

Production Part Approval
DIMENSIONAL TEST RESULTS

31110

Organization:	GETRAG	Part Number:	250.0.3315.21
Supplier/Vendor Code:	GETRAG Modugno	Part Name:	TRANSMISSION HOUSING
INSPECTION FACILITY:	NA	Design Record Change Level:	Final Index 'a'
		Engineering Change Documents:	

Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	Organization Measurement Results (Data)					Ok	Not Ok
						PSW1	PSW2	PSW3	PSW4	PSW5		
1	Planarità flangia H	0.000	0.050		5	0.034	0.031	0.033	0.028	0.029	ok	
2	Planarità flangia H/100	0.000	0.030		5	0.007	0.013	0.005	0.006	0.023	ok	
3	Diametro J - R	10.005	9.990		5	9.997	9.997	9.995	9.997	9.997	ok	
4	Posizione J - R	0.000	0.060		5	0.026	0.022	0.014	0.038	0.059	ok	
5	Diametro L - S	62.000	62.030		5	62.007	62.007	62.003	62.007	62.008	ok	
6	Posizione L - S	0.000	0.050		5	0.032	0.028	0.016	0.016	0.028	ok	
7	Diametro D	62.000	62.019		5	62.007	62.008	62.007	62.007	62.008	ok	
8	Diametro F Ø65	65.080	65.061		5	65.061	65.061	65.064	65.059	65.059	ok	
9	Posizione F Ø65	0.000	0.050		5	0.014	0.015	0.010	0.014	0.016	ok	
10	Altezza F Ø65	26.020	26.180		5	26.055	26.054	26.062	26.055	26.056	ok	
11	Diametro F3	55.000	55.046		5	55.023	55.022	55.031	55.022	55.023	ok	
12	Rotondità D	0.000	0.010		5	0.010	0.009	0.007	0.011	0.007	ok	
13	Rotondità L - S	0.000	0.010		5	0.009	0.010	0.009	0.001	0.010	ok	
14	Rotondità F	0.000	0.010		5	0.009	0.008	0.007	0.009	0.010	ok	
15	Linearità D	0.000	0.006		5	0.003	0.003	0.003	0.007	0.002	ok	
16	Linearità L - S	0.000	0.006		5	0.003	0.002	0.003	0.003	0.003	ok	
17	Linearità F	0.000	0.006		5	0.004	0.004	0.002	0.004	0.004	ok	
18	Interasse F/L	128.575	128.625		5	128.600	128.601	128.606	128.602	128.598	ok	
19	Interasse F/S	126.925	126.975		5	126.933	126.936	126.958	126.938	126.932	ok	
20	Interasse D/S	96.025	95.975		5	96.000	96.001	95.994	96.001	96.001	ok	
21	Interasse D/L	80.025	79.975		5	79.995	79.995	79.992	79.996	79.996	ok	
22	Interasse D/F	188.025	187.975		5	187.992	187.994	188.005	187.996	187.991	ok	
23	Diametro DG1 - DG3	10.040	10.025		5	10.036	10.035	10.040	10.036	10.036	ok	
24	Posizione DG1 - DG3	0.000	0.050		5	0.033	0.031	0.019	0.033	0.030	ok	
25	Diametro DG2 - DG4	8.040	8.025		5	8.026	8.026	8.031	8.026	8.025	ok	
26	Posizione DG2 - DG4	0.000	0.050		5	0.036	0.035	0.043	0.038	0.036	ok	
27	Diametro SD1 - SD2	16.000	15.984		5	15.999	15.998	15.990	15.999	15.999	ok	
28	Posizione SD1 - SD2	0.000	0.050		5	0.050	0.050	0.044	0.050	0.050	ok	
30	Diametro SR_3 - SR_2_6	13.000	13.018		5	13.009	13.009	13.009	13.013	13.005	ok	
31	Posizione SR_3 - SR_2_6	0.000	0.100		5	0.032	0.035	0.052	0.042	0.038	ok	
32	Diametro SR_R_4 - SR_5_1	10.000	10.015		5	10.010	10.005	10.006	10.005	10.005	ok	
33	Posizione SR_R_4 - SR_5_1	0.000	0.100		5	0.060	0.072	0.036	0.055	0.057	ok	
34	Diametro P	18.000	18.018		5	18.011	18.012	18.009	18.011	18.011	ok	
35	Posizione P	0.000	0.100		5	0.020	0.018	0.048	0.023	0.022	ok	
36	Altezza 1 P	24.640	24.440		5	24.538	24.534	24.521	24.539	24.541	ok	

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INSPECTION FACILITY: NA	Design Record Change Level: Final Index 'a'
	Engineering Change Documents: _____

						Organization Measurement Results (Data)					Ok	Not Ok
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
37	Altezza 2 P	38.190	38.090		5	38.093	38.094	38.133	38.090	38.097	ok	
38	Diametro P1	12.050	12.032		5	12.044	12.044	12.043	12.044	12.044	ok	
39	Posizione P1	0.000	0.100		5	0.036	0.036	0.060	0.039	0.039	ok	
40	Altezza P1	24.790	24.690		5	24.783	24.776	24.737	24.782	24.785	ok	
41	Posizione filettature ES1 - ES2 - ES3 - ES4	0.000	0.400		5	0.380	0.366	0.331	0.400	0.378	ok	
42	Diametro E1 - E2	34.075	34.050		5	34.067	34.067	34.065	34.068	34.068	ok	
43	Posizione E1 - E2	0.000	0.060		5	0.050	0.047	0.051	0.060	0.060	ok	
44	Diametro 2 fori E1 - E2	37.600	37.639		5	37.623	37.622	37.626	37.624	37.624	ok	
45	Concentricità E1 - E2	0.000	0.200		5	0.004	0.004	0.019	0.005	0.005	ok	
46	Rettangolarità E1 - E2	0.000	0.050		5	0.005	0.005	0.020	0.005	0.005	ok	
47	Posizione filettatura W2	0.000	0.400		5	0.170	0.185	0.211	0.156	0.154	ok	
48	Posizione filettatura M1 - M2 - M3 - M4	0.000	0.400		5	0.207	0.190	0.216	0.212	0.212	ok	
49	Posizione filettatura UM18	0.000	0.400		5	0.091	0.116	0.230	0.083	0.103	ok	
50	Rettangolarità UM18	0.000	0.100		5	0.010	0.012	0.007	0.009	0.003	ok	
51	Diametro T1 - T2	13.850	13.893		5	13.870	13.870	13.872	13.870	13.870	ok	
52	Posizione T1 - T2	0.000	0.100		5	0.034	0.032	0.096	0.036	0.039	ok	
53	Posizione filettatura T3 - T4	0.000	0.400		5	0.196	0.178	0.335	0.144	0.149	ok	
54	Angolo smusso T1 - T2	12°	18°		1	14.92°					ok	
55	Profondità smusso T1 - T2	2.500	3.400		1	2.960					ok	
56	Angolo smusso J - R	27°	33°		1	29.8°					ok	
57	Profondità smusso J - R	0.700	1.300		1	1.021					ok	
58	Angolo smusso P	27°	33°		1	30.51°					ok	
59	Altezza smusso P	0.700	1.300		1	1.019					ok	
60	Angolo smusso P1	27°	33°		1	30.107°					ok	
61	Altezza smusso P1	0.700	1.300		1	0.921					ok	
62	Angolo smusso F Ø55	27°	33°		1	27.604°					ok	
63	Altezza smusso F Ø55	0.700	1.300		1	1.028					ok	
64	Angolo smusso F Ø64	27°	33°		1	29.894°					ok	
65	Angolo smusso F Ø65	27°	33°		1	30.163°					ok	
66	Angolo smusso D	27°	33°		1	29.853°					ok	
67	Angolo smusso L - S	27°	33°		1	29.666°					ok	
68	Angolo smusso SD1 - SD2	42°	48°		1	44.975°					ok	
69	Profondità smusso SD1 - SD2	1.700	2.300		1	1.702					ok	
70	Angolo smusso DG1 - DG3	27°	33°		1	30.189°					ok	

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Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
71	Profondità smusso DG1 - DG3	0.700	1.300		1	1.000						ok
72	Angolo smusso DG2 - DG4	27°	33°		1	30.125°						ok
73	Profondità smusso DG2 - DG4	0.700	1.300		1	0.993						ok
74	Angolo smusso SR_3 - SR_2_6	27°	33°		1	28.877°						ok
75	Angolo smusso SR_R_4 - SR_5_1	27°	33°		1	29.516°						ok
76	Angolo smusso 1 E1 - E2	19°	21°		1	19.034°						ok
77	Angolo smusso 2 E1 - E2	27°	33°		1	28.593°						ok
78	Angolo smusso 3 E1 - E2	57°	63°		1	57.58°						ok
79	Profondità J / R	11.900	12.100		5	11.980	11.990	11.900	11.980	11.980		ok
80	Altezza battuta D Ø55.9	196.800	197.200		5	196.850	196.850	196.860	196.870	196.860		ok
81	Altezza battuta D Ø62	4.450	4.650		5	4.480	4.470	4.430	4.470	4.470		ok
82	Rugosità flangia H Rz	8.000	16.000		5	8.000	8.000	8.000	8.100	9.500		ok
83	Rugosità flangia H Rmax	-	25.000		5	13.000	12.500	10.300	13.900	15.300		ok
84	Rugosità foro F Rz	10.000	16.000		5	11.500	11.500	11.300	11.500	12.700		ok
85	Rugosità foro F Rmax	-	25.000		5	2.590	2.620	1.180	2.630	2.620		ok
86	Rugosità foro J / R Rz	-	10.000		1	3.267						ok
87	Rugosità foro D Rz	-	6.300		1	1.888						ok
88	Raggio battuta L - S	0.200	0.600		1	0.518						ok
89	Raggio battuta F	0.200	0.600		1	0.456						ok
90	Profondità F Ø64	4.800	5.200		1	5.100						ok
91	Raggio battuta FØ64	0.200	0.600		1	0.430						ok
92	Altezza smusso F Ø55	0.800	1.300		1	1.057						ok
93	Raggio battuta D Ø55	0.200	0.600		1	0.419						ok
94	Raggio battuta D Ø62	0.200	0.600		1	0.407						ok
95	Altezza foro D Ø62	14.000	14.600		1	14.290						ok
96	Altezza foro F Ø65	13.600	14.200		1	13.847						ok
97	Altezza foro L ad H	191.950	192.050		1	191.970						ok
98	Altezza foro L / S	12.430	12.570		1	12.500						ok
99	Altezza foro S ad H	170.150	170.250		1	170.200						ok
100	Altezza foro D Ø62 ad H	194.450	194.550		1	194.450						ok
101	Altezza foro D ad H	177.100	117.300		1	177.100						ok
102	Rugosità fori L - S	-	6.300		1	0.800						ok
103	Altezza battuta SR3	178.300	178.500		5	178.350						ok
104	Altezza battuta SR2	195.800	196.000		5	195.850	195.850	195.860	195.860	195.850		ok

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Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	Organization Measurement Results (Data)					Ok	Not Ok
						PSW1	PSW2	PSW3	PSW4	PSW5		
105	Altezza battuta SR4	114.800	115.000		5	114.860	114.850	114.870	114.860	114.850	ok	
106	Altezza battuta SR5	163.300	163.500		5	163.400	163.430	163.380	163.420	163.370	ok	
107	Altezza battuta DG1 - DG4	28.550	28.750		5	28.600	28.620	28.590	28.630	28.620	ok	
108	Altezza battuta DG2 - DG3	21.950	22.150		5	22.020	22.030	22.110	22.030	22.020	ok	
109	Altezza battuta P Ø18	12.000	-		5	13.540	13.450	13.490	13.220	13.490	ok	
110	Altezza battuta P1	20.250	20.750		5	20.350	20.350	20.350	20.350	20.360	ok	
111	Rugosità DG1 - DG2 - DG3 - DG4	-	16.000		1	1.213					ok	
112	Rugosità P1	-	10.000		1	0.734					ok	
113	Rugosità flangia P1	-	25.000		1	10.050					ok	
114	Rugosità P	-	10.000		1	0.529					ok	
115	Rugosità flangia P	-	25.000		1	6.977					ok	
116	Rugosità E1 / E2	-	16.000		1	0.304					ok	
117	Rugosità SR3 - SRR4 - SR2_6 - SR5_1	-	16.000		1	9.904					ok	
118	Altezza SD2 ad H	54.100	54.300		1	54.100					ok	
119	Altezza SD2	53.500	53.900		1	53.600					ok	
120	Altezza finagia SD2 ad H	40.850	40.950		1	40.900					ok	
121	Altezza SD1 ad H	64.100	64.300		1	64.130					ok	
122	Altezza SD1	63.500	63.900		1	63.590					ok	
123	Altezza finagia SD1 ad H	50.850	50.950		1	50.950					ok	
124	Altezza flangia DG1 - DG4 a H	19.150	19.250		1	19.220					ok	
125	Altezza flangia DG2 - DG3 a H	13.950	14.050		1	14.010					ok	
126	Rugosità SD1 - SD2	-	10.000		1	3.500					ok	
127	Profondità filettatura ES1 - ES2	-	20.000		1	20.950					ok	
128	Profondità foro ES1 - ES2	-	24.000		1	23.800					ok	
129	Altezza ES2	31.950	32.050		1	32.050					ok	
130	Raggio battuta DG1 - DG4	0.600	1.000		1	0.897					ok	
131	Raggio battuta DG2 - DG3	0.600	1.000		1	0.761					ok	
132	Raggio battuta P	0.600	1.000		1	0.827					ok	
133	Raggio battuta SD1 - SD2	0.600	1.000		1	0.860					ok	
134	Raggio lamatura DS1 - SD2	0.200	0.600		1	0.200					ok	
135	Ø Smusso tappo olio	18.500	18.800		1	18.718					ok	
136	Angolo smusso tappo olio	27°	33°		1	32.786°					ok	
137	Profondità foro W2	-	18 max		1	18.000					ok	
138	Profondità fori M1 - M3 - M4	-	31 max		1	31.000					ok	

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Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
141	Profondità fori T2 - T4	-	18 max		1	18.000						ok
142	Filettatura H17,H18	OK	NOK		5	OK	OK	OK	OK	OK		ok
143	Profondità H17,H18	OK	NOK		5	OK	OK	OK	OK	OK		ok
144	Filettatura ES2,ES4	OK	NOK		5	OK	OK	OK	OK	OK		ok
145	Filettatura ES1	OK	NOK		5	OK	OK	OK	OK	OK		ok
146	Filettatura M1-M2-M3-M4	OK	NOK		5	OK	OK	OK	OK	OK		ok
147	Filettatura OL	OK	NOK		5	OK	OK	OK	OK	OK		ok
148	Filettatura W2	OK	NOK		5	OK	OK	OK	OK	OK		ok
149	Filettatura T3-T4	OK	NOK		5	OK	OK	OK	OK	OK		ok
150	Angolo J - R	65.368°	65.738°		1	65.633						ok
151	Concentricità F Ø55	0.000	0.050		1	0.009						ok
152	Altezza F - H	38.500	38.700		1	38.549						ok
153	Foro F Ø64	63.700	64.300		1	64.046						ok
154	Parallelismo F rispetto ad H	0.000	0.030		1	0.026						ok
155	Foro D Ø55	55.850	55.950		1	55.924						ok
156	Perpendicolarità foro D	0.000	0.030		1	0.006						ok
157	Perpendicolarità foro F	0.000	0.030		1	0.003						ok
158	Perpendicolarità S - L	0.000	0.030		1	0.005						ok
159	Altezza flangia L2	195.300	195.700		1	195.478						ok
160	Altezza flangia S2	173.500	173.900		1	173.687						ok
161	Perpendicolarità J - R	0.000	0.030		1	0.005						ok
162	Perpendicolarità DG1 - DG2 - DG3 - DG4	0.000	0.050		1	0.020						ok
163	Altezza ES1 ad H	70.650	70.750		1	70.667						ok
164	Perpendicolarità SR5 - SR2 - SR3 - SR4	0.000	0.050		1	0.009						ok
165	Rugosità lamatura M1 - 2 - 4	-	25.000		1	7.289						ok
166	Altezza lamatura M2	127.900	128.100		1	128.008						ok
167	Altezza lamatura M3	134.900	135.100		1	135.100						ok
168	Altezza lamatura M4	135.670	135.870		1	135.746						ok
169	Altezza lamatura M1	135.670	135.870		1	135.657						ok
170	Planarità flangia OL	0.000	0.030		1	0.025						ok
171	Altezza flangia OL	36.800	37.600		1	37.125						ok
172	Altezza flangia W2	197.980	198.380		1	198.023						ok
173	Posizione foro F Ø64	0.000	0.400		1	0.021						ok
174	Diametro J - R Ø9	9.000	9.300		1	9.300						ok
175	Altezza Smusso - battuta fori L - S	10.400	11.000		1	10.900						ok

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		PSW1	PSW2			PSW3	PSW4	PSW5				
176	Raggio M2 - M3	0.200	0.600		1	0.542					ok	
177	Raggio profilo T3	10.800	11.200		1	11.034					ok	
178	Raggio profilo T1	10.800	11.200		1	10.807					ok	
179	Raggio profilo T4	10.800	11.200		1	11.193					ok	
180	Raggio T4	0.200	0.600		1	0.402					ok	
181	Diametro fresatura flangia OL	27.700	28.300		1	28.300					ok	
182	Angolo SD1 9°	8.8°	9.4°		1	9.4°					ok	
183	Angolo SD1 - SD2 100°	97°	103°		1	102.414°					ok	
184	Angolo SD1 25°	25.6°	26.2°		1	25.912°					ok	
185	Angolo SD1 - SD2 100°	97°	103°		1	100.281°					ok	
186	Raggio SD1 - SD2 I	2.800	3.200		1	3.013					ok	
187	Raggio SD1 - SD2 II	2.800	3.200		1	3.200					ok	
188												
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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

=====

DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Partipilo | 6. 9.2012 | PZ 2 | 315_FO.21 | | 17: 7:56

TEMP. PEZZO 24.36

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.034	0.050				+++
#H_PLA/100		t	0.007	0.030				+
#BO_J_Z		Z	146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X		X	76.161	76.161	0.030	-0.030	-0.000	+-
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.026	0.060				++
#BO_R_Z		Z	-175.971	-176.000	0.030	-0.030	0.029	++++
#BO_R_X		X	-70.493	-70.500	0.030	-0.030	0.007	+
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P		td	0.060	0.060				++++
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z		Z	-70.334	-70.330	0.025	-0.025	-0.004	-
#BO_L__1X		X	-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__2Z		Z	-70.334	-70.330	0.025	-0.025	-0.004	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.017	0.050				++
#FL_L1__Y		Y	192.027	192.000	0.050	-0.050	0.027	+++
#BO_S__1Z		Z	15.890	15.906	0.025	-0.025	-0.016	---
#BO_S__1X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z		Z	15.890	15.906	0.025	-0.025	-0.016	---
#BO_S__2X		X	-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.032	0.050				+++
#BO_F__1Z		Z	-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X		X	-165.267	-165.274	0.025	-0.025	0.007	++
#BO_F__1D		D	65.069	65.000	0.080	0.061	0.059	-0.002
#BO_F__2Z		Z	-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__2X		X	-165.268	-165.274	0.025	-0.025	0.006	+

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	-0.000
#BO_F__1P	td	0.014	0.050				++
#FL_F1__Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.010	0.010				++++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.003	0.006				+++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.600	128.600	0.025	-0.025	-0.000	+-
#BO_F/S_PO	R	126.933	126.950	0.025	-0.025	-0.017	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.992	188.000	0.025	-0.025	-0.008	--
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	-
#BO_DG1__X	X	20.226	20.223	0.025	-0.025	0.003	+
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.012	0.050				+
#BO_DG2__Z	Z	62.142	62.138	0.025	-0.025	0.004	+
#BO_DG2__X	X	53.527	53.523	0.025	-0.025	0.004	+
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG2__P	td	0.012	0.050				+
#BO_DG3__Z	Z	4.563	4.545	0.025	-0.025	0.018	+++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	0.000	+-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.036	0.050				+++
#BO_DG4__Z	Z	-37.421	-37.437	0.025	-0.025	0.016	+++
#BO_DG4__X	X	84.997	84.997	0.025	-0.025	-0.000	+-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.033	0.050				+++
#BO_SD1__Z	Z	122.736	122.758	0.025	-0.025	-0.022	----
#BO_SD1__X	X	-18.897	-18.886	0.025	-0.025	-0.011	--
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.048	0.050				++++
#BO_SD2__Z	Z	-89.518	-89.538	0.025	-0.025	0.020	++++

#BO_SD2__X	X	91.475	91.458	0.025	-0.025	0.017	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.052	0.050				0.002
#BO_SR2__Z	Z	-56.685	-56.700	0.050	-0.050	0.015	++
#BO_SR2__X	X	42.729	42.733	0.050	-0.050	-0.004	-
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	+
#BO_SR2__P	td	0.030	0.100				++
#BO_SR3__Z	Z	64.885	64.900	0.050	-0.050	-0.015	--
#BO_SR3__X	X	-28.894	-28.887	0.050	-0.050	-0.007	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.032	0.100				++
#BO_SR4__Z	Z	94.146	94.176	0.050	-0.050	-0.030	---
#BO_SR4__X	X	-70.203	-70.200	0.050	-0.050	-0.003	-
#BO_SR4__D	D	10.011	10.000	0.015	0.000	0.011	++
#BO_SR4__P	td	0.060	0.100				+++
#BO_SR5__Z	Z	-106.825	-106.831	0.050	-0.050	0.006	+
#BO_SR5__X	X	35.308	35.302	0.050	-0.050	0.006	+
#BO_SR5__D	D	10.010	10.000	0.015	0.000	0.010	++
#BO_SR5__P	td	0.017	0.100				+
#BO_P___Z	Z	104.553	104.550	0.050	-0.050	0.003	+
#BO_P___X	X	-117.248	-117.257	0.050	-0.050	0.009	+
#BO_P___D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P___P	td	0.020	0.100				+
#FL_P___1Y	Y	24.538	24.540	0.100	-0.100	-0.002	-
#FL_P___2Y	Y	38.093	38.140	0.050	-0.050	-0.047	----
#BO_P1__Z	Z	41.019	41.011	0.050	-0.050	0.008	+
#BO_P1__X	X	-196.970	-196.986	0.050	-0.050	0.016	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.036	0.100				++
#FL_P1__1Y	Y	24.783	24.740	0.050	-0.050	0.043	++++
#GW_E01__Z	Z	67.770	67.800	0.200	-0.200	-0.030	-
#GW_E01__X	X	19.546	19.600	0.200	-0.200	-0.054	--
#GW_E01__P	td	0.123	0.400				++
#GW_E02__Z	Z	163.131	163.270	0.200	-0.200	-0.139	---
#GW_E02__X	X	41.195	41.180	0.200	-0.200	0.015	+
#GW_E02__P	td	0.279	0.400				+++
#GW_E03__Z	Z	54.125	54.254	0.200	-0.200	-0.129	---
#GW_E03__X	X	157.880	157.900	0.200	-0.200	-0.020	-
#GW_E03__P	td	0.260	0.400				+++
#GW_E04__Z	Z	-132.933	132.799	0.200	-0.200	0.134	+++
#GW_E04__X	X	133.770	133.635	0.200	-0.200	0.135	+++

#GW_E04__P	td	0.380	0.400				++++
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.515	74.516	0.030	-0.030	-0.001	-
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.139	8.114	0.030	-0.030	0.025	++++
#BO_E2__X	X	114.996	114.998	0.030	-0.030	-0.002	-
#BO_E2__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.175	31.148	0.200	-0.200	0.027	+
#GW_W2__X	X	30.428	30.509	0.200	-0.200	-0.081	--
#GW_W2__P	td	0.170	0.400				++
#GW_M1__Z	Z	91.611	91.592	0.200	-0.200	0.019	+
#GW_M1__X	X	7.931	7.978	0.200	-0.200	-0.047	-
#GW_M1__P	td	0.102	0.400				++
#GW_M4__Z	Z	59.711	59.740	0.200	-0.200	-0.029	-
#GW_M4__X	X	-170.514	-170.500	0.200	-0.200	-0.014	-
#GW_M4__P	td	0.064	0.400				+
#GW_M2__X	X	-29.921	-30.000	0.200	-0.200	0.079	++
#GW_M2__Y	Y	89.067	89.000	0.200	-0.200	0.067	++
#GW_M2__P	td	0.207	0.400				+++
#GW_UM18_Z	Z	-119.716	-119.726	0.200	-0.200	0.010	+
#GW_UM18_X	X	-246.618	-246.662	0.200	-0.200	0.044	+
#GW_UM18_P	td	0.091	0.400				+
#U18_RETT	td	0.010	0.100				+
#BO_T1__Y	Y	99.100	99.090	0.050	-0.050	0.010	+
#BO_T1__Z	Z	0.012	0.000	0.050	-0.050	0.012	+
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.032	0.100				++
#GW_T3__Y	Y	-0.033	0.000	0.200	-0.200	-0.033	-
#GW_T3__Z	Z	-20.940	21.000	0.200	-0.200	-0.060	--
#GW_T3__P	td	0.137	0.400				++
#BO_T2__Y	Y	83.510	83.500	0.050	-0.050	0.010	+

#BO_T2__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.034	0.100				++
#GW_T4__Y	Y	0.091	0.000	0.200	-0.200	0.091	++
#GW_T4__Z	Z	18.538	18.500	0.200	-0.200	0.038	+
#GW_T4__P	td	0.196	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 17.24.20

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

=====

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Loconsole	6. 9.2012	PZ 5	315_FO.21	18:29:57

TEMP. PEZZO 25.49

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.031	0.050				+++
#H_PLA/100	t		0.013	0.030				++
#BO_J_Z	Z		146.857	146.846	0.030	-0.030	0.011	++
#BO_J_X	X		76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P	td		0.022	0.060				++
#BO_R_Z	Z		-175.975	-176.000	0.030	-0.030	0.025	++++
#BO_R_X	X		-70.493	-70.500	0.030	-0.030	0.007	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P	td		0.052	0.060				++++
#BO_D__1D	D		62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__1D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_L__2Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.018	0.050				++
#FL_L1__Y	Y		192.025	192.000	0.050	-0.050	0.025	+++
#BO_S__1Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__1D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z	Z		15.891	15.906	0.025	-0.025	-0.015	---
#BO_S__2X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.028	0.050				+++
#BO_F__1Z	Z		-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__1X	X		-165.267	-165.274	0.025	-0.025	0.007	++
#BO_F__1D	D		65.068	65.000	0.080	0.061	0.058	-0.003
#BO_F__2Z	Z		-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__2X	X		-165.268	-165.274	0.025	-0.025	0.006	+

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	-0.000
#BO_F__1P	td	0.015	0.050				++
#FL_F1__Y	Y	26.054	26.100	0.080	-0.080	-0.046	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.009	0.010				++++
#BO_L_ROT	t	0.010	0.010				0.000
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.601	128.600	0.025	-0.025	0.001	+
#BO_F/S_PO	R	126.936	126.950	0.025	-0.025	-0.014	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.994	188.000	0.025	-0.025	-0.006	-
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	--
#BO_DG1__X	X	20.224	20.223	0.025	-0.025	0.001	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.141	62.138	0.025	-0.025	0.003	+
#BO_DG2__X	X	53.523	53.523	0.025	-0.025	0.000	+-
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.005	0.050				+
#BO_DG3__Z	Z	4.562	4.545	0.025	-0.025	0.017	+++
#BO_DG3__X	X	83.784	83.787	0.025	-0.025	-0.003	-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.035	0.050				+++
#BO_DG4__Z	Z	-37.422	-37.437	0.025	-0.025	0.015	+++
#BO_DG4__X	X	84.994	84.997	0.025	-0.025	-0.003	-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.031	0.050				+++
#BO_SD1__Z	Z	122.736	122.758	0.025	-0.025	-0.022	----
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	++++
#BO_SD1__P	td	0.046	0.050				++++
#BO_SD2__Z	Z	-89.517	-89.538	0.025	-0.025	0.021	++++

#BO_SD2__X	X	91.475	91.458	0.025	-0.025	0.017	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.054	0.050				0.004
#BO_SR2__Z	Z	-56.683	-56.700	0.050	-0.050	0.017	++
#BO_SR2__X	X	42.730	42.733	0.050	-0.050	-0.003	-
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	+
#BO_SR2__P	td	0.035	0.100				++
#BO_SR3__Z	Z	64.888	64.900	0.050	-0.050	-0.012	-
#BO_SR3__X	X	-28.897	-28.887	0.050	-0.050	-0.010	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.031	0.100				++
#BO_SR4__Z	Z	94.141	94.176	0.050	-0.050	-0.035	---
#BO_SR4__X	X	-70.206	-70.200	0.050	-0.050	-0.006	-
#BO_SR4__D	D	10.011	10.000	0.015	0.000	0.011	+++
#BO_SR4__P	td	0.072	0.100				+++
#BO_SR5__Z	Z	-106.824	-106.831	0.050	-0.050	0.007	+
#BO_SR5__X	X	35.306	35.302	0.050	-0.050	0.004	+
#BO_SR5__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR5__P	td	0.017	0.100				+
#BO_P__Z	Z	104.554	104.550	0.050	-0.050	0.004	+
#BO_P__X	X	-117.249	-117.257	0.050	-0.050	0.008	+
#BO_P__D	D	18.012	18.000	0.018	0.000	0.012	++
#BO_P__P	td	0.018	0.100				+
#FL_P__1Y	Y	24.534	24.540	0.100	-0.100	-0.006	-
#FL_P__2Y	Y	38.094	38.140	0.050	-0.050	-0.046	----
#BO_P1__Z	Z	41.018	41.011	0.050	-0.050	0.007	+
#BO_P1__X	X	-196.969	-196.986	0.050	-0.050	0.017	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.036	0.100				++
#FL_P1__1Y	Y	24.776	24.740	0.050	-0.050	0.036	+++
#GW_E01__Z	Z	67.789	67.800	0.200	-0.200	-0.011	-
#GW_E01__X	X	19.544	19.600	0.200	-0.200	-0.056	--
#GW_E01__P	td	0.115	0.400				++
#GW_E02__Z	Z	163.138	163.270	0.200	-0.200	-0.132	---
#GW_E02__X	X	41.190	41.180	0.200	-0.200	0.010	+
#GW_E02__P	td	0.264	0.400				+++
#GW_E03__Z	Z	54.091	54.254	0.200	-0.200	-0.163	----
#GW_E03__X	X	157.854	157.900	0.200	-0.200	-0.046	-
#GW_E03__P	td	0.339	0.400				++++
#GW_E04__Z	Z	-132.952	132.799	0.200	-0.200	0.153	++++
#GW_E04__X	X	133.736	133.635	0.200	-0.200	0.101	+++

#GW_E04__P	td	0.366	0.400				++++
#BO_E1__Z	Z	85.523	85.509	0.030	-0.030	0.014	++
#BO_E1__X	X	74.515	74.516	0.030	-0.030	-0.001	-
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E1__P	td	0.027	0.060				++
#BO_E1__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E1_CON	td	0.005	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	114.992	114.998	0.030	-0.030	-0.006	-
#BO_E2__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E2__P	td	0.047	0.060				++++
#BO_E2__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.154	31.148	0.200	-0.200	0.006	+
#GW_W2__X	X	30.417	30.509	0.200	-0.200	-0.092	--
#GW_W2__P	td	0.185	0.400				++
#GW_M1__Z	Z	91.613	91.592	0.200	-0.200	0.021	+
#GW_M1__X	X	7.925	7.978	0.200	-0.200	-0.053	--
#GW_M1__P	td	0.113	0.400				++
#GW_M4__Z	Z	59.704	59.740	0.200	-0.200	-0.036	-
#GW_M4__X	X	-170.514	-170.500	0.200	-0.200	-0.014	-
#GW_M4__P	td	0.078	0.400				+
#GW_M2__X	X	-29.927	-30.000	0.200	-0.200	0.073	++
#GW_M2__Y	Y	89.061	89.000	0.200	-0.200	0.061	++
#GW_M2__P	td	0.190	0.400				++
#GW_UM18_Z	Z	-119.728	-119.726	0.200	-0.200	-0.002	-
#GW_UM18_X	X	-246.604	-246.662	0.200	-0.200	0.058	++
#GW_UM18_P	td	0.116	0.400				++
#U18_RETT	td	0.012	0.100				+
#BO_T1__Y	Y	99.098	99.090	0.050	-0.050	0.008	+
#BO_T1__Z	Z	0.011	0.000	0.050	-0.050	0.011	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.028	0.100				++
#GW_T3__Y	Y	-0.045	0.000	0.200	-0.200	-0.045	-
#GW_T3__Z	Z	-20.953	21.000	0.200	-0.200	-0.047	-
#GW_T3__P	td	0.131	0.400				++
#BO_T2__Y	Y	83.508	83.500	0.050	-0.050	0.008	+

#BO_T2__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.032	0.100				++
#GW_T4__Y	Y	0.086	0.000	0.200	-0.200	0.086	++
#GW_T4__Z	Z	18.522	18.500	0.200	-0.200	0.022	+
#GW_T4__P	td	0.178	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 19.12.13

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Partipilo	8. 9.2012	PZ 18	315_FO.21	13: 5:45

TEMP. PEZZO 25.20

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.033	0.050				+++
#H_PLA/100	t		0.005	0.030				+
#BO_J_Z	Z		146.845	146.846	0.030	-0.030	-0.001	-
#BO_J_X	X		76.154	76.161	0.030	-0.030	-0.007	-
#BO_J_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P	td		0.014	0.060				+
#BO_R_Z	Z		-176.008	-176.000	0.030	-0.030	-0.008	--
#BO_R_X	X		-70.511	-70.500	0.030	-0.030	-0.011	--
#BO_R_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P	td		0.026	0.060				++
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X	X		-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__1D	D		62.004	62.000	0.030	0.000	0.004	----
#BO_L__2Z	Z		-70.322	-70.330	0.025	-0.025	0.008	++
#BO_L__2X	X		-38.123	-38.127	0.025	-0.025	0.004	+
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.016	0.050				++
#FL_L1__Y	Y		192.018	192.000	0.050	-0.050	0.018	++
#BO_S__1Z	Z		15.906	15.906	0.025	-0.025	0.000	+-
#BO_S__1X	X		-94.667	-94.673	0.025	-0.025	0.006	++
#BO_S__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z	Z		15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__2X	X		-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.013	0.050				++
#BO_F__1Z	Z		-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__1X	X		-165.277	-165.274	0.025	-0.025	-0.003	-
#BO_F__1D	D		65.064	65.000	0.080	0.061	0.064	---
#BO_F__2Z	Z		-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__2X	X		-165.276	-165.274	0.025	-0.025	-0.002	-

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	-
#BO_F___1P	td	0.010	0.050				+
#FL_F1___Y	Y	26.062	26.100	0.080	-0.080	-0.038	--
#BO_F3_D	D	55.031	55.000	0.046	0.000	0.031	++
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.007	0.010				+++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.003	0.006				+++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.606	128.600	0.025	-0.025	0.006	++
#BO_F/S_PO	R	126.958	126.950	0.025	-0.025	0.008	++
#BO_D/S_PO	R	95.994	96.000	0.025	-0.025	-0.006	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	188.005	188.000	0.025	-0.025	0.005	+
#BO_DG1__Z	Z	87.732	87.732	0.025	-0.025	-0.000	+-
#BO_DG1__X	X	20.232	20.223	0.025	-0.025	0.009	++
#BO_DG1__D	D	10.040	10.000	0.040	0.025	0.040	++++
#BO_DG1__P	td	0.019	0.050				++
#BO_DG2__Z	Z	62.139	62.138	0.025	-0.025	0.001	+
#BO_DG2__X	X	53.513	53.523	0.025	-0.025	-0.010	--
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.021	0.050				++
#BO_DG3__Z	Z	4.552	4.545	0.025	-0.025	0.007	++
#BO_DG3__X	X	83.767	83.787	0.025	-0.025	-0.020	----
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.043	0.050				++++
#BO_DG4__Z	Z	-37.431	-37.437	0.025	-0.025	0.006	+
#BO_DG4__X	X	84.993	84.997	0.025	-0.025	-0.004	-
#BO_DG4__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG4__P	td	0.014	0.050				++
#BO_SD1__Z	Z	122.765	122.758	0.025	-0.025	0.007	++
#BO_SD1__X	X	-18.889	-18.886	0.025	-0.025	-0.003	-
#BO_SD1__D	D	15.990	16.000	0.000	-0.018	-0.010	-
#BO_SD1__P	td	0.015	0.050				++
#BO_SD2__Z	Z	-89.525	-89.538	0.025	-0.025	0.013	+++

#BO_SD2__X	X	91.440	91.458	0.025	-0.025	-0.018	---
#BO_SD2__D	D	15.990	16.000	0.000	-0.018	-0.010	-
#BO_SD2__P	td	0.044	0.050				++++
#BO_SR2__Z	Z	-56.716	-56.700	0.050	-0.050	-0.016	--
#BO_SR2__X	X	42.719	42.733	0.050	-0.050	-0.014	--
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.042	0.100				++
#BO_SR3__Z	Z	64.875	64.900	0.050	-0.050	-0.025	---
#BO_SR3__X	X	-28.881	-28.887	0.050	-0.050	0.006	+
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.052	0.100				+++
#BO_SR4__Z	Z	94.172	94.176	0.050	-0.050	-0.004	-
#BO_SR4__X	X	-70.203	-70.200	0.050	-0.050	-0.003	-
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.010	0.100				+
#BO_SR5__Z	Z	-106.815	-106.831	0.050	-0.050	0.016	++
#BO_SR5__X	X	35.295	35.302	0.050	-0.050	-0.007	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.036	0.100				++
#BO_P__Z	Z	104.531	104.550	0.050	-0.050	-0.019	--
#BO_P__X	X	-117.242	-117.257	0.050	-0.050	0.015	++
#BO_P__D	D	18.009	18.000	0.018	0.000	0.009	+-
#BO_P__P	td	0.048	0.100				++
#FL_P__1Y	Y	24.521	24.540	0.100	-0.100	-0.019	-
#FL_P__2Y	Y	38.133	38.140	0.050	-0.050	-0.007	-
#BO_P1__Z	Z	41.000	41.011	0.050	-0.050	-0.011	-
#BO_P1__X	X	-196.958	-196.986	0.050	-0.050	0.028	+++
#BO_P1__D	D	12.043	12.000	0.050	0.032	0.043	+
#BO_P1__P	td	0.060	0.100				+++
#FL_P1__1Y	Y	24.737	24.740	0.050	-0.050	-0.003	-
#GW_E01__Z	Z	67.857	67.800	0.200	-0.200	0.057	++
#GW_E01__X	X	19.520	19.600	0.200	-0.200	-0.080	--
#GW_E01__P	td	0.197	0.400				++
#GW_E02__Z	Z	163.173	163.270	0.200	-0.200	-0.097	--
#GW_E02__X	X	41.126	41.180	0.200	-0.200	-0.054	--
#GW_E02__P	td	0.222	0.400				+++
#GW_E03__Z	Z	54.125	54.254	0.200	-0.200	-0.129	---
#GW_E03__X	X	157.796	157.900	0.200	-0.200	-0.104	---
#GW_E03__P	td	0.331	0.400				++++
#GW_E04__Z	Z	-132.930	132.799	0.200	-0.200	0.131	+++
#GW_E04__X	X	133.640	133.635	0.200	-0.200	0.005	+

#GW_E04__P	td	0.262	0.400				+++
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.511	74.516	0.030	-0.030	-0.005	-
#BO_E1__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.005	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.129	8.114	0.030	-0.030	0.015	+++
#BO_E2__X	X	114.978	114.998	0.030	-0.030	-0.020	---
#BO_E2__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E2__P	td	0.051	0.060				++++
#BO_E2__2D	D	37.616	37.600	0.039	0.000	0.016	-
#BO_E2_CON	td	0.019	0.200				+
#BO_E2_RET	td	0.020	0.050				++
#GW_W2__Z	Z	31.190	31.148	0.200	-0.200	0.042	+
#GW_W2__X	X	30.412	30.509	0.200	-0.200	-0.097	--
#GW_W2__P	td	0.211	0.400				+++
#GW_M1__Z	Z	91.566	91.592	0.200	-0.200	-0.026	-
#GW_M1__X	X	7.903	7.978	0.200	-0.200	-0.075	--
#GW_M1__P	td	0.160	0.400				++
#GW_M4__Z	Z	59.673	59.740	0.200	-0.200	-0.067	--
#GW_M4__X	X	-170.537	-170.500	0.200	-0.200	-0.037	-
#GW_M4__P	td	0.152	0.400				++
#GW_M2__X	X	-30.085	-30.000	0.200	-0.200	-0.085	--
#GW_M2__Y	Y	88.933	89.000	0.200	-0.200	-0.067	--
#GW_M2__P	td	0.216	0.400				+++
#GW_UM18_Z	Z	-119.617	-119.726	0.200	-0.200	0.109	+++
#GW_UM18_X	X	-246.625	-246.662	0.200	-0.200	0.037	+
#GW_UM18_P	td	0.230	0.400				+++
#U18_RETT	td	0.007	0.100				+
#BO_T1__Y	Y	99.078	99.090	0.050	-0.050	-0.012	-
#BO_T1__Z	Z	-0.047	0.000	0.050	-0.050	-0.047	----
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	+-
#BO_T1__P	td	0.096	0.100				++++
#GW_T3__Y	Y	-0.057	0.000	0.200	-0.200	-0.057	--
#GW_T3__Z	Z	-20.912	21.000	0.200	-0.200	-0.088	--
#GW_T3__P	td	0.210	0.400				+++
#BO_T2__Y	Y	83.499	83.500	0.050	-0.050	-0.001	-

#BO_T2__Z	Z	-0.047	0.000	0.050	-0.050	-0.047	----
#BO_T2__D	D	13.872	13.850	0.043	0.000	0.022	+
#BO_T2__P	td	0.093	0.100				++++
#GW_T4__Y	Y	-0.141	0.000	0.200	-0.200	-0.141	---
#GW_T4__Z	Z	18.409	18.500	0.200	-0.200	-0.091	--
#GW_T4__P	td	0.335	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 13.31.46

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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DISEGNO No.      |Indice  |PROV.MAC  |ZEISS      |TIPO MISURA
G_TR_315__FO.21  | h      | Bz -     | Cx ZEISS 1 | TEST

OPERATORE       | DATA   | NUMERO PART. | PROGRAMMA  | PALETTE | TIME
Loconsole       | 11. 9.2012 | PZ 32      | 315_FO.21  |         | 18:30:52
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TEMP. PEZZO 23.42

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.028	0.050				+++
#H_PLA/100		t	0.006	0.030				+
#BO_J_Z		Z	146.864	146.846	0.030	-0.030	0.018	+++
#BO_J_X		X	76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.035	0.060				+++
#BO_R_Z		Z	-175.981	-176.000	0.030	-0.030	0.019	+++
#BO_R_X		X	-70.499	-70.500	0.030	-0.030	0.001	+
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P		td	0.038	0.060				+++
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z		Z	-70.334	-70.330	0.025	-0.025	-0.004	-
#BO_L__1X		X	-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__2Z		Z	-70.334	-70.330	0.025	-0.025	-0.004	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.017	0.050				++
#FL_L1__Y		Y	192.027	192.000	0.050	-0.050	0.027	+++
#BO_S__1Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z		Z	15.891	15.906	0.025	-0.025	-0.015	---
#BO_S__2X		X	-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.028	0.050				+++
#BO_F__1Z		Z	-89.606	-89.601	0.025	-0.025	-0.005	-
#BO_F__1X		X	-165.269	-165.274	0.025	-0.025	0.005	+
#BO_F__1D		D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__2Z		Z	-89.606	-89.601	0.025	-0.025	-0.005	-
#BO_F__2X		X	-165.270	-165.274	0.025	-0.025	0.004	+

#BO_F___2D	D	65.061	65.000	0.080	0.061	0.061	-0.000
#BO_F___1P	td	0.014	0.050				++
#FL_F1___Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.011	0.010				0.001
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.010	0.010				0.000
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.007	0.006				0.001
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.602	128.600	0.025	-0.025	0.002	+
#BO_F/S_PO	R	126.938	126.950	0.025	-0.025	-0.012	--
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.996	188.000	0.025	-0.025	-0.004	-
#BO_DG1__Z	Z	87.728	87.732	0.025	-0.025	-0.004	-
#BO_DG1__X	X	20.228	20.223	0.025	-0.025	0.005	+
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.524	53.523	0.025	-0.025	0.001	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.010	0.050				+
#BO_DG3__Z	Z	4.564	4.545	0.025	-0.025	0.019	++++
#BO_DG3__X	X	83.785	83.787	0.025	-0.025	-0.002	-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.038	0.050				++++
#BO_DG4__Z	Z	-37.420	-37.437	0.025	-0.025	0.017	+++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.033	0.050				+++
#BO_SD1__Z	Z	122.740	122.758	0.025	-0.025	-0.018	---
#BO_SD1__X	X	-18.896	-18.886	0.025	-0.025	-0.010	--
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.041	0.050				++++
#BO_SD2__Z	Z	-89.516	-89.538	0.025	-0.025	0.022	++++

#BO_SD2__X	X	91.471	91.458	0.025	-0.025	0.013	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.050	0.050				0.000
#BO_SR2__Z	Z	-56.681	-56.700	0.050	-0.050	0.019	++
#BO_SR2__X	X	42.724	42.733	0.050	-0.050	-0.009	-
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.042	0.100				++
#BO_SR3__Z	Z	64.891	64.900	0.050	-0.050	-0.009	-
#BO_SR3__X	X	-28.898	-28.887	0.050	-0.050	-0.011	-
#BO_SR3__D	D	13.013	13.000	0.018	0.000	0.013	++
#BO_SR3__P	td	0.029	0.100				++
#BO_SR4__Z	Z	94.149	94.176	0.050	-0.050	-0.027	---
#BO_SR4__X	X	-70.201	-70.200	0.050	-0.050	-0.001	-
#BO_SR4__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR4__P	td	0.055	0.100				+++
#BO_SR5__Z	Z	-106.825	-106.831	0.050	-0.050	0.006	+
#BO_SR5__X	X	35.308	35.302	0.050	-0.050	0.006	+
#BO_SR5__D	D	10.004	10.000	0.015	0.000	0.004	--
#BO_SR5__P	td	0.017	0.100				+
#BO_P__Z	Z	104.555	104.550	0.050	-0.050	0.005	+
#BO_P__X	X	-117.247	-117.257	0.050	-0.050	0.010	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	++
#BO_P__P	td	0.023	0.100				+
#FL_P__1Y	Y	24.539	24.540	0.100	-0.100	-0.001	-
#FL_P__2Y	Y	38.090	38.140	0.050	-0.050	-0.050	----
#BO_P1__Z	Z	41.017	41.011	0.050	-0.050	0.006	+
#BO_P1__X	X	-196.967	-196.986	0.050	-0.050	0.019	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.039	0.100				++
#FL_P1__1Y	Y	24.782	24.740	0.050	-0.050	0.042	++++
#GW_E01__Z	Z	67.740	67.800	0.200	-0.200	-0.060	--
#GW_E01__X	X	19.570	19.600	0.200	-0.200	-0.030	-
#GW_E01__P	td	0.134	0.400				++
#GW_E02__Z	Z	163.070	163.270	0.200	-0.200	-0.200	-0.000
#GW_E02__X	X	41.168	41.180	0.200	-0.200	-0.012	-
#GW_E02__P	td	0.400	0.400				0.000 <i>File</i>
#GW_E03__Z	Z	54.115	54.254	0.200	-0.200	-0.139	---
#GW_E03__X	X	157.873	157.900	0.200	-0.200	-0.027	-
#GW_E03__P	td	0.283	0.400				+++
#GW_E04__Z	Z	-132.950	132.799	0.200	-0.200	0.151	++++
#GW_E04__X	X	133.810	133.635	0.200	-0.200	0.175	++++

#GW_E04__P	td	0.485	0.400				0.063	<i>Sup</i>
#BO_E1__Z	Z	85.533	85.509	0.030	-0.030	0.024		++++
#BO_E1__X	X	74.517	74.516	0.030	-0.030	0.001		+
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017		++
#BO_E1__P	td	0.049	0.060					++++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024		+
#BO_E1_CON	td	0.005	0.200					+
#BO_E1_RET	td	0.005	0.050					+
#BO_E2__Z	Z	8.145	8.114	0.030	-0.030	0.031	0.001	
#BO_E2__X	X	114.997	114.998	0.030	-0.030	-0.001		-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018		++
#BO_E2__P	td	0.060	0.060					0.082 <i>en</i>
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024		+
#BO_E2_CON	td	0.004	0.200					+
#BO_E2_RET	td	0.004	0.050					+
#GW_W2__Z	Z	31.168	31.148	0.200	-0.200	0.020		+
#GW_W2__X	X	30.433	30.509	0.200	-0.200	-0.076		--
#GW_W2__P	td	0.156	0.400					++
#GW_M1__Z	Z	91.590	91.592	0.200	-0.200	-0.002		-
#GW_M1__X	X	7.943	7.978	0.200	-0.200	-0.035		-
#GW_M1__P	td	0.071	0.400					+
#GW_M4__Z	Z	59.650	59.740	0.200	-0.200	-0.090		--
#GW_M4__X	X	-170.483	-170.500	0.200	-0.200	0.017		+
#GW_M4__P	td	0.183	0.400					++
#GW_M2__X	X	-29.955	-30.000	0.200	-0.200	0.045		+
#GW_M2__Y	Y	89.096	89.000	0.200	-0.200	0.096		++
#GW_M2__P	td	0.212	0.400					+++
#GW_UM18_Z	Z	-119.723	-119.726	0.200	-0.200	0.003		+
#GW_UM18_X	X	-246.620	-246.662	0.200	-0.200	0.042		+
#GW_UM18_P	td	0.083	0.400					+
#U18_RETT	td	0.009	0.100					+
#BO_T1__Y	Y	99.101	99.090	0.050	-0.050	0.011		+
#BO_T1__Z	Z	-0.003	0.000	0.050	-0.050	-0.003		-
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019		-
#BO_T1__P	td	0.023	0.100					+
#GW_T3__Y	Y	-0.047	0.000	0.200	-0.200	-0.047		-
#GW_T3__Z	Z	-20.955	21.000	0.200	-0.200	-0.045		-
#GW_T3__P	td	0.129	0.400					++
#BO_T2__Y	Y	83.513	83.500	0.050	-0.050	0.013		++

#BO_T2__Z	Z	-0.013	0.000	0.050	-0.050	-0.013	--
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.036	0.100				++
#GW_T4__Y	Y	0.070	0.000	0.200	-0.200	0.070	++
#GW_T4__Z	Z	18.518	18.500	0.200	-0.200	0.018	+
#GW_T4__P	td	0.144	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 18.50.10

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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=====
DISEGNO No.      |Indice  |PROV.MAC  |ZEISS      |TIPO MISURA
G_TR_315__FO.21  | h      | Bz  -    |Cx ZEISS 1 |TEST

OPERATORE        | DATA   | NUMERO PART. | PROGRAMMA  | PALETTE | TIME
Loconsole        | 11. 9.2012 | PZ 30      | 315_FO.21  |         | 17:54:34
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TEMP. PEZZO 24.46

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.029	0.050				+++
#H_PLA/100		t	0.013	0.030				++
#BO_J_Z		Z	146.860	146.846	0.030	-0.030	0.014	++
#BO_J_X		X	76.163	76.161	0.030	-0.030	0.002	+
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.029	0.060				++
#BO_R_Z		Z	-175.972	-176.000	0.030	-0.030	0.028	++++
#BO_R_X		X	-70.492	-70.500	0.030	-0.030	0.008	++
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P		td	0.059	0.060				++++
#BO_D__1D		D	62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z		Z	-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__1X		X	-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D		D	62.011	62.000	0.030	0.000	0.011	--
#BO_L__2Z		Z	-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.016	0.050				++
#FL_L1__Y		Y	192.030	192.000	0.050	-0.050	0.030	+++
#BO_S__1Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z		Z	15.891	15.906	0.025	-0.025	-0.015	---
#BO_S__2X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.028	0.050				+++
#BO_F__1Z		Z	-89.601	-89.601	0.025	-0.025	-0.000	+-
#BO_F__1X		X	-165.266	-165.274	0.025	-0.025	0.008	++
#BO_F__1D		D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__2Z		Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X		X	-165.267	-165.274	0.025	-0.025	0.007	++

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	----
#BO_F__1P	td	0.016	0.050				++
#FL_F1__Y	Y	26.056	26.100	0.080	-0.080	-0.044	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.010	0.010				0.001 <i>du</i>
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.010	0.010				0.000
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.598	128.600	0.025	-0.025	-0.002	-
#BO_F/S_PO	R	126.932	126.950	0.025	-0.025	-0.018	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.991	188.000	0.025	-0.025	-0.009	--
#BO_DG1__Z	Z	87.727	87.732	0.025	-0.025	-0.005	-
#BO_DG1__X	X	20.227	20.223	0.025	-0.025	0.004	+
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.014	0.050				++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.525	53.523	0.025	-0.025	0.002	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.010	0.050				+
#BO_DG3__Z	Z	4.563	4.545	0.025	-0.025	0.018	+++
#BO_DG3__X	X	83.786	83.787	0.025	-0.025	-0.001	-
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.024	-0.001 <i>du</i>
#BO_DG3__P	td	0.036	0.050				+++
#BO_DG4__Z	Z	-37.422	-37.437	0.025	-0.025	0.015	+++
#BO_DG4__X	X	84.997	84.997	0.025	-0.025	-0.000	+-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.030	0.050				+++
#BO_SD1__Z	Z	122.740	122.758	0.025	-0.025	-0.018	---
#BO_SD1__X	X	-18.898	-18.886	0.025	-0.025	-0.012	--
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.042	0.050				++++
#BO_SD2__Z	Z	-89.514	-89.538	0.025	-0.025	0.024	++++

