa@pec.galimail.it
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36	A0531134	nozzle M1/M2	Z1055111	4	ø196 x 98	X6C-NIN618-10 (1.4550)	DMS 022 Rev.2	D2	A1	56,16	Machined according drawing	905,00 €	3.620,00 €
37	A0532224	nozzle N3/N4 - bottom	Z1055107	4	15x ø287,4 x 155	X6C-NIN618-10 (1.4550)	DMS 022 Rev.2	D2	A1	53,29	Machined according drawing	1.520,00 €	6.080,00 €
38	A0531845	nozzle N3/N4	Z1055109	8	ø540x24/508x8 x 371	W5E 355 S (1.1337)	DMS 037 Rev.1	D2	A1	716,64	Machined according drawing	1.495,00 €	11.960,00 €
39	A0532418	nozzle N6/N8 - top	Z1055107	4	ø33.7xø3.20 x 70	W5E 355 S (1.1337)	DMS 037 Rev.1	D2	A1	0,67	Machined according drawing	55,00 €	220,00 €
40	A0530237	half ring	Z1054875	4	180x ø102/842	W5E 355 S (1.1337)	DMS 037 Rev.1	D2	A1	843,668	Machined according drawing	2.795,00 €	11.180,00 €
41	-	Test Sample (Tubesheet+Tube bundle Weld)	Z1054924	2	T=70 x W=350 x L=600	1.4550	DMS 003 Rev.1	D3	N/A	235,2	Related to A0530057 (PRC)	2.280,00 €	4.560,00 €
42	-	Test Sample (Tubesheet weld with chamber or shell)	Z1054924	2	ø600 x ø150 x L=300	1.4550	DMS 003 Rev.1	D3	N/A	89,0	Related to A0530057 (PRC)	2.845,00 €	5.690,00 €
43	-	Test Sample (Tubesheet+Tube bundle Weld)	Z1054930	4	T=100 x W=510 x L=510	15MnNi63	DMS 036 Rev.2	D2	A1	832,3	Related to A0530882 (RSHE)	1.365,00 €	5.460,00 €
44	-	Test Sample (Tubesheet weld with chamber)	Z1054930	2	ø1050 x ø190 x L=300	15MnNi63	DMS 036 Rev.2	D2	A1	754,0	Related to A0532544 (RSHE)	2.430,00 €	4.860,00 €
45	-	Test Sample (Tubesheet weld with chamber)	Z1054894	2	ø1050 x ø190 x L=300	15MnNi63	DMS 036 Rev.2	D2	A1	754,0	Related to A0530787 (RSHE)	2.430,00 €	4.860,00 €
46	-	Test Sample (Dissimilar weld Nozzle N1/N2)	Z1055109	4	ø424 x ø1316 x L=250	15MnNi63	DMS 036 Rev.2	D2	A1	1044,4	Related to A0530827 (RSHE)	780,00 €	3.120,00 €
47	-	Test Sample (Dissimilar weld Nozzle N1)	Z1055109	2	ø158 x ø1303,9 x L=200	1.4550	DMS 022 Rev.2	D2	A1	90,0	Related to A0530828 (RSHE)	1.150,00 €	2.300,00 €
48	-	Test Sample (Dissimilar weld Nozzle N2)	Z1055109	2	ø158 x ø1303,9 x L=200	1.4550	DMS 022 Rev.2	D2	A1	90,0	Related to A0531847 (RSHE)	1.150,00 €	2.300,00 €
49	-	Test Sample (Nozzle N5/N6)	Z1055109	4	ø60 x ø42 x L=200	W5E 355S	DMS 037 Rev.1	D2	A1	9,2	Related to A0530831 (RSHE)	130,00 €	520,00 €
50	-	Test Sample (Tubesheet+Tube bundle Weld)	Z1054934	2	T=100 x W=300 x L=300	1.4550	DMS 022 Rev.2	D2	A1	144,0	Related to A0530355 (RCHE)	1.500,00 €	3.000,00 €
51	-	Test Sample (Shell)	Z1054897	1	T=100 x W=100 x L=300	1.4550	DMS 022 Rev.2	D2	A1	24,0	Related to A0530358 (RCHE)	565,00 €	565,00 €