#BO_SD2__X	X	91.473	91.458	0.025	-0.025	0.015	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.050	0.050				0.000 <i>OK</i>
#BO_SR2__Z	Z	-56.685	-56.700	0.050	-0.050	0.015	++
#BO_SR2__X	X	42.722	42.733	0.050	-0.050	-0.011	-
#BO_SR2__D	D	13.005	13.000	0.018	0.000	0.005	--
#BO_SR2__P	td	0.038	0.100				++
#BO_SR3__Z	Z	64.891	64.900	0.050	-0.050	-0.009	-
#BO_SR3__X	X	-28.899	-28.887	0.050	-0.050	-0.012	-
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.030	0.100				++
#BO_SR4__Z	Z	94.148	94.176	0.050	-0.050	-0.028	---
#BO_SR4__X	X	-70.206	-70.200	0.050	-0.050	-0.006	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.057	0.100				+++
#BO_SR5__Z	Z	-106.821	-106.831	0.050	-0.050	0.010	+
#BO_SR5__X	X	35.307	35.302	0.050	-0.050	0.005	+
#BO_SR5__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR5__P	td	0.023	0.100				+
#BO_P__Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#BO_P__X	X	-117.249	-117.257	0.050	-0.050	0.008	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.022	0.100				+
#FL_P__1Y	Y	24.541	24.540	0.100	-0.100	0.001	+
#FL_P__2Y	Y	38.097	38.140	0.050	-0.050	-0.043	----
#BO_P1__Z	Z	41.022	41.011	0.050	-0.050	0.011	+
#BO_P1__X	X	-196.970	-196.986	0.050	-0.050	0.016	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.039	0.100				++
#FL_P1__1Y	Y	24.785	24.740	0.050	-0.050	0.045	++++
#GW_E01__Z	Z	67.750	67.800	0.200	-0.200	-0.050	--
#GW_E01__X	X	19.568	19.600	0.200	-0.200	-0.032	-
#GW_E01__P	td	0.119	0.400				++
#GW_E02__Z	Z	163.084	163.270	0.200	-0.200	-0.186	----
#GW_E02__X	X	41.157	41.180	0.200	-0.200	-0.023	-
#GW_E02__P	td	0.375	0.400				++++
#GW_E03__Z	Z	54.120	54.254	0.200	-0.200	-0.134	---
#GW_E03__X	X	157.873	157.900	0.200	-0.200	-0.027	-
#GW_E03__P	td	0.274	0.400				+++
#GW_E04__Z	Z	-132.944	132.799	0.200	-0.200	0.145	+++
#GW_E04__X	X	133.756	133.635	0.200	-0.200	0.121	+++

#GW_E04__P	td	0.378	0.400				++++
#BO_E1__Z	Z	85.533	85.509	0.030	-0.030	0.024	++++
#BO_E1__X	X	74.515	74.516	0.030	-0.030	-0.001	-
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.048	0.060				++++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.005	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.145	8.114	0.030	-0.030	0.031	0.001
#BO_E2__X	X	114.997	114.998	0.030	-0.030	-0.001	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.060	0.060				0.001 <i>col</i>
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.144	31.148	0.200	-0.200	-0.004	-
#GW_W2__X	X	30.432	30.509	0.200	-0.200	-0.077	--
#GW_W2__P	td	0.154	0.400				++
#GW_M1__Z	Z	91.590	91.592	0.200	-0.200	-0.002	-
#GW_M1__X	X	7.934	7.978	0.200	-0.200	-0.044	-
#GW_M1__P	td	0.088	0.400				+
#GW_M4__Z	Z	59.680	59.740	0.200	-0.200	-0.060	--
#GW_M4__X	X	-170.493	-170.500	0.200	-0.200	0.007	+
#GW_M4__P	td	0.120	0.400				++
#GW_M2__X	X	-29.944	-30.000	0.200	-0.200	0.056	++
#GW_M2__Y	Y	89.090	89.000	0.200	-0.200	0.090	++
#GW_M2__P	td	0.212	0.400				+++
#GW_UM18_Z	Z	-119.723	-119.726	0.200	-0.200	0.003	+
#GW_UM18_X	X	-246.611	-246.662	0.200	-0.200	0.051	++
#GW_UM18_P	td	0.103	0.400				++
#U18_RETT	td	0.003	0.100				+
#BO_T1__Y	Y	99.108	99.090	0.050	-0.050	0.018	++
#BO_T1__Z	Z	0.002	0.000	0.050	-0.050	0.002	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.036	0.100				++
#GW_T3__Y	Y	-0.027	0.000	0.200	-0.200	-0.027	-
#GW_T3__Z	Z	-20.950	21.000	0.200	-0.200	-0.050	--
#GW_T3__P	td	0.114	0.400				++
#BO_T2__Y	Y	83.519	83.500	0.050	-0.050	0.019	++

#BO_T2__Z	{Z	0.001	0.000	0.050	-0.050	0.001	+
#BO_T2__D	{D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	{td	0.039	0.100				++
#GW_T4__Y	{Y	0.073	0.000	0.200	-0.200	0.073	++
#GW_T4__Z	{Z	18.513	18.500	0.200	-0.200	0.013	+
#GW_T4__P	{td	0.149	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 18.11.46

X PAOLO LUCCHESI

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

```

=====
DISEGNO No.      |Indice  |PROV.MAC  |ZEISS      |TIPO MISURA
G_TR_315__FO.21 | h      | Bz  -    |Cx ZEISS 1 |MIS. PERIODICA

OPERATORE        | DATA   | NUMERO PART. | PROGRAMMA  | PALETTE | TIME
Santorsola      | 25.10.2012 | TEST        | 315_FO.21  |         | 18: 3:16
  
```

TEMP. PEZZO 23.17

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_H_PLA	t	0.032	0.050				+++
	#BO_J_Z	Z	146.860	146.846	0.030	-0.030	0.014	++
✓	#BO_J_X	X	76.162	76.161	0.030	-0.030	0.001	+
	#BO_J_D	D	9.996	10.000	0.005	-0.010	-0.004	-
	#BO_J_P	td	0.028	0.060				++
	#BO_R_Z	Z	-175.973	-176.000	0.030	-0.030	0.027	++++
✓	#BO_R_X	X	-70.494	-70.500	0.030	-0.030	0.006	+
	#BO_R_D	D	9.996	10.000	0.005	-0.010	-0.004	-
	#BO_R_P	td	0.056	0.060				++++
✓	#BO_J_RET	td	0.005	0.030				+
	#BO_R_RET	td	0.002	0.030				+
	#BO_D__1D	D	62.007	62.000	0.019	0.000	0.007	--
	#BO_D__2D	D	62.008	62.000	0.019	0.000	0.008	-
✓	#BO_D_RET	td	0.006	0.030				+
✓	#BO_D__3D	D	55.924	55.900	0.050	-0.050	0.024	++
	#BO_L__1Z	Z	-70.333	-70.330	0.025	-0.025	-0.003	-
	#BO_L__1X	X	-38.120	-38.127	0.025	-0.025	0.007	++
	#BO_L__1D	D	62.009	62.000	0.030	0.000	0.009	--
	#BO_L__1P	td	0.016	0.050				++
✓	#BO_L_RET	td	0.005	0.030				+
	#BO_S__1Z	Z	15.892	15.906	0.025	-0.025	-0.014	---
	#BO_S__1X	X	-94.677	-94.673	0.025	-0.025	-0.004	-
	#BO_S__1D	D	62.007	62.000	0.030	0.000	0.007	---
	#BO_S__1P	td	0.028	0.050				+++
✓	#BO_S_RET	td	0.005	0.030				+
	#BO_F__1Z	Z	-89.603	-89.601	0.025	-0.025	-0.002	-
	#BO_F__1X	X	-165.268	-165.274	0.025	-0.025	0.006	+
	#BO_F__1D	D	65.058	65.000	0.080	0.061	0.058	-0.003

#BO_F__1P	td	0.012	0.050					+
✓ #BO_F_RET	td	0.003	0.030					+
#FL_F1__Y	Y	26.054	26.100	0.080	-0.080	-0.046	---	
✓ #FL_F_PAR	t	0.026	0.030					++++
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-	
✓ #BO_F3_CON	td	0.009	0.050					+
✓ #BO_FG__D	D	64.006	64.000	0.300	-0.300	0.006	+	
✓ #FL_FG__Y	Y	38.549	38.600	0.100	-0.100	-0.051	---	
[#DG1_RET	td	0.008	0.050					+
[#DG2_RET	td	0.008	0.050					+
[#DG3_RET	td	0.007	0.050					+
[#DG4_RET	td	0.020	0.050					++
✓ #SR2_RET	td	0.005	0.050					+
✓ #SR3_RET	td	0.007	0.050					+
✓ #SR4_RET	td	0.002	0.050					+
✓ #SR5_RET	td	0.009	0.050					+
✓ #FL_E01__Y	Y	70.667	70.700	0.050	-0.050	-0.033	---	
✓ #FL_M2__Z	Z	128.008	128.000	0.100	-0.100	0.008	+	
✓ #FL_UM18_Y	Y	37.125	37.200	0.100	-0.100	-0.075	---	
✓ #UM18_PLAN	t	0.025	0.030					++++
#U18_RETT	td	0.010	0.100					+
✓ #BO_F64_P	td	0.021	0.400					+
#A2_J/R_D	XY/Z A2 	-65.633 	-65.633 	0.200 	-0.200 	-0.000 	+-	
✓ #A2_J/R_D	XY/Z A2	-65.633	-65.568	0.200	-0.200	-0.065	--	
✓ #FL_S2__Y	Y	173.687	173.700	0.200	-0.200	-0.013	-	
#BO_S1__Z	Z	-21.027	-21.154	0.200	-0.200	0.127	+++	
#BO_S1__X	X	-113.537	-113.350	0.200	-0.200	-0.187	----	
#BO_S1__D	D	9.551	10.200	0.200	-0.200	-0.649	-0.449	
#BO_S1__P	td	0.452	0.400					0.052
#BO_S2__Z	Z	50.842	50.611	0.200	-0.200	0.231	0.031	
#BO_S2__X	X	-117.525	-117.429	0.200	-0.200	-0.096	--	
#BO_S2__D	D	9.675	10.200	0.200	-0.200	-0.525	-0.325	
#BO_S2__P	td	0.500	0.400					0.100
#BO_S3__Z	Z	18.406	18.261	0.200	-0.200	0.145	+++	
#BO_S3__X	X	-53.334	-53.240	0.200	-0.200	-0.094	--	
#BO_S3__D	D	9.525	10.200	0.200	-0.200	-0.675	-0.475	

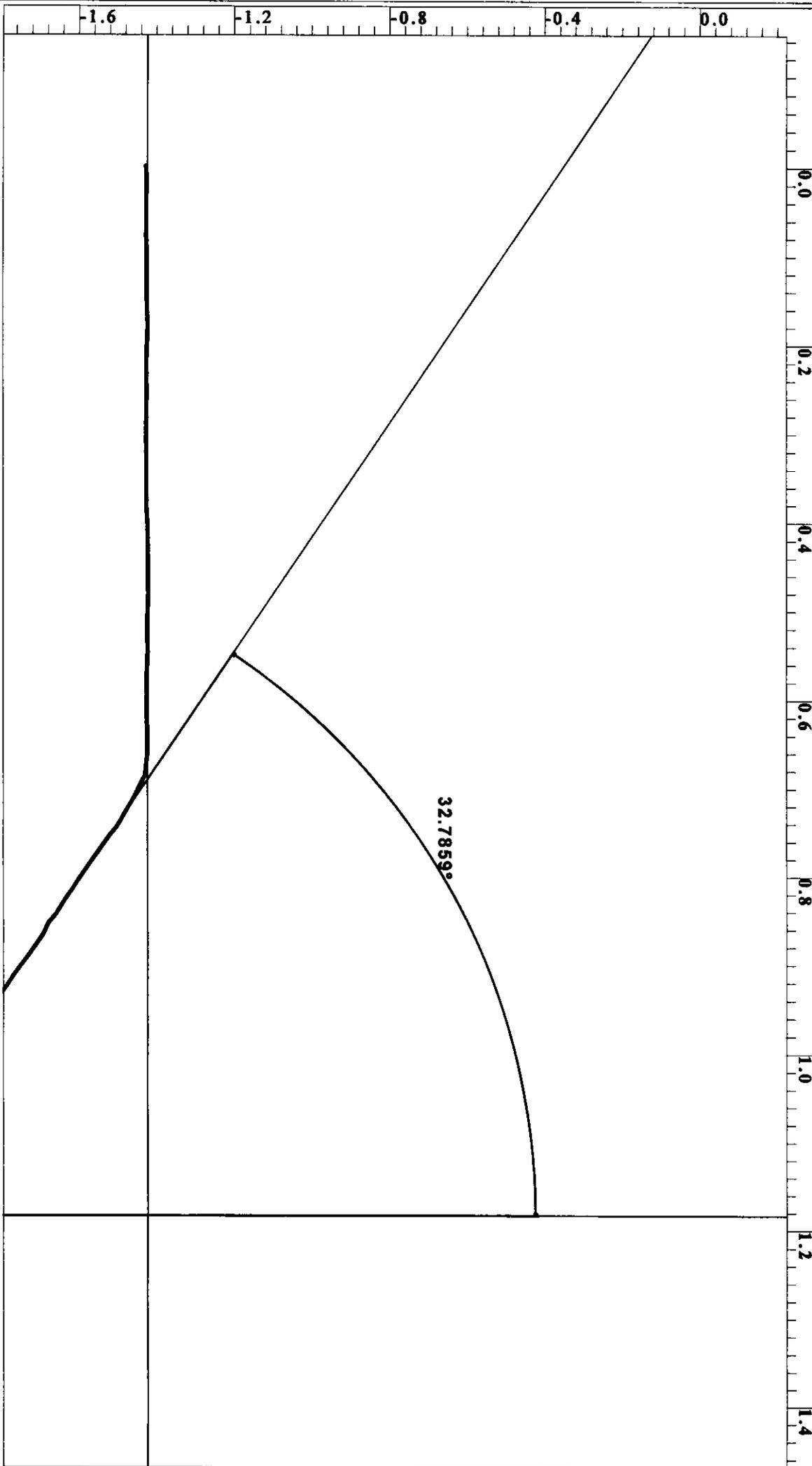
#BO_S3__P	td	0.345	0.400				++++
#BO_L1__Z	Z	-107.416	-107.390	0.200	-0.200	-0.026	-
#BO_L1__X	X	-56.867	-56.803	0.200	-0.200	-0.064	--
#BO_L1__D	D	9.683	10.200	0.200	-0.200	-0.517	-0.317
#BO_L1__P	td	0.138	0.400				++
#BO_L2__Z	Z	-35.589	-35.626	0.200	-0.200	0.037	+
#BO_L2__X	X	-60.912	-60.883	0.200	-0.200	-0.029	-
#BO_L2__D	D	9.534	10.200	0.200	-0.200	-0.666	-0.466
#BO_L2__P	td	0.094	0.400				+
#BO_L3__Z	Z	-67.996	-67.975	0.200	-0.200	-0.021	-
#BO_L3__X	X	3.336	3.307	0.200	-0.200	0.029	+
#BO_L3__D	D	9.577	10.200	0.200	-0.200	-0.623	-0.423
#BO_L3__P	td	0.072	0.400				+
↓ #FL_L2__Y	Y	195.478	195.500	0.200	-0.200	-0.022	-
↓ #FL_M1__Y	Y	135.657	135.770	0.100	-0.100	-0.113	-0.013
↓ #FL_M4__Y	Y	135.746	135.770	0.100	-0.100	-0.024	-
↓ #FL_W2__Y	Y	198.023	198.180	0.200	-0.200	-0.157	----
#BO_J__D2	D	9.313	9.000	0.300	0.000	0.313	0.013 9.3
#BO_R__D2	D	9.308	9.000	0.300	0.000	0.308	0.008 9.3

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 25/10/12 19.41.57

SCATOLA CAMBIO M5MT PROFILO smusso foro OL

12/10/17 04:51:05

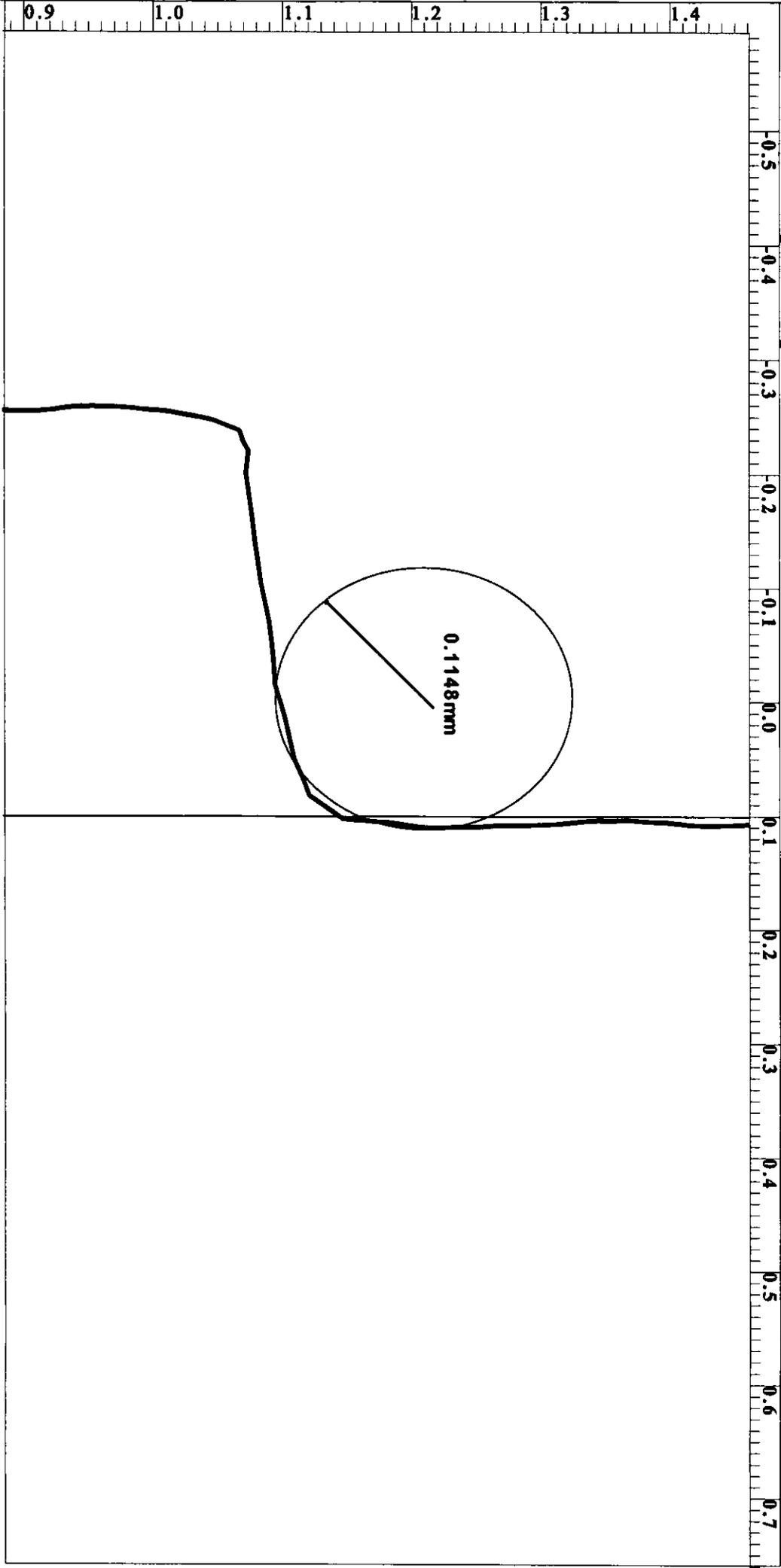
Meas Result Geo Data X Mag: x167.1 Z Mag: x72.54



**SCATOLA CAMBIO M5MT
PROFILO RAGGIO LAMATURA FORO SD2**

12/10/17 03:22:06

Meas Result Geo Data X Mag: x200 Z Mag: x224.6

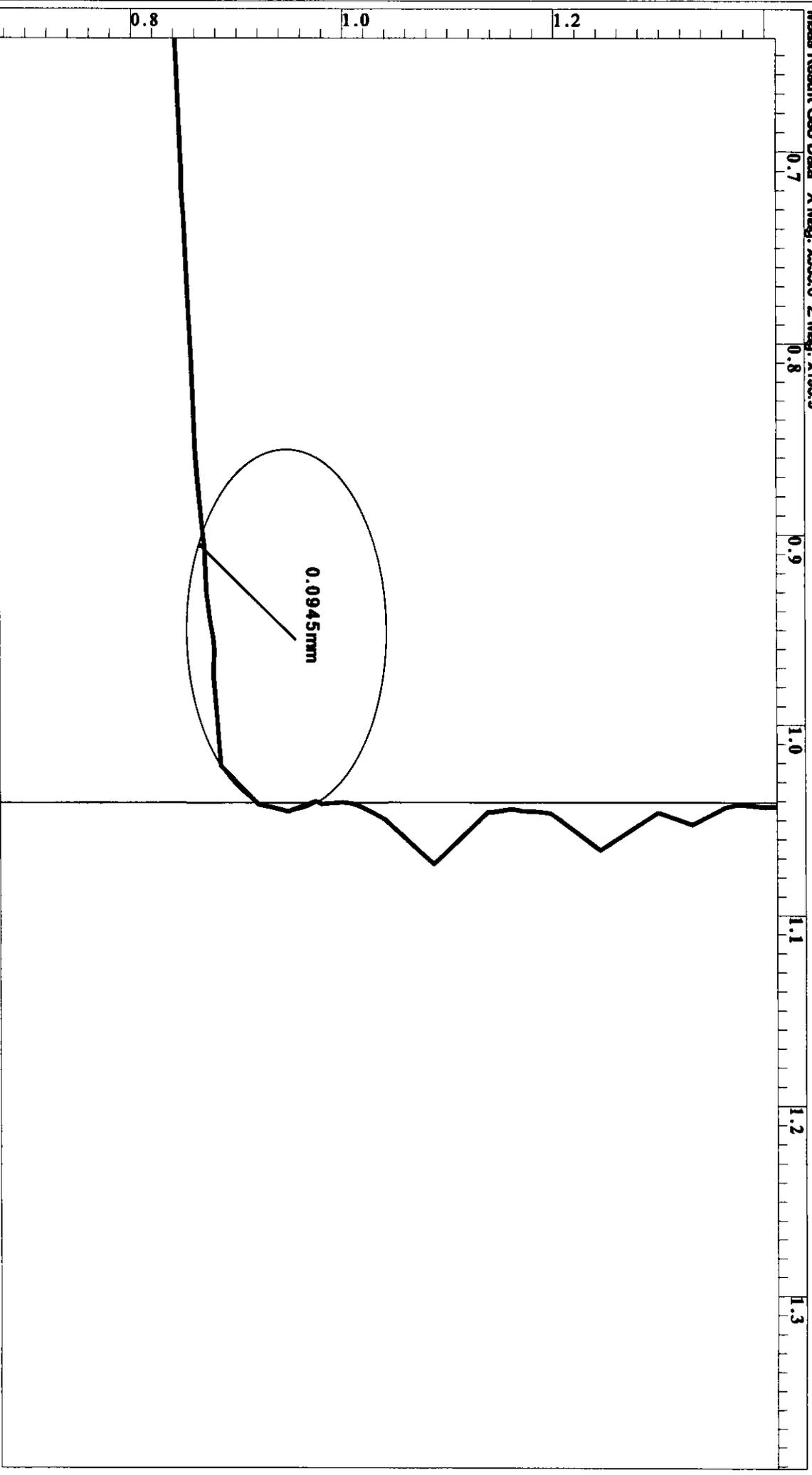


OK
RW

SCATOLA CAMBIO M5MT PROFILO RAGGIO LAMATURA FORO SD1

12/10/17 03:02:44

Meas Result Geo Data X Mag: x353.6 Z Mag: x193.9

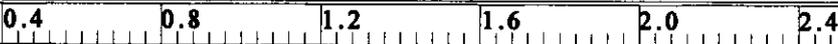
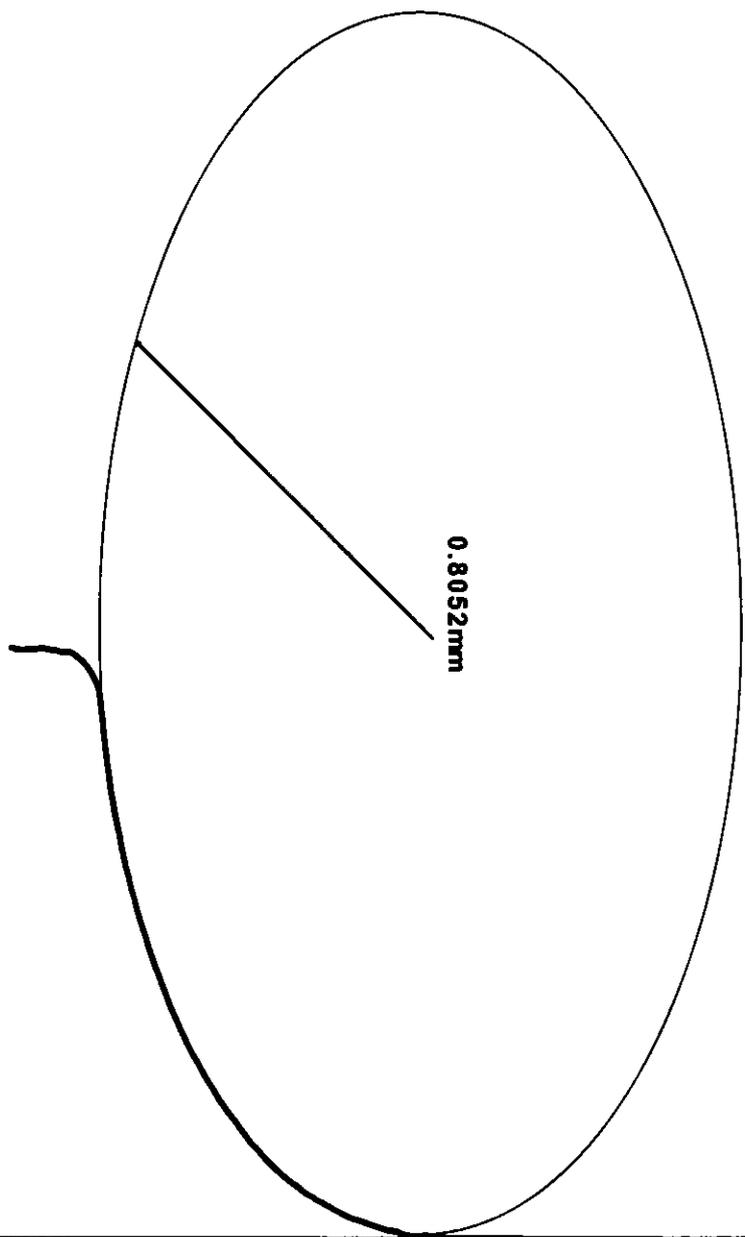


04
10

SCATOLA CAMBIO M5MT PROFILO RAGGIO FORO SD2

12/10/17 03:15:27

Messa Result: Geo Data X Mag: x100 Z Mag: x52.15

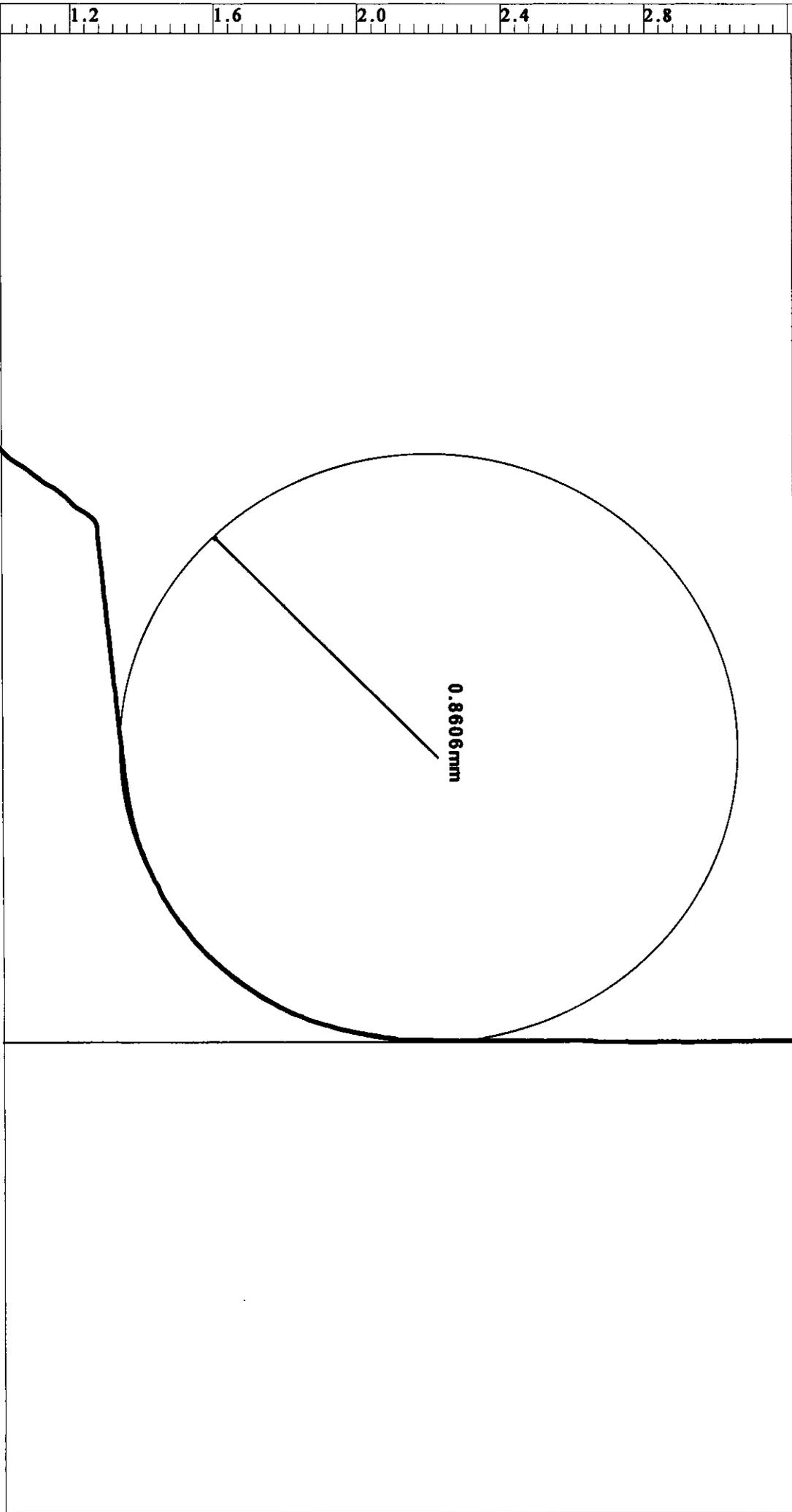
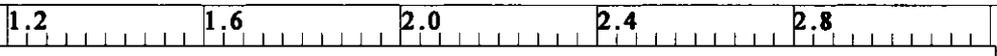
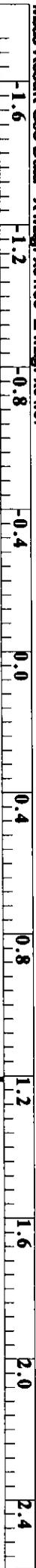


OK
10

**SCATOLA CAMBIO M5MT
PROFILO RAGGIO FORO SD1**

12/10/17 02:47:50

Meas Result Geo Data X Mag: x61.85 Z Mag: x64.37

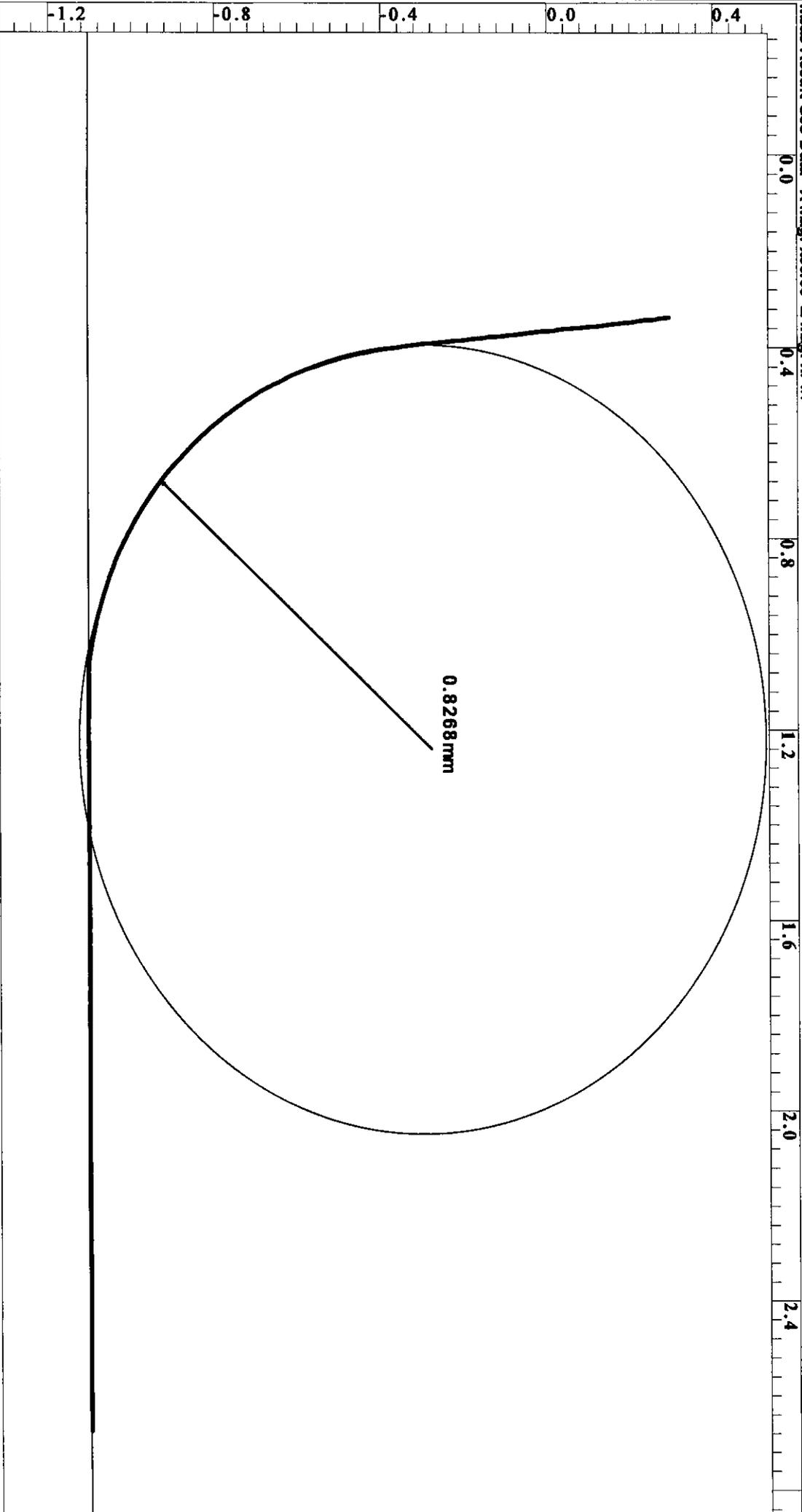


ORP

SCATOLA CAMBIO M5MT
PROFILO RAGGIO FORO "P"

12/10/18 01:19:27

Meas Result: Geo Data X Mag: x86.66 Z Mag: x74.7

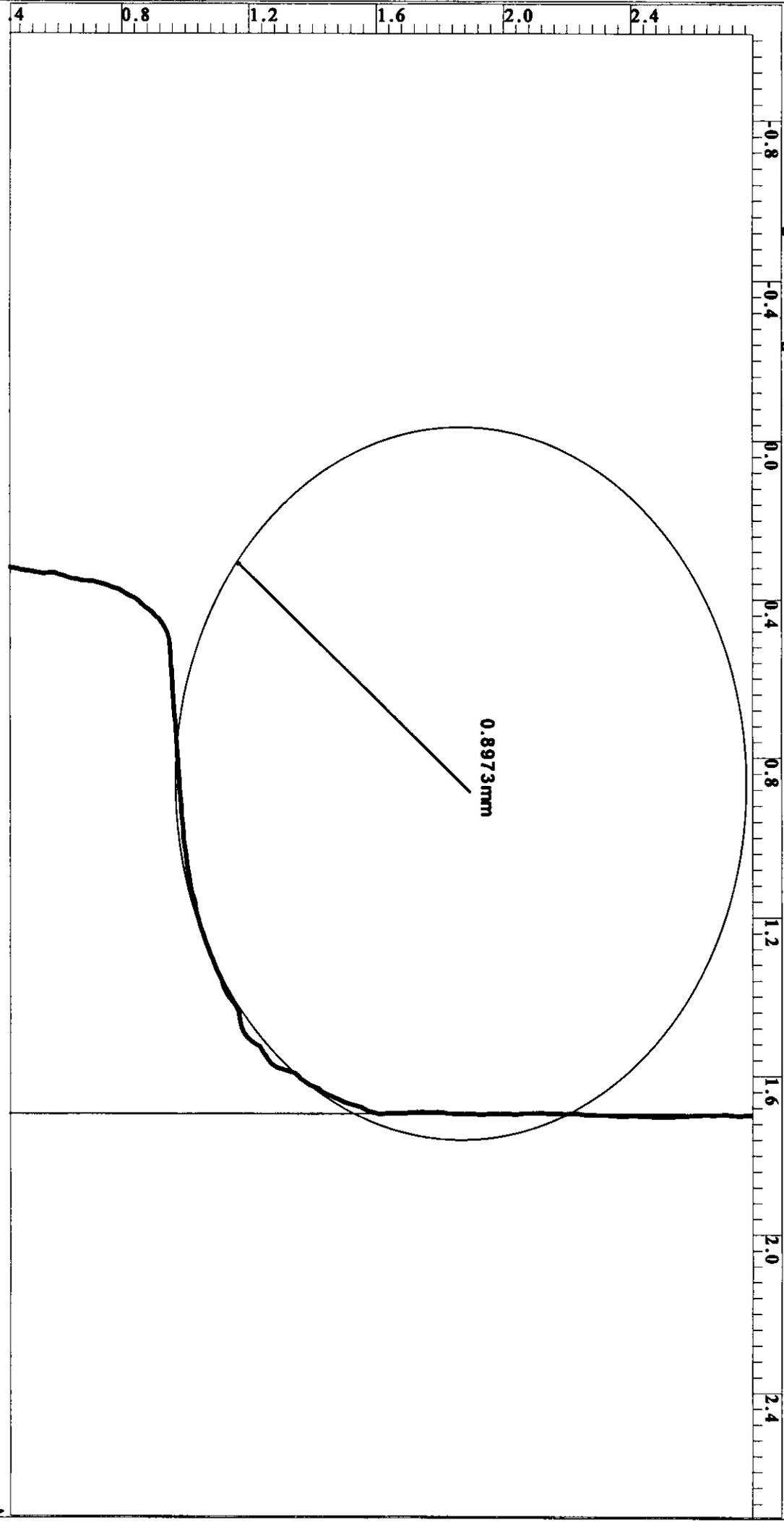


OK
pe

**SCATOLA CAMBIO M5MT
PROFILO RAGGIO FORO DG4**

12/10/17 02:25:51

Meas Result: Geo Data X Mag: x72.61 Z Mag: x57.63

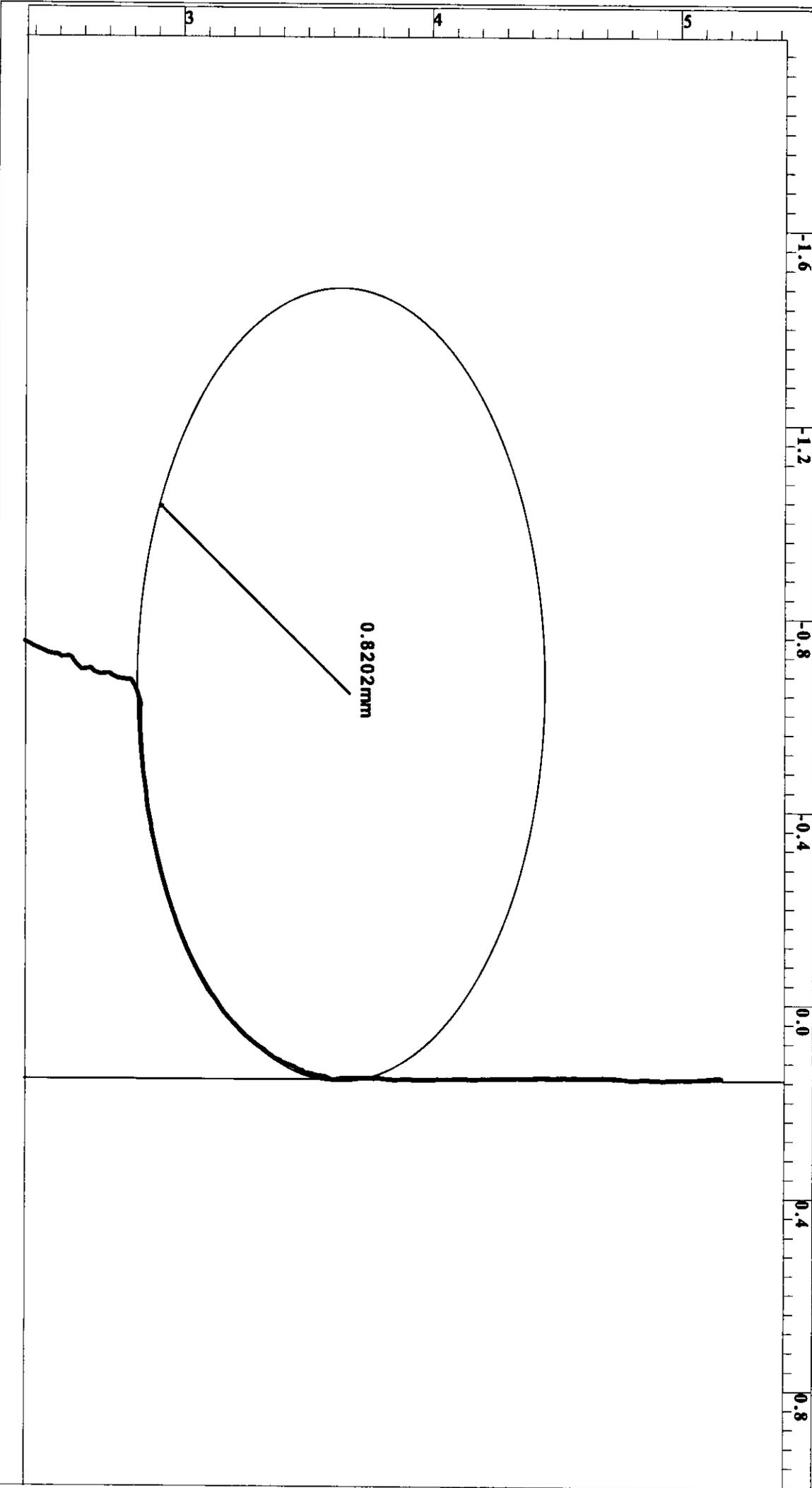


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SCATOLA CAMBIO M5MT
PROFILO RAGGIO FORO DG1

12/10/17 02:05:41

Meas Result Geo Data X Mag: x90.28 Z Mag: x46.04

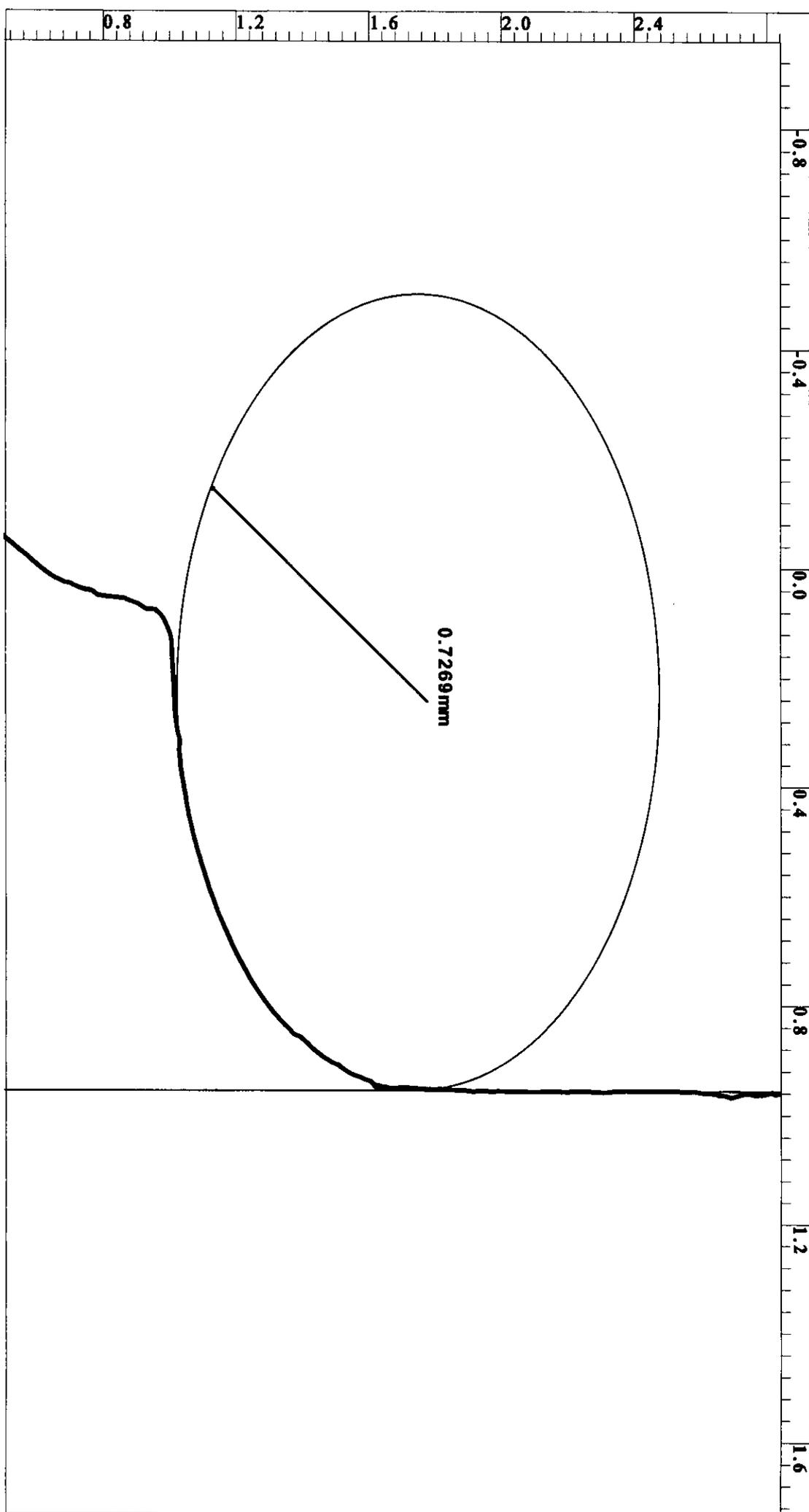


OK PJ

**SCATOLA CAMBIO MSMT
PROFILO RAGGIO FORO DG2**

12/10/17 02:11:53

Meas Result Geo Data X Mag: x99.02 Z Mag: x59.52

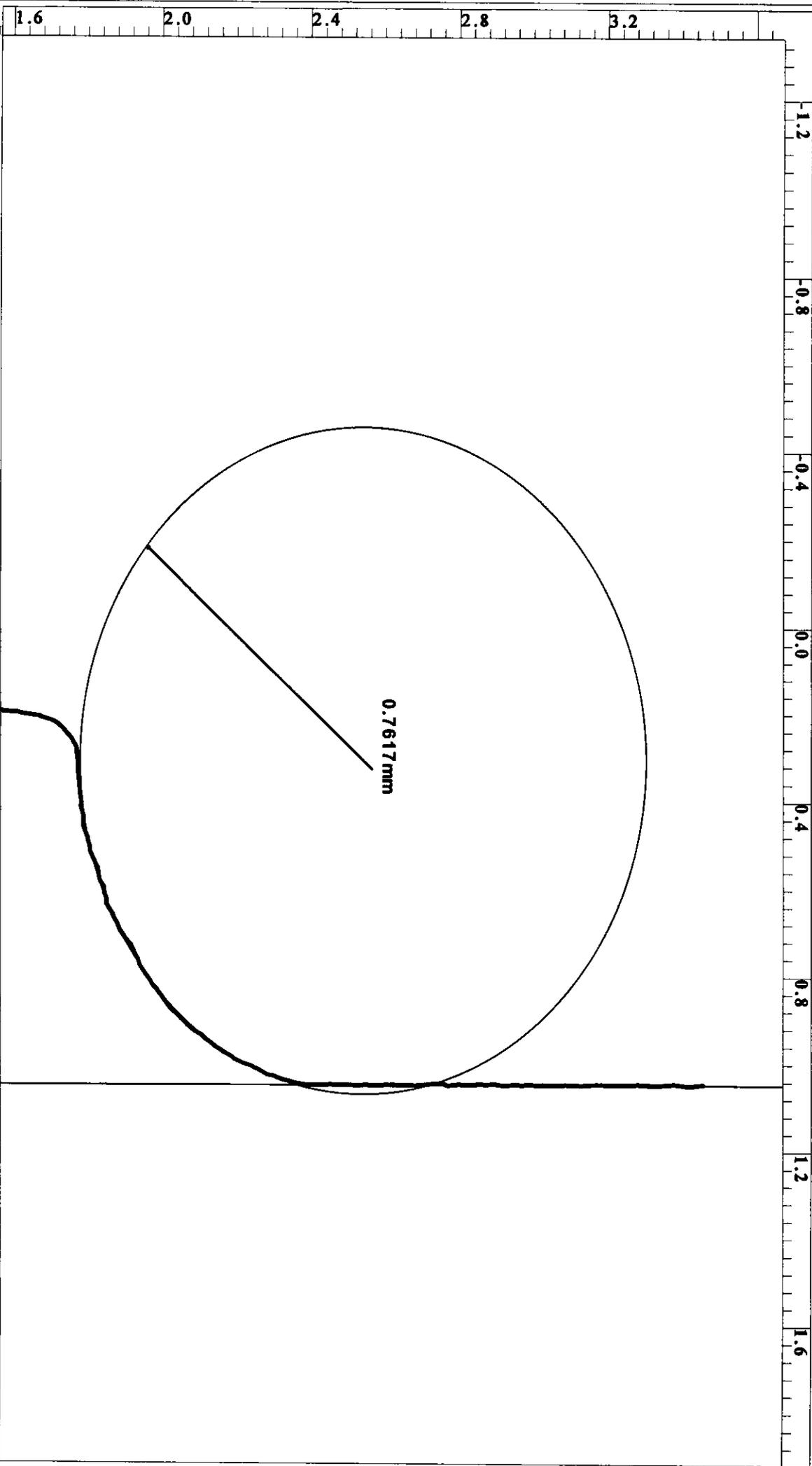


OK
19

**SCATOLA CAMBIO MSMT
PROFILO RAGGIO FORO DG3**

12/10/17 02:18:57

Meas Result Geo Data X Mag: x82.54 Z Mag: x89.49

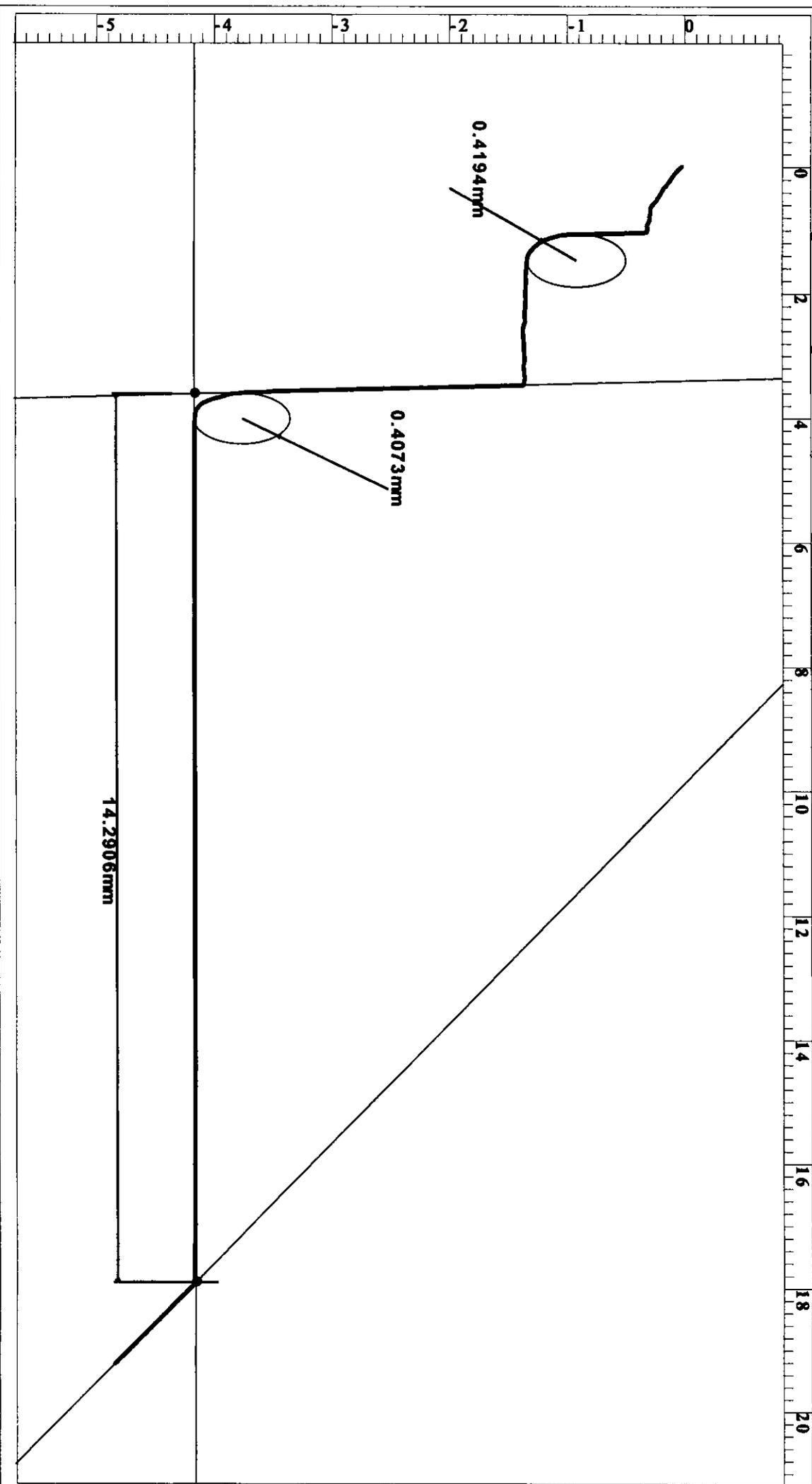


OK

SCATOLA CAMBIO M5MT PROFILO RAGGIO ØD X2+ DISTANZA

12/10/17 05:53:30

Meas Result Geo Data X Mag: x11.62 Z Mag: x21.79

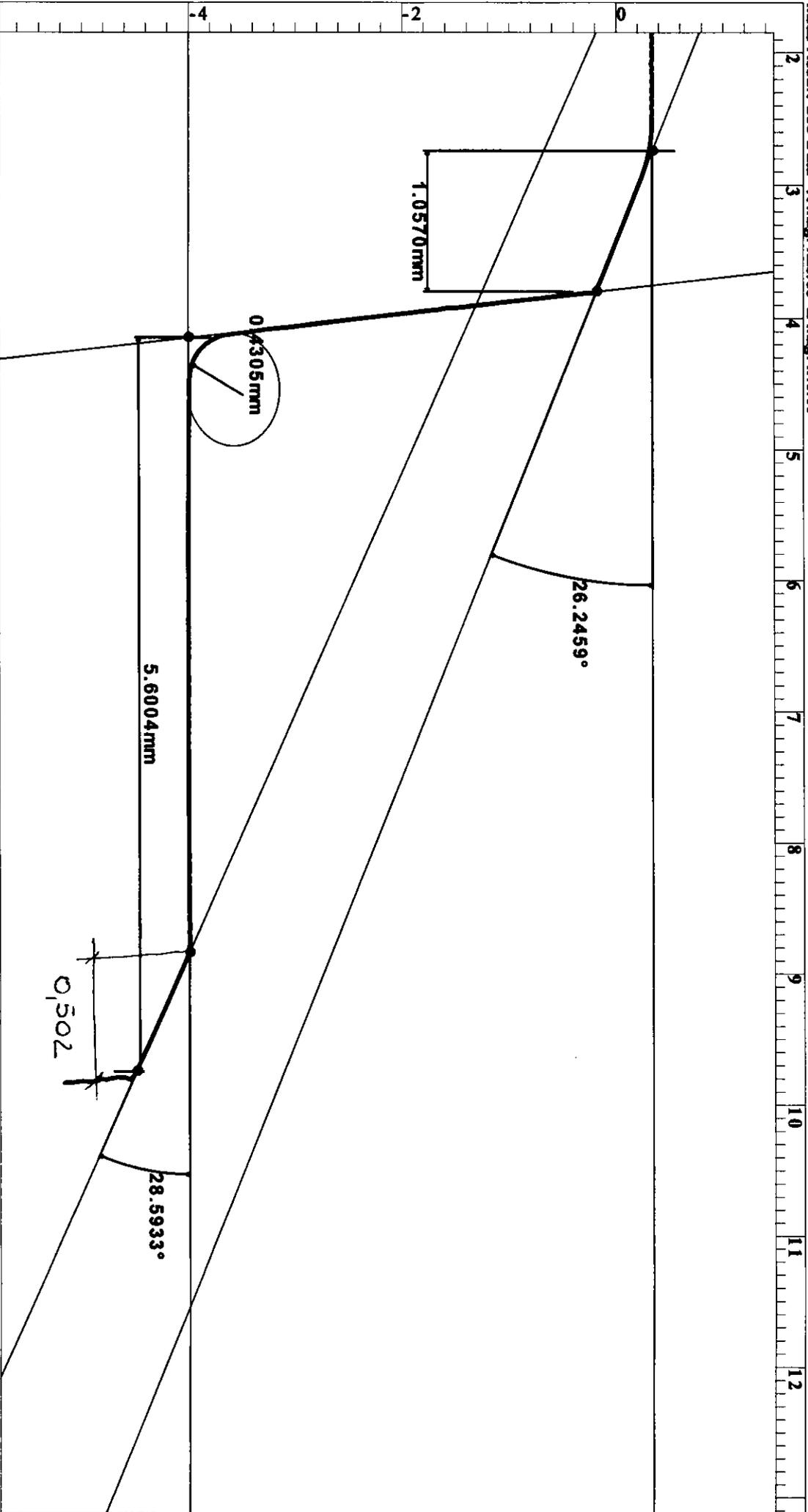


OK JP

**SCATOLA CAMBIO M5MT
PROFILO RAGGIO+ DISTANZA + SMUSSO Ø 64+
SMUSSO Ø 55**

12/10/17 05:23:42

Meas Result Geo Data X Mag: x23.63 Z Mag: x19.09

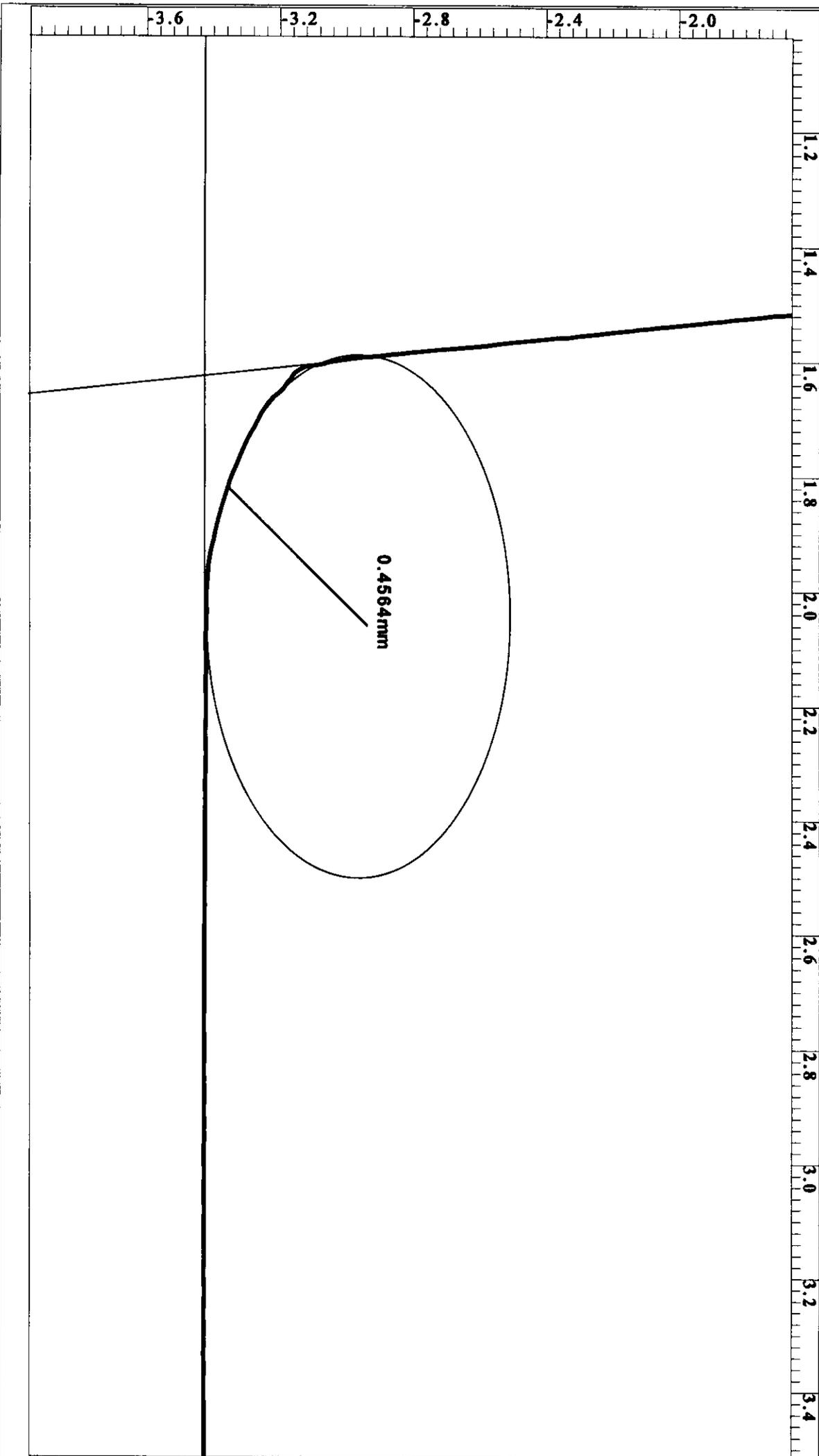


2/12

**SCATOLA CAMBIO MSMT
PROFILO RAGGIO Ø 65**

12/10/17 05:00:29

Meas Result Geo Data X Mag: x109.1 Z Mag: x62.77

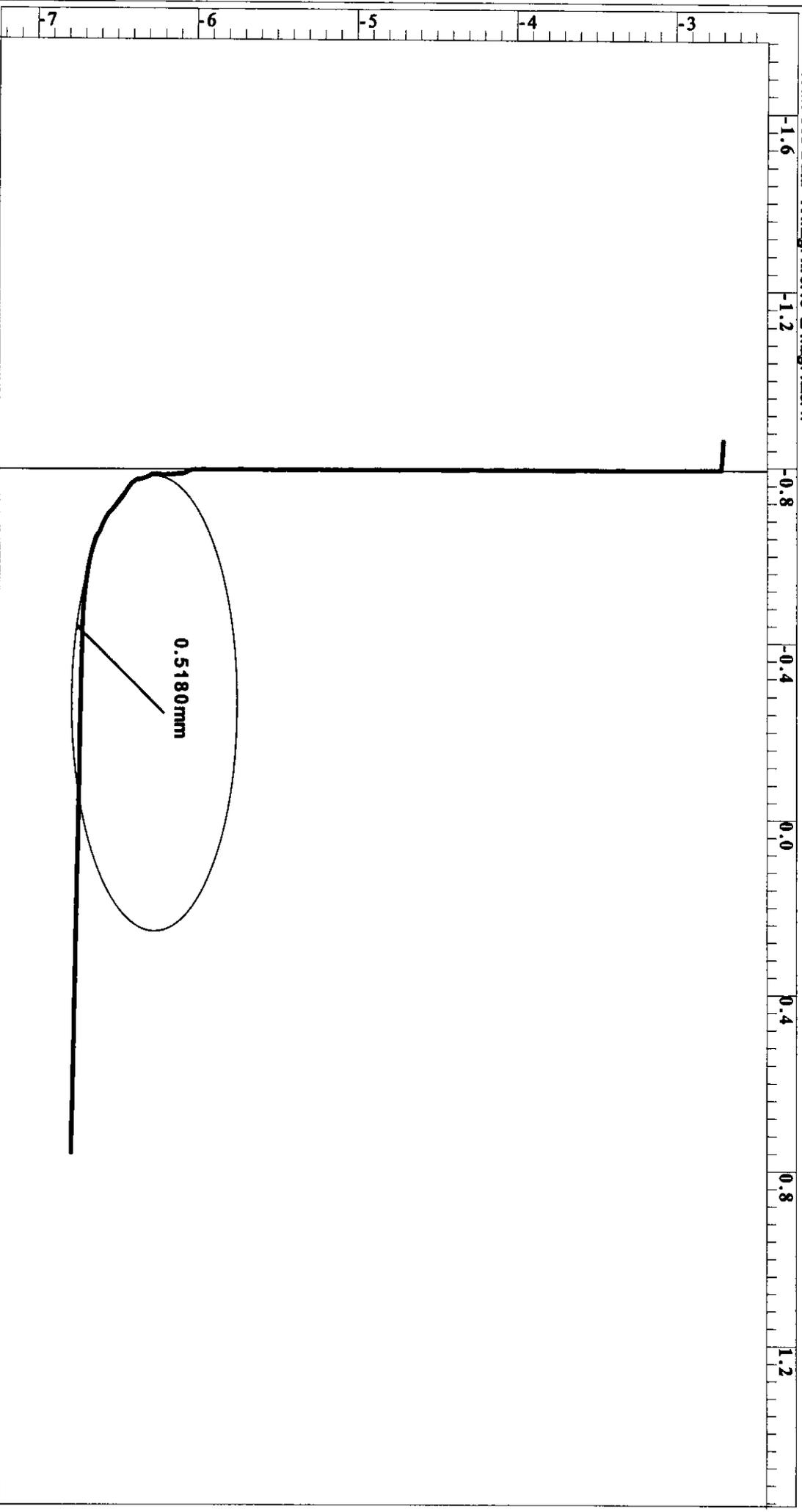


OK

SCATOLA CAMBIO M5MT PROFILO RAGGIO FORO "S"

12/10/18 01:08:46

Meas Result Geo Data X Meq: x79.18 Z Meq: x28.47

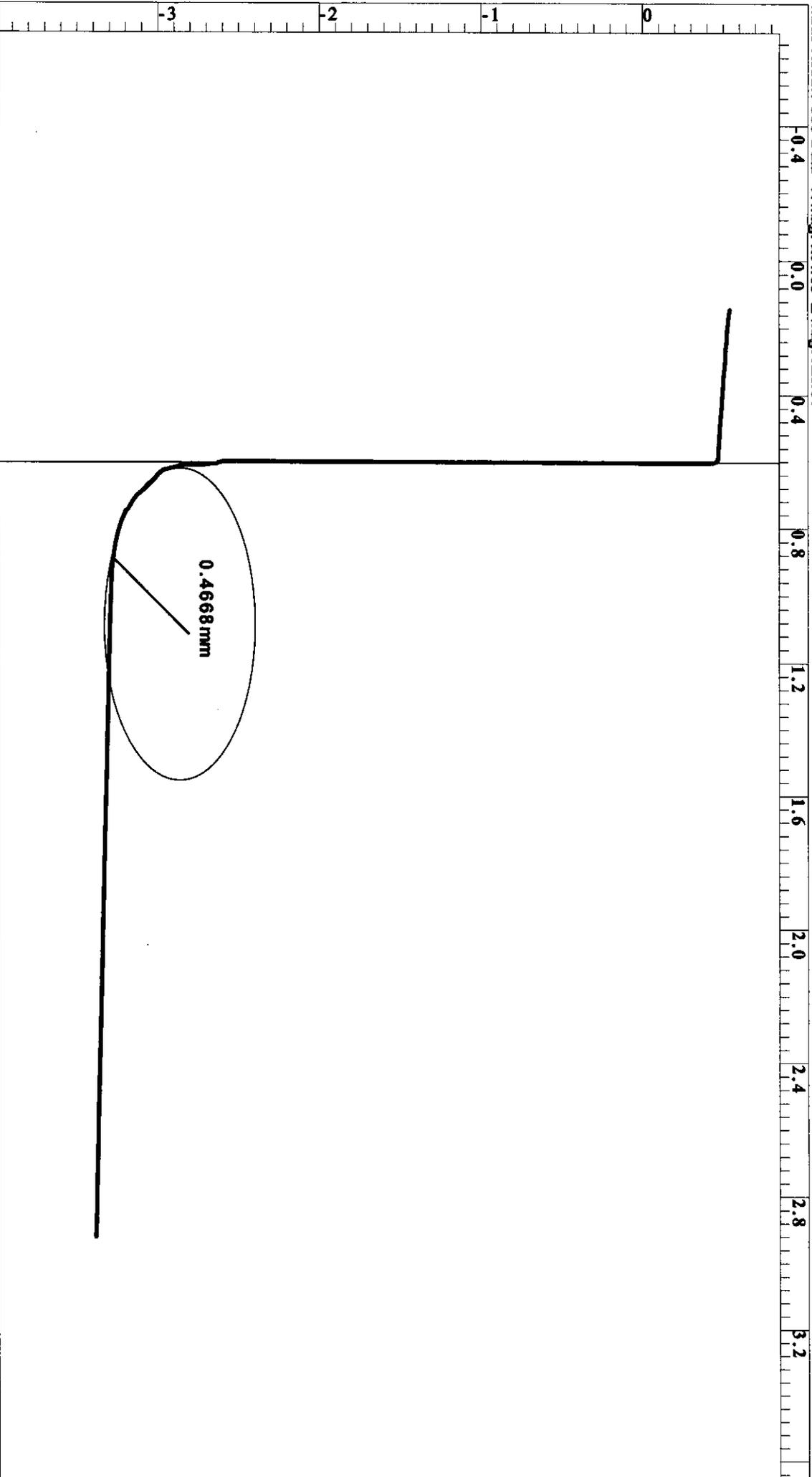


OK per

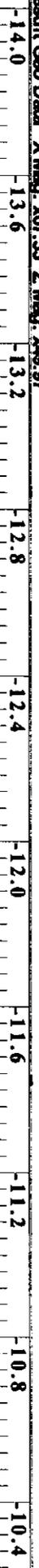
SCATOLA CAMBIO M5MT PROFILO RAGGIO FORO "L"

12/10/18 01:11:55

Mass Result Geo Data X Mag: x61.65 Z Mag: x29.51

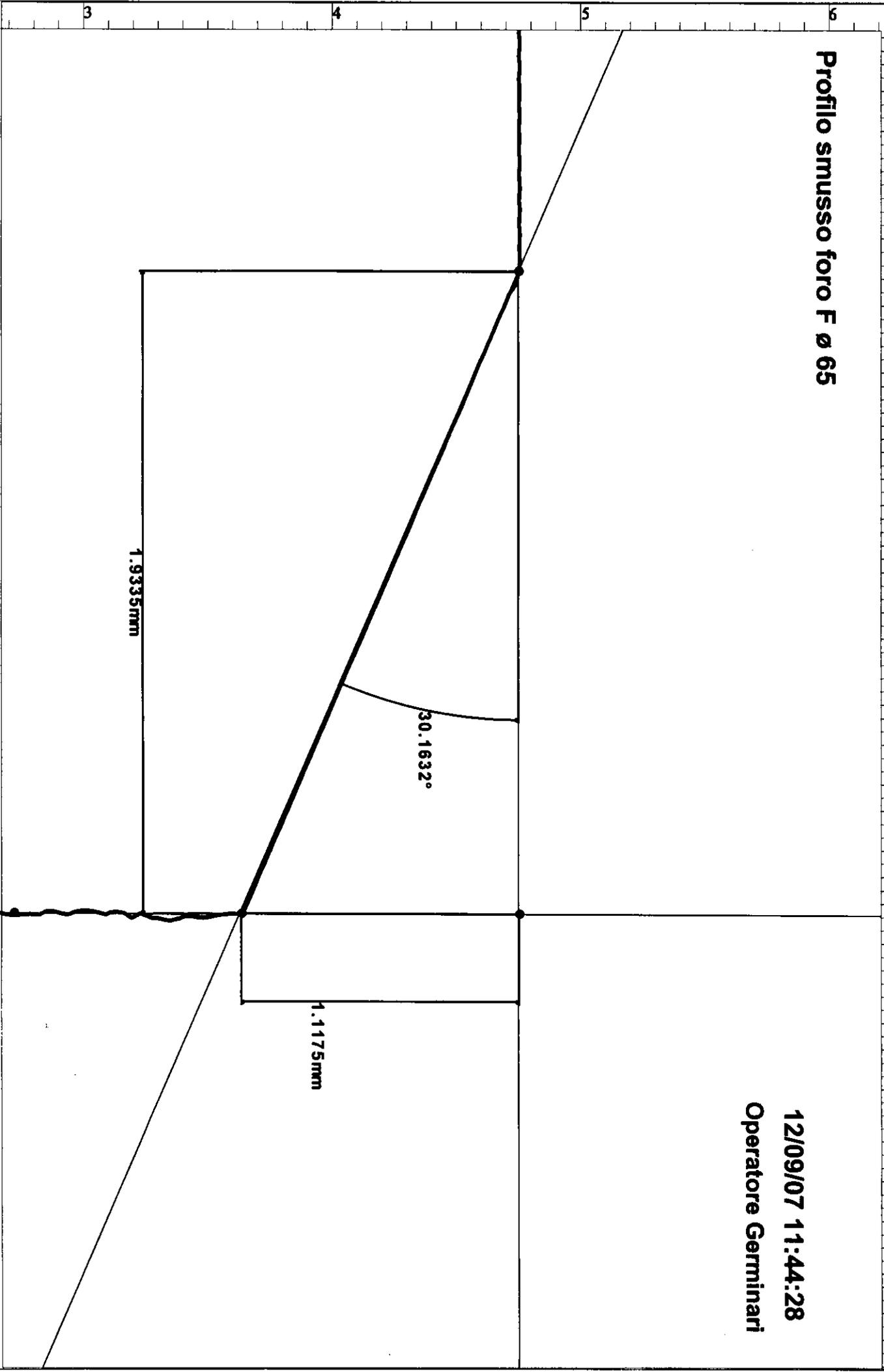


OK *PC*



Profilo smusso foro F Ø 65

12/09/07 11:44:28
Operatore Germinari



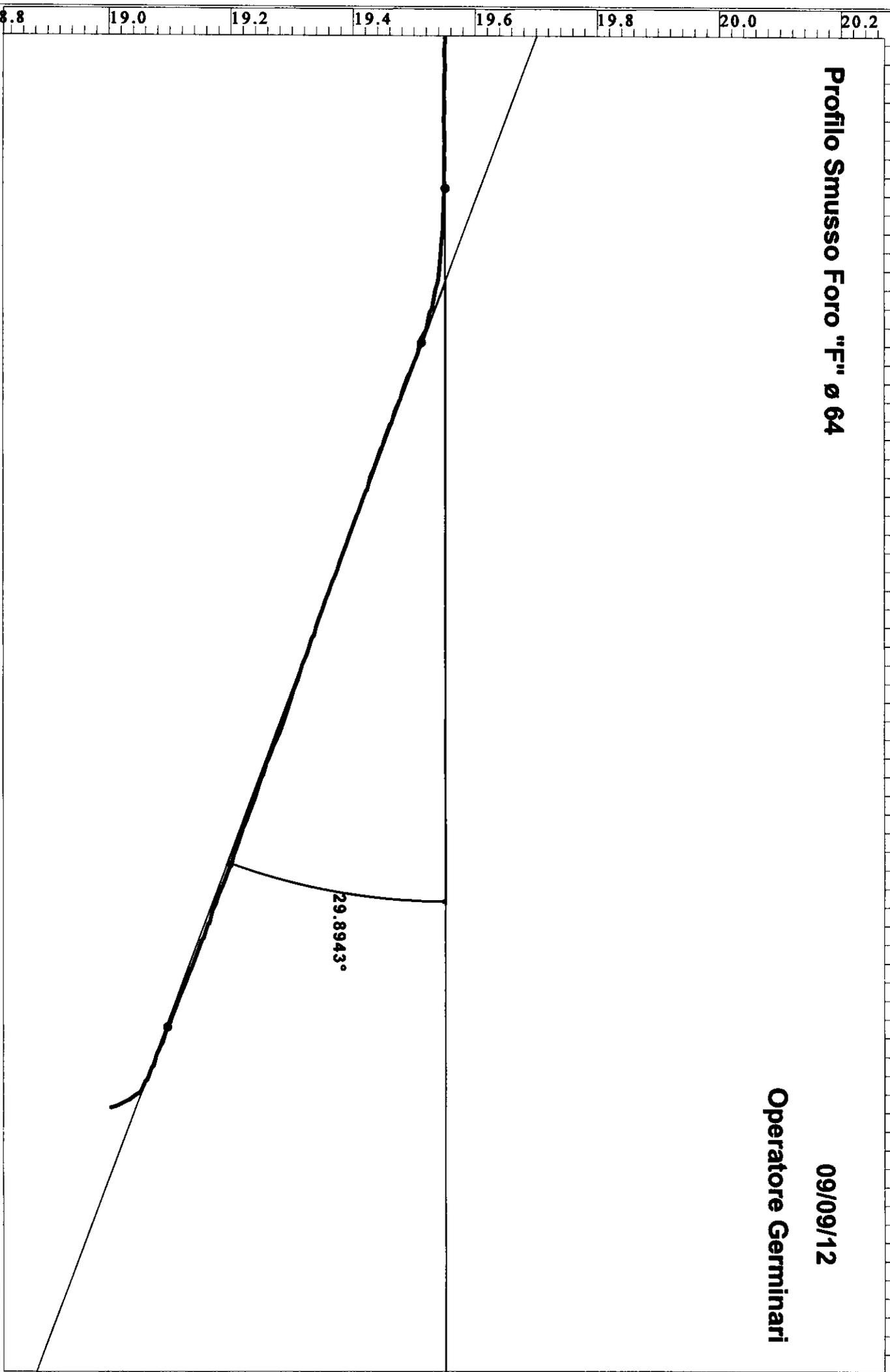
OK

-33.6 -33.4 -33.2 -33.0 -32.8 -32.6 -32.4

Profilo Smusso Foro "F" Ø 64

09/09/12

Operatore Germinari

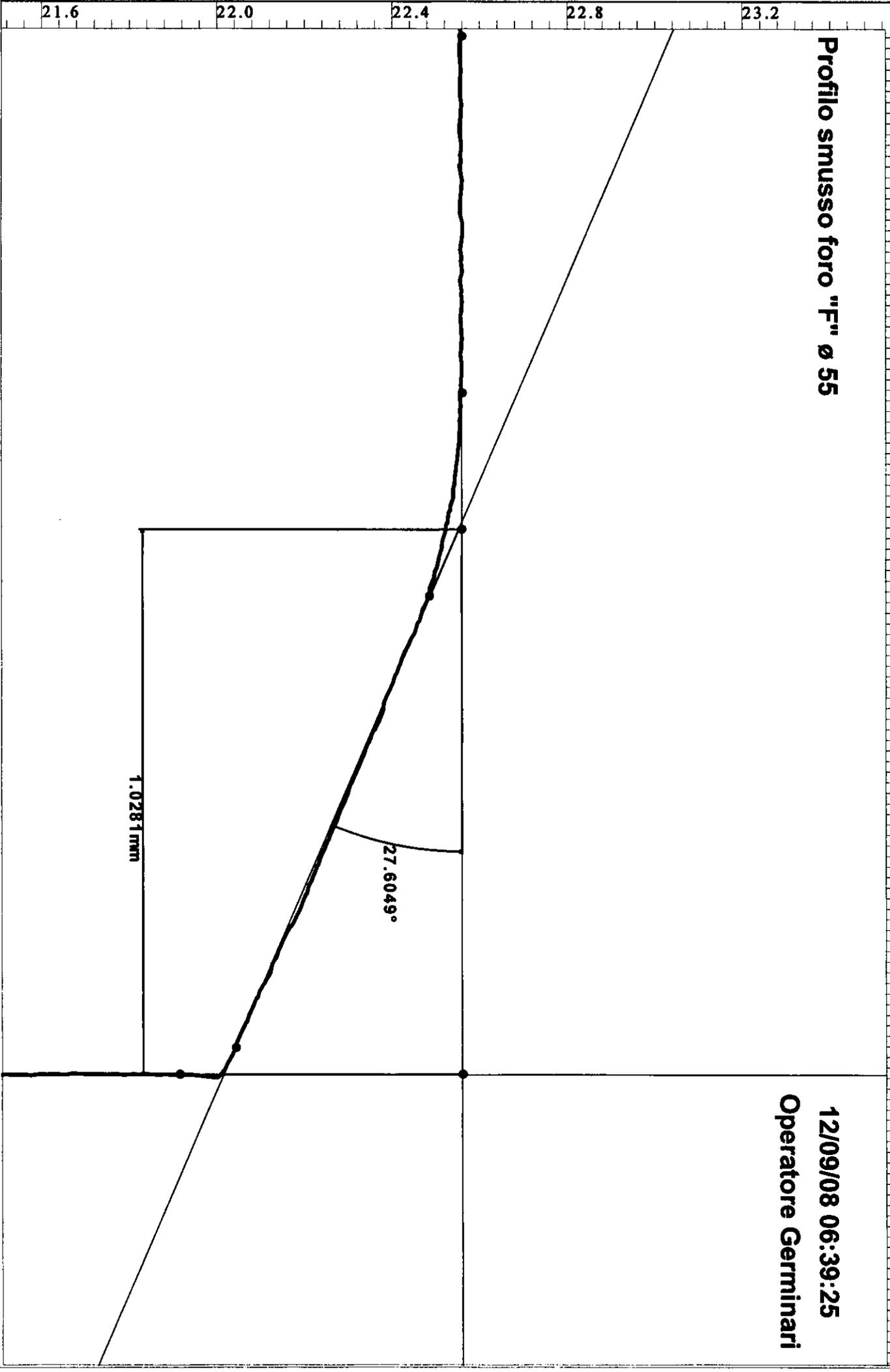


QV

41.4 41.2 41.0 40.8 40.6 40.4 40.2 40.0 39.8 39.6 39.4 39.2

Profilo smusso foro "F" ø 55

12/09/08 06:39:25
Operatore Germinari

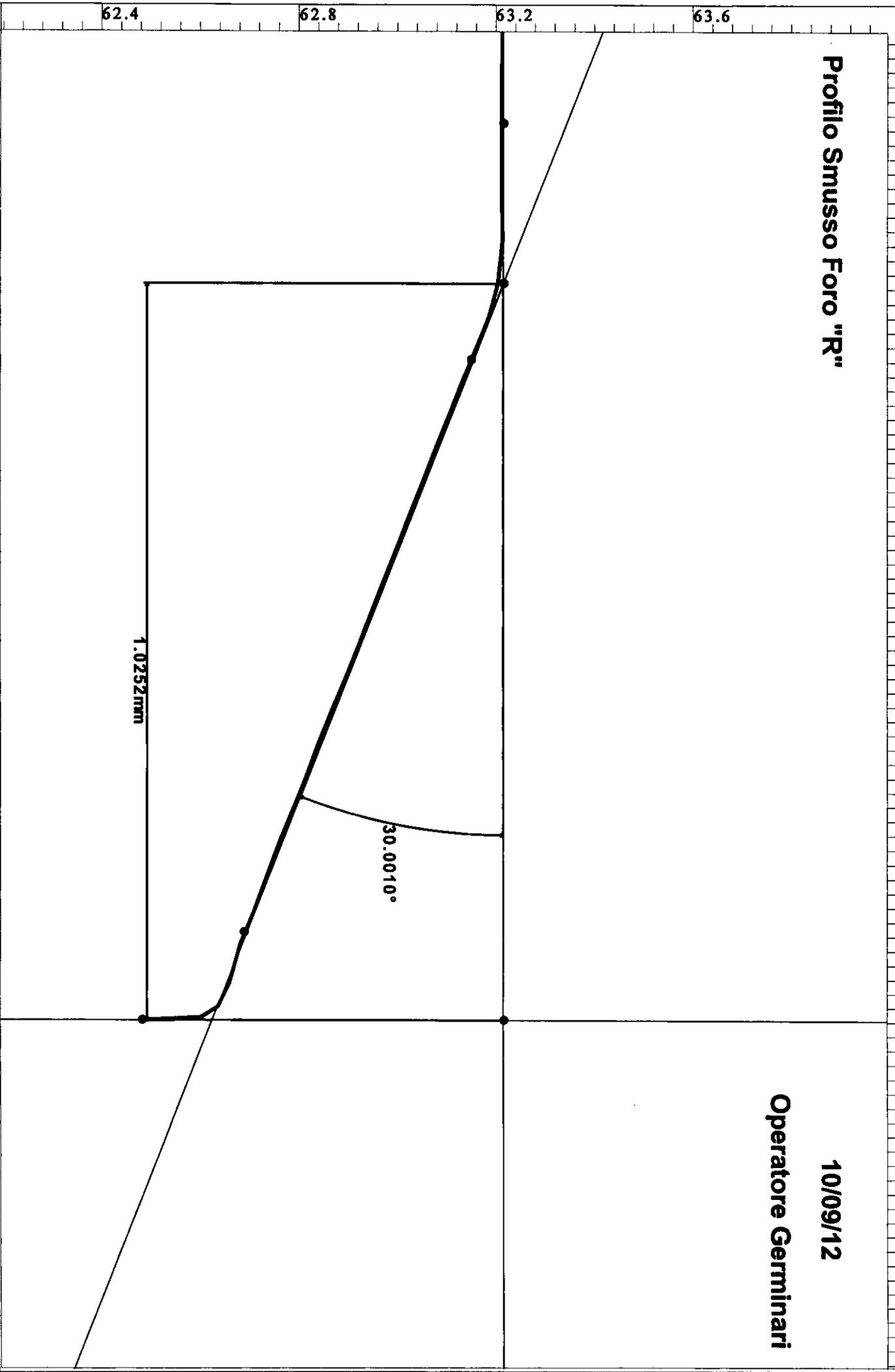


04/10

-54.8 -54.6 -54.4 -54.2 -54.0 -53.8 -53.6 -53.4 -53.2

Profilo Smusso Foro "R"

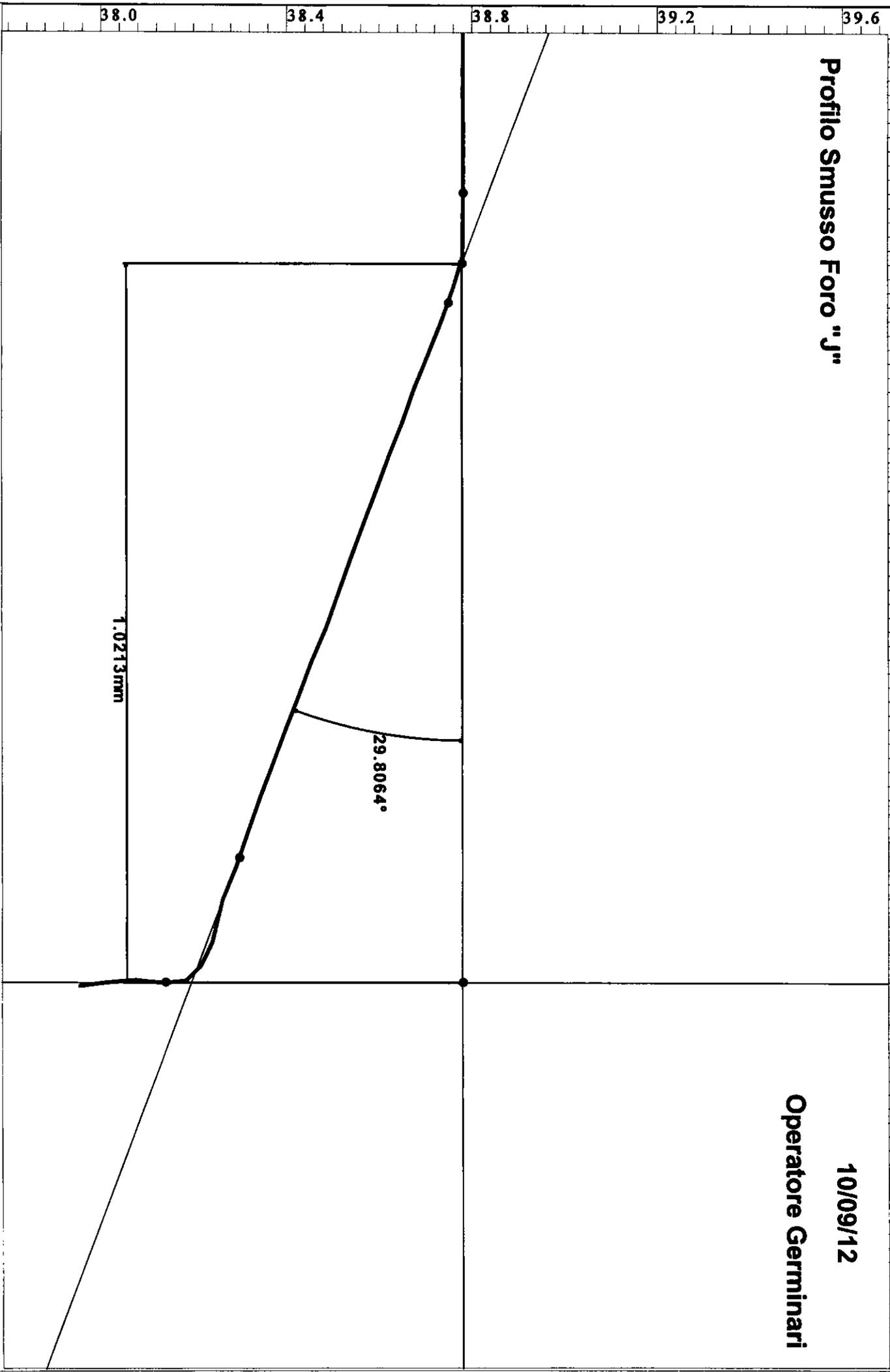
10/09/12
Operatore Germinari



-28.0 -27.8 -27.6 -27.4 -27.2 -27.0 -26.8 -26.6 -26.4

Profilo Smusso Foro "J"

10/09/12
Operatore Germinari

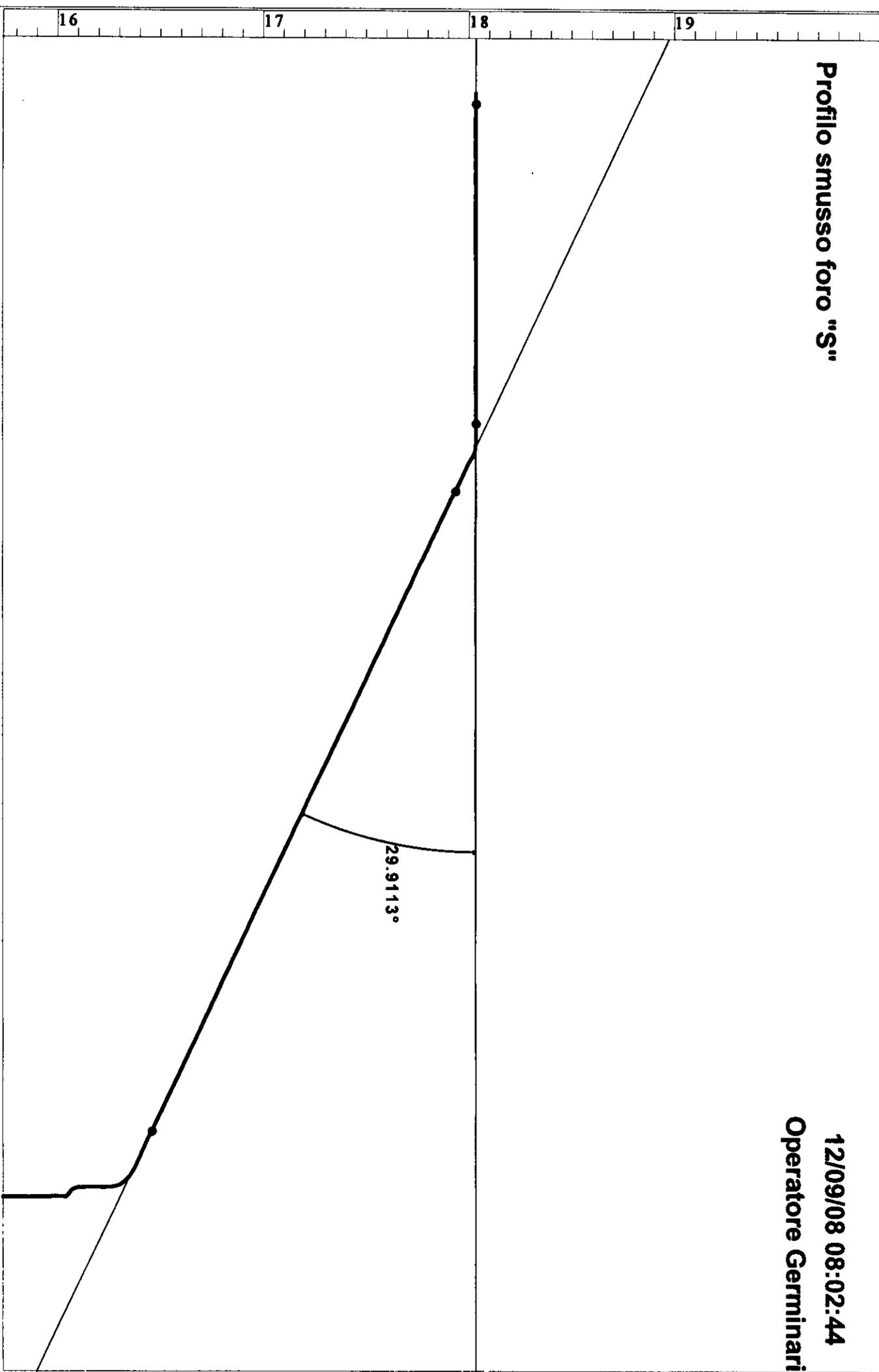


OK



Profilo smusso foro "S"

12/09/08 08:02:44
Operatore Germinari



22/10/08

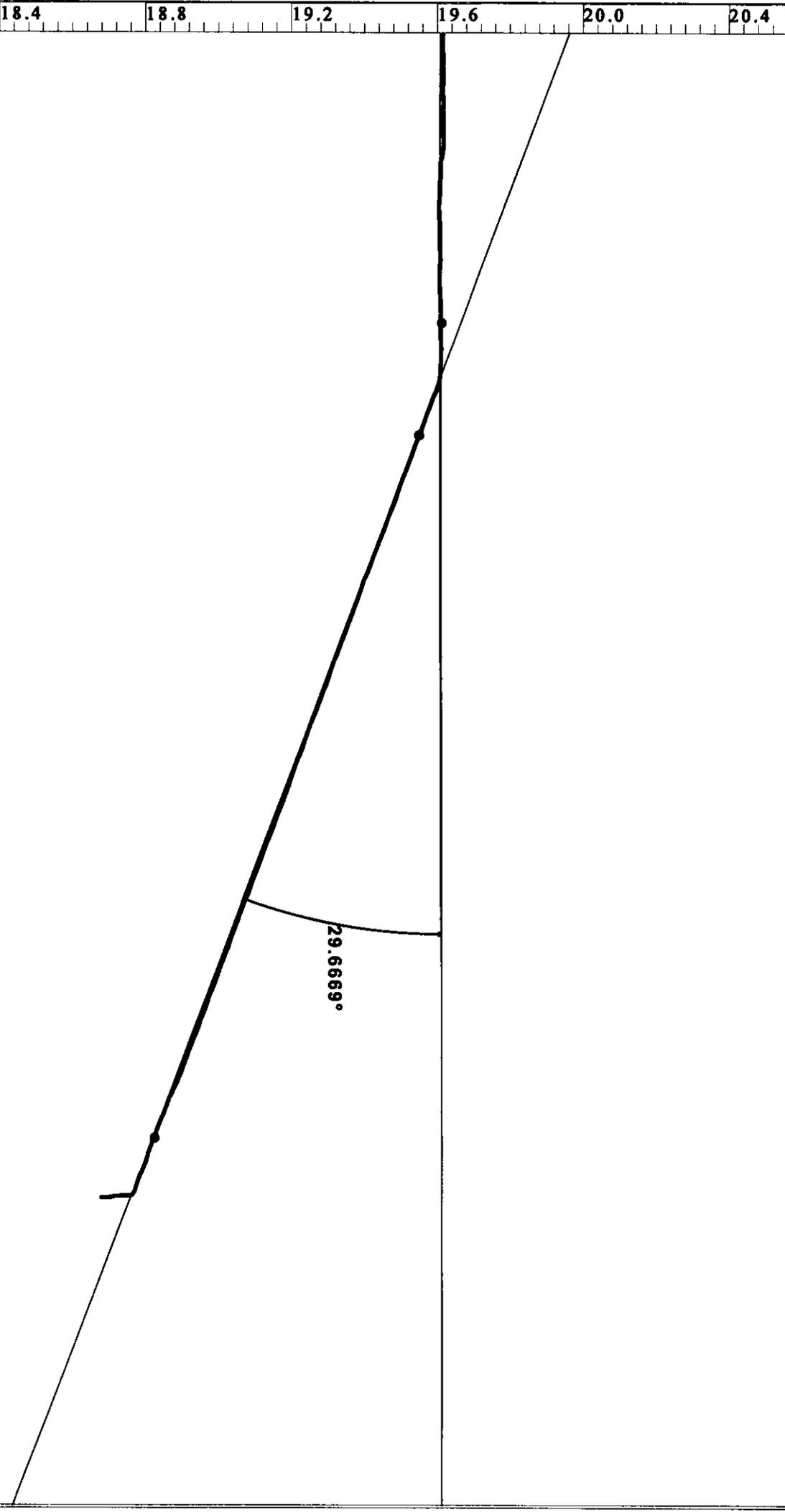
Mass Result: Gpo Data X Map: x100.7 Z Map: x08.49

-41.4 -41.2 -41.0 -40.8 -40.6 -40.4 -40.2 -40.0 -39.8 -39.6 -39.4 -39.2 -39.0

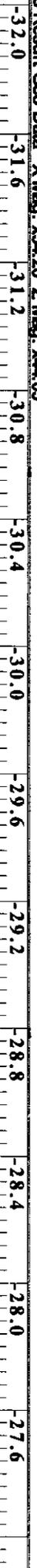
Profilo Smusso Foro "L"

Operatore Germinari

08/09/12



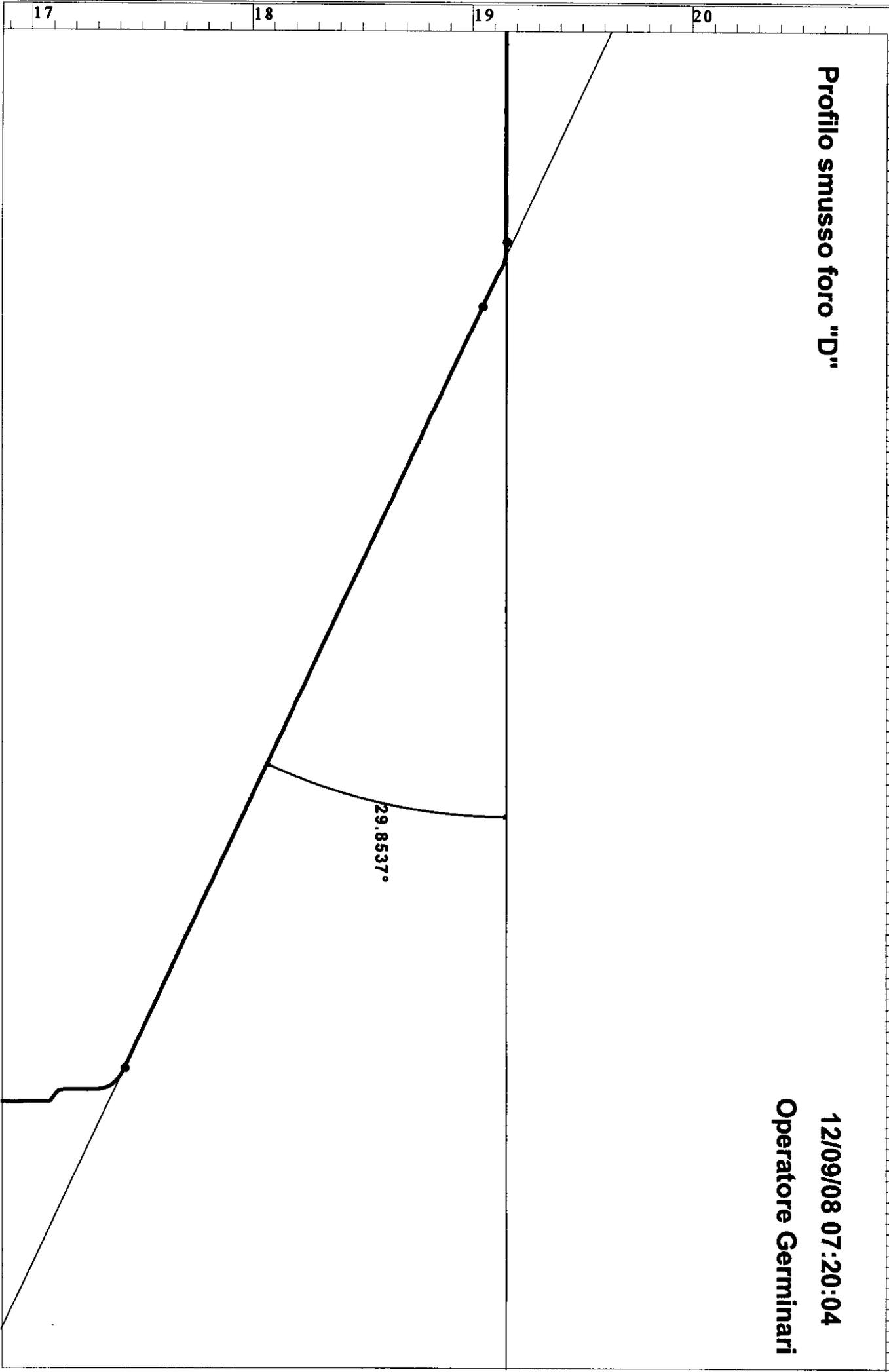
OK



Profilo smusso foro "D"

12/09/08 07:20:04

Operatore Germinari

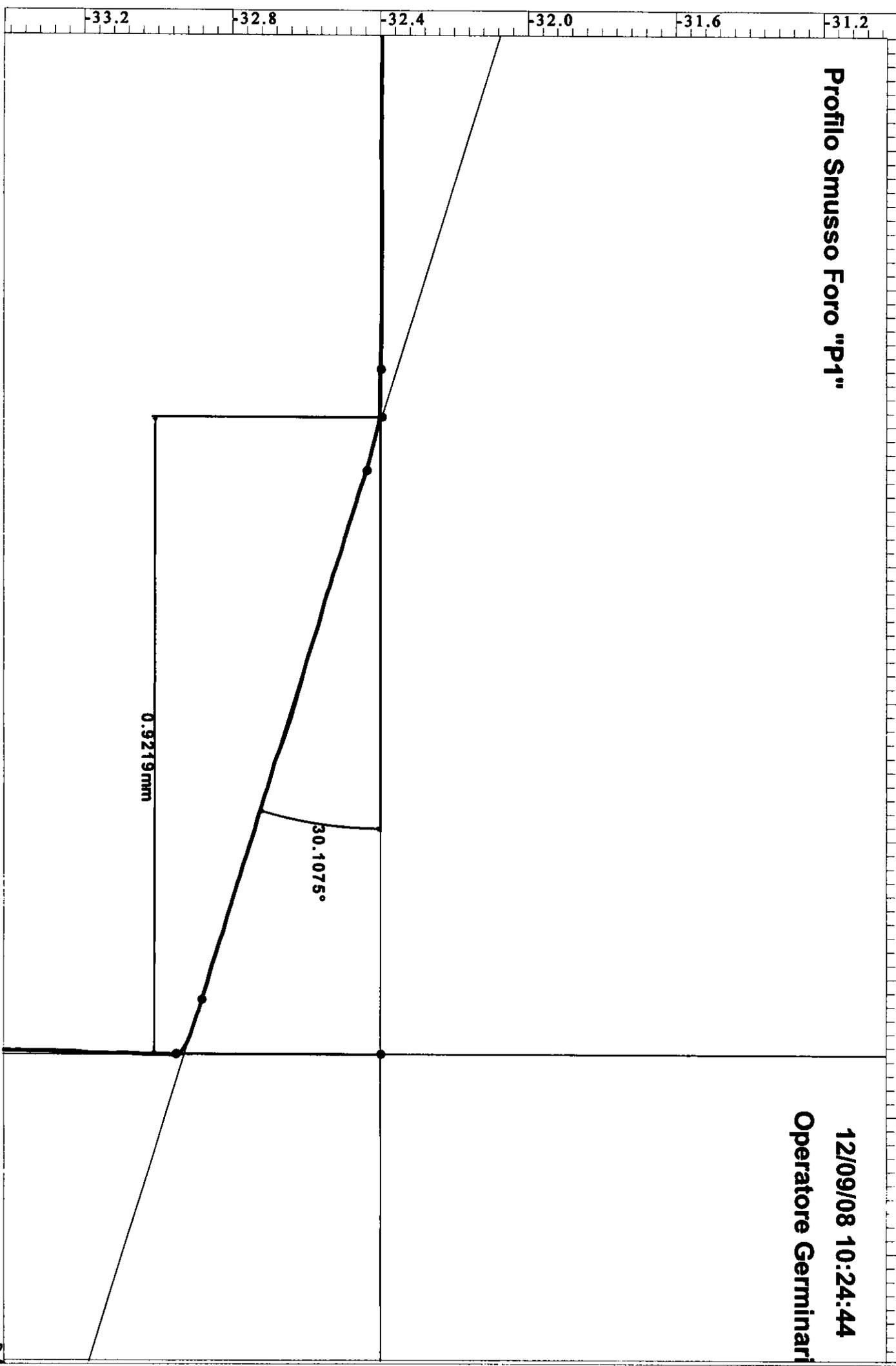


04/08

26.8 27.0 27.2 27.4 27.6 27.8 28.0 28.2 28.4

Profilo Smusso Foro "P1"

12/09/08 10:24:44
Operatore Germinari

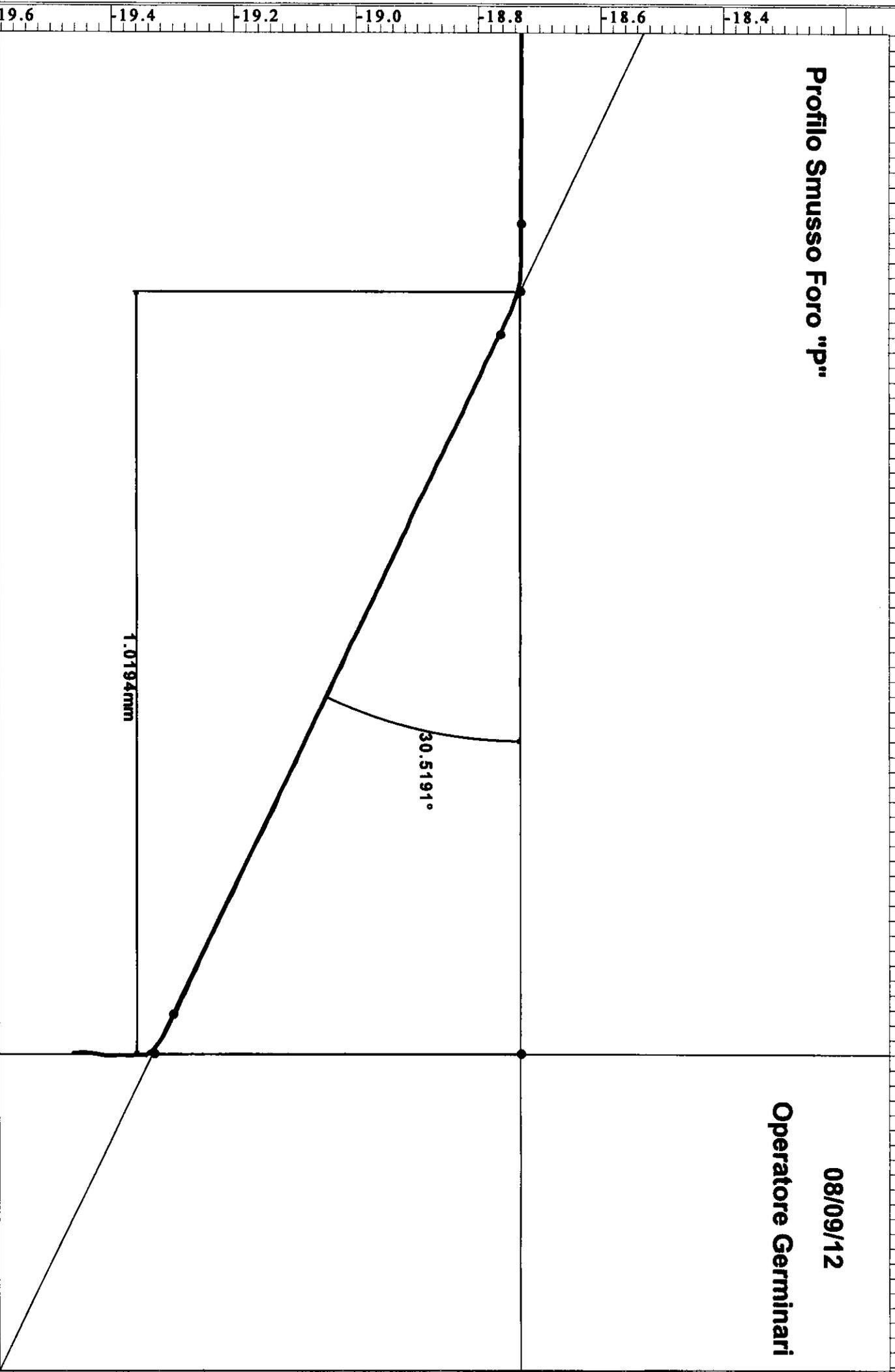


OK
PV

17.2 17.4 17.6 17.8 18.0 18.2 18.4 18.6 18.8

Profilo Smusso Foro "P"