52	-	Test Sample (Chamber)	Z1054898	2	T=100 x W=250 x L=350	1.4550	DMS 022 Rev.2	D2	A1	140,0	Related to A0530357 (RCHE)	1.375,00 €	2.750,00 €
53	-	Test Sample (Shell)	Z1054897	2	T=100 x W=210 x L=410	1.4550	DMS 022 Rev.2	D2	A1	137,8	Related to A0530358 (RCHE)	1.325,00 €	2.650,00 €
54	-	Test Sample (Nozzles N5 to N9)	Z1055111	4	ø60 x ø133,7 x L=200	1.4550	DMS 022 Rev.2	D2	A1	12,4	Related to A0531087 (RCHE)	255,00 €	1.020,00 €
55	-	Test Sample (Nozzles N1 to N4)	Z1055111	4	ø153 x ø171,3 x L=200	1.4550	DMS 022 Rev.2	D2	A1	92,1	Related to A0531103 (RCHE)	680,00 €	2.720,00 €
56	-	Test Sample (Nozzles M1/M2)	Z1055111	4	ø196 x ø110 x L=200	1.4550	DMS 022 Rev.2	D2	A1	132,3	Related to A0531134 (RCHE)	1.080,00 €	4.320,00 €
57	-	Test Sample (Support Weld KS.1)	Z1054898	1	T=100 x W=300 x L=300	1.4550	DMS 022 Rev.2	D2	A1	72,0	Related to A0530357 (RCHE)	1.500,00 €	1.500,00 €
58	-	Test Sample (Tubesheet+Tube bundle Weld)	Z1054869	3	T=100 x W=300 x L=500	1.4550	DMS 022 Rev.2	D2	A1	360,0	Related to A0530284 (HPC)	2.165,00 €	6.495,00 €
59	-	Test Sample (Tubesheet weld with chamber)	Z1054873	2	ø1580 x T=63 x L=300	1.4550	DMS 022 Rev.2	D2	A1	491,2	Related to A0530202 (HPC)	3.945,00 €	7.890,00 €
60	-	Test Sample (Tubesheet weld with chamber)	Z1054869	2	ø1580 x T=63 x L=300	1.4550	DMS 022 Rev.2	D2	A1	491,2	Related to A0530284 (HPC)	3.945,00 €	7.890,00 €
61	-	Test Sample (Dissimilar weld Nozzles N3/N4)	Z1055107	2	T=15 x ø287,4 x L=200	1.4550	DMS 022 Rev.2	D2	A1	41,1	Related to A0532224 (HPC)	1.360,00 €	3.920,00 €
62	-	Test Sample (Nozzles N1/N2)	Z1055107	4	ø170 x ø171,3 x L=200	1.4550	DMS 022 Rev.2	D2	A1	119,7	Related to A0530364 (HPC)	735,00 €	2.940,00 €
63	-	Test Sample (Nozzles N5/N7)	Z1055107	4	ø170 x ø126,5 x L=200	1.4550	DMS 022 Rev.2	D2	A1	21,1	Related to A0530365 (HPC)	250,00 €	1.000,00 €
64	-	Test Sample (Nozzles N1/N2)	Z1054873	2	T=63 x W=200 x L=420	1.4550	DMS 022 Rev.2	D2	A1	84,7	Related to A0530202 (HPC)	1.030,00 €	2.060,00 €
65	-	Test Sample (Nozzles N5/N7)	Z1054873	2	T=63 x W=80 x L=200	1.4550	DMS 022 Rev.2	D2	A1	16,1	Related to A0530202 (HPC)	335,00 €	670,00 €

COST FOR INSPECTION WITH TDV

27.000,00 €

ALL IN COMPLIANCE WITH YOUR SPECIFICATIONS

1.367.160,00 €

DELIVERY TERMS: CIF RIO DE JANEIRO - Incoterms 2020-

DELIVERY TIME: TO BE AGREED

- PAYMENT:
- 30% AFTER ISSUANCE OF THE PIT
 - 30% UPON ARRIVAL OF THE RAW MATERIAL TO THE CONTRACTOR
 - 20% AT THE END OF MANUFACTURING - AGAINST COPY OF MTCs
 - 20% AFTER APPROVAL OF ALL THE DOCUMENTATION