08/09/12
Operatore Germinari

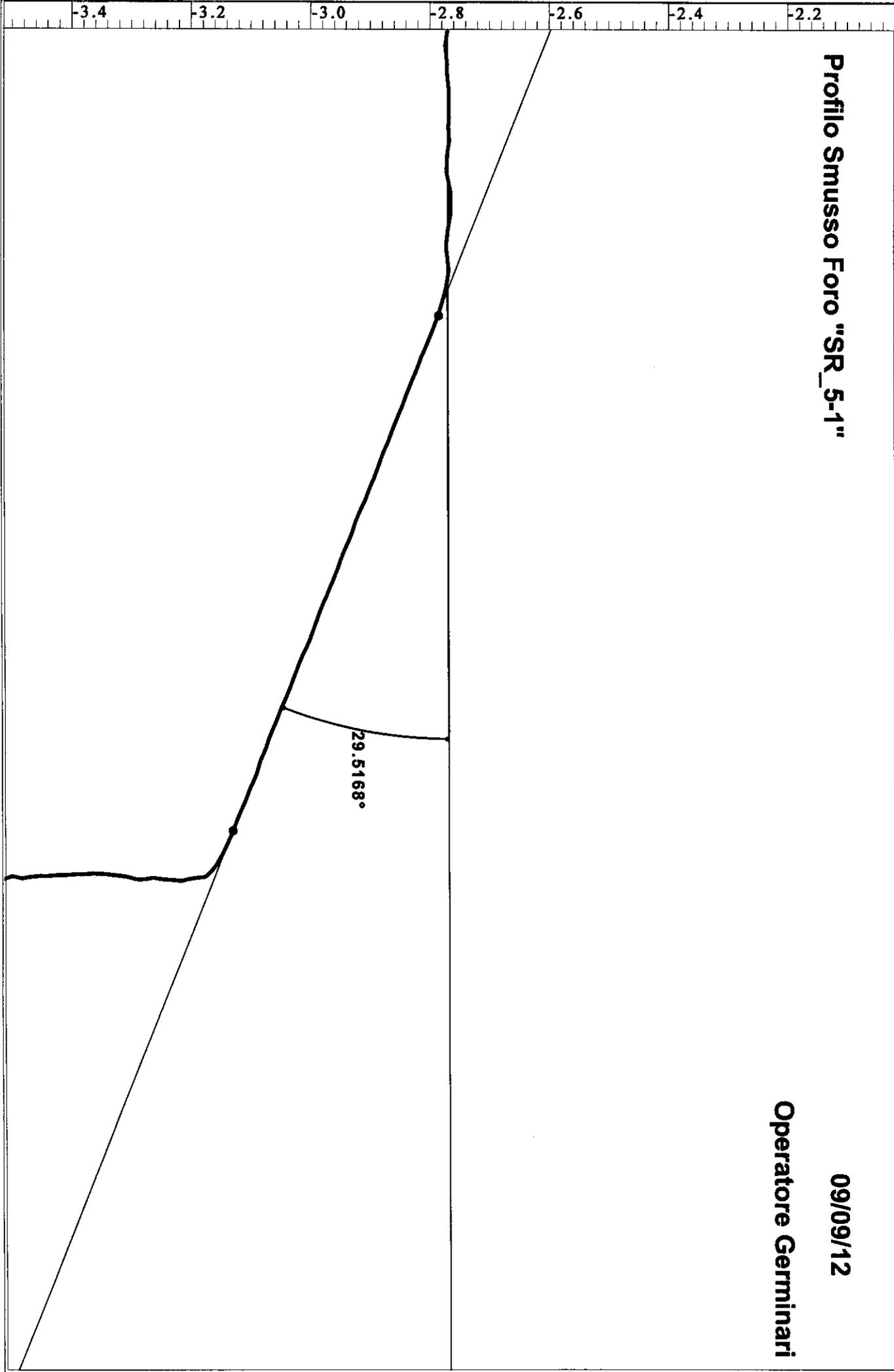


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Profilo Smusso Foro "SR_5-1"

09/09/12
Operatore Germinari



-29.2

-28.8

-28.4

-28.0

-27.6

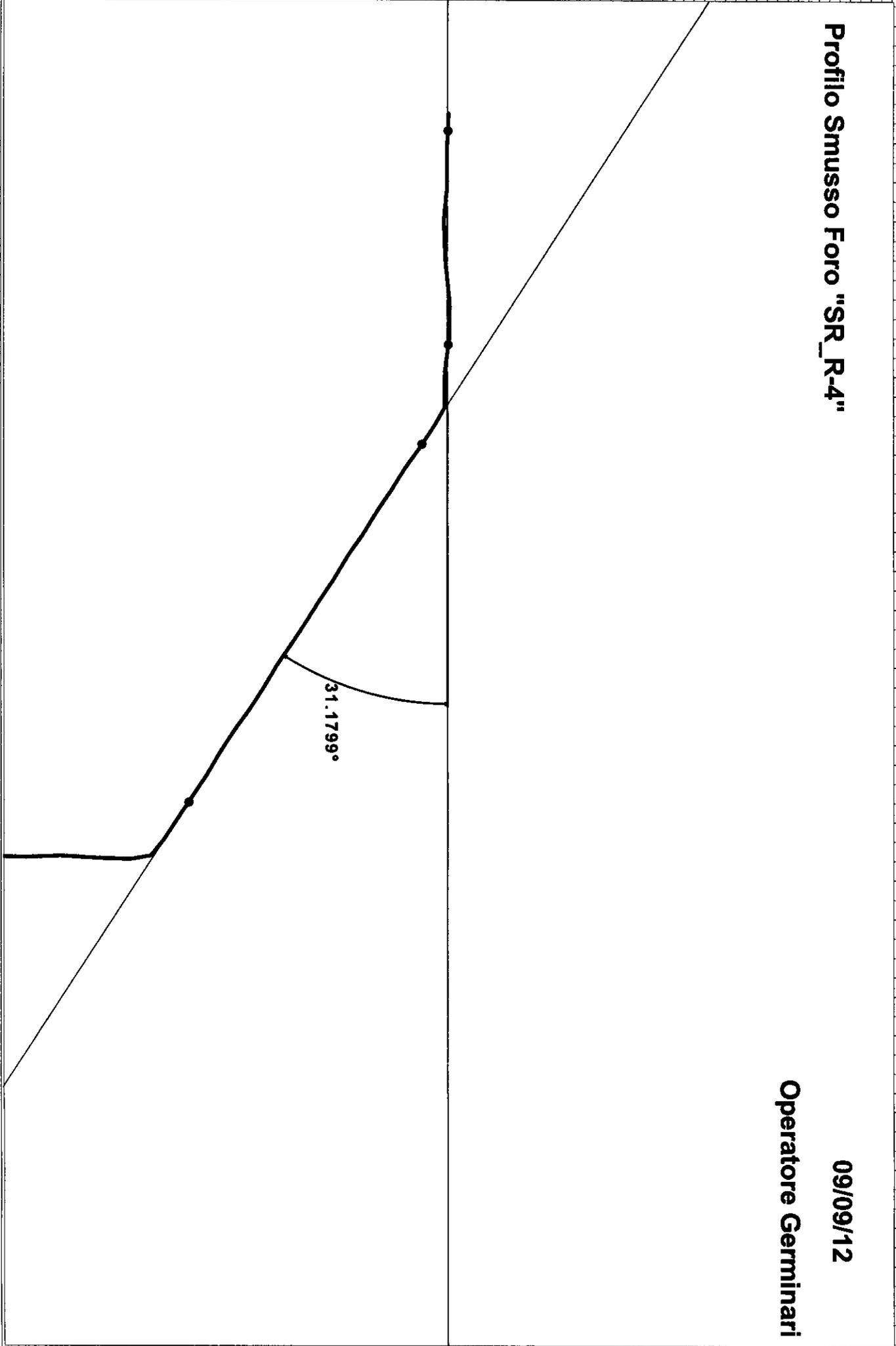
-27.2

Profilo Smusso Foro "SR_R-4"

09/09/12

Operatore Germinari

31.4 31.6 31.8 32.0 32.2 32.4 32.6 32.8



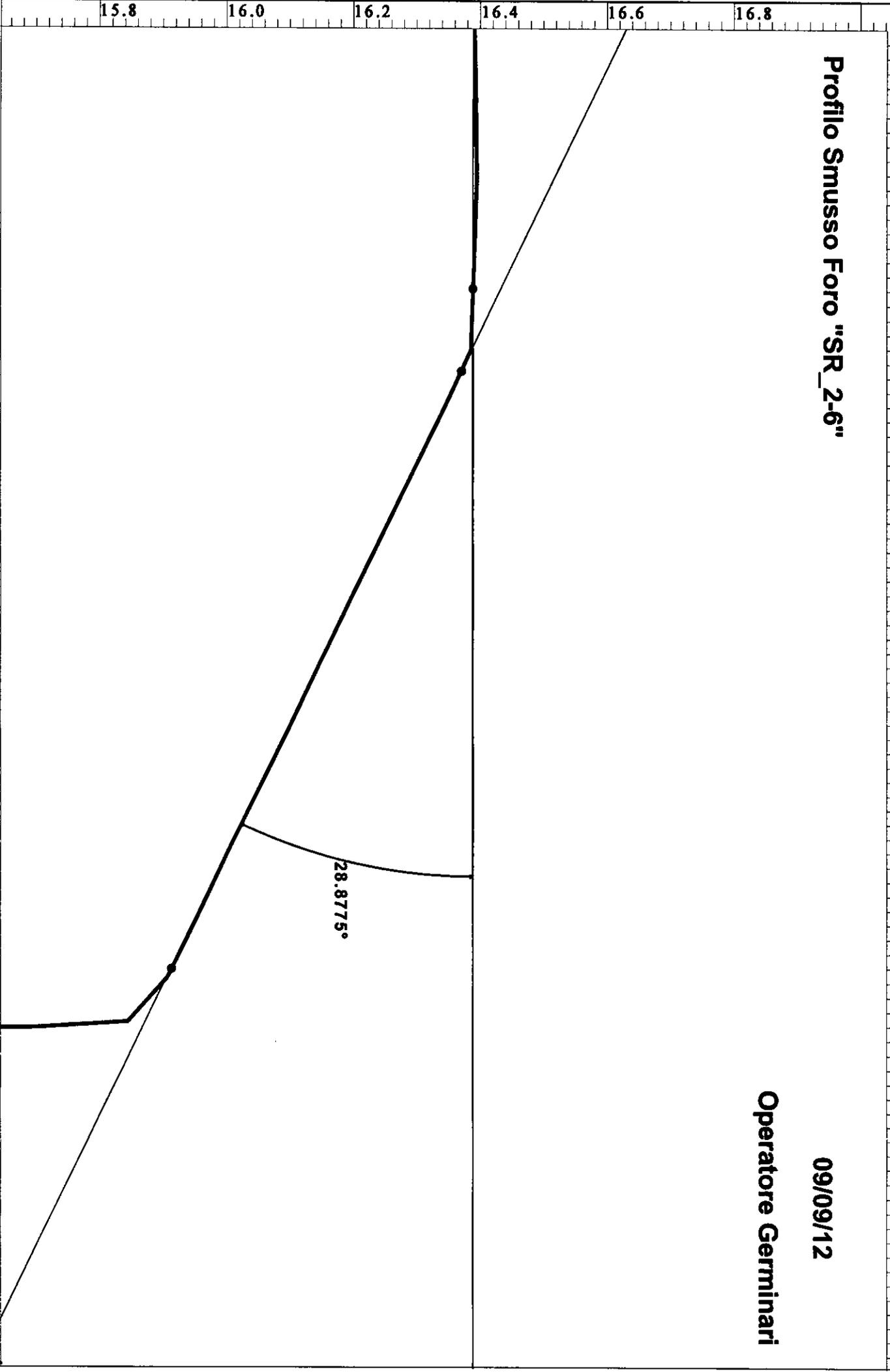
OK
pw

30.6 30.4 30.2 30.0 29.8 29.6 29.4 29.2 29.0

Profilo Smusso Foro "SR_2-6"

09/09/12

Operatore Germinari



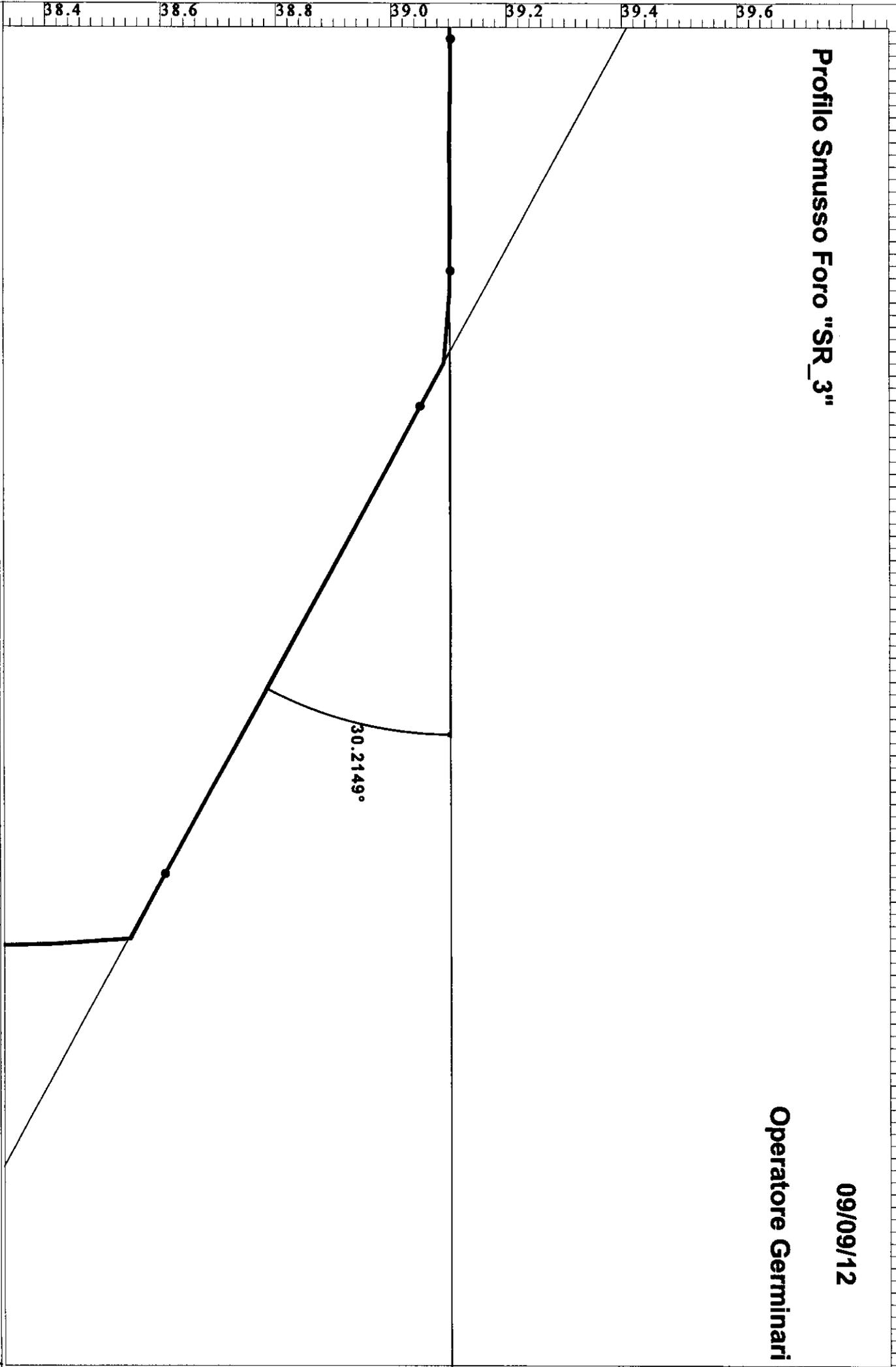
Handwritten signature

-52.2 -52.0 -51.8 -51.6 -51.4 -51.2 -51.0 -50.8 -50.6 -50.4 -50.2

Profilo Smusso Foro "SR_3"

Operatore Germinari

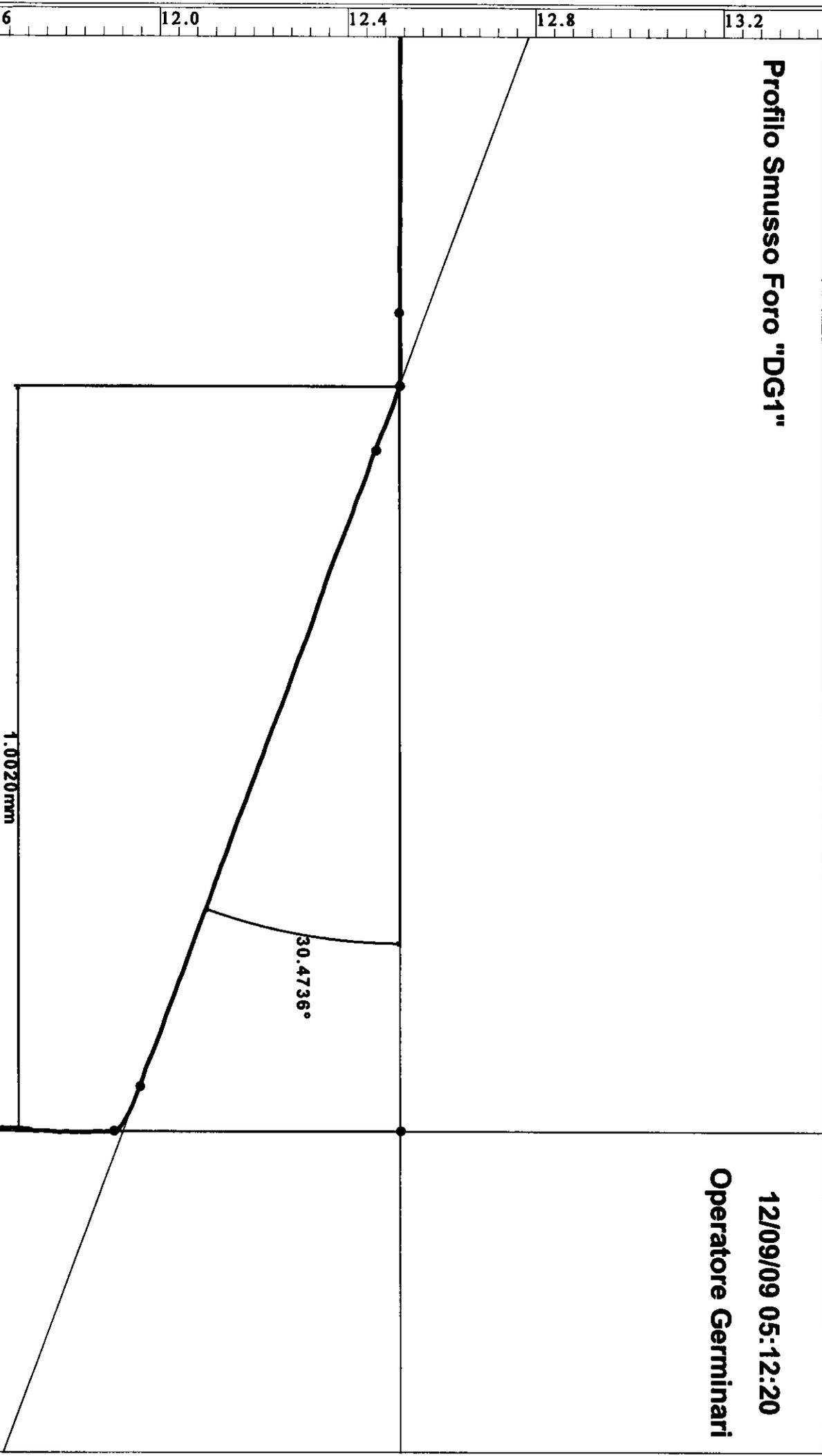
09/09/12





Profilo Smusso Foro "DG1"

12/09/09 05:12:20
Operatore Germinari

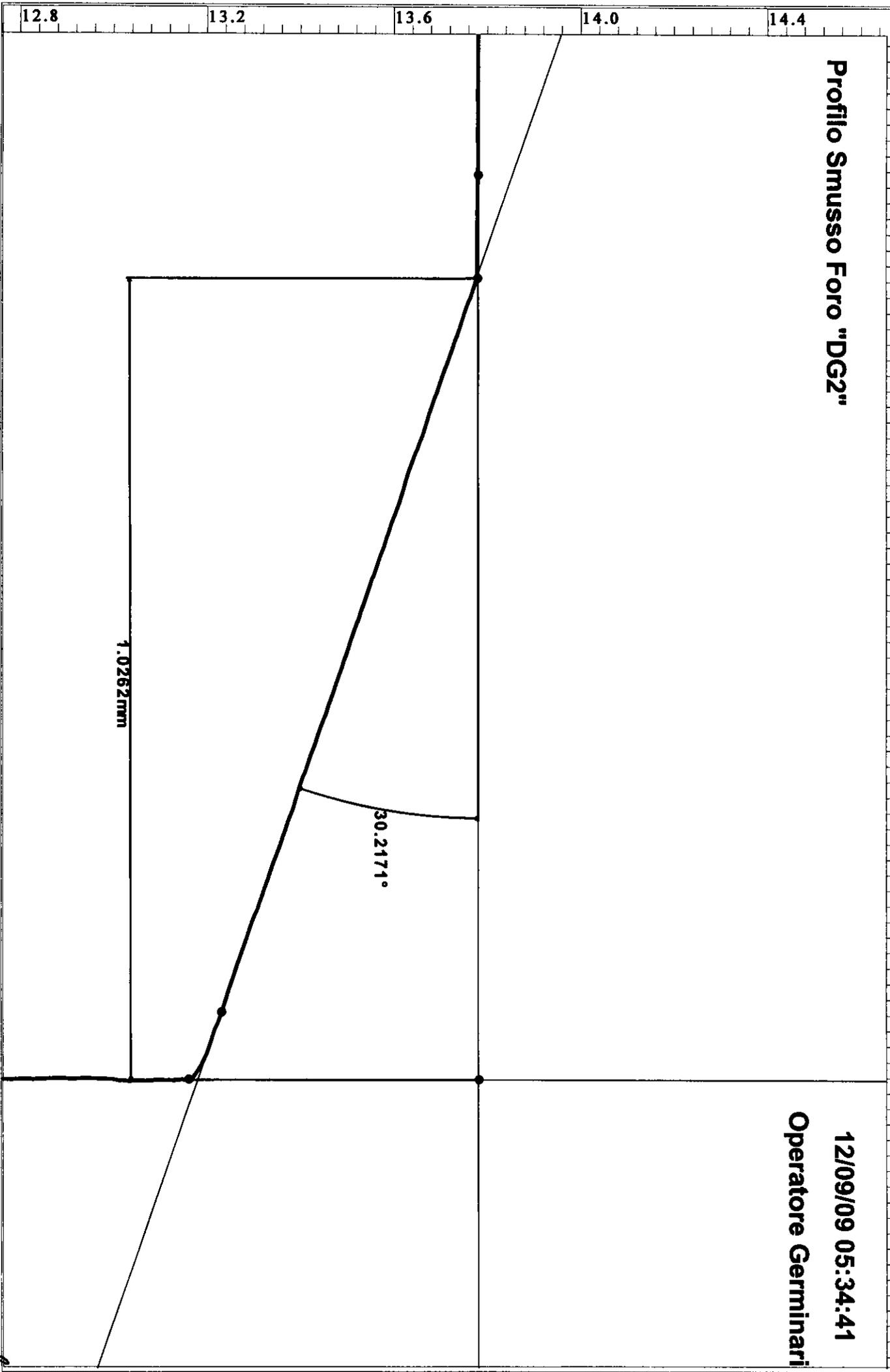


OK

-15.2 -15.0 -14.8 -14.6 -14.4 -14.2 -14.0 -13.8

Profilo Smusso Foro "DG2"

12/09/09 05:34:41
Operatore Germinari

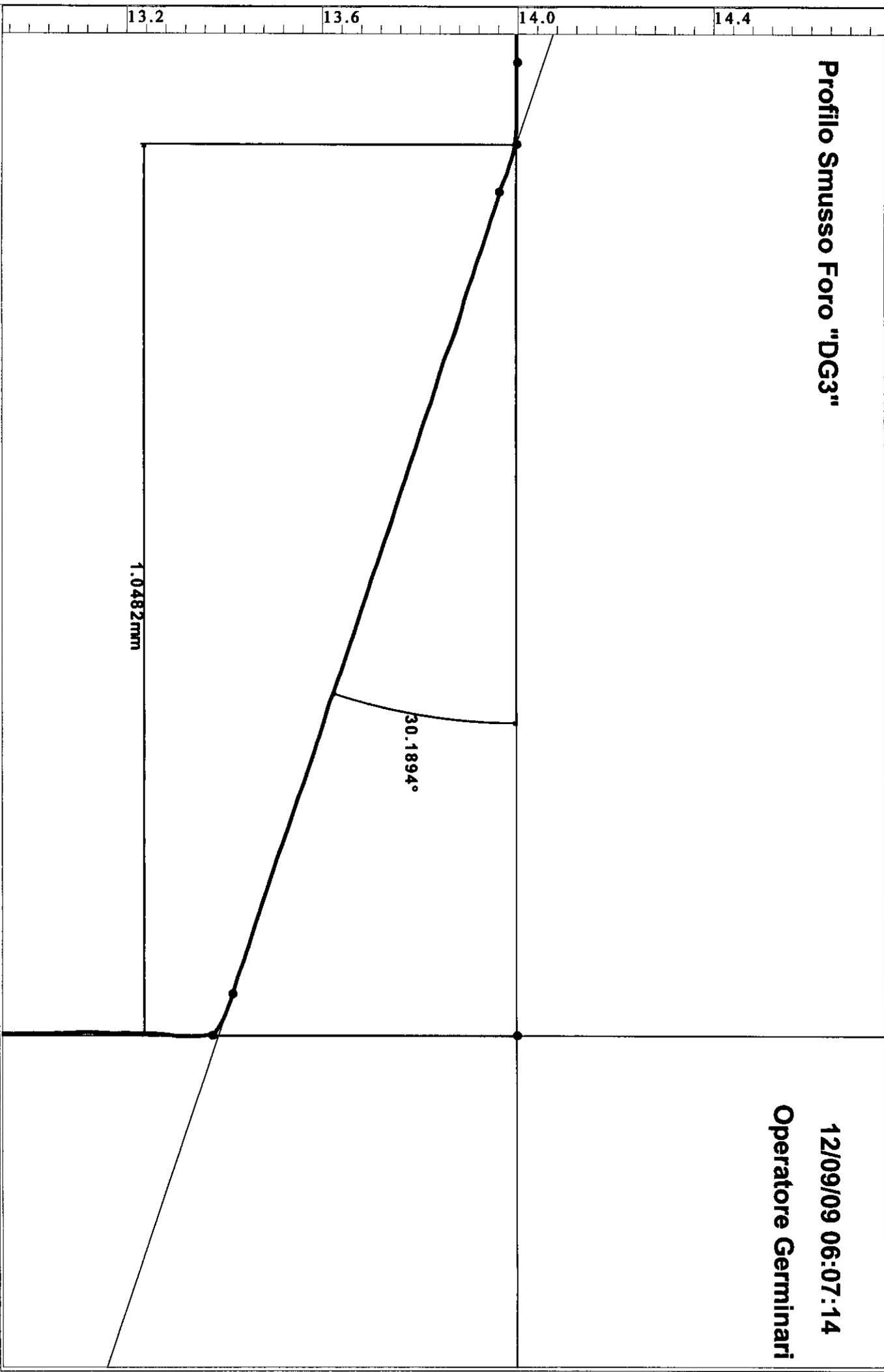


Handwritten signature

-15.0 -14.8 -14.6 -14.4 -14.2 -14.0 -13.8 -13.6

Profilo Smusso Foro "DG3"

12/09/09 06:07:14
Operatore Germinari

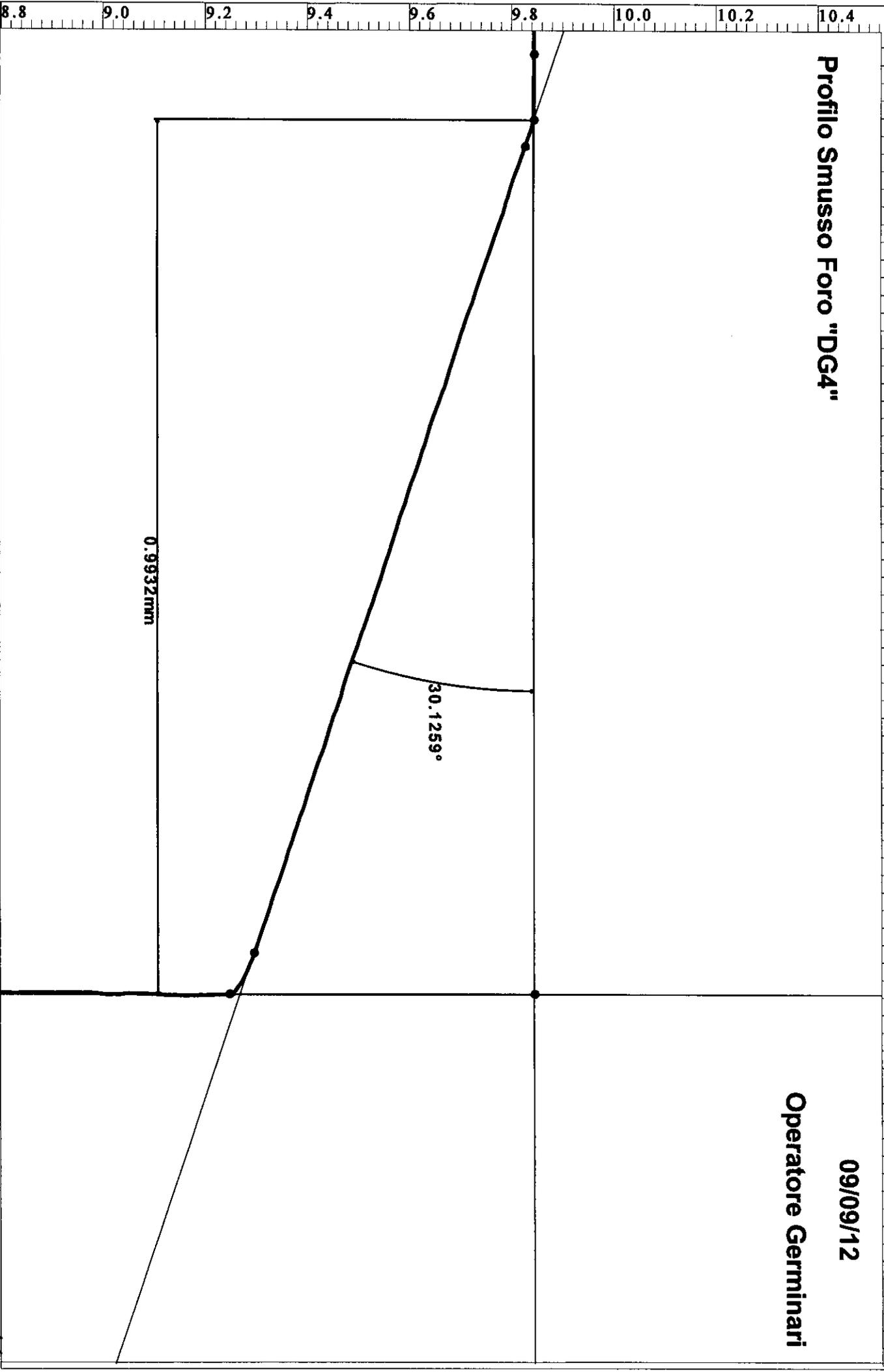


OK

-13.6 -13.4 -13.2 -13.0 -12.8 -12.6 -12.4

Profilo Smusso Foro "DG4"

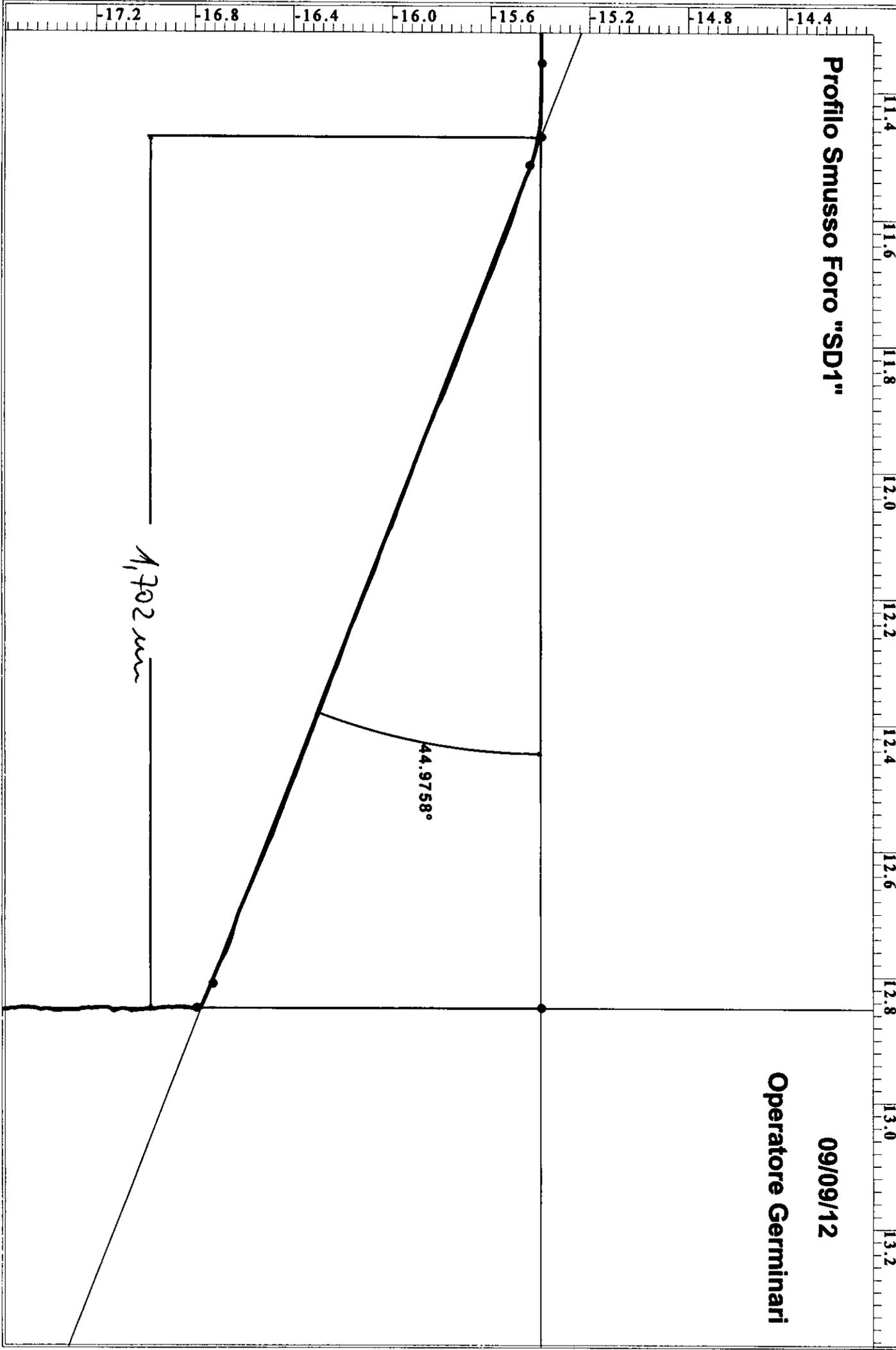
09/09/12
Operatore Germinari



OK

Profilo Smusso Foro "SD1"

09/09/12
Operatore Germinari

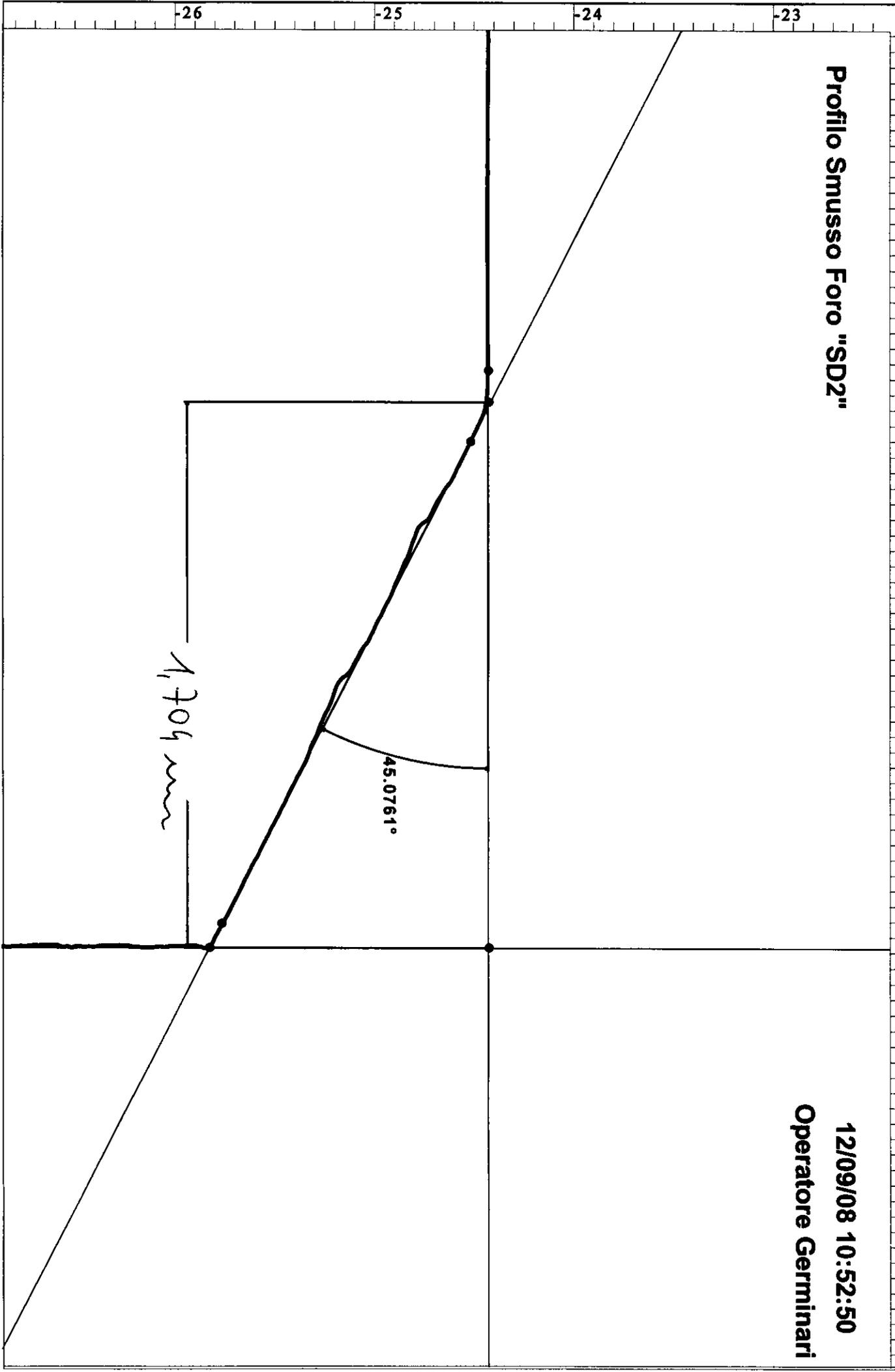


OK

26.4 26.8 27.2 27.6 28.0 28.4 28.8 29.2

Profilo Smusso Foro "SD2"

12/09/08 10:52:50
Operatore Germinari



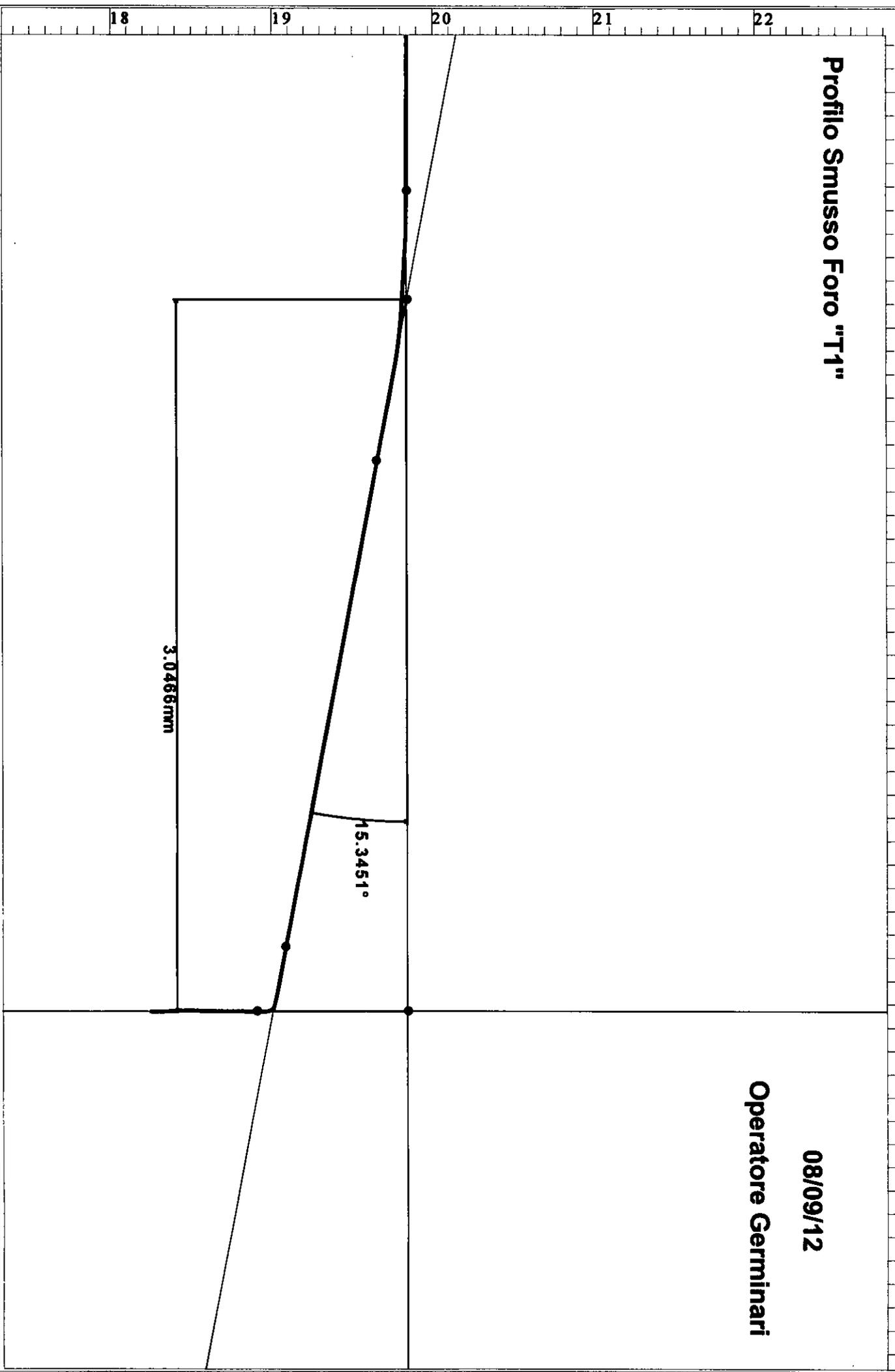
OK

-27
-26
-25
-24
-23
-22

Profilo Smusso Foro "T1"

08/09/12

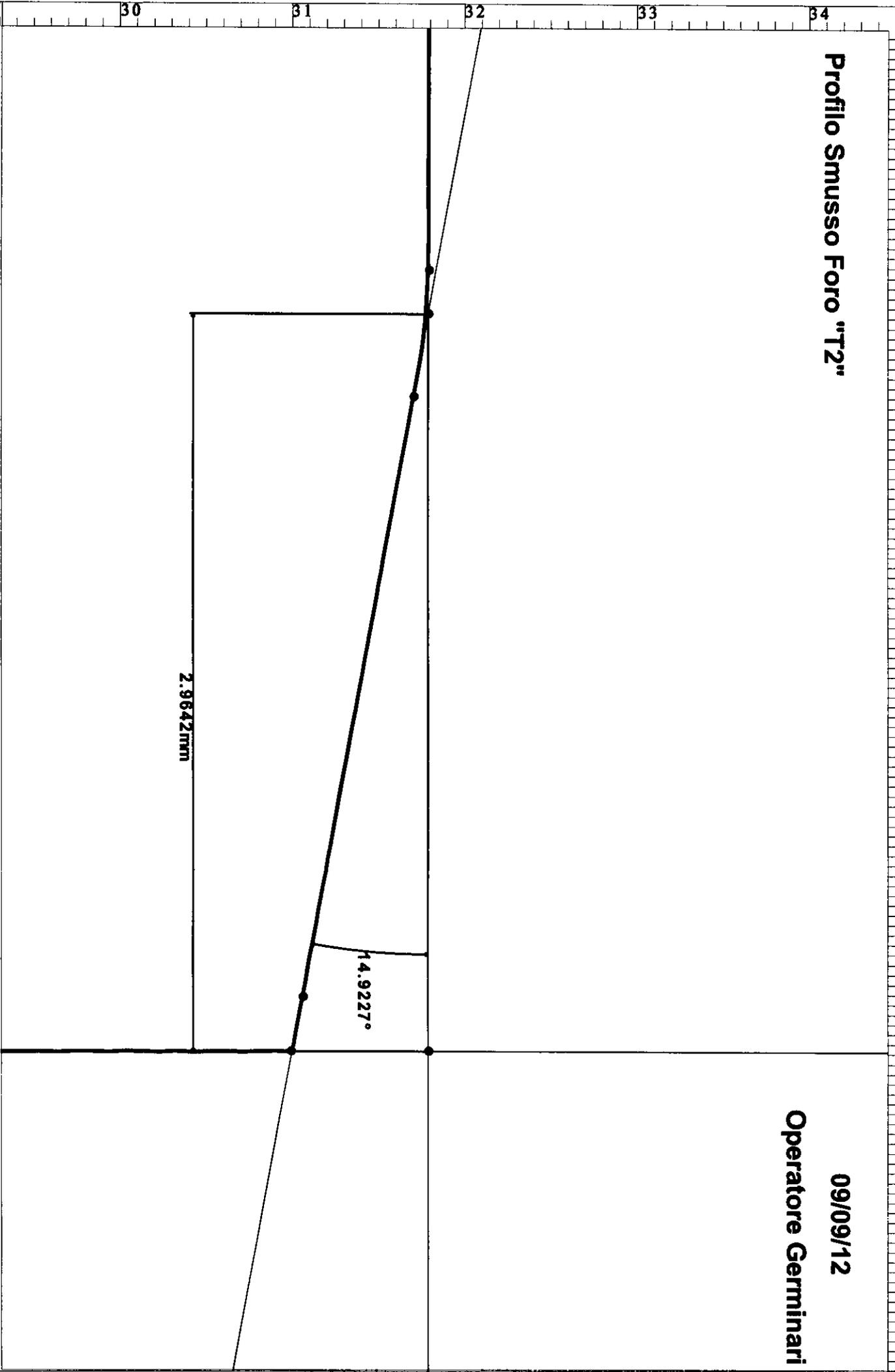
Operatore Germinari



-57.2 -56.8 -56.4 -56.0 -55.6 -55.2 -54.8 -54.4 -54.0 -53.6 -53.2 -52.8 -52.4

Profilo Smusso Foro "T2"

09/09/12
Operatore Germinari



OK

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

```
=====
DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Loconsole | 11. 9.2012 | PZ 35 | 315_FO.21 | | 19:26:13
```

TEMP. PEZZO 23.10

```
=====
IND|  NOMI  / IDF |SY| VAL ATT | VAL NOM | TOL.S | TOL.I | DEV | MAG
=====
#FL_H_PLA |t| 0.030| 0.050| | | | | +++
#H_PLA/100 |t| 0.016| 0.030| | | | | +++
#BO_J_Z |Z| 146.852| 146.846| 0.030| -0.030| 0.006| +
#BO_J_X |X| 76.159| 76.161| 0.030| -0.030| -0.002| -
#BO_J_D |D| 9.995| 10.000| 0.005| -0.010| -0.005| --
#BO_J_P |td| 0.013| 0.060| | | | | +
#BO_R_Z |Z| -175.992| -176.000| 0.030| -0.030| 0.008| ++
#BO_R_X |X| -70.502| -70.500| 0.030| -0.030| -0.002| -
#BO_R_D |D| 9.997| 10.000| 0.005| -0.010| -0.003| -
#BO_R_P |td| 0.016| 0.060| | | | | ++
#BO_D__1D |D| 62.008| 62.000| 0.019| 0.000| 0.008| -
#BO_L__1Z |Z| -70.324| -70.330| 0.025| -0.025| 0.006| ++
#BO_L__1X |X| -38.125| -38.127| 0.025| -0.025| 0.002| +
#BO_L__1D |D| 62.004| 62.000| 0.030| 0.000| 0.004| ----
#BO_L__2Z |Z| -70.324| -70.330| 0.025| -0.025| 0.006| +
#BO_L__2X |X| -38.124| -38.127| 0.025| -0.025| 0.003| +
#BO_L__2D |D| 62.010| 62.000| 0.030| 0.000| 0.010| --
#BO_L__1P |td| 0.013| 0.050| | | | | ++
#FL_L1__Y |Y| 192.026| 192.000| 0.050| -0.050| 0.026| +++
#BO_S__1Z |Z| 15.908| 15.906| 0.025| -0.025| 0.002| +
#BO_S__1X |X| -94.669| -94.673| 0.025| -0.025| 0.004| +
#BO_S__1D |D| 62.003| 62.000| 0.030| 0.000| 0.003| ----
#BO_S__2Z |Z| 15.907| 15.906| 0.025| -0.025| 0.001| +
#BO_S__2X |X| -94.668| -94.673| 0.025| -0.025| 0.005| +
#BO_S__2D |D| 62.009| 62.000| 0.030| 0.000| 0.009| --
#BO_S__1P |td| 0.009| 0.050| | | | | +
#BO_F__1Z |Z| -89.590| -89.601| 0.025| -0.025| 0.011| ++
#BO_F__1X |X| -165.274| -165.274| 0.025| -0.025| 0.000| +-
#BO_F__1D |D| 65.064| 65.000| 0.080| 0.061| 0.064| ---
#BO_F__2Z |Z| -89.590| -89.601| 0.025| -0.025| 0.011| ++
#BO_F__2X |X| -165.274| -165.274| 0.025| -0.025| 0.000| +-
=====
```

#BO_F__2D	D	65.068	65.000	0.080	0.061	0.068	-
#BO_F__1P	td	0.021	0.050				++
#FL_F1__Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.031	55.000	0.046	0.000	0.031	++
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.010	0.010				++++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.600	128.600	0.025	-0.025	0.000	+-
#BO_F/S_PO	R	126.944	126.950	0.025	-0.025	-0.006	-
#BO_D/S_PO	R	95.996	96.000	0.025	-0.025	-0.004	-
#BO_D/L_PO	R	79.993	80.000	0.025	-0.025	-0.007	--
#BO_D/F_PO	R	187.994	188.000	0.025	-0.025	-0.006	-
#BO_DG1__Z	Z	87.746	87.732	0.025	-0.025	0.014	+++
#BO_DG1__X	X	20.237	20.223	0.025	-0.025	0.014	+++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.039	0.050				++++
#BO_DG2__Z	Z	62.151	62.138	0.025	-0.025	0.013	+++
#BO_DG2__X	X	53.522	53.523	0.025	-0.025	-0.001	-
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.026	0.050				+++
#BO_DG3__Z	Z	4.566	4.545	0.025	-0.025	0.021	++++
#BO_DG3__X	X	83.776	83.787	0.025	-0.025	-0.011	--
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.047	0.050				++++
#BO_DG4__Z	Z	-37.419	-37.437	0.025	-0.025	0.018	+++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG4__P	td	0.037	0.050				+++
#BO_SD1__Z	Z	122.773	122.758	0.025	-0.025	0.015	+++
#BO_SD1__X	X	-18.895	-18.886	0.025	-0.025	-0.009	--
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.034	0.050				+++
#BO_SD2__Z	Z	-89.519	-89.538	0.025	-0.025	0.019	++++

#BO_SD2__X	X	91.438	91.458	0.025	-0.025	-0.020	----
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.056	0.050				0.006
#BO_SR2__Z	Z	-56.716	-56.700	0.050	-0.050	-0.016	--
#BO_SR2__X	X	42.712	42.733	0.050	-0.050	-0.021	--
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.052	0.100				+++
#BO_SR3__Z	Z	64.877	64.900	0.050	-0.050	-0.023	--
#BO_SR3__X	X	-28.892	-28.887	0.050	-0.050	-0.005	-
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.047	0.100				++
#BO_SR4__Z	Z	94.183	94.176	0.050	-0.050	0.007	+
#BO_SR4__X	X	-70.200	-70.200	0.050	-0.050	-0.000	+-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR4__P	td	0.014	0.100				+
#BO_SR5__Z	Z	-106.807	-106.831	0.050	-0.050	0.024	++
#BO_SR5__X	X	35.299	35.302	0.050	-0.050	-0.003	-
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.048	0.100				++
#BO_P__Z	Z	104.542	104.550	0.050	-0.050	-0.008	-
#BO_P__X	X	-117.242	-117.257	0.050	-0.050	0.015	++
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.035	0.100				++
#FL_P__1Y	Y	24.526	24.540	0.100	-0.100	-0.014	-
#FL_P__2Y	Y	38.146	38.140	0.050	-0.050	0.006	+
#BO_P1__Z	Z	41.012	41.011	0.050	-0.050	0.001	+
#BO_P1__X	X	-196.960	-196.986	0.050	-0.050	0.026	+++
#BO_P1__D	D	12.043	12.000	0.050	0.032	0.043	+
#BO_P1__P	td	0.053	0.100				+++
#FL_P1__1Y	Y	24.745	24.740	0.050	-0.050	0.005	+
#GW_E01__Z	Z	67.877	67.800	0.200	-0.200	0.077	++
#GW_E01__X	X	19.472	19.600	0.200	-0.200	-0.128	---
#GW_E01__P	td	0.298	0.400				+++
#GW_E02__Z	Z	163.162	163.270	0.200	-0.200	-0.108	---
#GW_E02__X	X	41.070	41.180	0.200	-0.200	-0.110	---
#GW_E02__P	td	0.309	0.400				++++
#GW_E03__Z	Z	54.165	54.254	0.200	-0.200	-0.089	--
#GW_E03__X	X	157.729	157.900	0.200	-0.200	-0.171	----
#GW_E03__P	td	0.385	0.400				++++
#GW_E04__Z	Z	-132.914	132.799	0.200	-0.200	0.115	+++
#GW_E04__X	X	133.606	133.635	0.200	-0.200	-0.029	-

#GW_E04__P	td	0.237	0.400				+++
#BO_E1__Z	Z	85.545	85.509	0.030	-0.030	0.036	0.006
#BO_E1__X	X	74.511	74.516	0.030	-0.030	-0.005	-
#BO_E1__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E1__P	td	0.073	0.060				0.013
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.003	0.050				+
#BO_E2__Z	Z	8.146	8.114	0.030	-0.030	0.032	0.002
#BO_E2__X	X	114.981	114.998	0.030	-0.030	-0.017	---
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.073	0.060				0.013
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.001	0.200				+
#BO_E2_RET	td	0.001	0.050				+
#GW_W2__Z	Z	31.210	31.148	0.200	-0.200	0.062	++
#GW_W2__X	X	30.423	30.509	0.200	-0.200	-0.086	--
#GW_W2__P	td	0.212	0.400				+++
#GW_M1__Z	Z	91.553	91.592	0.200	-0.200	-0.039	-
#GW_M1__X	X	7.898	7.978	0.200	-0.200	-0.080	--
#GW_M1__P	td	0.178	0.400				++
#GW_M4__Z	Z	59.669	59.740	0.200	-0.200	-0.071	--
#GW_M4__X	X	-170.578	-170.500	0.200	-0.200	-0.078	--
#GW_M4__P	td	0.212	0.400				+++
#GW_M2__X	X	-30.102	-30.000	0.200	-0.200	-0.102	---
#GW_M2__Y	Y	88.971	89.000	0.200	-0.200	-0.029	-
#GW_M2__P	td	0.212	0.400				+++
#GW_UM18_Z	Z	-119.601	-119.726	0.200	-0.200	0.125	+++
#GW_UM18_X	X	-246.632	-246.662	0.200	-0.200	0.030	+
#GW_UM18_P	td	0.256	0.400				+++
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.082	99.090	0.050	-0.050	-0.008	-
#BO_T1__Z	Z	-0.034	0.000	0.050	-0.050	-0.034	---
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T1__P	td	0.070	0.100				+++
#GW_T3__Y	Y	-0.063	0.000	0.200	-0.200	-0.063	--
#GW_T3__Z	Z	-20.895	21.000	0.200	-0.200	-0.105	---
#GW_T3__P	td	0.245	0.400				+++
#BO_T2__Y	Y	83.504	83.500	0.050	-0.050	0.004	+

#BO_T2__Z	Z	-0.024	0.000	0.050	-0.050	-0.024	--
#BO_T2__D	D	13.872	13.850	0.043	0.000	0.022	+
#BO_T2__P	td	0.048	0.100				++
#GW_T4__Y	Y	-0.117	0.000	0.200	-0.200	-0.117	---
#GW_T4__Z	Z	18.395	18.500	0.200	-0.200	-0.105	---
#GW_T4__P	td	0.315	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 19.42.55

PROTOCOLLO DI MISURA ZEISS UMESS

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Scatola Cambio |                               CICLO CNC
=====
DISEGNO No.    |Indice |PROV.MAC |ZEISS |TIPO MISURA
G_TR_315__FO.21 | h     | Bz  -   |Cx ZEISS 1 |TEST

OPERATORE      | DATA      | NUMERO PART. |PROGRAMMA |PALETTE |TIME
Loconsole     | 11. 9.2012 | PZ 34        |315_FO.21 |        |19: 8:32
  
```

TEMP. PEZZO 23.13

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.024	0.050				++
#H_PLA/100		t	0.013	0.030				++
#BO_J_Z		Z	146.853	146.846	0.030	-0.030	0.007	+
#BO_J_X		X	76.161	76.161	0.030	-0.030	0.000	+-
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.014	0.060				+
#BO_R_Z		Z	-175.977	-176.000	0.030	-0.030	0.023	++++
#BO_R_X		X	-70.493	-70.500	0.030	-0.030	0.007	+
#BO_R_D		D	9.998	10.000	0.005	-0.010	-0.002	+-
#BO_R_P		td	0.047	0.060				++++
#BO_D__1D		D	62.009	62.000	0.019	0.000	0.009	-
#BO_L__1Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__2Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.015	0.050				++
#FL_L1__Y		Y	192.031	192.000	0.050	-0.050	0.031	+++
#BO_S__1Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z		Z	15.891	15.906	0.025	-0.025	-0.015	---
#BO_S__2X		X	-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.028	0.050				+++
#BO_F__1Z		Z	-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__1X		X	-165.269	-165.274	0.025	-0.025	0.005	+
#BO_F__1D		D	65.057	65.000	0.080	0.061	0.057	-0.004
#BO_F__2Z		Z	-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__2X		X	-165.269	-165.274	0.025	-0.025	0.005	+

#BO_F__2D	D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__1P	td	0.013	0.050				++
#FL_F1__Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.013	0.010				0.003
#BO_F_ROT	t	0.011	0.010				0.001
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.005	0.006				++++
#BO_F/L_PO	R	128.601	128.600	0.025	-0.025	0.001	+
#BO_F/S_PO	R	126.937	126.950	0.025	-0.025	-0.013	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.995	188.000	0.025	-0.025	-0.005	-
#BO_DG1__Z	Z	87.721	87.732	0.025	-0.025	-0.011	--
#BO_DG1__X	X	20.228	20.223	0.025	-0.025	0.005	+
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.025	0.050				++
#BO_DG2__Z	Z	62.135	62.138	0.025	-0.025	-0.003	-
#BO_DG2__X	X	53.526	53.523	0.025	-0.025	0.003	+
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG2__P	td	0.008	0.050				+
#BO_DG3__Z	Z	4.556	4.545	0.025	-0.025	0.011	++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	0.000	+-
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	-0.000
#BO_DG3__P	td	0.023	0.050				++
#BO_DG4__Z	Z	-37.427	-37.437	0.025	-0.025	0.010	++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.020	0.050				++
#BO_SD1__Z	Z	122.728	122.758	0.025	-0.025	-0.030	-0.005
#BO_SD1__X	X	-18.889	-18.886	0.025	-0.025	-0.003	-
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	++++
#BO_SD1__P	td	0.060	0.050				0.010
#BO_SD2__Z	Z	-89.529	-89.538	0.025	-0.025	0.009	++

#BO_SD2__X	X	91.481	91.458	0.025	-0.025	0.023	++++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.050	0.050				++++
#BO_SR2__Z	Z	-56.688	-56.700	0.050	-0.050	0.012	+
#BO_SR2__X	X	42.735	42.733	0.050	-0.050	0.002	+
#BO_SR2__D	D	13.019	13.000	0.018	0.000	0.019	0.001
#BO_SR2__P	td	0.024	0.100				+
#BO_SR3__Z	Z	64.881	64.900	0.050	-0.050	-0.019	--
#BO_SR3__X	X	-28.889	-28.887	0.050	-0.050	-0.002	-
#BO_SR3__D	D	13.013	13.000	0.018	0.000	0.013	++
#BO_SR3__P	td	0.039	0.100				++
#BO_SR4__Z	Z	94.147	94.176	0.050	-0.050	-0.029	---
#BO_SR4__X	X	-70.199	-70.200	0.050	-0.050	0.001	+
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.058	0.100				+++
#BO_SR5__Z	Z	-106.824	-106.831	0.050	-0.050	0.007	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.022	0.100				+
#BO_P__Z	Z	104.545	104.550	0.050	-0.050	-0.005	-
#BO_P__X	X	-117.240	-117.257	0.050	-0.050	0.017	++
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	++
#BO_P__P	td	0.036	0.100				++
#FL_P__1Y	Y	24.538	24.540	0.100	-0.100	-0.002	-
#FL_P__2Y	Y	38.090	38.140	0.050	-0.050	-0.050	-0.000
#BO_P1__Z	Z	41.009	41.011	0.050	-0.050	-0.002	-
#BO_P1__X	X	-196.961	-196.986	0.050	-0.050	0.025	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.050	0.100				++
#FL_P1__1Y	Y	24.780	24.740	0.050	-0.050	0.040	++++
#GW_E01__Z	Z	67.756	67.800	0.200	-0.200	-0.044	-
#GW_E01__X	X	19.579	19.600	0.200	-0.200	-0.021	-
#GW_E01__P	td	0.098	0.400				+
#GW_E02__Z	Z	163.090	163.270	0.200	-0.200	-0.180	----
#GW_E02__X	X	41.190	41.180	0.200	-0.200	0.010	+
#GW_E02__P	td	0.360	0.400				++++
#GW_E03__Z	Z	54.095	54.254	0.200	-0.200	-0.159	----
#GW_E03__X	X	157.865	157.900	0.200	-0.200	-0.035	-
#GW_E03__P	td	0.326	0.400				++++
#GW_E04__Z	Z	-132.962	132.799	0.200	-0.200	0.163	++++
#GW_E04__X	X	133.777	133.635	0.200	-0.200	0.142	+++

#GW_E04__P	td	0.431	0.400				0.031
#BO_E1__Z	Z	85.520	85.509	0.030	-0.030	0.011	++
#BO_E1__X	X	74.525	74.516	0.030	-0.030	0.009	++
#BO_E1__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E1__P	td	0.028	0.060				++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.132	8.114	0.030	-0.030	0.018	+++
#BO_E2__X	X	115.005	114.998	0.030	-0.030	0.007	+
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.040	0.060				+++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	++
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.179	31.148	0.200	-0.200	0.031	+
#GW_W2__X	X	30.432	30.509	0.200	-0.200	-0.077	--
#GW_W2__P	td	0.167	0.400				++
#GW_M1__Z	Z	91.599	91.592	0.200	-0.200	0.007	+
#GW_M1__X	X	7.941	7.978	0.200	-0.200	-0.037	-
#GW_M1__P	td	0.076	0.400				+
#GW_M4__Z	Z	59.689	59.740	0.200	-0.200	-0.051	--
#GW_M4__X	X	-170.499	-170.500	0.200	-0.200	0.001	+
#GW_M4__P	td	0.102	0.400				++
#GW_M2__X	X	-29.939	-30.000	0.200	-0.200	0.061	++
#GW_M2__Y	Y	89.067	89.000	0.200	-0.200	0.067	++
#GW_M2__P	td	0.182	0.400				++
#GW_UM18_Z	Z	-119.728	-119.726	0.200	-0.200	-0.002	-
#GW_UM18_X	X	-246.621	-246.662	0.200	-0.200	0.041	+
#GW_UM18_P	td	0.081	0.400				+
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.098	99.090	0.050	-0.050	0.008	+
#BO_T1__Z	Z	0.012	0.000	0.050	-0.050	0.012	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.030	0.100				++
#GW_T3__Y	Y	-0.026	0.000	0.200	-0.200	-0.026	-
#GW_T3__Z	Z	-20.946	21.000	0.200	-0.200	-0.054	--
#GW_T3__P	td	0.120	0.400				++
#BO_T2__Y	Y	83.510	83.500	0.050	-0.050	0.010	+

#BO_T2__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.034	0.100				++
#GW_T4__Y	Y	0.081	0.000	0.200	-0.200	0.081	++
#GW_T4__Z	Z	18.542	18.500	0.200	-0.200	0.042	+
#GW_T4__P	td	0.182	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 19.25.11

PROTOCOLLO DI MISURA ZEISS UMESS

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Scatola Cambio |                               CICLO CNC
=====
DISEGNO No.    |Indice |PROV.MAC |ZEISS |TIPO MISURA
G_TR_315__FO.21 | h     | Bz  -   |Cx ZEISS 1 |TEST

OPERATORE      | DATA | NUMERO PART. |PROGRAMMA |PALETTE |TIME
Loconsole     | 11. 9.2012 | PZ 31      |315_FO.21 |        |18:12:57
    
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TEMP. PEZZO 23.78

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.022	0.050				++
#H_PLA/100	t		0.194	0.030				0.164
#BO_J_Z	Z		146.853	146.846	0.030	-0.030	0.007	+
#BO_J_X	X		76.160	76.161	0.030	-0.030	-0.001	-
#BO_J_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P	td		0.014	0.060				+
#BO_R_Z	Z		-175.982	-176.000	0.030	-0.030	0.018	+++
#BO_R_X	X		-70.496	-70.500	0.030	-0.030	0.004	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P	td		0.037	0.060				+++
#BO_D__1D	D		62.009	62.000	0.019	0.000	0.009	-
#BO_L__1Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__1X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__1D	D		62.005	62.000	0.030	0.000	0.005	---
#BO_L__2Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__2X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.018	0.050				++
#FL_L1__Y	Y		192.031	192.000	0.050	-0.050	0.031	+++
#BO_S__1Z	Z		15.894	15.906	0.025	-0.025	-0.012	--
#BO_S__1X	X		-94.677	-94.673	0.025	-0.025	-0.004	-
#BO_S__1D	D		62.005	62.000	0.030	0.000	0.005	---
#BO_S__2Z	Z		15.894	15.906	0.025	-0.025	-0.012	--
#BO_S__2X	X		-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.025	0.050				+++
#BO_F__1Z	Z		-89.604	-89.601	0.025	-0.025	-0.003	-
#BO_F__1X	X		-165.270	-165.274	0.025	-0.025	0.004	+
#BO_F__1D	D		65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__2Z	Z		-89.604	-89.601	0.025	-0.025	-0.003	-
#BO_F__2X	X		-165.270	-165.274	0.025	-0.025	0.004	+

#BO_F__2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__1P	td	0.010	0.050				+
#FL_F1__Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.021	55.000	0.046	0.000	0.021	-
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.011	0.010				0.001
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.011	0.010				0.001
#BO_D_LIN	tx	0.003	0.006				+++
#BO_S_LIN	tx	0.003	0.006				+++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.604	128.600	0.025	-0.025	0.004	+
#BO_F/S_PO	R	126.937	126.950	0.025	-0.025	-0.013	---
#BO_D/S_PO	R	96.002	96.000	0.025	-0.025	0.002	+
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.996	188.000	0.025	-0.025	-0.004	-
#BO_DG1__Z	Z	87.727	87.732	0.025	-0.025	-0.005	-
#BO_DG1__X	X	20.221	20.223	0.025	-0.025	-0.002	-
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.010	0.050				+
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.519	53.523	0.025	-0.025	-0.004	-
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG2__P	td	0.009	0.050				+
#BO_DG3__Z	Z	4.560	4.545	0.025	-0.025	0.015	+++
#BO_DG3__X	X	83.780	83.787	0.025	-0.025	-0.007	--
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG3__P	td	0.034	0.050				+++
#BO_DG4__Z	Z	-37.422	-37.437	0.025	-0.025	0.015	+++
#BO_DG4__X	X	84.989	84.997	0.025	-0.025	-0.008	--
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.033	0.050				+++
#BO_SD1__Z	Z	122.730	122.758	0.025	-0.025	-0.028	-0.003
#BO_SD1__X	X	-18.892	-18.886	0.025	-0.025	-0.006	-
#BO_SD1__D	D	15.997	16.000	0.000	-0.018	-0.003	+++
#BO_SD1__P	td	0.057	0.050				0.007
#BO_SD2__Z	Z	-89.527	-89.538	0.025	-0.025	0.011	++

#BO_SD2__X	X	91.480	91.458	0.025	-0.025	0.022	++++
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.049	0.050				++++
#BO_SR2__Z	Z	-56.688	-56.700	0.050	-0.050	0.012	+
#BO_SR2__X	X	42.736	42.733	0.050	-0.050	0.003	+
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	+
#BO_SR2__P	td	0.024	0.100				+
#BO_SR3__Z	Z	64.882	64.900	0.050	-0.050	-0.018	--
#BO_SR3__X	X	-28.888	-28.887	0.050	-0.050	-0.001	-
#BO_SR3__D	D	13.007	13.000	0.018	0.000	0.007	-
#BO_SR3__P	td	0.037	0.100				++
#BO_SR4__Z	Z	94.155	94.176	0.050	-0.050	-0.021	--
#BO_SR4__X	X	-70.205	-70.200	0.050	-0.050	-0.005	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.042	0.100				++
#BO_SR5__Z	Z	-106.819	-106.831	0.050	-0.050	0.012	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.029	0.100				++
#BO_P__Z	Z	104.549	104.550	0.050	-0.050	-0.001	-
#BO_P__X	X	-117.242	-117.257	0.050	-0.050	0.015	++
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.030	0.100				++
#FL_P__1Y	Y	24.539	24.540	0.100	-0.100	-0.001	-
#FL_P__2Y	Y	38.095	38.140	0.050	-0.050	-0.045	----
#BO_P1__Z	Z	41.013	41.011	0.050	-0.050	0.002	+
#BO_P1__X	X	-196.963	-196.986	0.050	-0.050	0.023	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.047	0.100				++
#FL_P1__1Y	Y	24.784	24.740	0.050	-0.050	0.044	++++
#GW_E01__Z	Z	67.769	67.800	0.200	-0.200	-0.031	-
#GW_E01__X	X	19.559	19.600	0.200	-0.200	-0.041	-
#GW_E01__P	td	0.102	0.400				++
#GW_E02__Z	Z	163.093	163.270	0.200	-0.200	-0.177	----
#GW_E02__X	X	41.169	41.180	0.200	-0.200	-0.011	-
#GW_E02__P	td	0.355	0.400				++++
#GW_E03__Z	Z	54.099	54.254	0.200	-0.200	-0.155	----
#GW_E03__X	X	157.866	157.900	0.200	-0.200	-0.034	-
#GW_E03__P	td	0.318	0.400				++++
#GW_E04__Z	Z	-132.950	132.799	0.200	-0.200	0.151	++++
#GW_E04__X	X	133.742	133.635	0.200	-0.200	0.107	+++

#GW_E04__P	td	0.370	0.400				++++
#BO_E1__Z	Z	85.527	85.509	0.030	-0.030	0.018	+++
#BO_E1__X	X	74.517	74.516	0.030	-0.030	0.001	+
#BO_E1__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	114.996	114.998	0.030	-0.030	-0.002	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.047	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.161	31.148	0.200	-0.200	0.013	+
#GW_W2__X	X	30.427	30.509	0.200	-0.200	-0.082	--
#GW_W2__P	td	0.167	0.400				++
#GW_M1__Z	Z	91.612	91.592	0.200	-0.200	0.020	+
#GW_M1__X	X	7.930	7.978	0.200	-0.200	-0.048	-
#GW_M1__P	td	0.103	0.400				++
#GW_M4__Z	Z	59.693	59.740	0.200	-0.200	-0.047	-
#GW_M4__X	X	-170.509	-170.500	0.200	-0.200	-0.009	-
#GW_M4__P	td	0.095	0.400				+
#GW_M2__X	X	-29.934	-30.000	0.200	-0.200	0.066	++
#GW_M2__Y	Y	89.081	89.000	0.200	-0.200	0.081	++
#GW_M2__P	td	0.209	0.400				+++
#GW_UM18_Z	Z	-119.722	-119.726	0.200	-0.200	0.004	+
#GW_UM18_X	X	-246.627	-246.662	0.200	-0.200	0.035	+
#GW_UM18_P	td	0.070	0.400				+
#U18_RETT	td	0.010	0.100				+
#BO_T1__Y	Y	99.096	99.090	0.050	-0.050	0.006	+
#BO_T1__Z	Z	0.015	0.000	0.050	-0.050	0.015	++
#BO_T1__D	D	13.868	13.850	0.043	0.000	0.018	-
#BO_T1__P	td	0.032	0.100				++
#GW_T3__Y	Y	-0.014	0.000	0.200	-0.200	-0.014	-
#GW_T3__Z	Z	-20.955	21.000	0.200	-0.200	-0.045	-
#GW_T3__P	td	0.095	0.400				+
#BO_T2__Y	Y	83.508	83.500	0.050	-0.050	0.008	+

#BO_T2__Z	Z	0.015	0.000	0.050	-0.050	0.015	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.034	0.100				++
#GW_T4__Y	Y	0.075	0.000	0.200	-0.200	0.075	++
#GW_T4__Z	Z	18.522	18.500	0.200	-0.200	0.022	+
#GW_T4__P	td	0.157	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 18.30.13

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Loconsole	11. 9.2012	PZ 29	315_FO.21	17:35: 2

TEMP. PEZZO 25.34

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.026	0.050				+++
#H_PLA/100		t	0.006	0.030				+
#BO_J_Z		Z	146.849	146.846	0.030	-0.030	0.003	+
#BO_J_X		X	76.161	76.161	0.030	-0.030	-0.000	+-
#BO_J_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P		td	0.007	0.060				+
#BO_R_Z		Z	-176.002	-176.000	0.030	-0.030	-0.002	-
#BO_R_X		X	-70.503	-70.500	0.030	-0.030	-0.003	-
#BO_R_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P		td	0.008	0.060				+
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z		Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_L__2Z		Z	-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__2X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P		td	0.014	0.050				++
#FL_L1__Y		Y	192.021	192.000	0.050	-0.050	0.021	++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__1X		X	-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_S__2Z		Z	15.905	15.906	0.025	-0.025	-0.001	-
#BO_S__2X		X	-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.013	0.050				++
#BO_F__1Z		Z	-89.600	-89.601	0.025	-0.025	0.001	+
#BO_F__1X		X	-165.270	-165.274	0.025	-0.025	0.004	+
#BO_F__1D		D	65.063	65.000	0.080	0.061	0.063	----
#BO_F__2Z		Z	-89.599	-89.601	0.025	-0.025	0.002	+
#BO_F__2X		X	-165.270	-165.274	0.025	-0.025	0.004	+

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	--
#BO_F___1P	td	0.008	0.050				+
#FL_F1___Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.005	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.003	0.006				++
#BO_F/L_PO	R	128.599	128.600	0.025	-0.025	-0.001	-
#BO_F/S_PO	R	126.950	126.950	0.025	-0.025	-0.000	+-
#BO_D/S_PO	R	95.994	96.000	0.025	-0.025	-0.006	--
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.995	188.000	0.025	-0.025	-0.005	-
#BO_DG1__Z	Z	87.738	87.732	0.025	-0.025	0.006	+
#BO_DG1__X	X	20.235	20.223	0.025	-0.025	0.012	++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.027	0.050				+++
#BO_DG2__Z	Z	62.146	62.138	0.025	-0.025	0.008	++
#BO_DG2__X	X	53.517	53.523	0.025	-0.025	-0.006	-
#BO_DG2__D	D	8.033	8.000	0.040	0.025	0.033	+-
#BO_DG2__P	td	0.020	0.050				++
#BO_DG3__Z	Z	4.558	4.545	0.025	-0.025	0.013	+++
#BO_DG3__X	X	83.771	83.787	0.025	-0.025	-0.016	---
#BO_DG3__D	D	8.029	8.000	0.040	0.025	0.029	---
#BO_DG3__P	td	0.042	0.050				++++
#BO_DG4__Z	Z	-37.425	-37.437	0.025	-0.025	0.012	++
#BO_DG4__X	X	84.995	84.997	0.025	-0.025	-0.002	-
#BO_DG4__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG4__P	td	0.025	0.050				++
#BO_SD1__Z	Z	122.780	122.758	0.025	-0.025	0.022	++++
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.046	0.050				++++
#BO_SD2__Z	Z	-89.512	-89.538	0.025	-0.025	0.026	0.001

#BO_SD2__X	X	91.437	91.458	0.025	-0.025	-0.021	----
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.068	0.050				0.018
#BO_SR2__Z	Z	-56.704	-56.700	0.050	-0.050	-0.004	-
#BO_SR2__X	X	42.713	42.733	0.050	-0.050	-0.020	--
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.041	0.100				++
#BO_SR3__Z	Z	64.885	64.900	0.050	-0.050	-0.015	--
#BO_SR3__X	X	-28.891	-28.887	0.050	-0.050	-0.004	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.032	0.100				++
#BO_SR4__Z	Z	94.175	94.176	0.050	-0.050	-0.001	-
#BO_SR4__X	X	-70.198	-70.200	0.050	-0.050	0.002	+
#BO_SR4__D	D	10.009	10.000	0.015	0.000	0.009	+
#BO_SR4__P	td	0.003	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.302	35.302	0.050	-0.050	-0.000	+-
#BO_SR5__D	D	10.008	10.000	0.015	0.000	0.008	+-
#BO_SR5__P	td	0.039	0.100				++
#BO_P___Z	Z	104.546	104.550	0.050	-0.050	-0.004	-
#BO_P___X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P___D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P___P	td	0.027	0.100				++
#FL_P___1Y	Y	24.523	24.540	0.100	-0.100	-0.017	-
#FL_P___2Y	Y	38.140	38.140	0.050	-0.050	-0.000	+-
#BO_P1___Z	Z	41.015	41.011	0.050	-0.050	0.004	+
#BO_P1___X	X	-196.959	-196.986	0.050	-0.050	0.027	+++
#BO_P1___D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1___P	td	0.055	0.100				+++
#FL_P1___1Y	Y	24.741	24.740	0.050	-0.050	0.001	+
#GW_E01__Z	Z	67.849	67.800	0.200	-0.200	0.049	+
#GW_E01__X	X	19.509	19.600	0.200	-0.200	-0.091	--
#GW_E01__P	td	0.206	0.400				+++
#GW_E02__Z	Z	163.157	163.270	0.200	-0.200	-0.113	---
#GW_E02__X	X	41.122	41.180	0.200	-0.200	-0.058	--
#GW_E02__P	td	0.254	0.400				+++
#GW_E03__Z	Z	54.122	54.254	0.200	-0.200	-0.132	---
#GW_E03__X	X	157.761	157.900	0.200	-0.200	-0.139	---
#GW_E03__P	td	0.384	0.400				++++
#GW_E04__Z	Z	-132.921	132.799	0.200	-0.200	0.122	+++
#GW_E04__X	X	133.652	133.635	0.200	-0.200	0.017	+

#GW_E04__P	td	0.246	0.400				+++
#BO_E1__Z	Z	85.532	85.509	0.030	-0.030	0.023	++++
#BO_E1__X	X	74.509	74.516	0.030	-0.030	-0.007	-
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.048	0.060				++++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.136	8.114	0.030	-0.030	0.022	+++
#BO_E2__X	X	114.977	114.998	0.030	-0.030	-0.021	---
#BO_E2__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E2__P	td	0.061	0.060				0.001
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.002	0.200				+
#BO_E2_RET	td	0.002	0.050				+
#GW_W2__Z	Z	31.186	31.148	0.200	-0.200	0.038	+
#GW_W2__X	X	30.421	30.509	0.200	-0.200	-0.088	--
#GW_W2__P	td	0.192	0.400				++
#GW_M1__Z	Z	91.543	91.592	0.200	-0.200	-0.049	-
#GW_M1__X	X	7.916	7.978	0.200	-0.200	-0.062	--
#GW_M1__P	td	0.159	0.400				++
#GW_M4__Z	Z	59.664	59.740	0.200	-0.200	-0.076	--
#GW_M4__X	X	-170.554	-170.500	0.200	-0.200	-0.054	--
#GW_M4__P	td	0.185	0.400				++
#GW_M2__X	X	-30.125	-30.000	0.200	-0.200	-0.125	---
#GW_M2__Y	Y	88.947	89.000	0.200	-0.200	-0.053	--
#GW_M2__P	td	0.272	0.400				+++
#GW_UM18_Z	Z	-119.609	-119.726	0.200	-0.200	0.117	+++
#GW_UM18_X	X	-246.607	-246.662	0.200	-0.200	0.055	++
#GW_UM18_P	td	0.258	0.400				+++
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.088	99.090	0.050	-0.050	-0.002	-
#BO_T1__Z	Z	-0.051	0.000	0.050	-0.050	-0.051	-0.001
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.103	0.100				0.003
#GW_T3__Y	Y	-0.020	0.000	0.200	-0.200	-0.020	-
#GW_T3__Z	Z	-20.916	21.000	0.200	-0.200	-0.084	--
#GW_T3__P	td	0.172	0.400				++
#BO_T2__Y	Y	83.506	83.500	0.050	-0.050	0.006	+

#BO_T2__Z	Z	-0.055	0.000	0.050	-0.050	-0.055	-0.005
#BO_T2__D	D	13.872	13.850	0.043	0.000	0.022	+-
#BO_T2__P	td	0.111	0.100				0.011
#GW_T4__Y	Y	-0.121	0.000	0.200	-0.200	-0.121	---
#GW_T4__Z	Z	18.421	18.500	0.200	-0.200	-0.079	--
#GW_T4__P	td	0.289	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 17.56.35

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Partipilo | 11. 9.2012 | PZ 28 | 315_FO.21 | | 11:43:27
    
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TEMP. PEZZO 24.81

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_H_PLA	t	0.017	0.050				++
	#H_PLA/100	t	0.014	0.030				++
	#BO_J_Z	Z	146.859	146.846	0.030	-0.030	0.013	++
	#BO_J_X	X	76.162	76.161	0.030	-0.030	0.001	+
	#BO_J_D	D	9.996	10.000	0.005	-0.010	-0.004	-
	#BO_J_P	td	0.026	0.060				++
	#BO_R_Z	Z	-175.978	-176.000	0.030	-0.030	0.022	+++
	#BO_R_X	X	-70.495	-70.500	0.030	-0.030	0.005	+
	#BO_R_D	D	9.996	10.000	0.005	-0.010	-0.004	-
	#BO_R_P	td	0.045	0.060				+++
	#BO_D__1D	D	62.007	62.000	0.019	0.000	0.007	--
	#BO_L__1Z	Z	-70.332	-70.330	0.025	-0.025	-0.002	-
	#BO_L__1X	X	-38.119	-38.127	0.025	-0.025	0.008	++
	#BO_L__1D	D	62.007	62.000	0.030	0.000	0.007	---
	#BO_L__2Z	Z	-70.331	-70.330	0.025	-0.025	-0.001	-
	#BO_L__2X	X	-38.120	-38.127	0.025	-0.025	0.007	++
	#BO_L__2D	D	62.008	62.000	0.030	0.000	0.008	--
	#BO_L__1P	td	0.017	0.050				++
	#FL_L1__Y	Y	192.031	192.000	0.050	-0.050	0.031	+++
	#BO_S__1Z	Z	15.893	15.906	0.025	-0.025	-0.013	---
	#BO_S__1X	X	-94.675	-94.673	0.025	-0.025	-0.002	-
	#BO_S__1D	D	62.006	62.000	0.030	0.000	0.006	---
	#BO_S__2Z	Z	15.891	15.906	0.025	-0.025	-0.015	---
	#BO_S__2X	X	-94.675	-94.673	0.025	-0.025	-0.002	-
	#BO_S__2D	D	62.007	62.000	0.030	0.000	0.007	---
	#BO_S__1P	td	0.027	0.050				+++
	#BO_F__1Z	Z	-89.606	-89.601	0.025	-0.025	-0.005	-
	#BO_F__1X	X	-165.265	-165.274	0.025	-0.025	0.009	++
	#BO_F__1D	D	65.058	65.000	0.080	0.061	0.058	-0.003
	#BO_F__2Z	Z	-89.605	-89.601	0.025	-0.025	-0.004	-
	#BO_F__2X	X	-165.266	-165.274	0.025	-0.025	0.008	++

#BO_F___2D	D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F___1P	td	0.020	0.050				++
#FL_F1___Y	Y	26.057	26.100	0.080	-0.080	-0.043	---
#BO_F3_D	D	55.021	55.000	0.046	0.000	0.021	-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.007	0.010				+++
#BO_F_ROT	t	0.010	0.010				0.000
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.599	128.600	0.025	-0.025	-0.001	-
#BO_F/S_PO	R	126.936	126.950	0.025	-0.025	-0.014	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	-0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.992	188.000	0.025	-0.025	-0.008	--
#BO_DG1__Z	Z	87.738	87.732	0.025	-0.025	0.006	+
#BO_DG1__X	X	20.220	20.223	0.025	-0.025	-0.003	-
#BO_DG1__D	D	10.019	10.000	0.040	0.025	0.019	-0.006
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.180	62.138	0.025	-0.025	0.042	0.017
#BO_DG2__X	X	53.493	53.523	0.025	-0.025	-0.030	-0.005
#BO_DG2__D	D	7.949	8.000	0.040	0.025	-0.051	-0.076
#BO_DG2__P	td	0.103	0.050				0.053
#BO_DG3__Z	Z	4.590	4.545	0.025	-0.025	0.045	0.020
#BO_DG3__X	X	83.795	83.787	0.025	-0.025	0.008	++
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	-0.000
#BO_DG3__P	td	0.092	0.050				0.042
#BO_DG4__Z	Z	-37.417	-37.437	0.025	-0.025	0.020	++++
#BO_DG4__X	X	84.990	84.997	0.025	-0.025	-0.007	--
#BO_DG4__D	D	10.031	10.000	0.040	0.025	0.031	-
#BO_DG4__P	td	0.042	0.050				++++
#BO_SD1__Z	Z	122.735	122.758	0.025	-0.025	-0.023	----
#BO_SD1__X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
#BO_SD1__D	D	15.997	16.000	0.000	-0.018	-0.003	+++
#BO_SD1__P	td	0.047	0.050				++++
#BO_SD2__Z	Z	-89.523	-89.538	0.025	-0.025	0.015	+++

#BO_SD2__X	X	91.477	91.458	0.025	-0.025	0.019	++++
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.049	0.050				++++
#BO_SR2__Z	Z	-56.691	-56.700	0.050	-0.050	0.009	+
#BO_SR2__X	X	42.734	42.733	0.050	-0.050	0.001	+
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.018	0.100				+
#BO_SR3__Z	Z	64.885	64.900	0.050	-0.050	-0.015	--
#BO_SR3__X	X	-28.892	-28.887	0.050	-0.050	-0.005	-
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.032	0.100				++
#BO_SR4__Z	Z	94.146	94.176	0.050	-0.050	-0.030	---
#BO_SR4__X	X	-70.206	-70.200	0.050	-0.050	-0.006	-
#BO_SR4__D	D	10.014	10.000	0.015	0.000	0.014	++++
#BO_SR4__P	td	0.062	0.100				+++
#BO_SR5__Z	Z	-106.822	-106.831	0.050	-0.050	0.009	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.025	0.100				+
#BO_P__Z	Z	104.554	104.550	0.050	-0.050	0.004	+
#BO_P__X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P__D	D	18.009	18.000	0.018	0.000	0.009	+-
#BO_P__P	td	0.027	0.100				++
#FL_P__1Y	Y	24.544	24.540	0.100	-0.100	0.004	+
#FL_P__2Y	Y	38.098	38.140	0.050	-0.050	-0.042	----
#BO_P1__Z	Z	41.016	41.011	0.050	-0.050	0.005	+
#BO_P1__X	X	-196.961	-196.986	0.050	-0.050	0.025	++
#BO_P1__D	D	12.041	12.000	0.050	0.032	0.041	+-
#BO_P1__P	td	0.051	0.100				+++
#FL_P1__1Y	Y	24.785	24.740	0.050	-0.050	0.045	++++
#GW_E01__Z	Z	67.779	67.800	0.200	-0.200	-0.021	-
#GW_E01__X	X	19.555	19.600	0.200	-0.200	-0.045	-
#GW_E01__P	td	0.099	0.400				+
#GW_E02__Z	Z	163.135	163.270	0.200	-0.200	-0.135	---
#GW_E02__X	X	41.189	41.180	0.200	-0.200	0.009	+
#GW_E02__P	td	0.271	0.400				+++
#GW_E03__Z	Z	54.098	54.254	0.200	-0.200	-0.156	----
#GW_E03__X	X	157.876	157.900	0.200	-0.200	-0.024	-
#GW_E03__P	td	0.316	0.400				++++
#GW_E04__Z	Z	-132.971	132.799	0.200	-0.200	0.172	++++
#GW_E04__X	X	133.752	133.635	0.200	-0.200	0.117	+++

#GW_E04__P	td	0.416	0.400				0.016
#BO_E1__Z	Z	85.522	85.509	0.030	-0.030	0.013	++
#BO_E1__X	X	74.518	74.516	0.030	-0.030	0.002	+
#BO_E1__D	D	34.063	34.050	0.025	0.000	0.013	+
#BO_E1__P	td	0.027	0.060				++
#BO_E1__2D	D	37.620	37.600	0.039	0.000	0.020	+-
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.133	8.114	0.030	-0.030	0.019	+++
#BO_E2__X	X	114.995	114.998	0.030	-0.030	-0.003	-
#BO_E2__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E2__P	td	0.039	0.060				+++
#BO_E2__2D	D	37.620	37.600	0.039	0.000	0.020	+
#BO_E2_CON	td	0.005	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.171	31.148	0.200	-0.200	0.023	+
#GW_W2__X	X	30.446	30.509	0.200	-0.200	-0.063	--
#GW_W2__P	td	0.133	0.400				++
#GW_M1__Z	Z	91.616	91.592	0.200	-0.200	0.024	+
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.095	0.400				+
#GW_M4__Z	Z	59.703	59.740	0.200	-0.200	-0.037	-
#GW_M4__X	X	-170.512	-170.500	0.200	-0.200	-0.012	-
#GW_M4__P	td	0.079	0.400				+
#GW_M2__X	X	-29.902	-30.000	0.200	-0.200	0.098	++
#GW_M2__Y	Y	89.059	89.000	0.200	-0.200	0.059	++
#GW_M2__P	td	0.229	0.400				+++
#GW_UM18_Z	Z	-119.724	-119.726	0.200	-0.200	0.002	+
#GW_UM18_X	X	-246.613	-246.662	0.200	-0.200	0.049	+
#GW_UM18_P	td	0.098	0.400				+
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.094	99.090	0.050	-0.050	0.004	+
#BO_T1__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T1__D	D	13.868	13.850	0.043	0.000	0.018	-
#BO_T1__P	td	0.030	0.100				++
#GW_T3__Y	Y	-0.054	0.000	0.200	-0.200	-0.054	--
#GW_T3__Z	Z	-20.937	21.000	0.200	-0.200	-0.063	--
#GW_T3__P	td	0.165	0.400				++
#BO_T2__Y	Y	83.507	83.500	0.050	-0.050	0.007	+

#BO_T2__Z	Z	0.016	0.000	0.050	-0.050	0.016	++
#BO_T2__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T2__P	td	0.035	0.100				++
#GW_T4__Y	Y	0.095	0.000	0.200	-0.200	0.095	++
#GW_T4__Z	Z	18.531	18.500	0.200	-0.200	0.031	+
#GW_T4__P	td	0.201	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 15.35.37

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio | CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Partipilo | 11. 9.2012 | PZ 27 | 315_FO.21 | | 11:12:17

TEMP. PEZZO 24.46

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.033	0.050				+++
#H_PLA/100	t		0.006	0.030				+
#BO_J_Z	Z		146.860	146.846	0.030	-0.030	0.014	++
#BO_J_X	X		76.168	76.161	0.030	-0.030	0.007	+
#BO_J_D	D		9.996	10.000	0.005	-0.010	-0.004	-
#BO_J_P	td		0.032	0.060				+++
#BO_R_Z	Z		-175.975	-176.000	0.030	-0.030	0.025	++++
#BO_R_X	X		-70.489	-70.500	0.030	-0.030	0.011	++
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_R_P	td		0.055	0.060				++++
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__1D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__2Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__2X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.018	0.050				++
#FL_L1__Y	Y		192.030	192.000	0.050	-0.050	0.030	+++
#BO_S__1Z	Z		15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__1D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z	Z		15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__2X	X		-94.674	-94.673	0.025	-0.025	-0.001	-
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.025	0.050				+++
#BO_F__1Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X	X		-165.261	-165.274	0.025	-0.025	0.013	+++
#BO_F__1D	D		65.056	65.000	0.080	0.061	0.056	-0.005
#BO_F__2Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__2X	X		-165.262	-165.274	0.025	-0.025	0.012	++

#BO_F__2D	D	65.058	65.000	0.080	0.061	0.058	-0.003
#BO_F__1P	td	0.026	0.050				+++
#FL_F1__Y	Y	26.053	26.100	0.080	-0.080	-0.047	---
#BO_F3_D	D	55.021	55.000	0.046	0.000	0.021	-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.011	0.010				0.001
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.595	128.600	0.025	-0.025	-0.005	-
#BO_F/S_PO	R	126.933	126.950	0.025	-0.025	-0.017	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	-0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.988	188.000	0.025	-0.025	-0.012	--
#BO_DG1__Z	Z	87.727	87.732	0.025	-0.025	-0.005	-
#BO_DG1__X	X	20.232	20.223	0.025	-0.025	0.009	++
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.021	0.050				++
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.532	53.523	0.025	-0.025	0.009	++
#BO_DG2__D	D	8.023	8.000	0.040	0.025	0.023	-0.002
#BO_DG2__P	td	0.018	0.050				++
#BO_DG3__Z	Z	4.562	4.545	0.025	-0.025	0.017	+++
#BO_DG3__X	X	83.791	83.787	0.025	-0.025	0.004	+
#BO_DG3__D	D	8.021	8.000	0.040	0.025	0.021	-0.004
#BO_DG3__P	td	0.035	0.050				+++
#BO_DG4__Z	Z	-37.423	-37.437	0.025	-0.025	0.014	+++
#BO_DG4__X	X	84.999	84.997	0.025	-0.025	0.002	+
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+-
#BO_DG4__P	td	0.028	0.050				+++
#BO_SD1__Z	Z	122.737	122.758	0.025	-0.025	-0.021	----
#BO_SD1__X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	+++
#BO_SD1__P	td	0.043	0.050				++++
#BO_SD2__Z	Z	-89.520	-89.538	0.025	-0.025	0.018	+++

#BO_SD2__X	X	91.481	91.458	0.025	-0.025	0.023	++++
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.059	0.050				0.009
#BO_SR2__Z	Z	-56.688	-56.700	0.050	-0.050	0.012	+
#BO_SR2__X	X	42.731	42.733	0.050	-0.050	-0.002	-
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.024	0.100				+
#BO_SR3__Z	Z	64.884	64.900	0.050	-0.050	-0.016	--
#BO_SR3__X	X	-28.894	-28.887	0.050	-0.050	-0.007	-
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.035	0.100				++
#BO_SR4__Z	Z	94.146	94.176	0.050	-0.050	-0.030	---
#BO_SR4__X	X	-70.200	-70.200	0.050	-0.050	0.000	+-
#BO_SR4__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR4__P	td	0.060	0.100				+++
#BO_SR5__Z	Z	-106.825	-106.831	0.050	-0.050	0.006	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.022	0.100				+
#BO_P__Z	Z	104.554	104.550	0.050	-0.050	0.004	+
#BO_P__X	X	-117.239	-117.257	0.050	-0.050	0.018	++
#BO_P__D	D	18.009	18.000	0.018	0.000	0.009	+-
#BO_P__P	td	0.036	0.100				++
#FL_P__1Y	Y	24.540	24.540	0.100	-0.100	-0.000	+-
#FL_P__2Y	Y	38.094	38.140	0.050	-0.050	-0.046	----
#BO_P1__Z	Z	41.016	41.011	0.050	-0.050	0.005	+
#BO_P1__X	X	-196.959	-196.986	0.050	-0.050	0.027	+++
#BO_P1__D	D	12.041	12.000	0.050	0.032	0.041	+-
#BO_P1__P	td	0.056	0.100				+++
#FL_P1__1Y	Y	24.780	24.740	0.050	-0.050	0.040	++++
#GW_E01__Z	Z	67.737	67.800	0.200	-0.200	-0.063	--
#GW_E01__X	X	19.567	19.600	0.200	-0.200	-0.033	-
#GW_E01__P	td	0.142	0.400				++
#GW_E02__Z	Z	163.083	163.270	0.200	-0.200	-0.187	----
#GW_E02__X	X	41.194	41.180	0.200	-0.200	0.014	+
#GW_E02__P	td	0.375	0.400				++++
#GW_E03__Z	Z	54.099	54.254	0.200	-0.200	-0.155	----
#GW_E03__X	X	157.900	157.900	0.200	-0.200	-0.000	+-
#GW_E03__P	td	0.309	0.400				++++
#GW_E04__Z	Z	-132.973	132.799	0.200	-0.200	0.174	++++
#GW_E04__X	X	133.806	133.635	0.200	-0.200	0.171	++++

#GW_E04__P	td	0.487	0.400				0.087
#BO_E1__Z	Z	85.525	85.509	0.030	-0.030	0.016	+++
#BO_E1__X	X	74.523	74.516	0.030	-0.030	0.007	+
#BO_E1__D	D	34.062	34.050	0.025	0.000	0.012	+-
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.620	37.600	0.039	0.000	0.020	+-
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	115.003	114.998	0.030	-0.030	0.005	+
#BO_E2__D	D	34.063	34.050	0.025	0.000	0.013	+
#BO_E2__P	td	0.048	0.060				++++
#BO_E2__2D	D	37.620	37.600	0.039	0.000	0.020	+-
#BO_E2_CON	td	0.005	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.155	31.148	0.200	-0.200	0.007	+
#GW_W2__X	X	30.439	30.509	0.200	-0.200	-0.070	--
#GW_W2__P	td	0.140	0.400				++
#GW_M1__Z	Z	91.603	91.592	0.200	-0.200	0.011	+
#GW_M1__X	X	7.946	7.978	0.200	-0.200	-0.032	-
#GW_M1__P	td	0.068	0.400				+
#GW_M4__Z	Z	59.672	59.740	0.200	-0.200	-0.068	--
#GW_M4__X	X	-170.494	-170.500	0.200	-0.200	0.006	+
#GW_M4__P	td	0.137	0.400				++
#GW_M2__X	X	-29.926	-30.000	0.200	-0.200	0.074	++
#GW_M2__Y	Y	89.073	89.000	0.200	-0.200	0.073	++
#GW_M2__P	td	0.208	0.400				+++
#GW_UM18_Z	Z	-119.727	-119.726	0.200	-0.200	-0.001	-
#GW_UM18_X	X	-246.611	-246.662	0.200	-0.200	0.051	++
#GW_UM18_P	td	0.102	0.400				++
#U18_RETT	td	0.008	0.100				+
#BO_T1__Y	Y	99.097	99.090	0.050	-0.050	0.007	+
#BO_T1__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T1__D	D	13.868	13.850	0.043	0.000	0.018	-
#BO_T1__P	td	0.032	0.100				++
#GW_T3__Y	Y	-0.033	0.000	0.200	-0.200	-0.033	-
#GW_T3__Z	Z	-20.940	21.000	0.200	-0.200	-0.060	--
#GW_T3__P	td	0.138	0.400				++
#BO_T2__Y	Y	83.510	83.500	0.050	-0.050	0.010	+

#BO_T2___Z	Z	0.022	0.000	0.050	-0.050	0.022	++
#BO_T2___D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T2___P	td	0.048	0.100				++
#GW_T4___Y	Y	0.103	0.000	0.200	-0.200	0.103	+++
#GW_T4___Z	Z	18.543	18.500	0.200	-0.200	0.043	+
#GW_T4___P	td	0.223	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 11/09/12 11.42.34

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	9. 9.2012	PZ 26	315_FO.21	7:17: 9

TEMP. PEZZO 22.77

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.019	0.050				++
#H_PLA/100		t	0.010	0.030				++
#BO_J_Z		Z	146.860	146.846	0.030	-0.030	0.014	++
#BO_J_X		X	76.160	76.161	0.030	-0.030	-0.001	-
#BO_J_D		D	9.996	10.000	0.005	-0.010	-0.004	-
#BO_J_P		td	0.028	0.060				++
#BO_R_Z		Z	-175.977	-176.000	0.030	-0.030	0.023	++++
#BO_R_X		X	-70.497	-70.500	0.030	-0.030	0.003	+
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_R_P		td	0.047	0.060				++++
#BO_D__1D		D	62.009	62.000	0.019	0.000	0.009	-
#BO_L__1Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D		D	62.013	62.000	0.030	0.000	0.013	-
#BO_L__2Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X		X	-38.121	-38.127	0.025	-0.025	0.006	+
#BO_L__2D		D	62.011	62.000	0.030	0.000	0.011	--
#BO_L__1P		td	0.014	0.050				++
#FL_L1__Y		Y	192.033	192.000	0.050	-0.050	0.033	+++
#BO_S__1Z		Z	15.894	15.906	0.025	-0.025	-0.012	--
#BO_S__1X		X	-94.677	-94.673	0.025	-0.025	-0.004	-
#BO_S__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X		X	-94.677	-94.673	0.025	-0.025	-0.004	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.026	0.050				+++
#BO_F__1Z		Z	-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__1X		X	-165.271	-165.274	0.025	-0.025	0.003	+
#BO_F__1D		D	65.058	65.000	0.080	0.061	0.058	-0.003
#BO_F__2Z		Z	-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__2X		X	-165.271	-165.274	0.025	-0.025	0.003	+

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	-0.000
#BO_F__1P	td	0.010	0.050				+
#FL_F1__Y	Y	26.060	26.100	0.080	-0.080	-0.040	--
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.009	0.010				++++
#BO_L_ROT	t	0.012	0.010				0.002
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.004	0.006				+++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.603	128.600	0.025	-0.025	0.003	+
#BO_F/S_PO	R	126.938	126.950	0.025	-0.025	-0.012	--
#BO_D/S_PO	R	96.002	96.000	0.025	-0.025	0.002	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.997	188.000	0.025	-0.025	-0.003	-
#BO_DG1__Z	Z	87.725	87.732	0.025	-0.025	-0.007	--
#BO_DG1__X	X	20.224	20.223	0.025	-0.025	0.001	+
#BO_DG1__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.139	62.138	0.025	-0.025	0.001	+
#BO_DG2__X	X	53.524	53.523	0.025	-0.025	0.001	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.003	0.050				+
#BO_DG3__Z	Z	4.561	4.545	0.025	-0.025	0.016	+++
#BO_DG3__X	X	83.783	83.787	0.025	-0.025	-0.004	-
#BO_DG3__D	D	8.023	8.000	0.040	0.025	0.023	-0.002
#BO_DG3__P	td	0.033	0.050				+++
#BO_DG4__Z	Z	-37.424	-37.437	0.025	-0.025	0.013	+++
#BO_DG4__X	X	84.994	84.997	0.025	-0.025	-0.003	-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+-
#BO_DG4__P	td	0.027	0.050				+++
#BO_SD1__Z	Z	122.737	122.758	0.025	-0.025	-0.021	----
#BO_SD1__X	X	-18.896	-18.886	0.025	-0.025	-0.010	--
#BO_SD1__D	D	16.006	16.000	0.000	-0.018	0.006	0.006
#BO_SD1__P	td	0.046	0.050				++++
#BO_SD2__Z	Z	-89.519	-89.538	0.025	-0.025	0.019	++++

#BO_SD2__X	X	91.474	91.458	0.025	-0.025	0.016	+++
#BO_SD2__D	D	16.003	16.000	0.000	-0.018	0.003	0.003
#BO_SD2__P	td	0.050	0.050				0.000
#BO_SR2__Z	Z	-56.684	-56.700	0.050	-0.050	0.016	++
#BO_SR2__X	X	42.729	42.733	0.050	-0.050	-0.004	-
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	+
#BO_SR2__P	td	0.034	0.100				++
#BO_SR3__Z	Z	64.891	64.900	0.050	-0.050	-0.009	-
#BO_SR3__X	X	-28.899	-28.887	0.050	-0.050	-0.012	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.029	0.100				++
#BO_SR4__Z	Z	94.150	94.176	0.050	-0.050	-0.026	---
#BO_SR4__X	X	-70.203	-70.200	0.050	-0.050	-0.003	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR4__P	td	0.052	0.100				+++
#BO_SR5__Z	Z	-106.826	-106.831	0.050	-0.050	0.005	+
#BO_SR5__X	X	35.315	35.302	0.050	-0.050	0.013	++
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.028	0.100				++
#BO_P__Z	Z	104.555	104.550	0.050	-0.050	0.005	+
#BO_P__X	X	-117.252	-117.257	0.050	-0.050	0.005	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.014	0.100				+
#FL_P__1Y	Y	24.544	24.540	0.100	-0.100	0.004	+
#FL_P__2Y	Y	38.094	38.140	0.050	-0.050	-0.046	----
#BO_P1__Z	Z	41.019	41.011	0.050	-0.050	0.008	+
#BO_P1__X	X	-196.972	-196.986	0.050	-0.050	0.014	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.032	0.100				++
#FL_P1__1Y	Y	24.787	24.740	0.050	-0.050	0.047	++++
#GW_E01__Z	Z	67.749	67.800	0.200	-0.200	-0.051	--
#GW_E01__X	X	19.555	19.600	0.200	-0.200	-0.045	-
#GW_E01__P	td	0.136	0.400				++
#GW_E02__Z	Z	163.118	163.270	0.200	-0.200	-0.152	----
#GW_E02__X	X	41.184	41.180	0.200	-0.200	0.004	+
#GW_E02__P	td	0.304	0.400				++++
#GW_E03__Z	Z	54.110	54.254	0.200	-0.200	-0.144	---
#GW_E03__X	X	157.896	157.900	0.200	-0.200	-0.004	-
#GW_E03__P	td	0.289	0.400				+++
#GW_E04__Z	Z	-132.971	132.799	0.200	-0.200	0.172	++++
#GW_E04__X	X	133.763	133.635	0.200	-0.200	0.128	+++

#GW_E04__P	td	0.428	0.400				0.028
#BO_E1__Z	Z	85.528	85.509	0.030	-0.030	0.019	+++
#BO_E1__X	X	74.514	74.516	0.030	-0.030	-0.002	-
#BO_E1__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E1__P	td	0.038	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	114.996	114.998	0.030	-0.030	-0.002	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.047	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.005	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.176	31.148	0.200	-0.200	0.028	+
#GW_W2__X	X	30.433	30.509	0.200	-0.200	-0.076	--
#GW_W2__P	td	0.163	0.400				++
#GW_M1__Z	Z	91.607	91.592	0.200	-0.200	0.015	+
#GW_M1__X	X	7.931	7.978	0.200	-0.200	-0.047	-
#GW_M1__P	td	0.099	0.400				+
#GW_M4__Z	Z	59.674	59.740	0.200	-0.200	-0.066	--
#GW_M4__X	X	-170.504	-170.500	0.200	-0.200	-0.004	-
#GW_M4__P	td	0.131	0.400				++
#GW_M2__X	X	-29.917	-30.000	0.200	-0.200	0.083	++
#GW_M2__Y	Y	89.074	89.000	0.200	-0.200	0.074	++
#GW_M2__P	td	0.222	0.400				+++
#GW_UM18_Z	Z	-119.724	-119.726	0.200	-0.200	0.002	+
#GW_UM18_X	X	-246.616	-246.662	0.200	-0.200	0.046	+
#GW_UM18_P	td	0.092	0.400				+
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.099	99.090	0.050	-0.050	0.009	+
#BO_T1__Z	Z	0.017	0.000	0.050	-0.050	0.017	++
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.038	0.100				++
#GW_T3__Y	Y	-0.027	0.000	0.200	-0.200	-0.027	-
#GW_T3__Z	Z	-20.948	21.000	0.200	-0.200	-0.052	--
#GW_T3__P	td	0.117	0.400				++
#BO_T2__Y	Y	83.514	83.500	0.050	-0.050	0.014	++

#BO_T2__Z	Z	0.017	0.000	0.050	-0.050	0.017	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.043	0.100				++
#GW_T4__Y	Y	0.096	0.000	0.200	-0.200	0.096	++
#GW_T4__Z	Z	18.527	18.500	0.200	-0.200	0.027	+
#GW_T4__P	td	0.200	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/09/12 13.40.09

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	9. 9.2012	PZ 25	315_FO.21	6:57:12

TEMP. PEZZO 22.82

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.034	0.050				+++
#H_PLA/100	t		0.007	0.030				+
#BO_J_Z	Z		146.845	146.846	0.030	-0.030	-0.001	-
#BO_J_X	X		76.154	76.161	0.030	-0.030	-0.007	-
#BO_J_D	D		9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P	td		0.015	0.060				+
#BO_R_Z	Z		-176.005	-176.000	0.030	-0.030	-0.005	-
#BO_R_X	X		-70.510	-70.500	0.030	-0.030	-0.010	--
#BO_R_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P	td		0.023	0.060				++
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__2X	X		-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.014	0.050				++
#FL_L1__Y	Y		192.022	192.000	0.050	-0.050	0.022	++
#BO_S__1Z	Z		15.908	15.906	0.025	-0.025	0.002	+
#BO_S__1X	X		-94.670	-94.673	0.025	-0.025	0.003	+
#BO_S__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z	Z		15.907	15.906	0.025	-0.025	0.001	+
#BO_S__2X	X		-94.669	-94.673	0.025	-0.025	0.004	+
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.008	0.050				+
#BO_F__1Z	Z		-89.601	-89.601	0.025	-0.025	-0.000	+-
#BO_F__1X	X		-165.280	-165.274	0.025	-0.025	-0.006	--
#BO_F__1D	D		65.063	65.000	0.080	0.061	0.063	---
#BO_F__2Z	Z		-89.601	-89.601	0.025	-0.025	-0.000	+-
#BO_F__2X	X		-165.280	-165.274	0.025	-0.025	-0.006	-

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	-
#BO_F___1P	td	0.013	0.050				++
#FL_F1___Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.003	0.006				+++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.608	128.600	0.025	-0.025	0.008	++
#BO_F/S_PO	R	126.957	126.950	0.025	-0.025	0.007	++
#BO_D/S_PO	R	95.997	96.000	0.025	-0.025	-0.003	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	188.005	188.000	0.025	-0.025	0.005	+
#BO_DG1__Z	Z	87.738	87.732	0.025	-0.025	0.006	+
#BO_DG1__X	X	20.228	20.223	0.025	-0.025	0.005	+
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.015	0.050				++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.509	53.523	0.025	-0.025	-0.014	---
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.029	0.050				+++
#BO_DG3__Z	Z	4.557	4.545	0.025	-0.025	0.012	++
#BO_DG3__X	X	83.763	83.787	0.025	-0.025	-0.024	----
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.055	0.050				0.005
#BO_DG4__Z	Z	-37.427	-37.437	0.025	-0.025	0.010	++
#BO_DG4__X	X	84.987	84.997	0.025	-0.025	-0.010	--
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG4__P	td	0.028	0.050				+++
#BO_SD1__Z	Z	122.764	122.758	0.025	-0.025	0.006	+
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.019	0.050				++
#BO_SD2__Z	Z	-89.530	-89.538	0.025	-0.025	0.008	++

#BO_SD2__X	X	91.439	91.458	0.025	-0.025	-0.019	----
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.042	0.050				++++
#BO_SR2__Z	Z	-56.720	-56.700	0.050	-0.050	-0.020	--
#BO_SR2__X	X	42.718	42.733	0.050	-0.050	-0.015	--
#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR2__P	td	0.050	0.100				++
#BO_SR3__Z	Z	64.870	64.900	0.050	-0.050	-0.030	---
#BO_SR3__X	X	-28.885	-28.887	0.050	-0.050	0.002	+
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.060	0.100				+++
#BO_SR4__Z	Z	94.179	94.176	0.050	-0.050	0.003	+
#BO_SR4__X	X	-70.206	-70.200	0.050	-0.050	-0.006	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR4__P	td	0.014	0.100				+
#BO_SR5__Z	Z	-106.810	-106.831	0.050	-0.050	0.021	++
#BO_SR5__X	X	35.292	35.302	0.050	-0.050	-0.010	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.047	0.100				++
#BO_P__Z	Z	104.533	104.550	0.050	-0.050	-0.017	--
#BO_P__X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.043	0.100				++
#FL_P__1Y	Y	24.521	24.540	0.100	-0.100	-0.019	-
#FL_P__2Y	Y	38.141	38.140	0.050	-0.050	0.001	+
#BO_P1__Z	Z	41.002	41.011	0.050	-0.050	-0.009	-
#BO_P1__X	X	-196.961	-196.986	0.050	-0.050	0.025	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.054	0.100				+++
#FL_P1__1Y	Y	24.742	24.740	0.050	-0.050	0.002	+
#GW_E01__Z	Z	67.842	67.800	0.200	-0.200	0.042	+
#GW_E01__X	X	19.461	19.600	0.200	-0.200	-0.139	---
#GW_E01__P	td	0.291	0.400				+++
#GW_E02__Z	Z	163.158	163.270	0.200	-0.200	-0.112	---
#GW_E02__X	X	41.080	41.180	0.200	-0.200	-0.100	--
#GW_E02__P	td	0.300	0.400				+++
#GW_E03__Z	Z	54.135	54.254	0.200	-0.200	-0.119	---
#GW_E03__X	X	157.726	157.900	0.200	-0.200	-0.174	----
#GW_E03__P	td	0.421	0.400				0.021
#GW_E04__Z	Z	-132.939	132.799	0.200	-0.200	0.140	+++
#GW_E04__X	X	133.589	133.635	0.200	-0.200	-0.046	-

#GW_E04__P	td	0.294	0.400				+++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.507	74.516	0.030	-0.030	-0.009	--
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.045	0.060				+++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.002	0.200				+
#BO_E1_RET	td	0.002	0.050				+
#BO_E2__Z	Z	8.131	8.114	0.030	-0.030	0.017	+++
#BO_E2__X	X	114.973	114.998	0.030	-0.030	-0.025	----
#BO_E2__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E2__P	td	0.060	0.060				0.000
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.001	0.200				+
#BO_E2_RET	td	0.001	0.050				+
#GW_W2__Z	Z	31.178	31.148	0.200	-0.200	0.030	+
#GW_W2__X	X	30.406	30.509	0.200	-0.200	-0.103	---
#GW_W2__P	td	0.214	0.400				+++
#GW_M1__Z	Z	91.553	91.592	0.200	-0.200	-0.039	-
#GW_M1__X	X	7.880	7.978	0.200	-0.200	-0.098	--
#GW_M1__P	td	0.211	0.400				+++
#GW_M4__Z	Z	59.680	59.740	0.200	-0.200	-0.060	--
#GW_M4__X	X	-170.590	-170.500	0.200	-0.200	-0.090	--
#GW_M4__P	td	0.216	0.400				+++
#GW_M2__X	X	-30.125	-30.000	0.200	-0.200	-0.125	---
#GW_M2__Y	Y	88.955	89.000	0.200	-0.200	-0.045	-
#GW_M2__P	td	0.265	0.400				+++
#GW_UM18_Z	Z	-119.615	-119.726	0.200	-0.200	0.111	+++
#GW_UM18_X	X	-246.636	-246.662	0.200	-0.200	0.026	+
#GW_UM18_P	td	0.228	0.400				+++
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.078	99.090	0.050	-0.050	-0.012	-
#BO_T1__Z	Z	-0.054	0.000	0.050	-0.050	-0.054	-0.004
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	+-
#BO_T1__P	td	0.110	0.100				0.010
#GW_T3__Y	Y	-0.032	0.000	0.200	-0.200	-0.032	-
#GW_T3__Z	Z	-20.930	21.000	0.200	-0.200	-0.070	--
#GW_T3__P	td	0.155	0.400				++
#BO_T2__Y	Y	83.500	83.500	0.050	-0.050	0.000	+-

#BO_T2___Z	Z	-0.049	0.000	0.050	-0.050	-0.049	----
#BO_T2___D	D	13.872	13.850	0.043	0.000	0.022	+
#BO_T2___P	td	0.099	0.100				++++
#GW_T4___Y	Y	-0.147	0.000	0.200	-0.200	-0.147	---
#GW_T4___Z	Z	18.406	18.500	0.200	-0.200	-0.094	--
#GW_T4___P	td	0.349	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/09/12 13.41.16

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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DISEGNO No. |Indice |PROV.MAC |ZEISS |TIPO MISURA
G_TR_315__FO.21 | h | Bz - |Cx ZEISS 1 |TEST

OPERATORE | DATA | NUMERO PART. |PROGRAMMA |PALETTE |TIME
Germinari | 9. 9.2012 | PZ 24 |315_FO.21 | | 6:38:45
    
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TEMP. PEZZO 22.82

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.057	0.050				0.007
#H_PLA/100	t		0.006	0.030				+
#BO_J_Z	Z		146.847	146.846	0.030	-0.030	0.001	+
#BO_J_X	X		76.159	76.161	0.030	-0.030	-0.002	-
#BO_J_D	D		9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P	td		0.004	0.060				+
#BO_R_Z	Z		-176.003	-176.000	0.030	-0.030	-0.003	-
#BO_R_X	X		-70.504	-70.500	0.030	-0.030	-0.004	-
#BO_R_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P	td		0.010	0.060				+
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__1X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D	D		62.004	62.000	0.030	0.000	0.004	----
#BO_L__2Z	Z		-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__2X	X		-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.013	0.050				++
#FL_L1__Y	Y		192.023	192.000	0.050	-0.050	0.023	++
#BO_S__1Z	Z		15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__1X	X		-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z	Z		15.905	15.906	0.025	-0.025	-0.001	-
#BO_S__2X	X		-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.009	0.050				+
#BO_F__1Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X	X		-165.275	-165.274	0.025	-0.025	-0.001	-
#BO_F__1D	D		65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z	Z		-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X	X		-165.274	-165.274	0.025	-0.025	-0.000	+-

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	--
#BO_F___1P	td	0.004	0.050				+
#FL_F1___Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.004	0.006				+++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.603	128.600	0.025	-0.025	0.003	+
#BO_F/S_PO	R	126.954	126.950	0.025	-0.025	0.004	+
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.993	80.000	0.025	-0.025	-0.007	--
#BO_D/F_PO	R	188.001	188.000	0.025	-0.025	0.001	+
#BO_DG1__Z	Z	87.733	87.732	0.025	-0.025	0.001	+
#BO_DG1__X	X	20.238	20.223	0.025	-0.025	0.015	+++
#BO_DG1__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG1__P	td	0.030	0.050				+++
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.521	53.523	0.025	-0.025	-0.002	-
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.006	0.050				+
#BO_DG3__Z	Z	4.555	4.545	0.025	-0.025	0.010	++
#BO_DG3__X	X	83.777	83.787	0.025	-0.025	-0.010	--
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.029	0.050				+++
#BO_DG4__Z	Z	-37.429	-37.437	0.025	-0.025	0.008	++
#BO_DG4__X	X	85.003	84.997	0.025	-0.025	0.006	+
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	+++
#BO_DG4__P	td	0.020	0.050				++
#BO_SD1__Z	Z	122.773	122.758	0.025	-0.025	0.015	+++
#BO_SD1__X	X	-18.895	-18.886	0.025	-0.025	-0.009	--
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.036	0.050				+++
#BO_SD2__Z	Z	-89.514	-89.538	0.025	-0.025	0.024	++++

#BO_SD2__X	X	91.440	91.458	0.025	-0.025	-0.018	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.060	0.050				0.010
#BO_SR2__Z	Z	-56.709	-56.700	0.050	-0.050	-0.009	-
#BO_SR2__X	X	42.712	42.733	0.050	-0.050	-0.021	--
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	++
#BO_SR2__P	td	0.045	0.100				++
#BO_SR3__Z	Z	64.883	64.900	0.050	-0.050	-0.017	--
#BO_SR3__X	X	-28.889	-28.887	0.050	-0.050	-0.002	-
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.034	0.100				++
#BO_SR4__Z	Z	94.171	94.176	0.050	-0.050	-0.005	-
#BO_SR4__X	X	-70.203	-70.200	0.050	-0.050	-0.003	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.012	0.100				+
#BO_SR5__Z	Z	-106.813	-106.831	0.050	-0.050	0.018	++
#BO_SR5__X	X	35.293	35.302	0.050	-0.050	-0.009	-
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.041	0.100				++
#BO_P__Z	Z	104.541	104.550	0.050	-0.050	-0.009	-
#BO_P__X	X	-117.249	-117.257	0.050	-0.050	0.008	+
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.025	0.100				+
#FL_P__1Y	Y	24.527	24.540	0.100	-0.100	-0.013	-
#FL_P__2Y	Y	38.140	38.140	0.050	-0.050	0.000	+-
#BO_P1__Z	Z	41.011	41.011	0.050	-0.050	0.000	+-
#BO_P1__X	X	-196.968	-196.986	0.050	-0.050	0.018	++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.036	0.100				++
#FL_P1__1Y	Y	24.744	24.740	0.050	-0.050	0.004	+
#GW_E01__Z	Z	67.905	67.800	0.200	-0.200	0.105	+++
#GW_E01__X	X	19.553	19.600	0.200	-0.200	-0.047	-
#GW_E01__P	td	0.231	0.400				+++
#GW_E02__Z	Z	163.222	163.270	0.200	-0.200	-0.048	-
#GW_E02__X	X	41.171	41.180	0.200	-0.200	-0.009	-
#GW_E02__P	td	0.097	0.400				+
#GW_E03__Z	Z	54.201	54.254	0.200	-0.200	-0.053	--
#GW_E03__X	X	157.852	157.900	0.200	-0.200	-0.048	-
#GW_E03__P	td	0.143	0.400				++
#GW_E04__Z	Z	-132.849	132.799	0.200	-0.200	0.050	+
#GW_E04__X	X	133.665	133.635	0.200	-0.200	0.030	+

#GW_E04__P	td	0.117	0.400				++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.514	74.516	0.030	-0.030	-0.002	-
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.040	0.060				+++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.133	8.114	0.030	-0.030	0.019	+++
#BO_E2__X	X	114.984	114.998	0.030	-0.030	-0.014	--
#BO_E2__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E2__P	td	0.047	0.060				++++
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.002	0.200				+
#BO_E2_RET	td	0.002	0.050				+
#GW_W2__Z	Z	31.188	31.148	0.200	-0.200	0.040	+
#GW_W2__X	X	30.416	30.509	0.200	-0.200	-0.093	--
#GW_W2__P	td	0.202	0.400				+++
#GW_M1__Z	Z	91.567	91.592	0.200	-0.200	-0.025	-
#GW_M1__X	X	7.919	7.978	0.200	-0.200	-0.059	--
#GW_M1__P	td	0.127	0.400				++
#GW_M4__Z	Z	59.698	59.740	0.200	-0.200	-0.042	-
#GW_M4__X	X	-170.557	-170.500	0.200	-0.200	-0.057	--
#GW_M4__P	td	0.142	0.400				++
#GW_M2__X	X	-30.059	-30.000	0.200	-0.200	-0.059	--
#GW_M2__Y	Y	88.909	89.000	0.200	-0.200	-0.091	--
#GW_M2__P	td	0.218	0.400				+++
#GW_UM18_Z	Z	-119.618	-119.726	0.200	-0.200	0.108	+++
#GW_UM18_X	X	-246.619	-246.662	0.200	-0.200	0.043	+
#GW_UM18_P	td	0.233	0.400				+++
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.087	99.090	0.050	-0.050	-0.003	-
#BO_T1__Z	Z	-0.039	0.000	0.050	-0.050	-0.039	----
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T1__P	td	0.079	0.100				++++
#GW_T3__Y	Y	-0.040	0.000	0.200	-0.200	-0.040	-
#GW_T3__Z	Z	-20.885	21.000	0.200	-0.200	-0.115	---
#GW_T3__P	td	0.245	0.400				+++
#BO_T2__Y	Y	83.509	83.500	0.050	-0.050	0.009	+

#BO_T2___Z	Z	-0.022	0.000	0.050	-0.050	-0.022	--
#BO_T2___D	D	13.872	13.850	0.043	0.000	0.022	+
#BO_T2___P	td	0.047	0.100				++
#GW_T4___Y	Y	-0.110	0.000	0.200	-0.200	-0.110	---
#GW_T4___Z	Z	18.417	18.500	0.200	-0.200	-0.083	--
#GW_T4___P	td	0.276	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/09/12 13.41.17

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
G_TR_315___FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Germinari | 9. 9.2012 | PZ 23 | 315_FO.21 | | 6:19:21
    
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TEMP. PEZZO 22.90

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.031	0.050				+++
#H_PLA/100		t	0.008	0.030				++
#BO_J_Z		Z	146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X		X	76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D		D	9.996	10.000	0.005	-0.010	-0.004	-
#BO_J_P		td	0.026	0.060				++
#BO_R_Z		Z	-175.974	-176.000	0.030	-0.030	0.026	++++
#BO_R_X		X	-70.493	-70.500	0.030	-0.030	0.007	+
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_R_P		td	0.054	0.060				++++
#BO_D__1D		D	62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D		D	62.011	62.000	0.030	0.000	0.011	--
#BO_L__2Z		Z	-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__2X		X	-38.121	-38.127	0.025	-0.025	0.006	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.015	0.050				++
#FL_L1__Y		Y	192.029	192.000	0.050	-0.050	0.029	+++
#BO_S__1Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X		X	-94.677	-94.673	0.025	-0.025	-0.004	-
#BO_S__1D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_S__2Z		Z	15.891	15.906	0.025	-0.025	-0.015	---
#BO_S__2X		X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.029	0.050				+++
#BO_F__1Z		Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__1X		X	-165.267	-165.274	0.025	-0.025	0.007	++
#BO_F__1D		D	65.058	65.000	0.080	0.061	0.058	-0.003
#BO_F__2Z		Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X		X	-165.268	-165.274	0.025	-0.025	0.006	+

#BO_F___2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F___1P	td	0.014	0.050				++
#FL_F1___Y	Y	26.056	26.100	0.080	-0.080	-0.044	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.008	0.010				++++
#BO_L_ROT	t	0.010	0.010				++++
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.599	128.600	0.025	-0.025	-0.001	-
#BO_F/S_PO	R	126.933	126.950	0.025	-0.025	-0.017	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.992	188.000	0.025	-0.025	-0.008	--
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	-
#BO_DG1__X	X	20.229	20.223	0.025	-0.025	0.006	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.017	0.050				++
#BO_DG2__Z	Z	62.141	62.138	0.025	-0.025	0.003	+
#BO_DG2__X	X	53.529	53.523	0.025	-0.025	0.006	++
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG2__P	td	0.014	0.050				++
#BO_DG3__Z	Z	4.561	4.545	0.025	-0.025	0.016	+++
#BO_DG3__X	X	83.790	83.787	0.025	-0.025	0.003	+
#BO_DG3__D	D	8.024	8.000	0.040	0.025	0.024	-0.001
#BO_DG3__P	td	0.033	0.050				+++
#BO_DG4__Z	Z	-37.423	-37.437	0.025	-0.025	0.014	+++
#BO_DG4__X	X	84.999	84.997	0.025	-0.025	0.002	+
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+-
#BO_DG4__P	td	0.027	0.050				+++
#BO_SD1__Z	Z	122.736	122.758	0.025	-0.025	-0.022	----
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	++++
#BO_SD1__P	td	0.046	0.050				++++
#BO_SD2__Z	Z	-89.519	-89.538	0.025	-0.025	0.019	+++

#BO_SD2__X	X	91.478	91.458	0.025	-0.025	0.020	++++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.054	0.050				0.004
#BO_SR2__Z	Z	-56.684	-56.700	0.050	-0.050	0.016	++
#BO_SR2__X	X	42.727	42.733	0.050	-0.050	-0.006	-
#BO_SR2__D	D	13.012	13.000	0.018	0.000	0.012	++
#BO_SR2__P	td	0.033	0.100				++
#BO_SR3__Z	Z	64.888	64.900	0.050	-0.050	-0.012	-
#BO_SR3__X	X	-28.899	-28.887	0.050	-0.050	-0.012	-
#BO_SR3__D	D	13.013	13.000	0.018	0.000	0.013	++
#BO_SR3__P	td	0.033	0.100				++
#BO_SR4__Z	Z	94.147	94.176	0.050	-0.050	-0.029	---
#BO_SR4__X	X	-70.205	-70.200	0.050	-0.050	-0.005	-
#BO_SR4__D	D	10.012	10.000	0.015	0.000	0.012	+++
#BO_SR4__P	td	0.059	0.100				+++
#BO_SR5__Z	Z	-106.825	-106.831	0.050	-0.050	0.006	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR5__P	td	0.022	0.100				+
#BO_P__Z	Z	104.554	104.550	0.050	-0.050	0.004	+
#BO_P__X	X	-117.245	-117.257	0.050	-0.050	0.012	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	++
#BO_P__P	td	0.025	0.100				++
#FL_P__1Y	Y	24.535	24.540	0.100	-0.100	-0.005	-
#FL_P__2Y	Y	38.093	38.140	0.050	-0.050	-0.047	----
#BO_P1__Z	Z	41.018	41.011	0.050	-0.050	0.007	+
#BO_P1__X	X	-196.967	-196.986	0.050	-0.050	0.019	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.041	0.100				++
#FL_P1__1Y	Y	24.781	24.740	0.050	-0.050	0.041	++++
#GW_E01__Z	Z	67.755	67.800	0.200	-0.200	-0.045	-
#GW_E01__X	X	19.589	19.600	0.200	-0.200	-0.011	-
#GW_E01__P	td	0.093	0.400				+
#GW_E02__Z	Z	163.099	163.270	0.200	-0.200	-0.171	----
#GW_E02__X	X	41.190	41.180	0.200	-0.200	0.010	+
#GW_E02__P	td	0.342	0.400				++++
#GW_E03__Z	Z	54.113	54.254	0.200	-0.200	-0.141	---
#GW_E03__X	X	157.883	157.900	0.200	-0.200	-0.017	-
#GW_E03__P	td	0.284	0.400				+++
#GW_E04__Z	Z	-132.939	132.799	0.200	-0.200	0.140	+++
#GW_E04__X	X	133.807	133.635	0.200	-0.200	0.172	++++

#GW_E04__P	td	0.444	0.400				0.044
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.520	74.516	0.030	-0.030	0.004	+
#BO_E1__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.005	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	115.000	114.998	0.030	-0.030	0.002	+
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.047	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.164	31.148	0.200	-0.200	0.016	+
#GW_W2__X	X	30.441	30.509	0.200	-0.200	-0.068	--
#GW_W2__P	td	0.140	0.400				++
#GW_M1__Z	Z	91.595	91.592	0.200	-0.200	0.003	+
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.083	0.400				+
#GW_M4__Z	Z	59.676	59.740	0.200	-0.200	-0.064	--
#GW_M4__X	X	-170.495	-170.500	0.200	-0.200	0.005	+
#GW_M4__P	td	0.128	0.400				++
#GW_M2__X	X	-29.929	-30.000	0.200	-0.200	0.071	++
#GW_M2__Y	Y	89.053	89.000	0.200	-0.200	0.053	++
#GW_M2__P	td	0.178	0.400				++
#GW_UM18_Z	Z	-119.731	-119.726	0.200	-0.200	-0.005	-
#GW_UM18_X	X	-246.615	-246.662	0.200	-0.200	0.047	+
#GW_UM18_P	td	0.094	0.400				+
#U18_RETT	td	0.011	0.100				+
#BO_T1__Y	Y	99.100	99.090	0.050	-0.050	0.010	+
#BO_T1__Z	Z	0.009	0.000	0.050	-0.050	0.009	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.027	0.100				++
#GW_T3__Y	Y	-0.032	0.000	0.200	-0.200	-0.032	-
#GW_T3__Z	Z	-20.950	21.000	0.200	-0.200	-0.050	-
#GW_T3__P	td	0.119	0.400				++
#BO_T2__Y	Y	83.512	83.500	0.050	-0.050	0.012	+

#BO_T2__Z	Z	0.017	0.000	0.050	-0.050	0.017	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.043	0.100				++
#GW_T4__Y	Y	0.086	0.000	0.200	-0.200	0.086	++
#GW_T4__Z	Z	18.524	18.500	0.200	-0.200	0.024	+
#GW_T4__P	td	0.179	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/09/12 13.41.17

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Germinari | 9. 9.2012 | PZ 22 | 315_FO.21 | | 5:50:50
  
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TEMP. PEZZO 22.91

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.042	0.050				++++
#H_PLA/100	t		0.005	0.030				+
#BO_J_Z	Z		146.858	146.846	0.030	-0.030	0.012	++
#BO_J_X	X		76.167	76.161	0.030	-0.030	0.006	+
#BO_J_D	D		9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P	td		0.027	0.060				++
#BO_R_Z	Z		-176.000	-176.000	0.030	-0.030	0.000	+-
#BO_R_X	X		-70.500	-70.500	0.030	-0.030	-0.000	+-
#BO_R_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P	td		0.001	0.060				+
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__2X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.015	0.050				++
#FL_L1__Y	Y		192.026	192.000	0.050	-0.050	0.026	+++
#BO_S__1Z	Z		15.908	15.906	0.025	-0.025	0.002	+
#BO_S__1X	X		-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z	Z		15.907	15.906	0.025	-0.025	0.001	+
#BO_S__2X	X		-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.014	0.050				++
#BO_F__1Z	Z		-89.594	-89.601	0.025	-0.025	0.007	++
#BO_F__1X	X		-165.266	-165.274	0.025	-0.025	0.008	++
#BO_F__1D	D		65.063	65.000	0.080	0.061	0.063	----
#BO_F__2Z	Z		-89.594	-89.601	0.025	-0.025	0.007	++
#BO_F__2X	X		-165.266	-165.274	0.025	-0.025	0.008	++

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	--
#BO_F___1P	td	0.021	0.050				++
#FL_F1___Y	Y	26.059	26.100	0.080	-0.080	-0.041	---
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.007	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				+++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.593	128.600	0.025	-0.025	-0.007	--
#BO_F/S_PO	R	126.945	126.950	0.025	-0.025	-0.005	-
#BO_D/S_PO	R	95.994	96.000	0.025	-0.025	-0.006	--
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.989	188.000	0.025	-0.025	-0.011	--
#BO_DG1__Z	Z	87.747	87.732	0.025	-0.025	0.015	+++
#BO_DG1__X	X	20.243	20.223	0.025	-0.025	0.020	++++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.051	0.050				0.001
#BO_DG2__Z	Z	62.151	62.138	0.025	-0.025	0.013	+++
#BO_DG2__X	X	53.529	53.523	0.025	-0.025	0.006	+
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.029	0.050				+++
#BO_DG3__Z	Z	4.566	4.545	0.025	-0.025	0.021	++++
#BO_DG3__X	X	83.781	83.787	0.025	-0.025	-0.006	-
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.043	0.050				++++
#BO_DG4__Z	Z	-37.418	-37.437	0.025	-0.025	0.019	+++
#BO_DG4__X	X	85.001	84.997	0.025	-0.025	0.004	+
#BO_DG4__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG4__P	td	0.038	0.050				++++
#BO_SD1__Z	Z	122.788	122.758	0.025	-0.025	0.030	0.005
#BO_SD1__X	X	-18.886	-18.886	0.025	-0.025	-0.000	+-
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.060	0.050				0.010
#BO_SD2__Z	Z	-89.508	-89.538	0.025	-0.025	0.030	0.005

#BO_SD2__X	X	91.441	91.458	0.025	-0.025	-0.017	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.070	0.050				0.020
#BO_SR2__Z	Z	-56.705	-56.700	0.050	-0.050	-0.005	-
#BO_SR2__X	X	42.714	42.733	0.050	-0.050	-0.019	--
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.040	0.100				++
#BO_SR3__Z	Z	64.885	64.900	0.050	-0.050	-0.015	--
#BO_SR3__X	X	-28.888	-28.887	0.050	-0.050	-0.001	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.030	0.100				++
#BO_SR4__Z	Z	94.182	94.176	0.050	-0.050	0.006	+
#BO_SR4__X	X	-70.194	-70.200	0.050	-0.050	0.006	+
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.017	0.100				+
#BO_SR5__Z	Z	-106.809	-106.831	0.050	-0.050	0.022	++
#BO_SR5__X	X	35.302	35.302	0.050	-0.050	-0.000	+-
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.043	0.100				++
#BO_P__Z	Z	104.555	104.550	0.050	-0.050	0.005	+
#BO_P__X	X	-117.234	-117.257	0.050	-0.050	0.023	++
#BO_P__D	D	18.007	18.000	0.018	0.000	0.007	-
#BO_P__P	td	0.047	0.100				++
#FL_P__1Y	Y	24.529	24.540	0.100	-0.100	-0.011	-
#FL_P__2Y	Y	38.147	38.140	0.050	-0.050	0.007	+
#BO_P1__Z	Z	41.023	41.011	0.050	-0.050	0.012	+
#BO_P1__X	X	-196.951	-196.986	0.050	-0.050	0.035	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.074	0.100				+++
#FL_P1__1Y	Y	24.741	24.740	0.050	-0.050	0.001	+
#GW_E01__Z	Z	67.871	67.800	0.200	-0.200	0.071	++
#GW_E01__X	X	19.494	19.600	0.200	-0.200	-0.106	---
#GW_E01__P	td	0.254	0.400				+++
#GW_E02__Z	Z	163.182	163.270	0.200	-0.200	-0.088	--
#GW_E02__X	X	41.121	41.180	0.200	-0.200	-0.059	--
#GW_E02__P	td	0.212	0.400				+++
#GW_E03__Z	Z	54.185	54.254	0.200	-0.200	-0.069	--
#GW_E03__X	X	157.779	157.900	0.200	-0.200	-0.121	---
#GW_E03__P	td	0.278	0.400				+++
#GW_E04__Z	Z	-132.921	132.799	0.200	-0.200	0.122	+++
#GW_E04__X	X	133.620	133.635	0.200	-0.200	-0.015	-

#GW_E04__P	td	0.247	0.400				+++
#BO_E1__Z	Z	85.540	85.509	0.030	-0.030	0.031	0.001
#BO_E1__X	X	74.518	74.516	0.030	-0.030	0.002	+
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.063	0.060				0.003
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.003	0.050				+
#BO_E2__Z	Z	8.142	8.114	0.030	-0.030	0.028	++++
#BO_E2__X	X	114.987	114.998	0.030	-0.030	-0.011	--
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.059	0.060				++++
#BO_E2__2D	D	37.627	37.600	0.039	0.000	0.027	++
#BO_E2_CON	td	0.002	0.200				+
#BO_E2_RET	td	0.002	0.050				+
#GW_W2__Z	Z	31.177	31.148	0.200	-0.200	0.029	+
#GW_W2__X	X	30.446	30.509	0.200	-0.200	-0.063	--
#GW_W2__P	td	0.139	0.400				++
#GW_M1__Z	Z	91.538	91.592	0.200	-0.200	-0.054	--
#GW_M1__X	X	7.909	7.978	0.200	-0.200	-0.069	--
#GW_M1__P	td	0.174	0.400				++
#GW_M4__Z	Z	59.671	59.740	0.200	-0.200	-0.069	--
#GW_M4__X	X	-170.560	-170.500	0.200	-0.200	-0.060	--
#GW_M4__P	td	0.182	0.400				++
#GW_M2__X	X	-30.103	-30.000	0.200	-0.200	-0.103	---
#GW_M2__Y	Y	88.951	89.000	0.200	-0.200	-0.049	-
#GW_M2__P	td	0.228	0.400				+++
#GW_UM18_Z	Z	-119.601	-119.726	0.200	-0.200	0.125	+++
#GW_UM18_X	X	-246.608	-246.662	0.200	-0.200	0.054	++
#GW_UM18_P	td	0.272	0.400				+++
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.089	99.090	0.050	-0.050	-0.001	-
#BO_T1__Z	Z	-0.052	0.000	0.050	-0.050	-0.052	-0.002
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	+-
#BO_T1__P	td	0.103	0.100				0.003
#GW_T3__Y	Y	-0.033	0.000	0.200	-0.200	-0.033	-
#GW_T3__Z	Z	-20.884	21.000	0.200	-0.200	-0.116	---
#GW_T3__P	td	0.241	0.400				+++
#BO_T2__Y	Y	83.509	83.500	0.050	-0.050	0.009	+

#BO_T2__Z	Z	-0.046	0.000	0.050	-0.050	-0.046	----
#BO_T2__D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2__P	td	0.093	0.100				++++
#GW_T4__Y	Y	-0.128	0.000	0.200	-0.200	-0.128	---
#GW_T4__Z	Z	18.417	18.500	0.200	-0.200	-0.083	--
#GW_T4__P	td	0.304	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/09/12 13.41.18

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Partipilo | 8. 9.2012 | PZ 21 | 315_FO.21 | | 17:16:55

TEMP. PEZZO 25.57

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.031	0.050				+++
#H_PLA/100		t	0.007	0.030				+
#BO_J_Z		Z	146.862	146.846	0.030	-0.030	0.016	+++
#BO_J_X		X	76.165	76.161	0.030	-0.030	0.004	+
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.033	0.060				+++
#BO_R_Z		Z	-175.970	-176.000	0.030	-0.030	0.030	0.000
#BO_R_X		X	-70.490	-70.500	0.030	-0.030	0.010	++
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P		td	0.064	0.060				0.004
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_L__2Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P		td	0.015	0.050				++
#FL_L1__Y		Y	192.028	192.000	0.050	-0.050	0.028	+++
#BO_S__1Z		Z	15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X		X	-94.674	-94.673	0.025	-0.025	-0.001	-
#BO_S__1D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X		X	-94.674	-94.673	0.025	-0.025	-0.001	-
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.026	0.050				+++
#BO_F__1Z		Z	-89.598	-89.601	0.025	-0.025	0.003	+
#BO_F__1X		X	-165.263	-165.274	0.025	-0.025	0.011	++
#BO_F__1D		D	65.056	65.000	0.080	0.061	0.056	-0.005
#BO_F__2Z		Z	-89.598	-89.601	0.025	-0.025	0.003	+
#BO_F__2X		X	-165.263	-165.274	0.025	-0.025	0.011	++

#BO_F__2D	D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__1P	td	0.023	0.050				++
#FL_F1__Y	Y	26.052	26.100	0.080	-0.080	-0.048	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.010	0.010				++++
#BO_F_ROT	t	0.010	0.010				0.000
#BO_D_LIN	tx	0.005	0.006				++++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.595	128.600	0.025	-0.025	-0.005	-
#BO_F/S_PO	R	126.930	126.950	0.025	-0.025	-0.020	----
#BO_D/S_PO	R	95.999	96.000	0.025	-0.025	-0.001	-
#BO_D/L_PO	R	79.994	80.000	0.025	-0.025	-0.006	-
#BO_D/F_PO	R	187.986	188.000	0.025	-0.025	-0.014	---
#BO_DG1__Z	Z	87.729	87.732	0.025	-0.025	-0.003	-
#BO_DG1__X	X	20.229	20.223	0.025	-0.025	0.006	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.142	62.138	0.025	-0.025	0.004	+
#BO_DG2__X	X	53.528	53.523	0.025	-0.025	0.005	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.012	0.050				+
#BO_DG3__Z	Z	4.564	4.545	0.025	-0.025	0.019	++++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	0.000	+-
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG3__P	td	0.038	0.050				++++
#BO_DG4__Z	Z	-37.419	-37.437	0.025	-0.025	0.018	+++
#BO_DG4__X	X	84.996	84.997	0.025	-0.025	-0.001	-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.035	0.050				+++
#BO_SD1__Z	Z	122.742	122.758	0.025	-0.025	-0.016	---
#BO_SD1__X	X	-18.891	-18.886	0.025	-0.025	-0.005	-
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.034	0.050				+++
#BO_SD2__Z	Z	-89.514	-89.538	0.025	-0.025	0.024	++++

#BO_SD2__X	X	91.476	91.458	0.025	-0.025	0.018	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.061	0.050				0.011
#BO_SR2__Z	Z	-56.682	-56.700	0.050	-0.050	0.018	++
#BO_SR2__X	X	42.725	42.733	0.050	-0.050	-0.008	-
#BO_SR2__D	D	13.016	13.000	0.018	0.000	0.016	+++
#BO_SR2__P	td	0.039	0.100				++
#BO_SR3__Z	Z	64.890	64.900	0.050	-0.050	-0.010	-
#BO_SR3__X	X	-28.895	-28.887	0.050	-0.050	-0.008	-
#BO_SR3__D	D	13.012	13.000	0.018	0.000	0.012	++
#BO_SR3__P	td	0.026	0.100				++
#BO_SR4__Z	Z	94.151	94.176	0.050	-0.050	-0.025	--
#BO_SR4__X	X	-70.200	-70.200	0.050	-0.050	0.000	+-
#BO_SR4__D	D	10.009	10.000	0.015	0.000	0.009	+
#BO_SR4__P	td	0.049	0.100				++
#BO_SR5__Z	Z	-106.819	-106.831	0.050	-0.050	0.012	+
#BO_SR5__X	X	35.311	35.302	0.050	-0.050	0.009	+
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.030	0.100				++
#BO_P__Z	Z	104.560	104.550	0.050	-0.050	0.010	+
#BO_P__X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.033	0.100				++
#FL_P__1Y	Y	24.540	24.540	0.100	-0.100	-0.000	+-
#FL_P__2Y	Y	38.095	38.140	0.050	-0.050	-0.045	----
#BO_P1__Z	Z	41.025	41.011	0.050	-0.050	0.014	++
#BO_P1__X	X	-196.963	-196.986	0.050	-0.050	0.023	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.054	0.100				+++
#FL_P1__1Y	Y	24.783	24.740	0.050	-0.050	0.043	++++
#GW_E01__Z	Z	67.784	67.800	0.200	-0.200	-0.016	-
#GW_E01__X	X	19.560	19.600	0.200	-0.200	-0.040	-
#GW_E01__P	td	0.086	0.400				+
#GW_E02__Z	Z	163.133	163.270	0.200	-0.200	-0.137	---
#GW_E02__X	X	41.201	41.180	0.200	-0.200	0.021	+
#GW_E02__P	td	0.278	0.400				+++
#GW_E03__Z	Z	54.114	54.254	0.200	-0.200	-0.140	---
#GW_E03__X	X	157.886	157.900	0.200	-0.200	-0.014	-
#GW_E03__P	td	0.282	0.400				+++
#GW_E04__Z	Z	-132.968	132.799	0.200	-0.200	0.169	++++
#GW_E04__X	X	133.745	133.635	0.200	-0.200	0.110	+++

#GW_E04__P	td	0.403	0.400				0.003
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.517	74.516	0.030	-0.030	0.001	+
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.139	8.114	0.030	-0.030	0.025	++++
#BO_E2__X	X	114.997	114.998	0.030	-0.030	-0.001	-
#BO_E2__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E2__P	td	0.049	0.060				++++
#BO_E2__2D	D	37.621	37.600	0.039	0.000	0.021	+
#BO_E2_CON	td	0.001	0.200				+
#BO_E2_RET	td	0.001	0.050				+
#GW_W2__Z	Z	31.137	31.148	0.200	-0.200	-0.011	-
#GW_W2__X	X	30.412	30.509	0.200	-0.200	-0.097	--
#GW_W2__P	td	0.195	0.400				++
#GW_M1__Z	Z	91.607	91.592	0.200	-0.200	0.015	+
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.087	0.400				+
#GW_M4__Z	Z	59.696	59.740	0.200	-0.200	-0.044	-
#GW_M4__X	X	-170.503	-170.500	0.200	-0.200	-0.003	-
#GW_M4__P	td	0.089	0.400				+
#GW_M2__X	X	-29.926	-30.000	0.200	-0.200	0.074	++
#GW_M2__Y	Y	89.063	89.000	0.200	-0.200	0.063	++
#GW_M2__P	td	0.195	0.400				++
#GW_UM18_Z	Z	-119.717	-119.726	0.200	-0.200	0.009	+
#GW_UM18_X	X	-246.608	-246.662	0.200	-0.200	0.054	++
#GW_UM18_P	td	0.110	0.400				++
#U18_RETT	td	0.010	0.100				+
#BO_T1__Y	Y	99.102	99.090	0.050	-0.050	0.012	+
#BO_T1__Z	Z	0.013	0.000	0.050	-0.050	0.013	++
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.036	0.100				++
#GW_T3__Y	Y	-0.043	0.000	0.200	-0.200	-0.043	-
#GW_T3__Z	Z	-20.943	21.000	0.200	-0.200	-0.057	--
#GW_T3__P	td	0.142	0.400				++
#BO_T2__Y	Y	83.512	83.500	0.050	-0.050	0.012	+

#BO_T2__Z	Z	0.016	0.000	0.050	-0.050	0.016	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.040	0.100				++
#GW_T4__Y	Y	0.092	0.000	0.200	-0.200	0.092	++
#GW_T4__Z	Z	18.512	18.500	0.200	-0.200	0.012	+
#GW_T4__P	td	0.187	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 17.53.01

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Partipilo	8. 9.2012	PZ 20	315_FO.21	16:58: 6

TEMP. PEZZO 25.66

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.038	0.050				++++
#H_PLA/100		t	0.005	0.030				+
#BO_J_Z		Z	146.844	146.846	0.030	-0.030	-0.002	-
#BO_J_X		X	76.154	76.161	0.030	-0.030	-0.007	-
#BO_J_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P		td	0.016	0.060				++
#BO_R_Z		Z	-176.006	-176.000	0.030	-0.030	-0.006	-
#BO_R_X		X	-70.510	-70.500	0.030	-0.030	-0.010	--
#BO_R_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P		td	0.022	0.060				++
#BO_D__1D		D	62.006	62.000	0.019	0.000	0.006	--
#BO_L__1Z		Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X		X	-38.123	-38.127	0.025	-0.025	0.004	+
#BO_L__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_L__2Z		Z	-70.322	-70.330	0.025	-0.025	0.008	++
#BO_L__2X		X	-38.123	-38.127	0.025	-0.025	0.004	+
#BO_L__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__1P		td	0.016	0.050				++
#FL_L1__Y		Y	192.016	192.000	0.050	-0.050	0.016	++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__1X		X	-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z		Z	15.905	15.906	0.025	-0.025	-0.001	-
#BO_S__2X		X	-94.666	-94.673	0.025	-0.025	0.007	++
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.013	0.050				++
#BO_F__1Z		Z	-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__1X		X	-165.276	-165.274	0.025	-0.025	-0.002	-
#BO_F__1D		D	65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z		Z	-89.604	-89.601	0.025	-0.025	-0.003	-
#BO_F__2X		X	-165.275	-165.274	0.025	-0.025	-0.001	-

#BO_F__2D	D	65.067	65.000	0.080	0.061	0.067	--
#BO_F__1P	td	0.008	0.050				+
#FL_F1__Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.029	55.000	0.046	0.000	0.029	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.003	0.006				+++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.606	128.600	0.025	-0.025	0.006	+
#BO_F/S_PO	R	126.957	126.950	0.025	-0.025	0.007	++
#BO_D/S_PO	R	95.994	96.000	0.025	-0.025	-0.006	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	188.003	188.000	0.025	-0.025	0.003	+
#BO_DG1__Z	Z	87.732	87.732	0.025	-0.025	0.000	+-
#BO_DG1__X	X	20.230	20.223	0.025	-0.025	0.007	++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.015	0.050				++
#BO_DG2__Z	Z	62.141	62.138	0.025	-0.025	0.003	+
#BO_DG2__X	X	53.510	53.523	0.025	-0.025	-0.013	---
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.027	0.050				+++
#BO_DG3__Z	Z	4.555	4.545	0.025	-0.025	0.010	++
#BO_DG3__X	X	83.765	83.787	0.025	-0.025	-0.022	----
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.049	0.050				++++
#BO_DG4__Z	Z	-37.429	-37.437	0.025	-0.025	0.008	++
#BO_DG4__X	X	84.991	84.997	0.025	-0.025	-0.006	--
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG4__P	td	0.021	0.050				++
#BO_SD1__Z	Z	122.762	122.758	0.025	-0.025	0.004	+
#BO_SD1__X	X	-18.890	-18.886	0.025	-0.025	-0.004	-
#BO_SD1__D	D	15.990	16.000	0.000	-0.018	-0.010	-
#BO_SD1__P	td	0.012	0.050				+
#BO_SD2__Z	Z	-89.527	-89.538	0.025	-0.025	0.011	++

#BO_SD2__X	X	91.440	91.458	0.025	-0.025	-0.018	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.042	0.050				++++
#BO_SR2__Z	Z	-56.720	-56.700	0.050	-0.050	-0.020	--
#BO_SR2__X	X	42.721	42.733	0.050	-0.050	-0.012	-
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.046	0.100				++
#BO_SR3__Z	Z	64.871	64.900	0.050	-0.050	-0.029	---
#BO_SR3__X	X	-28.880	-28.887	0.050	-0.050	0.007	+
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.059	0.100				+++
#BO_SR4__Z	Z	94.171	94.176	0.050	-0.050	-0.005	-
#BO_SR4__X	X	-70.205	-70.200	0.050	-0.050	-0.005	-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR4__P	td	0.014	0.100				+
#BO_SR5__Z	Z	-106.814	-106.831	0.050	-0.050	0.017	++
#BO_SR5__X	X	35.295	35.302	0.050	-0.050	-0.007	-
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.037	0.100				++
#BO_P__Z	Z	104.529	104.550	0.050	-0.050	-0.021	--
#BO_P__X	X	-117.242	-117.257	0.050	-0.050	0.015	++
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.051	0.100				+++
#FL_P__1Y	Y	24.519	24.540	0.100	-0.100	-0.021	-
#FL_P__2Y	Y	38.134	38.140	0.050	-0.050	-0.006	-
#BO_P1__Z	Z	40.998	41.011	0.050	-0.050	-0.013	--
#BO_P1__X	X	-196.956	-196.986	0.050	-0.050	0.030	+++
#BO_P1__D	D	12.043	12.000	0.050	0.032	0.043	+
#BO_P1__P	td	0.065	0.100				+++
#FL_P1__1Y	Y	24.737	24.740	0.050	-0.050	-0.003	-
#GW_E01__Z	Z	67.856	67.800	0.200	-0.200	0.056	++
#GW_E01__X	X	19.515	19.600	0.200	-0.200	-0.085	--
#GW_E01__P	td	0.203	0.400				+++
#GW_E02__Z	Z	163.198	163.270	0.200	-0.200	-0.072	--
#GW_E02__X	X	41.130	41.180	0.200	-0.200	-0.050	-
#GW_E02__P	td	0.175	0.400				++
#GW_E03__Z	Z	54.155	54.254	0.200	-0.200	-0.099	--
#GW_E03__X	X	157.795	157.900	0.200	-0.200	-0.105	---
#GW_E03__P	td	0.288	0.400				+++
#GW_E04__Z	Z	-132.946	132.799	0.200	-0.200	0.147	+++
#GW_E04__X	X	133.642	133.635	0.200	-0.200	0.007	+

#GW_E04__P	td	0.295	0.400				+++
#BO_E1__Z	Z	85.520	85.509	0.030	-0.030	0.011	++
#BO_E1__X	X	74.510	74.516	0.030	-0.030	-0.006	-
#BO_E1__D	D	34.063	34.050	0.025	0.000	0.013	+-
#BO_E1__P	td	0.025	0.060				++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.125	8.114	0.030	-0.030	0.011	++
#BO_E2__X	X	114.975	114.998	0.030	-0.030	-0.023	---
#BO_E2__D	D	34.063	34.050	0.025	0.000	0.013	+-
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E2_CON	td	0.003	0.200				+
#BO_E2_RET	td	0.003	0.050				+
#GW_W2__Z	Z	31.192	31.148	0.200	-0.200	0.044	+
#GW_W2__X	X	30.424	30.509	0.200	-0.200	-0.085	--
#GW_W2__P	td	0.191	0.400				++
#GW_M1__Z	Z	91.565	91.592	0.200	-0.200	-0.027	-
#GW_M1__X	X	7.902	7.978	0.200	-0.200	-0.076	--
#GW_M1__P	td	0.162	0.400				++
#GW_M4__Z	Z	59.676	59.740	0.200	-0.200	-0.064	--
#GW_M4__X	X	-170.546	-170.500	0.200	-0.200	-0.046	-
#GW_M4__P	td	0.157	0.400				++
#GW_M2__X	X	-30.094	-30.000	0.200	-0.200	-0.094	--
#GW_M2__Y	Y	88.928	89.000	0.200	-0.200	-0.072	--
#GW_M2__P	td	0.237	0.400				+++
#GW_UM18_Z	Z	-119.618	-119.726	0.200	-0.200	0.108	+++
#GW_UM18_X	X	-246.628	-246.662	0.200	-0.200	0.034	+
#GW_UM18_P	td	0.226	0.400				+++
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.078	99.090	0.050	-0.050	-0.012	-
#BO_T1__Z	Z	-0.054	0.000	0.050	-0.050	-0.054	-0.004
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T1__P	td	0.111	0.100				0.011
#GW_T3__Y	Y	-0.044	0.000	0.200	-0.200	-0.044	-
#GW_T3__Z	Z	-20.929	21.000	0.200	-0.200	-0.071	--
#GW_T3__P	td	0.168	0.400				++
#BO_T2__Y	Y	83.499	83.500	0.050	-0.050	-0.001	-

#BO_T2__Z	Z	-0.055	0.000	0.050	-0.050	-0.055	-0.005
#BO_T2__D	D	13.872	13.850	0.043	0.000	0.022	+-
#BO_T2__P	td	0.110	0.100				0.010
#GW_T4__Y	Y	-0.156	0.000	0.200	-0.200	-0.156	----
#GW_T4__Z	Z	18.398	18.500	0.200	-0.200	-0.102	---
#GW_T4__P	td	0.373	0.400				++++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 17.16.22

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Partipilo	8. 9.2012	PZ 19	315_FO.21	16:33:32

TEMP. PEZZO 25.76

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.029	0.050				+++
#H_PLA/100	t		0.008	0.030				++
#BO_J_Z	Z		146.863	146.846	0.030	-0.030	0.017	+++
#BO_J_X	X		76.163	76.161	0.030	-0.030	0.002	+
#BO_J_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P	td		0.034	0.060				+++
#BO_R_Z	Z		-175.974	-176.000	0.030	-0.030	0.026	++++
#BO_R_X	X		-70.494	-70.500	0.030	-0.030	0.006	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P	td		0.054	0.060				++++
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__1X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__1D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__2Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__2X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.019	0.050				++
#FL_L1__Y	Y		192.026	192.000	0.050	-0.050	0.026	+++
#BO_S__1Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X	X		-94.674	-94.673	0.025	-0.025	-0.001	-
#BO_S__1D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.673	-94.673	0.025	-0.025	-0.000	+-
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.027	0.050				+++
#BO_F__1Z	Z		-89.599	-89.601	0.025	-0.025	0.002	+
#BO_F__1X	X		-165.263	-165.274	0.025	-0.025	0.011	++
#BO_F__1D	D		65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__2Z	Z		-89.599	-89.601	0.025	-0.025	0.002	+
#BO_F__2X	X		-165.264	-165.274	0.025	-0.025	0.010	++

#BO_F__2D	D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F__1P	td	0.022	0.050				++
#FL_F1__Y	Y	26.053	26.100	0.080	-0.080	-0.047	---
#BO_F3_D	D	55.021	55.000	0.046	0.000	0.021	-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.010	0.010				++++
#BO_S_ROT	t	0.011	0.010				0.001
#BO_F_ROT	t	0.019	0.010				0.009
#BO_D_LIN	tx	0.004	0.006				+++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.597	128.600	0.025	-0.025	-0.003	-
#BO_F/S_PO	R	126.930	126.950	0.025	-0.025	-0.020	----
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.989	188.000	0.025	-0.025	-0.011	--
#BO_DG1__Z	Z	87.728	87.732	0.025	-0.025	-0.004	-
#BO_DG1__X	X	20.228	20.223	0.025	-0.025	0.005	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.528	53.523	0.025	-0.025	0.005	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	-0.000
#BO_DG2__P	td	0.014	0.050				++
#BO_DG3__Z	Z	4.564	4.545	0.025	-0.025	0.019	+++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	0.000	+-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.037	0.050				+++
#BO_DG4__Z	Z	-37.419	-37.437	0.025	-0.025	0.018	+++
#BO_DG4__X	X	84.997	84.997	0.025	-0.025	-0.000	+-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.037	0.050				+++
#BO_SD1__Z	Z	122.741	122.758	0.025	-0.025	-0.017	---
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.038	0.050				++++
#BO_SD2__Z	Z	-89.514	-89.538	0.025	-0.025	0.024	++++

#BO_SD2__X	X	91.472	91.458	0.025	-0.025	0.014	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.055	0.050				0.005
#BO_SR2__Z	Z	-56.681	-56.700	0.050	-0.050	0.019	++
#BO_SR2__X	X	42.724	42.733	0.050	-0.050	-0.009	-
#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR2__P	td	0.042	0.100				++
#BO_SR3__Z	Z	64.889	64.900	0.050	-0.050	-0.011	-
#BO_SR3__X	X	-28.894	-28.887	0.050	-0.050	-0.007	-
#BO_SR3__D	D	13.031	13.000	0.018	0.000	0.031	0.013
#BO_SR3__P	td	0.027	0.100				++
#BO_SR4__Z	Z	94.148	94.176	0.050	-0.050	-0.028	---
#BO_SR4__X	X	-70.201	-70.200	0.050	-0.050	-0.001	-
#BO_SR4__D	D	10.010	10.000	0.015	0.000	0.010	++
#BO_SR4__P	td	0.055	0.100				+++
#BO_SR5__Z	Z	-106.820	-106.831	0.050	-0.050	0.011	+
#BO_SR5__X	X	35.314	35.302	0.050	-0.050	0.012	+
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.033	0.100				++
#BO_P__Z	Z	104.556	104.550	0.050	-0.050	0.006	+
#BO_P__X	X	-117.245	-117.257	0.050	-0.050	0.012	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.028	0.100				++
#FL_P__1Y	Y	24.539	24.540	0.100	-0.100	-0.001	-
#FL_P__2Y	Y	38.093	38.140	0.050	-0.050	-0.047	----
#BO_P1__Z	Z	41.020	41.011	0.050	-0.050	0.009	+
#BO_P1__X	X	-196.964	-196.986	0.050	-0.050	0.022	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.048	0.100				++
#FL_P1__1Y	Y	24.781	24.740	0.050	-0.050	0.041	++++
#GW_E01__Z	Z	67.784	67.800	0.200	-0.200	-0.016	-
#GW_E01__X	X	19.549	19.600	0.200	-0.200	-0.051	--
#GW_E01__P	td	0.106	0.400				++
#GW_E02__Z	Z	163.128	163.270	0.200	-0.200	-0.142	---
#GW_E02__X	X	41.194	41.180	0.200	-0.200	0.014	+
#GW_E02__P	td	0.286	0.400				+++
#GW_E03__Z	Z	54.125	54.254	0.200	-0.200	-0.129	---
#GW_E03__X	X	157.900	157.900	0.200	-0.200	0.000	+-
#GW_E03__P	td	0.257	0.400				+++
#GW_E04__Z	Z	-132.948	132.799	0.200	-0.200	0.149	+++
#GW_E04__X	X	133.757	133.635	0.200	-0.200	0.122	+++

#GW_E04__P	td	0.385	0.400				++++
#BO_E1__Z	Z	85.527	85.509	0.030	-0.030	0.018	+++
#BO_E1__X	X	74.516	74.516	0.030	-0.030	-0.000	+-
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	+
#BO_E1__P	td	0.035	0.060				+++
#BO_E1__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.141	8.114	0.030	-0.030	0.027	++++
#BO_E2__X	X	114.995	114.998	0.030	-0.030	-0.003	-
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.053	0.060				++++
#BO_E2__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.164	31.148	0.200	-0.200	0.016	+
#GW_W2__X	X	30.440	30.509	0.200	-0.200	-0.069	--
#GW_W2__P	td	0.142	0.400				++
#GW_M1__Z	Z	91.603	91.592	0.200	-0.200	0.011	+
#GW_M1__X	X	7.933	7.978	0.200	-0.200	-0.045	-
#GW_M1__P	td	0.093	0.400				+
#GW_M4__Z	Z	59.687	59.740	0.200	-0.200	-0.053	--
#GW_M4__X	X	-170.523	-170.500	0.200	-0.200	-0.023	-
#GW_M4__P	td	0.116	0.400				++
#GW_M2__X	X	-29.937	-30.000	0.200	-0.200	0.063	++
#GW_M2__Y	Y	89.077	89.000	0.200	-0.200	0.077	++
#GW_M2__P	td	0.200	0.400				++
#GW_UM18_Z	Z	-119.728	-119.726	0.200	-0.200	-0.002	-
#GW_UM18_X	X	-246.603	-246.662	0.200	-0.200	0.059	++
#GW_UM18_P	td	0.119	0.400				++
#U18_RETT	td	0.011	0.100				+
#BO_T1__Y	Y	99.100	99.090	0.050	-0.050	0.010	+
#BO_T1__Z	Z	0.009	0.000	0.050	-0.050	0.009	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.027	0.100				++
#GW_T3__Y	Y	-0.047	0.000	0.200	-0.200	-0.047	-
#GW_T3__Z	Z	-20.944	21.000	0.200	-0.200	-0.056	--
#GW_T3__P	td	0.146	0.400				++
#BO_T2__Y	Y	83.510	83.500	0.050	-0.050	0.010	+

#BO_T2__Z	Z	0.010	0.000	0.050	-0.050	0.010	+
#BO_T2__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T2__P	td	0.028	0.100				++
#GW_T4__Y	Y	0.084	0.000	0.200	-0.200	0.084	++
#GW_T4__Z	Z	18.533	18.500	0.200	-0.200	0.033	+
#GW_T4__P	td	0.181	0.400				++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 16.55.35

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Partipilo	8. 9.2012	PZ 17	315_FO.21	12:30:56

TEMP. PEZZO 25.14

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.030	0.050				+++
#H_PLA/100	t		0.007	0.030				+
#BO_J_Z	Z		146.860	146.846	0.030	-0.030	0.014	++
#BO_J_X	X		76.160	76.161	0.030	-0.030	-0.001	-
#BO_J_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P	td		0.029	0.060				++
#BO_R_Z	Z		-175.973	-176.000	0.030	-0.030	0.027	++++
#BO_R_X	X		-70.496	-70.500	0.030	-0.030	0.004	+
#BO_R_D	D		9.998	10.000	0.005	-0.010	-0.002	+-
#BO_R_P	td		0.054	0.060				++++
#BO_D__1D	D		62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__1X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__1D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__2Z	Z		-70.330	-70.330	0.025	-0.025	-0.000	+-
#BO_L__2X	X		-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.018	0.050				++
#FL_L1__Y	Y		192.026	192.000	0.050	-0.050	0.026	+++
#BO_S__1Z	Z		15.894	15.906	0.025	-0.025	-0.012	--
#BO_S__1X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__1D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.674	-94.673	0.025	-0.025	-0.001	-
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.025	0.050				+++
#BO_F__1Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X	X		-165.267	-165.274	0.025	-0.025	0.007	++
#BO_F__1D	D		65.057	65.000	0.080	0.061	0.057	-0.004
#BO_F__2Z	Z		-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X	X		-165.268	-165.274	0.025	-0.025	0.006	+

#BO_F__2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__1P	td	0.014	0.050				++
#FL_F1__Y	Y	26.056	26.100	0.080	-0.080	-0.044	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.010	0.010				0.000
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.003	0.006				+++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.601	128.600	0.025	-0.025	0.001	+
#BO_F/S_PO	R	126.936	126.950	0.025	-0.025	-0.014	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.994	188.000	0.025	-0.025	-0.006	-
#BO_DG1__Z	Z	87.727	87.732	0.025	-0.025	-0.005	-
#BO_DG1__X	X	20.223	20.223	0.025	-0.025	-0.000	+-
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.010	0.050				+
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.521	53.523	0.025	-0.025	-0.002	-
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.011	0.050				+
#BO_DG3__Z	Z	4.566	4.545	0.025	-0.025	0.021	++++
#BO_DG3__X	X	83.782	83.787	0.025	-0.025	-0.005	-
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.043	0.050				++++
#BO_DG4__Z	Z	-37.421	-37.437	0.025	-0.025	0.016	+++
#BO_DG4__X	X	84.992	84.997	0.025	-0.025	-0.005	-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.034	0.050				+++
#BO_SD1__Z	Z	122.739	122.758	0.025	-0.025	-0.019	----
#BO_SD1__X	X	-18.898	-18.886	0.025	-0.025	-0.012	--
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.045	0.050				++++
#BO_SD2__Z	Z	-89.516	-89.538	0.025	-0.025	0.022	++++

#BO_SD2__X	X	91.472	91.458	0.025	-0.025	0.014	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.052	0.050				0.002
#BO_SR2__Z	Z	-56.683	-56.700	0.050	-0.050	0.017	++
#BO_SR2__X	X	42.728	42.733	0.050	-0.050	-0.005	-
#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR2__P	td	0.036	0.100				++
#BO_SR3__Z	Z	64.889	64.900	0.050	-0.050	-0.011	-
#BO_SR3__X	X	-28.893	-28.887	0.050	-0.050	-0.006	-
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.025	0.100				++
#BO_SR4__Z	Z	94.149	94.176	0.050	-0.050	-0.027	---
#BO_SR4__X	X	-70.201	-70.200	0.050	-0.050	-0.001	-
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.054	0.100				+++
#BO_SR5__Z	Z	-106.821	-106.831	0.050	-0.050	0.010	+
#BO_SR5__X	X	35.313	35.302	0.050	-0.050	0.011	+
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.029	0.100				++
#BO_P___Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#BO_P___X	X	-117.250	-117.257	0.050	-0.050	0.007	+
#BO_P___D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P___P	td	0.021	0.100				+
#FL_P___1Y	Y	24.534	24.540	0.100	-0.100	-0.006	-
#FL_P___2Y	Y	38.093	38.140	0.050	-0.050	-0.047	----
#BO_P1___Z	Z	41.021	41.011	0.050	-0.050	0.010	+
#BO_P1___X	X	-196.970	-196.986	0.050	-0.050	0.016	++
#BO_P1___D	D	12.045	12.000	0.050	0.032	0.045	++
#BO_P1___P	td	0.038	0.100				++
#FL_P1___1Y	Y	24.779	24.740	0.050	-0.050	0.039	++++
#GW_E01__Z	Z	67.760	67.800	0.200	-0.200	-0.040	-
#GW_E01__X	X	19.585	19.600	0.200	-0.200	-0.015	-
#GW_E01__P	td	0.086	0.400				+
#GW_E02__Z	Z	163.107	163.270	0.200	-0.200	-0.163	----
#GW_E02__X	X	41.200	41.180	0.200	-0.200	0.020	+
#GW_E02__P	td	0.328	0.400				++++
#GW_E03__Z	Z	54.146	54.254	0.200	-0.200	-0.108	---
#GW_E03__X	X	157.881	157.900	0.200	-0.200	-0.019	-
#GW_E03__P	td	0.220	0.400				+++
#GW_E04__Z	Z	-132.877	132.799	0.200	-0.200	0.078	++
#GW_E04__X	X	133.808	133.635	0.200	-0.200	0.173	++++

#GW_E04__P	td	0.379	0.400				++++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.513	74.516	0.030	-0.030	-0.003	-
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.041	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.142	8.114	0.030	-0.030	0.028	++++
#BO_E2__X	X	114.992	114.998	0.030	-0.030	-0.006	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.058	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.176	31.148	0.200	-0.200	0.028	+
#GW_W2__X	X	30.436	30.509	0.200	-0.200	-0.073	--
#GW_W2__P	td	0.157	0.400				++
#GW_M1__Z	Z	91.623	91.592	0.200	-0.200	0.031	+
#GW_M1__X	X	7.952	7.978	0.200	-0.200	-0.026	-
#GW_M1__P	td	0.081	0.400				+
#GW_M4__Z	Z	59.707	59.740	0.200	-0.200	-0.033	-
#GW_M4__X	X	-170.501	-170.500	0.200	-0.200	-0.001	-
#GW_M4__P	td	0.065	0.400				+
#GW_M2__X	X	-29.941	-30.000	0.200	-0.200	0.059	++
#GW_M2__Y	Y	89.059	89.000	0.200	-0.200	0.059	++
#GW_M2__P	td	0.166	0.400				++
#GW_UM18_Z	Z	-119.723	-119.726	0.200	-0.200	0.003	+
#GW_UM18_X	X	-246.614	-246.662	0.200	-0.200	0.048	+
#GW_UM18_P	td	0.097	0.400				+
#U18_RETT	td	0.012	0.100				+
#BO_T1__Y	Y	99.099	99.090	0.050	-0.050	0.009	+
#BO_T1__Z	Z	0.013	0.000	0.050	-0.050	0.013	++
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.032	0.100				++
#GW_T3__Y	Y	-0.049	0.000	0.200	-0.200	-0.049	-
#GW_T3__Z	Z	-20.943	21.000	0.200	-0.200	-0.057	--
#GW_T3__P	td	0.151	0.400				++
#BO_T2__Y	Y	83.510	83.500	0.050	-0.050	0.010	+

#BO_T2__Z	Z	0.013	0.000	0.050	-0.050	0.013	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.033	0.100				++
#GW_T4__Y	Y	0.071	0.000	0.200	-0.200	0.071	++
#GW_T4__Z	Z	18.533	18.500	0.200	-0.200	0.033	+
#GW_T4__P	td	0.156	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 13.04.54

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	8. 9.2012	PZ 16	315_FO.21	7:49:14

TEMP. PEZZO 24.41

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.035	0.050				+++
#H_PLA/100		t	0.004	0.030				+
#BO_J_Z		Z	146.846	146.846	0.030	-0.030	-0.000	+-
#BO_J_X		X	76.158	76.161	0.030	-0.030	-0.003	-
#BO_J_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P		td	0.007	0.060				+
#BO_R_Z		Z	-176.008	-176.000	0.030	-0.030	-0.008	--
#BO_R_X		X	-70.507	-70.500	0.030	-0.030	-0.007	-
#BO_R_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P		td	0.022	0.060				++
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z		Z	-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__1X		X	-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z		Z	-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__2X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P		td	0.014	0.050				++
#FL_L1__Y		Y	192.021	192.000	0.050	-0.050	0.021	++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__1X		X	-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z		Z	15.904	15.906	0.025	-0.025	-0.002	-
#BO_S__2X		X	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__2D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_S__1P		td	0.010	0.050				+
#BO_F__1Z		Z	-89.606	-89.601	0.025	-0.025	-0.005	-
#BO_F__1X		X	-165.276	-165.274	0.025	-0.025	-0.002	-
#BO_F__1D		D	65.063	65.000	0.080	0.061	0.063	----
#BO_F__2Z		Z	-89.606	-89.601	0.025	-0.025	-0.005	-
#BO_F__2X		X	-165.275	-165.274	0.025	-0.025	-0.001	-

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	-
#BO_F___1P	td	0.011	0.050				+
#FL_F1___Y	Y	26.061	26.100	0.080	-0.080	-0.039	--
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.007	0.010				+++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.605	128.600	0.025	-0.025	0.005	+
#BO_F/S_PO	R	126.957	126.950	0.025	-0.025	0.007	++
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	188.003	188.000	0.025	-0.025	0.003	+
#BO_DG1__Z	Z	87.735	87.732	0.025	-0.025	0.003	+
#BO_DG1__X	X	20.232	20.223	0.025	-0.025	0.009	++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.019	0.050				++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.512	53.523	0.025	-0.025	-0.011	--
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.023	0.050				++
#BO_DG3__Z	Z	4.557	4.545	0.025	-0.025	0.012	++
#BO_DG3__X	X	83.766	83.787	0.025	-0.025	-0.021	----
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.048	0.050				++++
#BO_DG4__Z	Z	-37.429	-37.437	0.025	-0.025	0.008	++
#BO_DG4__X	X	84.992	84.997	0.025	-0.025	-0.005	-
#BO_DG4__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG4__P	td	0.020	0.050				++
#BO_SD1__Z	Z	122.774	122.758	0.025	-0.025	0.016	+++
#BO_SD1__X	X	-18.895	-18.886	0.025	-0.025	-0.009	--
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.038	0.050				++++
#BO_SD2__Z	Z	-89.517	-89.538	0.025	-0.025	0.021	++++

#BO_SD2__X	X	91.435	91.458	0.025	-0.025	-0.023	----
#BO_SD2__D	D	15.990	16.000	0.000	-0.018	-0.010	-
#BO_SD2__P	td	0.063	0.050				0.013
#BO_SR2__Z	Z	-56.706	-56.700	0.050	-0.050	-0.006	-
#BO_SR2__X	X	42.715	42.733	0.050	-0.050	-0.018	--
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.037	0.100				++
#BO_SR3__Z	Z	64.883	64.900	0.050	-0.050	-0.017	--
#BO_SR3__X	X	-28.891	-28.887	0.050	-0.050	-0.004	-
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.035	0.100				++
#BO_SR4__Z	Z	94.172	94.176	0.050	-0.050	-0.004	-
#BO_SR4__X	X	-70.201	-70.200	0.050	-0.050	-0.001	-
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.009	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.296	35.302	0.050	-0.050	-0.006	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.039	0.100				++
#BO_P__Z	Z	104.540	104.550	0.050	-0.050	-0.010	-
#BO_P__X	X	-117.246	-117.257	0.050	-0.050	0.011	+
#BO_P__D	D	18.009	18.000	0.018	0.000	0.009	+-
#BO_P__P	td	0.029	0.100				++
#FL_P__1Y	Y	24.519	24.540	0.100	-0.100	-0.021	-
#FL_P__2Y	Y	38.136	38.140	0.050	-0.050	-0.004	-
#BO_P1__Z	Z	41.009	41.011	0.050	-0.050	-0.002	-
#BO_P1__X	X	-196.962	-196.986	0.050	-0.050	0.024	++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.047	0.100				++
#FL_P1__1Y	Y	24.738	24.740	0.050	-0.050	-0.002	-
#GW_E01__Z	Z	67.878	67.800	0.200	-0.200	0.078	++
#GW_E01__X	X	19.495	19.600	0.200	-0.200	-0.105	---
#GW_E01__P	td	0.262	0.400				+++
#GW_E02__Z	Z	163.184	163.270	0.200	-0.200	-0.086	--
#GW_E02__X	X	41.097	41.180	0.200	-0.200	-0.083	--
#GW_E02__P	td	0.239	0.400				+++
#GW_E03__Z	Z	54.132	54.254	0.200	-0.200	-0.122	---
#GW_E03__X	X	157.762	157.900	0.200	-0.200	-0.138	---
#GW_E03__P	td	0.368	0.400				++++
#GW_E04__Z	Z	-132.915	132.799	0.200	-0.200	0.116	+++
#GW_E04__X	X	133.582	133.635	0.200	-0.200	-0.053	--

#GW_E04__P	td	0.255	0.400				+++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.509	74.516	0.030	-0.030	-0.007	-
#BO_E1__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E1__P	td	0.042	0.060				+++
#BO_E1__2D	D	37.627	37.600	0.039	0.000	0.027	++
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.003	0.050				+
#BO_E2__Z	Z	8.132	8.114	0.030	-0.030	0.018	+++
#BO_E2__X	X	114.976	114.998	0.030	-0.030	-0.022	---
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.057	0.060				++++
#BO_E2__2D	D	37.627	37.600	0.039	0.000	0.027	++
#BO_E2_CON	td	0.001	0.200				+
#BO_E2_RET	td	0.001	0.050				+
#GW_W2__Z	Z	31.189	31.148	0.200	-0.200	0.041	+
#GW_W2__X	X	30.403	30.509	0.200	-0.200	-0.106	---
#GW_W2__P	td	0.226	0.400				+++
#GW_M1__Z	Z	91.554	91.592	0.200	-0.200	-0.038	-
#GW_M1__X	X	7.907	7.978	0.200	-0.200	-0.071	--
#GW_M1__P	td	0.160	0.400				++
#GW_M4__Z	Z	59.666	59.740	0.200	-0.200	-0.074	--
#GW_M4__X	X	-170.547	-170.500	0.200	-0.200	-0.047	-
#GW_M4__P	td	0.176	0.400				++
#GW_M2__X	X	-30.096	-30.000	0.200	-0.200	-0.096	--
#GW_M2__Y	Y	88.957	89.000	0.200	-0.200	-0.043	-
#GW_M2__P	td	0.211	0.400				+++
#GW_UM18_Z	Z	-119.613	-119.726	0.200	-0.200	0.113	+++
#GW_UM18_X	X	-246.613	-246.662	0.200	-0.200	0.049	+
#GW_UM18_P	td	0.247	0.400				+++
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.084	99.090	0.050	-0.050	-0.006	-
#BO_T1__Z	Z	-0.050	0.000	0.050	-0.050	-0.050	-0.000
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	+-
#BO_T1__P	td	0.101	0.100				0.001
#GW_T3__Y	Y	-0.037	0.000	0.200	-0.200	-0.037	-
#GW_T3__Z	Z	-20.926	21.000	0.200	-0.200	-0.074	--
#GW_T3__P	td	0.166	0.400				++
#BO_T2__Y	Y	83.506	83.500	0.050	-0.050	0.006	+

#BO_T2__Z	Z	-0.049	0.000	0.050	-0.050	-0.049	----
#BO_T2__D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2__P	td	0.098	0.100				++++
#GW_T4__Y	Y	-0.148	0.000	0.200	-0.200	-0.148	---
#GW_T4__Z	Z	18.421	18.500	0.200	-0.200	-0.079	--
#GW_T4__P	td	0.336	0.400				++++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 10/09/12 3.22.34

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	8. 9.2012	PZ 15	315__FO.21	7:25:58

TEMP. PEZZO 24.43

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.014	0.050				++
#H_PLA/100		t	0.013	0.030				++
#BO_J_Z		Z	146.863	146.846	0.030	-0.030	0.017	+++
#BO_J_X		X	76.165	76.161	0.030	-0.030	0.004	+
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.036	0.060				+++
#BO_R_Z		Z	-175.979	-176.000	0.030	-0.030	0.021	+++
#BO_R_X		X	-70.495	-70.500	0.030	-0.030	0.005	+
#BO_R_D		D	9.998	10.000	0.005	-0.010	-0.002	+-
#BO_R_P		td	0.044	0.060				+++
#BO_D__1D		D	62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__2Z		Z	-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X		X	-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.015	0.050				++
#FL_L1__Y		Y	192.030	192.000	0.050	-0.050	0.030	+++
#BO_S__1Z		Z	15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X		X	-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z		Z	15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X		X	-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.027	0.050				+++
#BO_F__1Z		Z	-89.604	-89.601	0.025	-0.025	-0.003	-
#BO_F__1X		X	-165.264	-165.274	0.025	-0.025	0.010	++
#BO_F__1D		D	65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z		Z	-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__2X		X	-165.265	-165.274	0.025	-0.025	0.009	++

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	----
#BO_F__1P	td	0.020	0.050				++
#FL_F1__Y	Y	26.057	26.100	0.080	-0.080	-0.043	---
#BO_F3_D	D	55.023	55.000	0.046	0.000	0.023	+-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.597	128.600	0.025	-0.025	-0.003	-
#BO_F/S_PO	R	126.934	126.950	0.025	-0.025	-0.016	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.991	188.000	0.025	-0.025	-0.009	--
#BO_DG1__Z	Z	87.729	87.732	0.025	-0.025	-0.003	-
#BO_DG1__X	X	20.230	20.223	0.025	-0.025	0.007	++
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.015	0.050				++
#BO_DG2__Z	Z	62.142	62.138	0.025	-0.025	0.004	+
#BO_DG2__X	X	53.529	53.523	0.025	-0.025	0.006	+
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG2__P	td	0.014	0.050				++
#BO_DG3__Z	Z	4.562	4.545	0.025	-0.025	0.017	+++
#BO_DG3__X	X	83.789	83.787	0.025	-0.025	0.002	+
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.035	0.050				+++
#BO_DG4__Z	Z	-37.421	-37.437	0.025	-0.025	0.016	+++
#BO_DG4__X	X	84.996	84.997	0.025	-0.025	-0.001	-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.031	0.050				+++
#BO_SD1__Z	Z	122.741	122.758	0.025	-0.025	-0.017	---
#BO_SD1__X	X	-18.891	-18.886	0.025	-0.025	-0.005	-
#BO_SD1__D	D	15.999	16.000	0.000	-0.018	-0.001	++++
#BO_SD1__P	td	0.035	0.050				+++
#BO_SD2__Z	Z	-89.517	-89.538	0.025	-0.025	0.021	++++

#BO_SD2__X	X	91.473	91.458	0.025	-0.025	0.015	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.052	0.050				0.002
#BO_SR2__Z	Z	-56.685	-56.700	0.050	-0.050	0.015	++
#BO_SR2__X	X	42.729	42.733	0.050	-0.050	-0.004	~
#BO_SR2__D	D	13.028	13.000	0.018	0.000	0.028	0.010
#BO_SR2__P	td	0.032	0.100				++
#BO_SR3__Z	Z	64.889	64.900	0.050	-0.050	-0.011	-
#BO_SR3__X	X	-28.898	-28.887	0.050	-0.050	-0.011	-
#BO_SR3__D	D	13.011	13.000	0.018	0.000	0.011	+
#BO_SR3__P	td	0.030	0.100				++
#BO_SR4__Z	Z	94.151	94.176	0.050	-0.050	-0.025	---
#BO_SR4__X	X	-70.197	-70.200	0.050	-0.050	0.003	+
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.051	0.100				+++
#BO_SR5__Z	Z	-106.824	-106.831	0.050	-0.050	0.007	+
#BO_SR5__X	X	35.310	35.302	0.050	-0.050	0.008	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.021	0.100				+
#BO_P____Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#BO_P____X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P____D	D	18.012	18.000	0.018	0.000	0.012	++
#BO_P____P	td	0.031	0.100				++
#FL_P___1Y	Y	24.537	24.540	0.100	-0.100	-0.003	-
#FL_P___2Y	Y	38.093	38.140	0.050	-0.050	-0.047	----
#BO_P1___Z	Z	41.020	41.011	0.050	-0.050	0.009	+
#BO_P1___X	X	-196.963	-196.986	0.050	-0.050	0.023	++
#BO_P1___D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1___P	td	0.049	0.100				++
#FL_P1___1Y	Y	24.778	24.740	0.050	-0.050	0.038	++++
#GW_E01__Z	Z	67.754	67.800	0.200	-0.200	-0.046	~
#GW_E01__X	X	19.554	19.600	0.200	-0.200	-0.046	-
#GW_E01__P	td	0.130	0.400				++
#GW_E02__Z	Z	163.128	163.270	0.200	-0.200	-0.142	---
#GW_E02__X	X	41.167	41.180	0.200	-0.200	-0.013	-
#GW_E02__P	td	0.286	0.400				+++
#GW_E03__Z	Z	54.135	54.254	0.200	-0.200	-0.119	---
#GW_E03__X	X	157.883	157.900	0.200	-0.200	-0.017	-
#GW_E03__P	td	0.241	0.400				+++
#GW_E04__Z	Z	-132.952	132.799	0.200	-0.200	0.153	++++
#GW_E04__X	X	133.763	133.635	0.200	-0.200	0.128	+++

#GW_E04__P	td	0.398	0.400				++++
#BO_E1__Z	Z	85.531	85.509	0.030	-0.030	0.022	+++
#BO_E1__X	X	74.518	74.516	0.030	-0.030	0.002	+
#BO_E1__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E1__P	td	0.044	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.142	8.114	0.030	-0.030	0.028	++++
#BO_E2__X	X	114.997	114.998	0.030	-0.030	-0.001	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.056	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.003	0.200				+
#BO_E2_RET	td	0.003	0.050				+
#GW_W2__Z	Z	31.153	31.148	0.200	-0.200	0.005	+
#GW_W2__X	X	30.433	30.509	0.200	-0.200	-0.076	--
#GW_W2__P	td	0.152	0.400				++
#GW_M1__Z	Z	91.596	91.592	0.200	-0.200	0.004	+
#GW_M1__X	X	7.943	7.978	0.200	-0.200	-0.035	-
#GW_M1__P	td	0.069	0.400				+
#GW_M4__Z	Z	59.680	59.740	0.200	-0.200	-0.060	--
#GW_M4__X	X	-170.491	-170.500	0.200	-0.200	0.009	+
#GW_M4__P	td	0.121	0.400				++
#GW_M2__X	X	-29.918	-30.000	0.200	-0.200	0.082	++
#GW_M2__Y	Y	89.057	89.000	0.200	-0.200	0.057	++
#GW_M2__P	td	0.200	0.400				+++
#GW_UM18_Z	Z	-119.727	-119.726	0.200	-0.200	-0.001	-
#GW_UM18_X	X	-246.612	-246.662	0.200	-0.200	0.050	+
#GW_UM18_P	td	0.099	0.400				+
#U18_RETT	td	0.009	0.100				+
#BO_T1__Y	Y	99.103	99.090	0.050	-0.050	0.013	++
#BO_T1__Z	Z	0.004	0.000	0.050	-0.050	0.004	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.028	0.100				++
#GW_T3__Y	Y	-0.044	0.000	0.200	-0.200	-0.044	-
#GW_T3__Z	Z	-20.958	21.000	0.200	-0.200	-0.042	-
#GW_T3__P	td	0.122	0.400				++
#BO_T2__Y	Y	83.513	83.500	0.050	-0.050	0.013	++

#BO_T2__Z	Z	0.003	0.000	0.050	-0.050	0.003	+
#BO_T2__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T2__P	td	0.027	0.100				++
#GW_T4__Y	Y	0.075	0.000	0.200	-0.200	0.075	++
#GW_T4__Z	Z	18.509	18.500	0.200	-0.200	0.009	+
#GW_T4__P	td	0.151	0.400				++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 10/09/12 3.22.28

#BO_F___2D	D	65.061	65.000	0.080	0.061	0.061	-----
#BO_F___1P	td	0.019	0.050				++
#FL_F1___Y	Y	26.058	26.100	0.080	-0.080	-0.042	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.010	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.599	128.600	0.025	-0.025	-0.001	-
#BO_F/S_PO	R	126.935	126.950	0.025	-0.025	-0.015	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.992	188.000	0.025	-0.025	-0.008	--
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	--
#BO_DG1__X	X	20.229	20.223	0.025	-0.025	0.006	+
#BO_DG1__D	D	10.036	10.000	0.040	0.025	0.036	++
#BO_DG1__P	td	0.017	0.050				++
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.528	53.523	0.025	-0.025	0.005	+
#BO_DG2__D	D	8.026	8.000	0.040	0.025	0.026	-----
#BO_DG2__P	td	0.011	0.050				+
#BO_DG3__Z	Z	4.560	4.545	0.025	-0.025	0.015	+++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	0.000	+-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	-----
#BO_DG3__P	td	0.030	0.050				+++
#BO_DG4__Z	Z	-37.423	-37.437	0.025	-0.025	0.014	+++
#BO_DG4__X	X	84.997	84.997	0.025	-0.025	-0.000	+-
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.028	0.050				+++
#BO_SD1__Z	Z	122.738	122.758	0.025	-0.025	-0.020	-----
#BO_SD1__X	X	-18.891	-18.886	0.025	-0.025	-0.005	-
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	+++
#BO_SD1__P	td	0.041	0.050				++++
#BO_SD2__Z	Z	-89.518	-89.538	0.025	-0.025	0.020	++++

#BO_SD2__X	X	91.476	91.458	0.025	-0.025	0.018	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.055	0.050				0.005
#BO_SR2__Z	Z	-56.682	-56.700	0.050	-0.050	0.018	++
#BO_SR2__X	X	42.729	42.733	0.050	-0.050	-0.004	-
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.037	0.100				++
#BO_SR3__Z	Z	64.891	64.900	0.050	-0.050	-0.009	-
#BO_SR3__X	X	-28.898	-28.887	0.050	-0.050	-0.011	-
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.029	0.100				++
#BO_SR4__Z	Z	94.150	94.176	0.050	-0.050	-0.026	---
#BO_SR4__X	X	-70.199	-70.200	0.050	-0.050	0.001	+
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.052	0.100				+++
#BO_SR5__Z	Z	-106.827	-106.831	0.050	-0.050	0.004	+
#BO_SR5__X	X	35.314	35.302	0.050	-0.050	0.012	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.026	0.100				++
#BO_P__Z	Z	104.557	104.550	0.050	-0.050	0.007	+
#BO_P__X	X	-117.245	-117.257	0.050	-0.050	0.012	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	++
#BO_P__P	td	0.028	0.100				++
#FL_P__1Y	Y	24.538	24.540	0.100	-0.100	-0.002	-
#FL_P__2Y	Y	38.096	38.140	0.050	-0.050	-0.044	----
#BO_P1__Z	Z	41.019	41.011	0.050	-0.050	0.008	+
#BO_P1__X	X	-196.965	-196.986	0.050	-0.050	0.021	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.045	0.100				++
#FL_P1__1Y	Y	24.781	24.740	0.050	-0.050	0.041	++++
#GW_E01__Z	Z	67.773	67.800	0.200	-0.200	-0.027	-
#GW_E01__X	X	19.565	19.600	0.200	-0.200	-0.035	-
#GW_E01__P	td	0.089	0.400				+
#GW_E02__Z	Z	163.116	163.270	0.200	-0.200	-0.154	----
#GW_E02__X	X	41.198	41.180	0.200	-0.200	0.018	+
#GW_E02__P	td	0.311	0.400				++++
#GW_E03__Z	Z	54.126	54.254	0.200	-0.200	-0.128	---
#GW_E03__X	X	157.880	157.900	0.200	-0.200	-0.020	-
#GW_E03__P	td	0.260	0.400				+++
#GW_E04__Z	Z	-132.956	132.799	0.200	-0.200	0.157	++++
#GW_E04__X	X	133.780	133.635	0.200	-0.200	0.145	+++

#GW_E04__P	td	0.428	0.400				0.028
#BO_E1__Z	Z	85.527	85.509	0.030	-0.030	0.018	+++
#BO_E1__X	X	74.518	74.516	0.030	-0.030	0.002	+
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.036	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.139	8.114	0.030	-0.030	0.025	++++
#BO_E2__X	X	114.997	114.998	0.030	-0.030	-0.001	-
#BO_E2__D	D	34.069	34.050	0.025	0.000	0.019	++
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.153	31.148	0.200	-0.200	0.005	+
#GW_W2__X	X	30.429	30.509	0.200	-0.200	-0.080	--
#GW_W2__P	td	0.161	0.400				++
#GW_M1__Z	Z	91.612	91.592	0.200	-0.200	0.020	+
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.092	0.400				+
#GW_M4__Z	Z	59.674	59.740	0.200	-0.200	-0.066	--
#GW_M4__X	X	-170.490	-170.500	0.200	-0.200	0.010	+
#GW_M4__P	td	0.134	0.400				++
#GW_M2__X	X	-29.889	-30.000	0.200	-0.200	0.111	+++
#GW_M2__Y	Y	89.078	89.000	0.200	-0.200	0.078	++
#GW_M2__P	td	0.272	0.400				+++
#GW_UM18_Z	Z	-119.726	-119.726	0.200	-0.200	0.000	+-
#GW_UM18_X	X	-246.605	-246.662	0.200	-0.200	0.057	++
#GW_UM18_P	td	0.115	0.400				++
#U18_RETT	td	0.012	0.100				+
#BO_T1__Y	Y	99.102	99.090	0.050	-0.050	0.012	+
#BO_T1__Z	Z	0.012	0.000	0.050	-0.050	0.012	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.033	0.100				++
#GW_T3__Y	Y	-0.024	0.000	0.200	-0.200	-0.024	-
#GW_T3__Z	Z	-20.949	21.000	0.200	-0.200	-0.051	--
#GW_T3__P	td	0.112	0.400				++
#BO_T2__Y	Y	83.513	83.500	0.050	-0.050	0.013	++

#BO_T2__Z	Z	0.017	0.000	0.050	-0.050	0.017	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.042	0.100				++
#GW_T4__Y	Y	0.095	0.000	0.200	-0.200	0.095	++
#GW_T4__Z	Z	18.531	18.500	0.200	-0.200	0.031	+
#GW_T4__P	td	0.201	0.400				+++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 10/09/12 3.22.22

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz360-	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
DiLiso	8. 9.2012	PZ N 13	315_FO.21	T 1:12:14

TEMP. PEZZO 24.46

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.029	0.050				+++
#H_PLA/100		t	0.005	0.030				+
#BO_J_Z		Z	146.850	146.846	0.030	-0.030	0.004	+
#BO_J_X		X	76.160	76.161	0.030	-0.030	-0.001	-
#BO_J_D		D	9.994	10.000	0.005	-0.010	-0.006	---
#BO_J_P		td	0.008	0.060				+
#BO_R_Z		Z	-176.000	-176.000	0.030	-0.030	0.000	+-
#BO_R_X		X	-70.504	-70.500	0.030	-0.030	-0.004	-
#BO_R_D		D	9.994	10.000	0.005	-0.010	-0.006	--
#BO_R_P		td	0.007	0.060				+
#BO_D__1D		D	62.006	62.000	0.019	0.000	0.006	--
#BO_L__1Z		Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X		X	-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_L__2Z		Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__2X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__1P		td	0.015	0.050				++
#FL_L1__Y		Y	192.022	192.000	0.050	-0.050	0.022	++
#BO_S__1Z		Z	15.907	15.906	0.025	-0.025	0.001	+
#BO_S__1X		X	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_S__2Z		Z	15.906	15.906	0.025	-0.025	0.000	+-
#BO_S__2X		X	-94.667	-94.673	0.025	-0.025	0.006	++
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.012	0.050				+
#BO_F__1Z		Z	-89.598	-89.601	0.025	-0.025	0.003	+
#BO_F__1X		X	-165.272	-165.274	0.025	-0.025	0.002	+
#BO_F__1D		D	65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z		Z	-89.598	-89.601	0.025	-0.025	0.003	+
#BO_F__2X		X	-165.272	-165.274	0.025	-0.025	0.002	+

#BO_F__2D	D	65.067	65.000	0.080	0.061	0.067	--
#BO_F__1P	td	0.006	0.050				+
#FL_F1__Y	Y	26.060	26.100	0.080	-0.080	-0.040	---
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.007	0.010				+++
#BO_F_ROT	t	0.007	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				++
#BO_F/L_PO	R	128.600	128.600	0.025	-0.025	-0.000	+-
#BO_F/S_PO	R	126.951	126.950	0.025	-0.025	0.001	+
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.991	80.000	0.025	-0.025	-0.009	--
#BO_D/F_PO	R	187.996	188.000	0.025	-0.025	-0.004	-
#BO_DG1__Z	Z	87.738	87.732	0.025	-0.025	0.006	+
#BO_DG1__X	X	20.236	20.223	0.025	-0.025	0.013	+++
#BO_DG1__D	D	10.038	10.000	0.040	0.025	0.038	+++
#BO_DG1__P	td	0.029	0.050				+++
#BO_DG2__Z	Z	62.145	62.138	0.025	-0.025	0.007	++
#BO_DG2__X	X	53.518	53.523	0.025	-0.025	-0.005	-
#BO_DG2__D	D	8.030	8.000	0.040	0.025	0.030	--
#BO_DG2__P	td	0.017	0.050				++
#BO_DG3__Z	Z	4.559	4.545	0.025	-0.025	0.014	+++
#BO_DG3__X	X	83.772	83.787	0.025	-0.025	-0.015	---
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.042	0.050				++++
#BO_DG4__Z	Z	-37.426	-37.437	0.025	-0.025	0.011	++
#BO_DG4__X	X	84.997	84.997	0.025	-0.025	0.000	+-
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	+++
#BO_DG4__P	td	0.022	0.050				++
#BO_SD1__Z	Z	122.777	122.758	0.025	-0.025	0.019	++++
#BO_SD1__X	X	-18.892	-18.886	0.025	-0.025	-0.006	-
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	--
#BO_SD1__P	td	0.041	0.050				++++
#BO_SD2__Z	Z	-89.514	-89.538	0.025	-0.025	0.024	++++

#BO_SD2__X	X	91.439	91.458	0.025	-0.025	-0.019	----
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.060	0.050				0.010
#BO_SR2__Z	Z	-56.707	-56.700	0.050	-0.050	-0.007	-
#BO_SR2__X	X	42.714	42.733	0.050	-0.050	-0.019	--
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.040	0.100				++
#BO_SR3__Z	Z	64.884	64.900	0.050	-0.050	-0.016	--
#BO_SR3__X	X	-28.887	-28.887	0.050	-0.050	0.000	+-
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.033	0.100				++
#BO_SR4__Z	Z	94.177	94.176	0.050	-0.050	0.001	+
#BO_SR4__X	X	-70.200	-70.200	0.050	-0.050	-0.000	+-
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.002	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.296	35.302	0.050	-0.050	-0.006	-
#BO_SR5__D	D	10.008	10.000	0.015	0.000	0.008	+-
#BO_SR5__P	td	0.039	0.100				++
#BO_P__Z	Z	104.546	104.550	0.050	-0.050	-0.004	-
#BO_P__X	X	-117.244	-117.257	0.050	-0.050	0.013	++
#BO_P__D	D	18.007	18.000	0.018	0.000	0.007	-
#BO_P__P	td	0.028	0.100				++
#FL_P__1Y	Y	24.521	24.540	0.100	-0.100	-0.019	-
#FL_P__2Y	Y	38.141	38.140	0.050	-0.050	0.001	+
#BO_P1__Z	Z	41.016	41.011	0.050	-0.050	0.005	+
#BO_P1__X	X	-196.960	-196.986	0.050	-0.050	0.026	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.052	0.100				+++
#FL_P1__1Y	Y	24.741	24.740	0.050	-0.050	0.001	+
#GW_E01__Z	Z	67.882	67.800	0.200	-0.200	0.082	++
#GW_E01__X	X	19.486	19.600	0.200	-0.200	-0.114	---
#GW_E01__P	td	0.281	0.400				+++
#GW_E02__Z	Z	163.173	163.270	0.200	-0.200	-0.097	--
#GW_E02__X	X	41.111	41.180	0.200	-0.200	-0.069	--
#GW_E02__P	td	0.237	0.400				+++
#GW_E03__Z	Z	54.165	54.254	0.200	-0.200	-0.089	--
#GW_E03__X	X	157.778	157.900	0.200	-0.200	-0.122	---
#GW_E03__P	td	0.302	0.400				++++
#GW_E04__Z	Z	-132.908	132.799	0.200	-0.200	0.109	+++
#GW_E04__X	X	133.572	133.635	0.200	-0.200	-0.063	--

#GW_E04__P	td	0.251	0.400				+++
#BO_E1__Z	Z	85.530	85.509	0.030	-0.030	0.021	+++
#BO_E1__X	X	74.509	74.516	0.030	-0.030	-0.007	-
#BO_E1__D	D	34.063	34.050	0.025	0.000	0.013	+
#BO_E1__P	td	0.044	0.060				+++
#BO_E1__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.133	8.114	0.030	-0.030	0.019	+++
#BO_E2__X	X	114.977	114.998	0.030	-0.030	-0.021	---
#BO_E2__D	D	34.065	34.050	0.025	0.000	0.015	+
#BO_E2__P	td	0.057	0.060				++++
#BO_E2__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E2_CON	td	0.003	0.200				+
#BO_E2_RET	td	0.003	0.050				+
#GW_W2__Z	Z	31.187	31.148	0.200	-0.200	0.039	+
#GW_W2__X	X	30.419	30.509	0.200	-0.200	-0.090	--
#GW_W2__P	td	0.196	0.400				++
#GW_M1__Z	Z	91.557	91.592	0.200	-0.200	-0.035	-
#GW_M1__X	X	7.915	7.978	0.200	-0.200	-0.063	--
#GW_M1__P	td	0.144	0.400				++
#GW_M4__Z	Z	59.672	59.740	0.200	-0.200	-0.068	--
#GW_M4__X	X	-170.555	-170.500	0.200	-0.200	-0.055	--
#GW_M4__P	td	0.176	0.400				++
#GW_M2__X	X	-30.097	-30.000	0.200	-0.200	-0.097	--
#GW_M2__Y	Y	88.953	89.000	0.200	-0.200	-0.047	-
#GW_M2__P	td	0.215	0.400				+++
#GW_UM18_Z	Z	-119.606	-119.726	0.200	-0.200	0.120	+++
#GW_UM18_X	X	-246.619	-246.662	0.200	-0.200	0.043	+
#GW_UM18_P	td	0.254	0.400				+++
#U18_RETT	td	0.004	0.100				+
#BO_T1__Y	Y	99.086	99.090	0.050	-0.050	-0.004	-
#BO_T1__Z	Z	-0.048	0.000	0.050	-0.050	-0.048	----
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.096	0.100				++++
#GW_T3__Y	Y	-0.032	0.000	0.200	-0.200	-0.032	-
#GW_T3__Z	Z	-20.887	21.000	0.200	-0.200	-0.113	---
#GW_T3__P	td	0.235	0.400				+++
#BO_T2__Y	Y	83.507	83.500	0.050	-0.050	0.007	+

#BO_T2__Z	Z	-0.042	0.000	0.050	-0.050	-0.042	----
#BO_T2__D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2__P	td	0.085	0.100				++++
#GW_T4__Y	Y	-0.131	0.000	0.200	-0.200	-0.131	---
#GW_T4__Z	Z	18.408	18.500	0.200	-0.200	-0.092	--
#GW_T4__P	td	0.320	0.400				++++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 1.51.31

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz360-	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
DiLiso	8. 9.2012	PZ N 12	315_FO.21	T 0:41: 5

TEMP. PEZZO 24.71

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.036	0.050				+++
#H_PLA/100		t	0.008	0.030				++
#BO_J_Z		Z	146.851	146.846	0.030	-0.030	0.005	+
#BO_J_X		X	76.161	76.161	0.030	-0.030	0.000	+-
#BO_J_D		D	9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P		td	0.010	0.060				+
#BO_R_Z		Z	-175.996	-176.000	0.030	-0.030	0.004	+
#BO_R_X		X	-70.501	-70.500	0.030	-0.030	-0.001	-
#BO_R_D		D	9.994	10.000	0.005	-0.010	-0.006	--
#BO_R_P		td	0.008	0.060				+
#BO_D__1D		D	62.005	62.000	0.019	0.000	0.005	--
#BO_L__1Z		Z	-70.324	-70.330	0.025	-0.025	0.006	++
#BO_L__1X		X	-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z		Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__2X		X	-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__1P		td	0.013	0.050				++
#FL_L1__Y		Y	192.023	192.000	0.050	-0.050	0.023	++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	0.000	+-
#BO_S__1X		X	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_S__2Z		Z	15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__2X		X	-94.667	-94.673	0.025	-0.025	0.006	++
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.011	0.050				+
#BO_F__1Z		Z	-89.595	-89.601	0.025	-0.025	0.006	+
#BO_F__1X		X	-165.269	-165.274	0.025	-0.025	0.005	+
#BO_F__1D		D	65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z		Z	-89.595	-89.601	0.025	-0.025	0.006	+
#BO_F__2X		X	-165.269	-165.274	0.025	-0.025	0.005	+

#BO_F__2D	D	65.067	65.000	0.080	0.061	0.067	--
#BO_F__1P	td	0.015	0.050				++
#FL_F1__Y	Y	26.059	26.100	0.080	-0.080	-0.041	---
#BO_F3_D	D	55.029	55.000	0.046	0.000	0.029	++
#BO_D_ROT	t	0.007	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.015	0.010				0.005
#BO_F_ROT	t	0.007	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				+++
#BO_F/L_PO	R	128.596	128.600	0.025	-0.025	-0.004	-
#BO_F/S_PO	R	126.946	126.950	0.025	-0.025	-0.004	-
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.992	188.000	0.025	-0.025	-0.008	--
#BO_DG1__Z	Z	87.740	87.732	0.025	-0.025	0.008	++
#BO_DG1__X	X	20.239	20.223	0.025	-0.025	0.016	+++
#BO_DG1__D	D	10.037	10.000	0.040	0.025	0.037	+++
#BO_DG1__P	td	0.035	0.050				+++
#BO_DG2__Z	Z	62.146	62.138	0.025	-0.025	0.008	++
#BO_DG2__X	X	53.521	53.523	0.025	-0.025	-0.002	-
#BO_DG2__D	D	8.030	8.000	0.040	0.025	0.030	--
#BO_DG2__P	td	0.016	0.050				++
#BO_DG3__Z	Z	4.560	4.545	0.025	-0.025	0.015	+++
#BO_DG3__X	X	83.775	83.787	0.025	-0.025	-0.012	--
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	----
#BO_DG3__P	td	0.038	0.050				++++
#BO_DG4__Z	Z	-37.423	-37.437	0.025	-0.025	0.014	+++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	+++
#BO_DG4__P	td	0.027	0.050				+++
#BO_SD1__Z	Z	122.779	122.758	0.025	-0.025	0.021	++++
#BO_SD1__X	X	-18.890	-18.886	0.025	-0.025	-0.004	-
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	--
#BO_SD1__P	td	0.043	0.050				++++
#BO_SD2__Z	Z	-89.513	-89.538	0.025	-0.025	0.025	++++

#BO_SD2__X	X	91.441	91.458	0.025	-0.025	-0.017	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.060	0.050				0.010
#BO_SR2__Z	Z	-56.709	-56.700	0.050	-0.050	-0.009	-
#BO_SR2__X	X	42.715	42.733	0.050	-0.050	-0.018	--
#BO_SR2__D	D	13.007	13.000	0.018	0.000	0.007	-
#BO_SR2__P	td	0.041	0.100				++
#BO_SR3__Z	Z	64.882	64.900	0.050	-0.050	-0.018	--
#BO_SR3__X	X	-28.887	-28.887	0.050	-0.050	0.000	+-
#BO_SR3__D	D	13.007	13.000	0.018	0.000	0.007	-
#BO_SR3__P	td	0.036	0.100				++
#BO_SR4__Z	Z	94.176	94.176	0.050	-0.050	0.000	+-
#BO_SR4__X	X	-70.193	-70.200	0.050	-0.050	0.007	+
#BO_SR4__D	D	10.005	10.000	0.015	0.000	0.005	--
#BO_SR4__P	td	0.015	0.100				+
#BO_SR5__Z	Z	-106.810	-106.831	0.050	-0.050	0.021	++
#BO_SR5__X	X	35.297	35.302	0.050	-0.050	-0.005	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.043	0.100				++
#BO_P__Z	Z	104.547	104.550	0.050	-0.050	-0.003	-
#BO_P__X	X	-117.240	-117.257	0.050	-0.050	0.017	++
#BO_P__D	D	18.007	18.000	0.018	0.000	0.007	--
#BO_P__P	td	0.035	0.100				++
#FL_P__1Y	Y	24.523	24.540	0.100	-0.100	-0.017	-
#FL_P__2Y	Y	38.142	38.140	0.050	-0.050	0.002	+
#BO_P1__Z	Z	41.017	41.011	0.050	-0.050	0.006	+
#BO_P1__X	X	-196.956	-196.986	0.050	-0.050	0.030	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.061	0.100				+++
#FL_P1__1Y	Y	24.741	24.740	0.050	-0.050	0.001	+
#GW_E01__Z	Z	67.875	67.800	0.200	-0.200	0.075	++
#GW_E01__X	X	19.502	19.600	0.200	-0.200	-0.098	--
#GW_E01__P	td	0.246	0.400				+++
#GW_E02__Z	Z	163.187	163.270	0.200	-0.200	-0.083	--
#GW_E02__X	X	41.126	41.180	0.200	-0.200	-0.054	--
#GW_E02__P	td	0.198	0.400				++
#GW_E03__Z	Z	54.176	54.254	0.200	-0.200	-0.078	--
#GW_E03__X	X	157.759	157.900	0.200	-0.200	-0.141	---
#GW_E03__P	td	0.323	0.400				++++
#GW_E04__Z	Z	-132.886	132.799	0.200	-0.200	0.087	++
#GW_E04__X	X	133.600	133.635	0.200	-0.200	-0.035	-

#GW_E04__P	td	0.187	0.400				++
#BO_E1__Z	Z	85.531	85.509	0.030	-0.030	0.022	+++
#BO_E1__X	X	74.511	74.516	0.030	-0.030	-0.005	-
#BO_E1__D	D	34.063	34.050	0.025	0.000	0.013	+
#BO_E1__P	td	0.044	0.060				+++
#BO_E1__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.133	8.114	0.030	-0.030	0.019	+++
#BO_E2__X	X	114.978	114.998	0.030	-0.030	-0.020	---
#BO_E2__D	D	34.063	34.050	0.025	0.000	0.013	+-
#BO_E2__P	td	0.055	0.060				++++
#BO_E2__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E2_CON	td	0.003	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.208	31.148	0.200	-0.200	0.060	++
#GW_W2__X	X	30.452	30.509	0.200	-0.200	-0.057	--
#GW_W2__P	td	0.165	0.400				++
#GW_M1__Z	Z	91.573	91.592	0.200	-0.200	-0.019	-
#GW_M1__X	X	7.889	7.978	0.200	-0.200	-0.089	--
#GW_M1__P	td	0.183	0.400				++
#GW_M4__Z	Z	59.694	59.740	0.200	-0.200	-0.046	-
#GW_M4__X	X	-170.570	-170.500	0.200	-0.200	-0.070	--
#GW_M4__P	td	0.169	0.400				++
#GW_M2__X	X	-30.148	-30.000	0.200	-0.200	-0.148	---
#GW_M2__Y	Y	88.925	89.000	0.200	-0.200	-0.075	--
#GW_M2__P	td	0.332	0.400				++++
#GW_UM18_Z	Z	-119.607	-119.726	0.200	-0.200	0.119	+++
#GW_UM18_X	X	-246.615	-246.662	0.200	-0.200	0.047	+
#GW_UM18_P	td	0.256	0.400				+++
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.087	99.090	0.050	-0.050	-0.003	-
#BO_T1__Z	Z	-0.052	0.000	0.050	-0.050	-0.052	-0.002
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.105	0.100				0.005
#GW_T3__Y	Y	-0.064	0.000	0.200	-0.200	-0.064	--
#GW_T3__Z	Z	-20.918	21.000	0.200	-0.200	-0.082	--
#GW_T3__P	td	0.208	0.400				+++
#BO_T2__Y	Y	83.506	83.500	0.050	-0.050	0.006	+

#BO_T2___Z	Z	-0.051	0.000	0.050	-0.050	-0.051	-0.001
#BO_T2___D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2___P	td	0.103	0.100				0.003
#GW_T4___Y	Y	-0.139	0.000	0.200	-0.200	-0.139	---
#GW_T4___Z	Z	18.396	18.500	0.200	-0.200	-0.104	---
#GW_T4___P	td	0.347	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 08/09/12 1.12.44

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PROTOCOLLO DI MISURA ZEISS UMESS

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Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	7. 9.2012	PZ 11	315_FO.21	7:41:16

TEMP. PEZZO 24.58

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.031	0.050				+++
#H_PLA/100		t	0.006	0.030				+
#BO_J_Z		Z	146.850	146.846	0.030	-0.030	0.004	+
#BO_J_X		X	76.159	76.161	0.030	-0.030	-0.002	-
#BO_J_D		D	9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P		td	0.009	0.060				+
#BO_R_Z		Z	-175.997	-176.000	0.030	-0.030	0.003	+
#BO_R_X		X	-70.503	-70.500	0.030	-0.030	-0.003	-
#BO_R_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P		td	0.008	0.060				+
#BO_D__1D		D	62.006	62.000	0.019	0.000	0.006	--
#BO_L__1Z		Z	-70.324	-70.330	0.025	-0.025	0.006	+
#BO_L__1X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_L__2Z		Z	-70.324	-70.330	0.025	-0.025	0.006	+
#BO_L__2X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_L__1P		td	0.014	0.050				++
#FL_L1__Y		Y	192.023	192.000	0.050	-0.050	0.023	++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	-0.000	++
#BO_S__1X		X	-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__1D		D	62.002	62.000	0.030	0.000	0.002	----
#BO_S__2Z		Z	15.905	15.906	0.025	-0.025	-0.001	-
#BO_S__2X		X	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.011	0.050				+
#BO_F__1Z		Z	-89.597	-89.601	0.025	-0.025	0.004	+
#BO_F__1X		X	-165.274	-165.274	0.025	-0.025	0.000	++
#BO_F__1D		D	65.063	65.000	0.080	0.061	0.063	----
#BO_F__2Z		Z	-89.597	-89.601	0.025	-0.025	0.004	+
#BO_F__2X		X	-165.273	-165.274	0.025	-0.025	0.001	+

#BO_F__2D	D	65.067	65.000	0.080	0.061	0.067	--
#BO_F__1P	td	0.008	0.050				+
#FL_F1__Y	Y	26.063	26.100	0.080	-0.080	-0.037	--
#BO_F3_D	D	55.029	55.000	0.046	0.000	0.029	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.003	0.006				++
#BO_F/L_PO	R	128.602	128.600	0.025	-0.025	0.002	+
#BO_F/S_PO	R	126.949	126.950	0.025	-0.025	-0.001	-
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.997	188.000	0.025	-0.025	-0.003	-
#BO_DG1__Z	Z	87.736	87.732	0.025	-0.025	0.004	+
#BO_DG1__X	X	20.238	20.223	0.025	-0.025	0.015	+++
#BO_DG1__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG1__P	td	0.031	0.050				+++
#BO_DG2__Z	Z	62.143	62.138	0.025	-0.025	0.005	+
#BO_DG2__X	X	53.521	53.523	0.025	-0.025	-0.002	-
#BO_DG2__D	D	8.030	8.000	0.040	0.025	0.030	--
#BO_DG2__P	td	0.011	0.050				+
#BO_DG3__Z	Z	4.557	4.545	0.025	-0.025	0.012	++
#BO_DG3__X	X	83.776	83.787	0.025	-0.025	-0.011	--
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.033	0.050				+++
#BO_DG4__Z	Z	-37.426	-37.437	0.025	-0.025	0.011	++
#BO_DG4__X	X	85.000	84.997	0.025	-0.025	0.003	+
#BO_DG4__D	D	10.037	10.000	0.040	0.025	0.037	+++
#BO_DG4__P	td	0.023	0.050				++
#BO_SD1__Z	Z	122.772	122.758	0.025	-0.025	0.014	+++
#BO_SD1__X	X	-18.890	-18.886	0.025	-0.025	-0.004	-
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.028	0.050				+++
#BO_SD2__Z	Z	-89.518	-89.538	0.025	-0.025	0.020	++++

#BO_SD2__X	X	91.443	91.458	0.025	-0.025	-0.015	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD2__P	td	0.050	0.050				0.000
#BO_SR2__Z	Z	-56.714	-56.700	0.050	-0.050	-0.014	--
#BO_SR2__X	X	42.716	42.733	0.050	-0.050	-0.017	--
#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR2__P	td	0.044	0.100				++
#BO_SR3__Z	Z	64.877	64.900	0.050	-0.050	-0.023	--
#BO_SR3__X	X	-28.884	-28.887	0.050	-0.050	0.003	+
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.047	0.100				++
#BO_SR4__Z	Z	94.173	94.176	0.050	-0.050	-0.003	-
#BO_SR4__X	X	-70.198	-70.200	0.050	-0.050	0.002	+
#BO_SR4__D	D	10.008	10.000	0.015	0.000	0.008	+
#BO_SR4__P	td	0.007	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.299	35.302	0.050	-0.050	-0.003	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.039	0.100				++
#BO_P__Z	Z	104.538	104.550	0.050	-0.050	-0.012	-
#BO_P__X	X	-117.241	-117.257	0.050	-0.050	0.016	++
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.040	0.100				++
#FL_P__1Y	Y	24.527	24.540	0.100	-0.100	-0.013	-
#FL_P__2Y	Y	38.137	38.140	0.050	-0.050	-0.003	-
#BO_P1__Z	Z	41.009	41.011	0.050	-0.050	-0.002	-
#BO_P1__X	X	-196.958	-196.986	0.050	-0.050	0.028	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.055	0.100				+++
#FL_P1__1Y	Y	24.742	24.740	0.050	-0.050	0.002	+
#GW_E01__Z	Z	67.873	67.800	0.200	-0.200	0.073	++
#GW_E01__X	X	19.524	19.600	0.200	-0.200	-0.076	--
#GW_E01__P	td	0.211	0.400				+++
#GW_E02__Z	Z	163.185	163.270	0.200	-0.200	-0.085	--
#GW_E02__X	X	41.139	41.180	0.200	-0.200	-0.041	-
#GW_E02__P	td	0.189	0.400				++
#GW_E03__Z	Z	54.170	54.254	0.200	-0.200	-0.084	--
#GW_E03__X	X	157.786	157.900	0.200	-0.200	-0.114	---
#GW_E03__P	td	0.283	0.400				+++
#GW_E04__Z	Z	-132.910	132.799	0.200	-0.200	0.111	+++
#GW_E04__X	X	133.653	133.635	0.200	-0.200	0.018	+

#GW_E04__P	td	0.226	0.400				+++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.510	74.516	0.030	-0.030	-0.006	-
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.042	0.060				+++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.002	0.200				+
#BO_E1_RET	td	0.002	0.050				+
#BO_E2__Z	Z	8.132	8.114	0.030	-0.030	0.018	+++
#BO_E2__X	X	114.981	114.998	0.030	-0.030	-0.017	---
#BO_E2__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.002	0.200				+
#BO_E2_RET	td	0.002	0.050				+
#GW_W2__Z	Z	31.191	31.148	0.200	-0.200	0.043	+
#GW_W2__X	X	30.391	30.509	0.200	-0.200	-0.118	---
#GW_W2__P	td	0.252	0.400				+++
#GW_M1__Z	Z	91.569	91.592	0.200	-0.200	-0.023	-
#GW_M1__X	X	7.922	7.978	0.200	-0.200	-0.056	--
#GW_M1__P	td	0.121	0.400				++
#GW_M4__Z	Z	59.684	59.740	0.200	-0.200	-0.056	--
#GW_M4__X	X	-170.542	-170.500	0.200	-0.200	-0.042	-
#GW_M4__P	td	0.140	0.400				++
#GW_M2__X	X	-30.085	-30.000	0.200	-0.200	-0.085	--
#GW_M2__Y	Y	88.922	89.000	0.200	-0.200	-0.078	--
#GW_M2__P	td	0.230	0.400				+++
#GW_UM18_Z	Z	-119.606	-119.726	0.200	-0.200	0.120	+++
#GW_UM18_X	X	-246.623	-246.662	0.200	-0.200	0.039	+
#GW_UM18_P	td	0.252	0.400				+++
#U18_RETT	td	0.004	0.100				+
#BO_T1__Y	Y	99.085	99.090	0.050	-0.050	-0.005	-
#BO_T1__Z	Z	-0.055	0.000	0.050	-0.050	-0.055	-0.005
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.110	0.100				0.010
#GW_T3__Y	Y	-0.040	0.000	0.200	-0.200	-0.040	-
#GW_T3__Z	Z	-20.903	21.000	0.200	-0.200	-0.097	--
#GW_T3__P	td	0.209	0.400				+++
#BO_T2__Y	Y	83.505	83.500	0.050	-0.050	0.005	+

#BO_T2__Z	Z	-0.046	0.000	0.050	-0.050	-0.046	----
#BO_T2__D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2__P	td	0.093	0.100				++++
#GW_T4__Y	Y	-0.110	0.000	0.200	-0.200	-0.110	---
#GW_T4__Z	Z	18.397	18.500	0.200	-0.200	-0.103	---
#GW_T4__P	td	0.302	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 07/09/12 11.46.42

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio

CICLO CNC

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=====
DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
G_TR_315___FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Germinari | 7. 9.2012 | PZ 10 | 315_FO.21 | | 7:22:26
```

TEMP. PEZZO 24.47

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.022	0.050				++
#H_PLA/100	t		0.007	0.030				+
#BO_J_Z	Z		146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X	X		76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D	D		9.996	10.000	0.005	-0.010	-0.004	-
#BO_J_P	td		0.026	0.060				++
#BO_R_Z	Z		-175.976	-176.000	0.030	-0.030	0.024	++++
#BO_R_X	X		-70.494	-70.500	0.030	-0.030	0.006	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_R_P	td		0.049	0.060				++++
#BO_D__1D	D		62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_L__2Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__2X	X		-38.121	-38.127	0.025	-0.025	0.006	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.016	0.050				++
#FL_L1__Y	Y		192.030	192.000	0.050	-0.050	0.030	+++
#BO_S__1Z	Z		15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X	X		-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D	D		62.006	62.000	0.030	0.000	0.006	---
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.026	0.050				+++
#BO_F__1Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X	X		-165.268	-165.274	0.025	-0.025	0.006	+
#BO_F__1D	D		65.057	65.000	0.080	0.061	0.057	-0.004
#BO_F__2Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__2X	X		-165.269	-165.274	0.025	-0.025	0.005	+

#BO_F___2D	D	65.059	65.000	0.080	0.061	0.059	-0.002
#BO_F___1P	td	0.012	0.050				+
#FL_F1___Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.021	55.000	0.046	0.000	0.021	-
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.007	0.010				+++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.601	128.600	0.025	-0.025	0.001	+
#BO_F/S_PO	R	126.936	126.950	0.025	-0.025	-0.014	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.994	188.000	0.025	-0.025	-0.006	-
#BO_DG1__Z	Z	87.730	87.732	0.025	-0.025	-0.002	-
#BO_DG1__X	X	20.223	20.223	0.025	-0.025	-0.000	+-
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.005	0.050				+
#BO_DG2__Z	Z	62.144	62.138	0.025	-0.025	0.006	+
#BO_DG2__X	X	53.521	53.523	0.025	-0.025	-0.002	-
#BO_DG2__D	D	8.024	8.000	0.040	0.025	0.024	-0.001
#BO_DG2__P	td	0.013	0.050				++
#BO_DG3__Z	Z	4.565	4.545	0.025	-0.025	0.020	++++
#BO_DG3__X	X	83.782	83.787	0.025	-0.025	-0.005	-
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	-0.000
#BO_DG3__P	td	0.041	0.050				++++
#BO_DG4__Z	Z	-37.419	-37.437	0.025	-0.025	0.018	+++
#BO_DG4__X	X	84.991	84.997	0.025	-0.025	-0.006	-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+-
#BO_DG4__P	td	0.039	0.050				++++
#BO_SD1__Z	Z	122.740	122.758	0.025	-0.025	-0.018	---
#BO_SD1__X	X	-18.896	-18.886	0.025	-0.025	-0.010	--
#BO_SD1__D	D	15.997	16.000	0.000	-0.018	-0.003	+++
#BO_SD1__P	td	0.040	0.050				++++
#BO_SD2__Z	Z	-89.516	-89.538	0.025	-0.025	0.022	++++

#BO_SD2__X	X	91.474	91.458	0.025	-0.025	0.016	+++
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.055	0.050				0.005
#BO_SR2__Z	Z	-56.682	-56.700	0.050	-0.050	0.018	++
#BO_SR2__X	X	42.726	42.733	0.050	-0.050	-0.007	-
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.039	0.100				++
#BO_SR3__Z	Z	64.891	64.900	0.050	-0.050	-0.009	-
#BO_SR3__X	X	-28.900	-28.887	0.050	-0.050	-0.013	--
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.031	0.100				++
#BO_SR4__Z	Z	94.151	94.176	0.050	-0.050	-0.025	---
#BO_SR4__X	X	-70.208	-70.200	0.050	-0.050	-0.008	-
#BO_SR4__D	D	10.009	10.000	0.015	0.000	0.009	+
#BO_SR4__P	td	0.052	0.100				+++
#BO_SR5__Z	Z	-106.821	-106.831	0.050	-0.050	0.010	+
#BO_SR5__X	X	35.310	35.302	0.050	-0.050	0.008	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.027	0.100				++
#BO_P__Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#BO_P__X	X	-117.248	-117.257	0.050	-0.050	0.009	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.024	0.100				+
#FL_P__1Y	Y	24.540	24.540	0.100	-0.100	-0.000	+-
#FL_P__2Y	Y	38.095	38.140	0.050	-0.050	-0.045	----
#BO_P1__Z	Z	41.021	41.011	0.050	-0.050	0.010	+
#BO_P1__X	X	-196.969	-196.986	0.050	-0.050	0.017	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.039	0.100				++
#FL_P1__1Y	Y	24.784	24.740	0.050	-0.050	0.044	++++
#GW_E01__Z	Z	67.732	67.800	0.200	-0.200	-0.068	--
#GW_E01__X	X	19.562	19.600	0.200	-0.200	-0.038	-
#GW_E01__P	td	0.156	0.400				++
#GW_E02__Z	Z	163.069	163.270	0.200	-0.200	-0.201	-0.001
#GW_E02__X	X	41.180	41.180	0.200	-0.200	-0.000	+-
#GW_E02__P	td	0.402	0.400				0.002
#GW_E03__Z	Z	54.111	54.254	0.200	-0.200	-0.143	---
#GW_E03__X	X	157.879	157.900	0.200	-0.200	-0.021	-
#GW_E03__P	td	0.289	0.400				+++
#GW_E04__Z	Z	-132.937	132.799	0.200	-0.200	0.138	+++
#GW_E04__X	X	133.750	133.635	0.200	-0.200	0.115	+++

#GW_E04__P	td	0.359	0.400				++++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.509	74.516	0.030	-0.030	-0.007	-
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.043	0.060				+++
#BO_E1__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.141	8.114	0.030	-0.030	0.027	++++
#BO_E2__X	X	114.988	114.998	0.030	-0.030	-0.010	--
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.057	0.060				++++
#BO_E2__2D	D	37.624	37.600	0.039	0.000	0.024	+
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.174	31.148	0.200	-0.200	0.026	+
#GW_W2__X	X	30.415	30.509	0.200	-0.200	-0.094	--
#GW_W2__P	td	0.195	0.400				++
#GW_M1__Z	Z	91.605	91.592	0.200	-0.200	0.013	+
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.087	0.400				+
#GW_M4__Z	Z	59.679	59.740	0.200	-0.200	-0.061	--
#GW_M4__X	X	-170.500	-170.500	0.200	-0.200	-0.000	+-
#GW_M4__P	td	0.123	0.400				++
#GW_M2__X	X	-29.940	-30.000	0.200	-0.200	0.060	++
#GW_M2__Y	Y	89.072	89.000	0.200	-0.200	0.072	++
#GW_M2__P	td	0.188	0.400				++
#GW_UM18_Z	Z	-119.734	-119.726	0.200	-0.200	-0.008	-
#GW_UM18_X	X	-246.623	-246.662	0.200	-0.200	0.039	+
#GW_UM18_P	td	0.080	0.400				+
#U18_RETT	td	0.007	0.100				+
#BO_T1__Y	Y	99.101	99.090	0.050	-0.050	0.011	+
#BO_T1__Z	Z	0.012	0.000	0.050	-0.050	0.012	+
#BO_T1__D	D	13.868	13.850	0.043	0.000	0.018	-
#BO_T1__P	td	0.031	0.100				++
#GW_T3__Y	Y	-0.032	0.000	0.200	-0.200	-0.032	-
#GW_T3__Z	Z	-20.973	21.000	0.200	-0.200	-0.027	-
#GW_T3__P	td	0.084	0.400				+
#BO_T2__Y	Y	83.511	83.500	0.050	-0.050	0.011	+

#BO_T2__Z	Z	0.016	0.000	0.050	-0.050	0.016	++
#BO_T2__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T2__P	td	0.039	0.100				++
#GW_T4__Y	Y	0.077	0.000	0.200	-0.200	0.077	++
#GW_T4__Z	Z	18.527	18.500	0.200	-0.200	0.027	+
#GW_T4__P	td	0.162	0.400				++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 07/09/12 11.46.37

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio | CICLO CNC
 =====
 DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST
 OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Germinari | 7. 9.2012 | PZ 9 | 315_FO.21 | | 6:30:15

TEMP. PEZZO 24.42

INDI	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.031	0.050				+++
#H_PLA/100	t		0.013	0.030				++
#BO_J_Z	Z		146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X	X		76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D	D		9.996	10.000	0.005	-0.010	-0.004	-
#BO_J_P	td		0.025	0.060				++
#BO_R_Z	Z		-175.975	-176.000	0.030	-0.030	0.025	++++
#BO_R_X	X		-70.494	-70.500	0.030	-0.030	0.006	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_R_P	td		0.051	0.060				++++
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__1X	X		-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__1D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_L__2Z	Z		-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__2X	X		-38.121	-38.127	0.025	-0.025	0.006	++
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.016	0.050				++
#FL_L1__Y	Y		192.028	192.000	0.050	-0.050	0.028	+++
#BO_S__1Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__1X	X		-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.028	0.050				+++
#BO_F__1Z	Z		-89.604	-89.601	0.025	-0.025	-0.003	-
#BO_F__1X	X		-165.267	-165.274	0.025	-0.025	0.007	++
#BO_F__1D	D		65.056	65.000	0.080	0.061	0.056	-0.005
#BO_F__2Z	Z		-89.605	-89.601	0.025	-0.025	-0.004	-
#BO_F__2X	X		-165.268	-165.274	0.025	-0.025	0.006	+

#BO_F__2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__1P	td	0.015	0.050				++
#FL_F1__Y	Y	26.056	26.100	0.080	-0.080	-0.044	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.009	0.010				++++
#BO_L_ROT	t	0.010	0.010				0.000
#BO_S_ROT	t	0.009	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.600	128.600	0.025	-0.025	-0.000	+-
#BO_F/S_PO	R	126.936	126.950	0.025	-0.025	-0.014	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.993	188.000	0.025	-0.025	-0.007	--
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	--
#BO_DG1__X	X	20.227	20.223	0.025	-0.025	0.004	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.015	0.050				++
#BO_DG2__Z	Z	62.141	62.138	0.025	-0.025	0.003	+
#BO_DG2__X	X	53.525	53.523	0.025	-0.025	0.002	+
#BO_DG2__D	D	8.024	8.000	0.040	0.025	0.024	-0.001
#BO_DG2__P	td	0.007	0.050				+
#BO_DG3__Z	Z	4.562	4.545	0.025	-0.025	0.017	+++
#BO_DG3__X	X	83.787	83.787	0.025	-0.025	-0.000	+-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.034	0.050				+++
#BO_DG4__Z	Z	-37.424	-37.437	0.025	-0.025	0.013	+++
#BO_DG4__X	X	84.996	84.997	0.025	-0.025	-0.001	-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+-
#BO_DG4__P	td	0.026	0.050				+++
#BO_SD1__Z	Z	122.738	122.758	0.025	-0.025	-0.020	----
#BO_SD1__X	X	-18.894	-18.886	0.025	-0.025	-0.008	--
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	+++
#BO_SD1__P	td	0.044	0.050				++++
#BO_SD2__Z	Z	-89.517	-89.538	0.025	-0.025	0.021	++++

#BO_SD2__X	X	91.476	91.458	0.025	-0.025	0.018	+++
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.055	0.050				0.005
#BO_SR2__Z	Z	-56.682	-56.700	0.050	-0.050	0.018	++
#BO_SR2__X	X	42.727	42.733	0.050	-0.050	-0.006	-
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.037	0.100				++
#BO_SR3__Z	Z	64.892	64.900	0.050	-0.050	-0.008	-
#BO_SR3__X	X	-28.899	-28.887	0.050	-0.050	-0.012	-
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.029	0.100				++
#BO_SR4__Z	Z	94.150	94.176	0.050	-0.050	-0.026	---
#BO_SR4__X	X	-70.200	-70.200	0.050	-0.050	0.000	+-
#BO_SR4__D	D	10.027	10.000	0.015	0.000	0.027	0.012
#BO_SR4__P	td	0.053	0.100				+++
#BO_SR5__Z	Z	-106.824	-106.831	0.050	-0.050	0.007	+
#BO_SR5__X	X	35.313	35.302	0.050	-0.050	0.011	+
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.025	0.100				++
#BO_P__Z	Z	104.556	104.550	0.050	-0.050	0.006	+
#BO_P__X	X	-117.249	-117.257	0.050	-0.050	0.008	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.021	0.100				+
#FL_P__1Y	Y	24.541	24.540	0.100	-0.100	0.001	+
#FL_P__2Y	Y	38.095	38.140	0.050	-0.050	-0.045	----
#BO_P1__Z	Z	41.019	41.011	0.050	-0.050	0.008	+
#BO_P1__X	X	-196.969	-196.986	0.050	-0.050	0.017	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.038	0.100				++
#FL_P1__1Y	Y	24.783	24.740	0.050	-0.050	0.043	++++
#GW_E01__Z	Z	67.769	67.800	0.200	-0.200	-0.031	-
#GW_E01__X	X	19.593	19.600	0.200	-0.200	-0.007	-
#GW_E01__P	td	0.064	0.400				+
#GW_E02__Z	Z	163.149	163.270	0.200	-0.200	-0.121	---
#GW_E02__X	X	41.196	41.180	0.200	-0.200	0.016	+
#GW_E02__P	td	0.243	0.400				+++
#GW_E03__Z	Z	54.169	54.254	0.200	-0.200	-0.085	--
#GW_E03__X	X	157.898	157.900	0.200	-0.200	-0.002	-
#GW_E03__P	td	0.170	0.400				++
#GW_E04__Z	Z	-132.881	132.799	0.200	-0.200	0.082	++
#GW_E04__X	X	133.804	133.635	0.200	-0.200	0.169	++++

#GW_E04__P	td	0.375	0.400				++++
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.514	74.516	0.030	-0.030	-0.002	-
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E1__P	td	0.033	0.060				+++
#BO_E1__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.138	8.114	0.030	-0.030	0.024	++++
#BO_E2__X	X	114.993	114.998	0.030	-0.030	-0.005	-
#BO_E2__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E2_CON	td	0.005	0.200				+
#BO_E2_RET	td	0.006	0.050				+
#GW_W2__Z	Z	31.150	31.148	0.200	-0.200	0.002	+
#GW_W2__X	X	30.430	30.509	0.200	-0.200	-0.079	--
#GW_W2__P	td	0.157	0.400				++
#GW_M1__Z	Z	91.607	91.592	0.200	-0.200	0.015	+
#GW_M1__X	X	7.934	7.978	0.200	-0.200	-0.044	-
#GW_M1__P	td	0.093	0.400				+
#GW_M4__Z	Z	59.685	59.740	0.200	-0.200	-0.055	--
#GW_M4__X	X	-170.485	-170.500	0.200	-0.200	0.015	+
#GW_M4__P	td	0.114	0.400				++
#GW_M2__X	X	-29.942	-30.000	0.200	-0.200	0.058	++
#GW_M2__Y	Y	89.049	89.000	0.200	-0.200	0.049	+
#GW_M2__P	td	0.151	0.400				++
#GW_UM18_Z	Z	-119.728	-119.726	0.200	-0.200	-0.002	-
#GW_UM18_X	X	-246.615	-246.662	0.200	-0.200	0.047	+
#GW_UM18_P	td	0.095	0.400				+
#U18_RETT	td	0.011	0.100				+
#BO_T1__Y	Y	99.100	99.090	0.050	-0.050	0.010	+
#BO_T1__Z	Z	0.014	0.000	0.050	-0.050	0.014	++
#BO_T1__D	D	13.868	13.850	0.043	0.000	0.018	-
#BO_T1__P	td	0.034	0.100				++
#GW_T3__Y	Y	-0.043	0.000	0.200	-0.200	-0.043	-
#GW_T3__Z	Z	-20.934	21.000	0.200	-0.200	-0.066	--
#GW_T3__P	td	0.158	0.400				++
#BO_T2__Y	Y	83.511	83.500	0.050	-0.050	0.011	+

#BO_T2__Z	Z	0.013	0.000	0.050	-0.050	0.013	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.035	0.100				++
#GW_T4__Y	Y	0.089	0.000	0.200	-0.200	0.089	++
#GW_T4__Z	Z	18.544	18.500	0.200	-0.200	0.044	+
#GW_T4__P	td	0.200	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 07/09/12 11.46.31

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 G_TR_315__FO.21 | h | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 DiLiso | 7. 9.2012 | PZ 8 | 315_FO.21 | | 6: 8:19

TEMP. PEZZO 23.36

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.039	0.050				++++
#H_PLA/100	t		0.005	0.030				+
#BO_J_Z	Z		146.855	146.846	0.030	-0.030	0.009	++
#BO_J_X	X		76.163	76.161	0.030	-0.030	0.002	+
#BO_J_D	D		9.994	10.000	0.005	-0.010	-0.006	--
#BO_J_P	td		0.018	0.060				++
#BO_R_Z	Z		-175.998	-176.000	0.030	-0.030	0.002	+
#BO_R_X	X		-70.502	-70.500	0.030	-0.030	-0.002	-
#BO_R_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P	td		0.005	0.060				+
#BO_D__1D	D		62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__1X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D	D		62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z	Z		-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L__2X	X		-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__2D	D		62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P	td		0.015	0.050				++
#FL_L1__Y	Y		192.025	192.000	0.050	-0.050	0.025	+++
#BO_S__1Z	Z		15.908	15.906	0.025	-0.025	0.002	+
#BO_S__1X	X		-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__1D	D		62.002	62.000	0.030	0.000	0.002	----
#BO_S__2Z	Z		15.907	15.906	0.025	-0.025	0.001	+
#BO_S__2X	X		-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__2D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P	td		0.012	0.050				+
#BO_F__1Z	Z		-89.595	-89.601	0.025	-0.025	0.006	+
#BO_F__1X	X		-165.270	-165.274	0.025	-0.025	0.004	+
#BO_F__1D	D		65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z	Z		-89.595	-89.601	0.025	-0.025	0.006	+
#BO_F__2X	X		-165.270	-165.274	0.025	-0.025	0.004	+

#BO_F__2D	D	65.067	65.000	0.080	0.061	0.067	--
#BO_F__1P	td	0.015	0.050				++
#FL_F1__Y	Y	26.059	26.100	0.080	-0.080	-0.041	---
#BO_F3_D	D	55.029	55.000	0.046	0.000	0.029	+
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.008	0.010				++++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.003	0.006				+++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.003	0.006				++
#BO_F/L_PO	R	128.597	128.600	0.025	-0.025	-0.003	-
#BO_F/S_PO	R	126.947	126.950	0.025	-0.025	-0.003	-
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.993	188.000	0.025	-0.025	-0.007	--
#BO_DG1__Z	Z	87.741	87.732	0.025	-0.025	0.009	++
#BO_DG1__X	X	20.242	20.223	0.025	-0.025	0.019	+++
#BO_DG1__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG1__P	td	0.041	0.050				++++
#BO_DG2__Z	Z	62.145	62.138	0.025	-0.025	0.007	++
#BO_DG2__X	X	53.524	53.523	0.025	-0.025	0.001	+
#BO_DG2__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG2__P	td	0.014	0.050				++
#BO_DG3__Z	Z	4.559	4.545	0.025	-0.025	0.014	+++
#BO_DG3__X	X	83.778	83.787	0.025	-0.025	-0.009	--
#BO_DG3__D	D	8.027	8.000	0.040	0.025	0.027	---
#BO_DG3__P	td	0.034	0.050				+++
#BO_DG4__Z	Z	-37.425	-37.437	0.025	-0.025	0.012	++
#BO_DG4__X	X	85.000	84.997	0.025	-0.025	0.003	+
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	+++
#BO_DG4__P	td	0.025	0.050				+++
#BO_SD1__Z	Z	122.779	122.758	0.025	-0.025	0.021	++++
#BO_SD1__X	X	-18.885	-18.886	0.025	-0.025	0.001	+
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	--
#BO_SD1__P	td	0.041	0.050				++++
#BO_SD2__Z	Z	-89.515	-89.538	0.025	-0.025	0.023	++++

#BO_SD2__X	X	91.444	91.458	0.025	-0.025	-0.014	---
#BO_SD2__D	D	15.989	16.000	0.000	-0.018	-0.011	--
#BO_SD2__P	td	0.053	0.050				0.003
#BO_SR2__Z	Z	-56.709	-56.700	0.050	-0.050	-0.009	-
#BO_SR2__X	X	42.718	42.733	0.050	-0.050	-0.015	--
#BO_SR2__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR2__P	td	0.034	0.100				++
#BO_SR3__Z	Z	64.880	64.900	0.050	-0.050	-0.020	--
#BO_SR3__X	X	-28.886	-28.887	0.050	-0.050	0.001	+
#BO_SR3__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR3__P	td	0.041	0.100				++
#BO_SR4__Z	Z	94.177	94.176	0.050	-0.050	0.001	+
#BO_SR4__X	X	-70.195	-70.200	0.050	-0.050	0.005	+
#BO_SR4__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR4__P	td	0.010	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.300	35.302	0.050	-0.050	-0.002	-
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.039	0.100				++
#BO_P__Z	Z	104.547	104.550	0.050	-0.050	-0.003	-
#BO_P__X	X	-117.235	-117.257	0.050	-0.050	0.022	++
#BO_P__D	D	18.007	18.000	0.018	0.000	0.007	-
#BO_P__P	td	0.043	0.100				++
#FL_P__1Y	Y	24.525	24.540	0.100	-0.100	-0.015	-
#FL_P__2Y	Y	38.142	38.140	0.050	-0.050	0.002	+
#BO_P1__Z	Z	41.017	41.011	0.050	-0.050	0.006	+
#BO_P1__X	X	-196.954	-196.986	0.050	-0.050	0.032	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.065	0.100				+++
#FL_P1__1Y	Y	24.739	24.740	0.050	-0.050	-0.001	-
#GW_E01__Z	Z	67.851	67.800	0.200	-0.200	0.051	++
#GW_E01__X	X	19.476	19.600	0.200	-0.200	-0.124	---
#GW_E01__P	td	0.269	0.400				+++
#GW_E02__Z	Z	163.179	163.270	0.200	-0.200	-0.091	--
#GW_E02__X	X	41.105	41.180	0.200	-0.200	-0.075	--
#GW_E02__P	td	0.235	0.400				+++
#GW_E03__Z	Z	54.176	54.254	0.200	-0.200	-0.078	--
#GW_E03__X	X	157.790	157.900	0.200	-0.200	-0.110	---
#GW_E03__P	td	0.270	0.400				+++
#GW_E04__Z	Z	-132.921	132.799	0.200	-0.200	0.122	+++
#GW_E04__X	X	133.605	133.635	0.200	-0.200	-0.030	-

#GW_E04__P	td	0.251	0.400				+++
#BO_E1__Z	Z	85.536	85.509	0.030	-0.030	0.027	++++
#BO_E1__X	X	74.513	74.516	0.030	-0.030	-0.003	-
#BO_E1__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E1__P	td	0.055	0.060				++++
#BO_E1__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E1_CON	td	0.002	0.200				+
#BO_E1_RET	td	0.002	0.050				+
#BO_E2__Z	Z	8.137	8.114	0.030	-0.030	0.023	++++
#BO_E2__X	X	114.981	114.998	0.030	-0.030	-0.017	---
#BO_E2__D	D	34.064	34.050	0.025	0.000	0.014	+
#BO_E2__P	td	0.057	0.060				++++
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.003	0.200				+
#BO_E2_RET	td	0.003	0.050				+
#GW_W2__Z	Z	31.212	31.148	0.200	-0.200	0.064	++
#GW_W2__X	X	30.423	30.509	0.200	-0.200	-0.086	--
#GW_W2__P	td	0.214	0.400				+++
#GW_M1__Z	Z	91.537	91.592	0.200	-0.200	-0.055	--
#GW_M1__X	X	7.901	7.978	0.200	-0.200	-0.077	--
#GW_M1__P	td	0.188	0.400				++
#GW_M4__Z	Z	59.661	59.740	0.200	-0.200	-0.079	--
#GW_M4__X	X	-170.558	-170.500	0.200	-0.200	-0.058	--
#GW_M4__P	td	0.196	0.400				++
#GW_M2__X	X	-30.091	-30.000	0.200	-0.200	-0.091	--
#GW_M2__Y	Y	88.978	89.000	0.200	-0.200	-0.022	-
#GW_M2__P	td	0.187	0.400				++
#GW_UM18_Z	Z	-119.601	-119.726	0.200	-0.200	0.125	+++
#GW_UM18_X	X	-246.624	-246.662	0.200	-0.200	0.038	+
#GW_UM18_P	td	0.261	0.400				+++
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.083	99.090	0.050	-0.050	-0.007	-
#BO_T1__Z	Z	-0.047	0.000	0.050	-0.050	-0.047	----
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.094	0.100				++++
#GW_T3__Y	Y	-0.044	0.000	0.200	-0.200	-0.044	-
#GW_T3__Z	Z	-20.929	21.000	0.200	-0.200	-0.071	--
#GW_T3__P	td	0.167	0.400				++
#BO_T2__Y	Y	83.505	83.500	0.050	-0.050	0.005	+

#BO_T2___Z	Z	-0.040	0.000	0.050	-0.050	-0.040	----
#BO_T2___D	D	13.873	13.850	0.043	0.000	0.023	+
#BO_T2___P	td	0.081	0.100				++++
#GW_T4___Y	Y	-0.124	0.000	0.200	-0.200	-0.124	---
#GW_T4___Z	Z	18.415	18.500	0.200	-0.200	-0.085	--
#GW_T4___P	td	0.302	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 07/09/12 11.46.25

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No. |Indice |PROV.MAC |ZEISS |TIPO MISURA
 G_TR_315__FO.21 | h | Bz - |Cx ZEISS 1 |TEST

OPERATORE | DATA | NUMERO PART. |PROGRAMMA |PALETTE |TIME
 Loconsole | 6. 9.2012 | PZ 7 |315_FO.21 | |19:21:15

TEMP. PEZZO 23.01

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.019	0.050				++
#H_PLA/100	t		0.010	0.030				++
#BO_J_Z	Z		146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X	X		76.162	76.161	0.030	-0.030	0.001	+
#BO_J_D	D		9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P	td		0.027	0.060				++
#BO_R_Z	Z		-175.974	-176.000	0.030	-0.030	0.026	++++
#BO_R_X	X		-70.494	-70.500	0.030	-0.030	0.006	+
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P	td		0.054	0.060				++++
#BO_D__1D	D		62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z	Z		-70.333	-70.330	0.025	-0.025	-0.003	-
#BO_L__1X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D	D		62.011	62.000	0.030	0.000	0.011	--
#BO_L__2Z	Z		-70.334	-70.330	0.025	-0.025	-0.004	-
#BO_L__2X	X		-38.120	-38.127	0.025	-0.025	0.007	++
#BO_L__2D	D		62.011	62.000	0.030	0.000	0.011	--
#BO_L__1P	td		0.016	0.050				++
#FL_L1__Y	Y		192.030	192.000	0.050	-0.050	0.030	+++
#BO_S__1Z	Z		15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X	X		-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__1D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.028	0.050				+++
#BO_F__1Z	Z		-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F__1X	X		-165.269	-165.274	0.025	-0.025	0.005	+
#BO_F__1D	D		65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__2Z	Z		-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X	X		-165.270	-165.274	0.025	-0.025	0.004	+

#BO_F__2D	D	65.061	65.000	0.080	0.061	0.061	-0.000
#BO_F__1P	td	0.011	0.050				+
#FL_F1__Y	Y	26.057	26.100	0.080	-0.080	-0.043	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.008	0.010				++++
#BO_L_ROT	t	0.010	0.010				++++
#BO_S_ROT	t	0.010	0.010				0.000
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.007	0.006				0.001
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.003	0.006				+++
#BO_F_LIN	tx	0.005	0.006				++++
#BO_F/L_PO	R	128.602	128.600	0.025	-0.025	0.002	+
#BO_F/S_PO	R	126.935	126.950	0.025	-0.025	-0.015	---
#BO_D/S_PO	R	96.001	96.000	0.025	-0.025	0.001	+
#BO_D/L_PO	R	79.996	80.000	0.025	-0.025	-0.004	-
#BO_D/F_PO	R	187.994	188.000	0.025	-0.025	-0.006	-
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	-
#BO_DG1__X	X	20.226	20.223	0.025	-0.025	0.003	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.013	0.050				++
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.525	53.523	0.025	-0.025	0.002	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.006	0.050				+
#BO_DG3__Z	Z	4.562	4.545	0.025	-0.025	0.017	+++
#BO_DG3__X	X	83.786	83.787	0.025	-0.025	-0.001	-
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.034	0.050				+++
#BO_DG4__Z	Z	-37.423	-37.437	0.025	-0.025	0.014	+++
#BO_DG4__X	X	84.995	84.997	0.025	-0.025	-0.002	-
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.028	0.050				+++
#BO_SD1__Z	Z	122.739	122.758	0.025	-0.025	-0.019	---
#BO_SD1__X	X	-18.897	-18.886	0.025	-0.025	-0.011	--
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	++++
#BO_SD1__P	td	0.043	0.050				++++
#BO_SD2__Z	Z	-89.517	-89.538	0.025	-0.025	0.021	++++

#BO_SD2__X	X	91.474	91.458	0.025	-0.025	0.016	+++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.054	0.050				0.004
#BO_SR2__Z	Z	-56.683	-56.700	0.050	-0.050	0.017	++
#BO_SR2__X	X	42.726	42.733	0.050	-0.050	-0.007	-
#BO_SR2__D	D	13.011	13.000	0.018	0.000	0.011	++
#BO_SR2__P	td	0.037	0.100				++
#BO_SR3__Z	Z	64.890	64.900	0.050	-0.050	-0.010	-
#BO_SR3__X	X	-28.900	-28.887	0.050	-0.050	-0.013	--
#BO_SR3__D	D	13.017	13.000	0.018	0.000	0.017	++++
#BO_SR3__P	td	0.034	0.100				++
#BO_SR4__Z	Z	94.149	94.176	0.050	-0.050	-0.027	---
#BO_SR4__X	X	-70.206	-70.200	0.050	-0.050	-0.006	-
#BO_SR4__D	D	10.010	10.000	0.015	0.000	0.010	++
#BO_SR4__P	td	0.055	0.100				+++
#BO_SR5__Z	Z	-106.823	-106.831	0.050	-0.050	0.008	+
#BO_SR5__X	X	35.308	35.302	0.050	-0.050	0.006	+
#BO_SR5__D	D	10.008	10.000	0.015	0.000	0.008	+-
#BO_SR5__P	td	0.020	0.100				+
#BO_P__Z	Z	104.556	104.550	0.050	-0.050	0.006	+
#BO_P__X	X	-117.246	-117.257	0.050	-0.050	0.011	+
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.025	0.100				++
#FL_P__1Y	Y	24.535	24.540	0.100	-0.100	-0.005	-
#FL_P__2Y	Y	38.094	38.140	0.050	-0.050	-0.046	----
#BO_P1__Z	Z	41.019	41.011	0.050	-0.050	0.008	+
#BO_P1__X	X	-196.967	-196.986	0.050	-0.050	0.019	++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.040	0.100				++
#FL_P1__1Y	Y	24.782	24.740	0.050	-0.050	0.042	++++
#GW_E01__Z	Z	67.751	67.800	0.200	-0.200	-0.049	-
#GW_E01__X	X	19.591	19.600	0.200	-0.200	-0.009	-
#GW_E01__P	td	0.099	0.400				+
#GW_E02__Z	Z	163.086	163.270	0.200	-0.200	-0.184	----
#GW_E02__X	X	41.179	41.180	0.200	-0.200	-0.001	-
#GW_E02__P	td	0.368	0.400				++++
#GW_E03__Z	Z	54.103	54.254	0.200	-0.200	-0.151	----
#GW_E03__X	X	157.872	157.900	0.200	-0.200	-0.028	-
#GW_E03__P	td	0.307	0.400				++++
#GW_E04__Z	Z	-132.953	132.799	0.200	-0.200	0.154	++++
#GW_E04__X	X	133.791	133.635	0.200	-0.200	0.156	++++

#GW_E04__P	td	0.439	0.400				0.039
#BO_E1__Z	Z	85.527	85.509	0.030	-0.030	0.018	+++
#BO_E1__X	X	74.515	74.516	0.030	-0.030	-0.001	-
#BO_E1__D	D	34.067	34.050	0.025	0.000	0.017	++
#BO_E1__P	td	0.037	0.060				+++
#BO_E1__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E1_CON	td	0.005	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.138	8.114	0.030	-0.030	0.024	++++
#BO_E2__X	X	114.995	114.998	0.030	-0.030	-0.003	-
#BO_E2__D	D	34.068	34.050	0.025	0.000	0.018	++
#BO_E2__P	td	0.048	0.060				++++
#BO_E2__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E2_CON	td	0.005	0.200				+
#BO_E2_RET	td	0.005	0.050				+
#GW_W2__Z	Z	31.155	31.148	0.200	-0.200	0.007	+
#GW_W2__X	X	30.429	30.509	0.200	-0.200	-0.080	--
#GW_W2__P	td	0.161	0.400				++
#GW_M1__Z	Z	91.605	91.592	0.200	-0.200	0.013	+
#GW_M1__X	X	7.962	7.978	0.200	-0.200	-0.016	-
#GW_M1__P	td	0.041	0.400				+
#GW_M4__Z	Z	59.678	59.740	0.200	-0.200	-0.062	--
#GW_M4__X	X	-170.487	-170.500	0.200	-0.200	0.013	+
#GW_M4__P	td	0.127	0.400				++
#GW_M2__X	X	-29.939	-30.000	0.200	-0.200	0.061	++
#GW_M2__Y	Y	89.054	89.000	0.200	-0.200	0.054	++
#GW_M2__P	td	0.162	0.400				++
#GW_UM18_Z	Z	-119.726	-119.726	0.200	-0.200	-0.000	+-
#GW_UM18_X	X	-246.616	-246.662	0.200	-0.200	0.046	+
#GW_UM18_P	td	0.092	0.400				+
#U18_RETT	td	0.010	0.100				+
#BO_T1__Y	Y	99.104	99.090	0.050	-0.050	0.014	++
#BO_T1__Z	Z	0.010	0.000	0.050	-0.050	0.010	+
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.034	0.100				++
#GW_T3__Y	Y	-0.026	0.000	0.200	-0.200	-0.026	-
#GW_T3__Z	Z	-20.934	21.000	0.200	-0.200	-0.066	--
#GW_T3__P	td	0.142	0.400				++
#BO_T2__Y	Y	83.513	83.500	0.050	-0.050	0.013	++

#BO_T2__Z	Z	0.013	0.000	0.050	-0.050	0.013	++
#BO_T2__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T2__P	td	0.037	0.100				++
#GW_T4__Y	Y	0.106	0.000	0.200	-0.200	0.106	+++
#GW_T4__Z	Z	18.533	18.500	0.200	-0.200	0.033	+
#GW_T4__P	td	0.222	0.400				+++

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 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 19.37.37

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Loconsole	6. 9.2012	PZ 6	315_FO.21	18:54:52

TEMP. PEZZO 23.70

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.027	0.050				+++
#H_PLA/100		t	0.007	0.030				+
#BO_J_Z		Z	146.846	146.846	0.030	-0.030	0.000	+-
#BO_J_X		X	76.158	76.161	0.030	-0.030	-0.003	-
#BO_J_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_J_P		td	0.006	0.060				+
#BO_R_Z		Z	-176.001	-176.000	0.030	-0.030	-0.001	-
#BO_R_X		X	-70.504	-70.500	0.030	-0.030	-0.004	-
#BO_R_D		D	9.995	10.000	0.005	-0.010	-0.005	--
#BO_R_P		td	0.008	0.060				+
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	--
#BO_L__1Z		Z	-70.324	-70.330	0.025	-0.025	0.006	+
#BO_L__1X		X	-38.125	-38.127	0.025	-0.025	0.002	+
#BO_L__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_L__2Z		Z	-70.324	-70.330	0.025	-0.025	0.006	+
#BO_L__2X		X	-38.124	-38.127	0.025	-0.025	0.003	+
#BO_L__2D		D	62.009	62.000	0.030	0.000	0.009	--
#BO_L__1P		td	0.012	0.050				+
#FL_L1__Y		Y	192.025	192.000	0.050	-0.050	0.025	+++
#BO_S__1Z		Z	15.906	15.906	0.025	-0.025	-0.000	+-
#BO_S__1X		X	-94.668	-94.673	0.025	-0.025	0.005	+
#BO_S__1D		D	62.003	62.000	0.030	0.000	0.003	----
#BO_S__2Z		Z	15.905	15.906	0.025	-0.025	-0.001	-
#BO_S__2X		X	-94.667	-94.673	0.025	-0.025	0.006	+
#BO_S__2D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P		td	0.010	0.050				+
#BO_F__1Z		Z	-89.600	-89.601	0.025	-0.025	0.001	+
#BO_F__1X		X	-165.273	-165.274	0.025	-0.025	0.001	+
#BO_F__1D		D	65.062	65.000	0.080	0.061	0.062	----
#BO_F__2Z		Z	-89.600	-89.601	0.025	-0.025	0.001	+
#BO_F__2X		X	-165.273	-165.274	0.025	-0.025	0.001	+

#BO_F___2D	D	65.068	65.000	0.080	0.061	0.068	--
#BO_F___1P	td	0.003	0.050				+
#FL_F1___Y	Y	26.063	26.100	0.080	-0.080	-0.037	--
#BO_F3_D	D	55.030	55.000	0.046	0.000	0.030	++
#BO_D_ROT	t	0.006	0.010				+++
#BO_L_ROT	t	0.007	0.010				+++
#BO_S_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.006	0.010				+++
#BO_D_LIN	tx	0.002	0.006				++
#BO_S_LIN	tx	0.003	0.006				++
#BO_L_LIN	tx	0.003	0.006				++
#BO_F_LIN	tx	0.002	0.006				++
#BO_F/L_PO	R	128.601	128.600	0.025	-0.025	0.001	+
#BO_F/S_PO	R	126.951	126.950	0.025	-0.025	0.001	+
#BO_D/S_PO	R	95.995	96.000	0.025	-0.025	-0.005	-
#BO_D/L_PO	R	79.992	80.000	0.025	-0.025	-0.008	--
#BO_D/F_PO	R	187.998	188.000	0.025	-0.025	-0.002	-
#BO_DG1__Z	Z	87.734	87.732	0.025	-0.025	0.002	+
#BO_DG1__X	X	20.235	20.223	0.025	-0.025	0.012	++
#BO_DG1__D	D	10.039	10.000	0.040	0.025	0.039	++++
#BO_DG1__P	td	0.025	0.050				++
#BO_DG2__Z	Z	62.141	62.138	0.025	-0.025	0.003	+
#BO_DG2__X	X	53.517	53.523	0.025	-0.025	-0.006	--
#BO_DG2__D	D	8.032	8.000	0.040	0.025	0.032	+-
#BO_DG2__P	td	0.014	0.050				++
#BO_DG3__Z	Z	4.557	4.545	0.025	-0.025	0.012	++
#BO_DG3__X	X	83.771	83.787	0.025	-0.025	-0.016	---
#BO_DG3__D	D	8.029	8.000	0.040	0.025	0.029	--
#BO_DG3__P	td	0.039	0.050				++++
#BO_DG4__Z	Z	-37.429	-37.437	0.025	-0.025	0.008	++
#BO_DG4__X	X	84.996	84.997	0.025	-0.025	-0.001	-
#BO_DG4__D	D	10.038	10.000	0.040	0.025	0.038	++++
#BO_DG4__P	td	0.016	0.050				++
#BO_SD1__Z	Z	122.772	122.758	0.025	-0.025	0.014	+++
#BO_SD1__X	X	-18.892	-18.886	0.025	-0.025	-0.006	-
#BO_SD1__D	D	15.989	16.000	0.000	-0.018	-0.011	-
#BO_SD1__P	td	0.030	0.050				+++
#BO_SD2__Z	Z	-89.519	-89.538	0.025	-0.025	0.019	+++

#BO_SD2__X	X	91.440	91.458	0.025	-0.025	-0.018	---
#BO_SD2__D	D	15.990	16.000	0.000	-0.018	-0.010	-
#BO_SD2__P	td	0.051	0.050				0.001
#BO_SR2__Z	Z	-56.711	-56.700	0.050	-0.050	-0.011	-
#BO_SR2__X	X	42.715	42.733	0.050	-0.050	-0.018	--
#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
#BO_SR2__P	td	0.041	0.100				++
#BO_SR3__Z	Z	64.880	64.900	0.050	-0.050	-0.020	--
#BO_SR3__X	X	-28.885	-28.887	0.050	-0.050	0.002	+
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.040	0.100				++
#BO_SR4__Z	Z	94.174	94.176	0.050	-0.050	-0.002	-
#BO_SR4__X	X	-70.199	-70.200	0.050	-0.050	0.001	+
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.005	0.100				+
#BO_SR5__Z	Z	-106.812	-106.831	0.050	-0.050	0.019	++
#BO_SR5__X	X	35.300	35.302	0.050	-0.050	-0.002	-
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR5__P	td	0.038	0.100				++
#BO_P__Z	Z	104.540	104.550	0.050	-0.050	-0.010	-
#BO_P__X	X	-117.242	-117.257	0.050	-0.050	0.015	++
#BO_P__D	D	18.008	18.000	0.018	0.000	0.008	-
#BO_P__P	td	0.035	0.100				++
#FL_P__1Y	Y	24.520	24.540	0.100	-0.100	-0.020	-
#FL_P__2Y	Y	38.139	38.140	0.050	-0.050	-0.001	-
#BO_P1__Z	Z	41.010	41.011	0.050	-0.050	-0.001	-
#BO_P1__X	X	-196.959	-196.986	0.050	-0.050	0.027	+++
#BO_P1__D	D	12.042	12.000	0.050	0.032	0.042	+
#BO_P1__P	td	0.054	0.100				+++
#FL_P1__1Y	Y	24.742	24.740	0.050	-0.050	0.002	+
#GW_E01__Z	Z	67.863	67.800	0.200	-0.200	0.063	++
#GW_E01__X	X	19.513	19.600	0.200	-0.200	-0.087	--
#GW_E01__P	td	0.216	0.400				+++
#GW_E02__Z	Z	163.149	163.270	0.200	-0.200	-0.121	---
#GW_E02__X	X	41.093	41.180	0.200	-0.200	-0.087	--
#GW_E02__P	td	0.298	0.400				+++
#GW_E03__Z	Z	54.110	54.254	0.200	-0.200	-0.144	---
#GW_E03__X	X	157.725	157.900	0.200	-0.200	-0.175	----
#GW_E03__P	td	0.454	0.400				0.054
#GW_E04__Z	Z	-132.917	132.799	0.200	-0.200	0.118	+++
#GW_E04__X	X	133.599	133.635	0.200	-0.200	-0.036	-

#GW_E04__P	td	0.247	0.400				+++
#BO_E1__Z	Z	85.529	85.509	0.030	-0.030	0.020	+++
#BO_E1__X	X	74.512	74.516	0.030	-0.030	-0.004	-
#BO_E1__D	D	34.063	34.050	0.025	0.000	0.013	+
#BO_E1__P	td	0.041	0.060				+++
#BO_E1__2D	D	37.625	37.600	0.039	0.000	0.025	++
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.130	8.114	0.030	-0.030	0.016	+++
#BO_E2__X	X	114.979	114.998	0.030	-0.030	-0.019	---
#BO_E2__D	D	34.062	34.050	0.025	0.000	0.012	+-
#BO_E2__P	td	0.050	0.060				++++
#BO_E2__2D	D	37.626	37.600	0.039	0.000	0.026	++
#BO_E2_CON	td	0.004	0.200				+
#BO_E2_RET	td	0.004	0.050				+
#GW_W2__Z	Z	31.213	31.148	0.200	-0.200	0.065	++
#GW_W2__X	X	30.414	30.509	0.200	-0.200	-0.095	--
#GW_W2__P	td	0.230	0.400				+++
#GW_M1__Z	Z	91.551	91.592	0.200	-0.200	-0.041	-
#GW_M1__X	X	7.906	7.978	0.200	-0.200	-0.072	--
#GW_M1__P	td	0.167	0.400				++
#GW_M4__Z	Z	59.679	59.740	0.200	-0.200	-0.061	--
#GW_M4__X	X	-170.557	-170.500	0.200	-0.200	-0.057	--
#GW_M4__P	td	0.168	0.400				++
#GW_M2__X	X	-30.118	-30.000	0.200	-0.200	-0.118	---
#GW_M2__Y	Y	88.932	89.000	0.200	-0.200	-0.068	--
#GW_M2__P	td	0.273	0.400				+++
#GW_UM18_Z	Z	-119.610	-119.726	0.200	-0.200	0.116	+++
#GW_UM18_X	X	-246.617	-246.662	0.200	-0.200	0.045	+
#GW_UM18_P	td	0.248	0.400				+++
#U18_RETT	td	0.005	0.100				+
#BO_T1__Y	Y	99.088	99.090	0.050	-0.050	-0.002	-
#BO_T1__Z	Z	-0.056	0.000	0.050	-0.050	-0.056	-0.006
#BO_T1__D	D	13.871	13.850	0.043	0.000	0.021	-
#BO_T1__P	td	0.112	0.100				0.012
#GW_T3__Y	Y	-0.033	0.000	0.200	-0.200	-0.033	-
#GW_T3__Z	Z	-20.906	21.000	0.200	-0.200	-0.094	--
#GW_T3__P	td	0.200	0.400				++
#BO_T2__Y	Y	83.507	83.500	0.050	-0.050	0.007	+

#BO_T2__Z	Z	-0.052	0.000	0.050	-0.050	-0.052	-0.002
#BO_T2__D	D	13.872	13.850	0.043	0.000	0.022	+
#BO_T2__P	td	0.106	0.100				0.006
#GW_T4__Y	Y	-0.131	0.000	0.200	-0.200	-0.131	---
#GW_T4__Z	Z	18.413	18.500	0.200	-0.200	-0.087	--
#GW_T4__P	td	0.314	0.400				++++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 19.12.09

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No. |Indice |PROV.MAC |ZEISS |TIPO MISURA
 G_TR_315__FO.21 | h | Bz - |Cx ZEISS 1 |TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Partipilo | 6. 9.2012 | PZ 3 | 315_FO.21 | | 17:25:13

TEMP. PEZZO 23.26

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA	t		0.033	0.050				+++
#H_PLA/100	t		0.008	0.030				++
#BO_J_Z	Z		146.857	146.846	0.030	-0.030	0.011	++
#BO_J_X	X		76.163	76.161	0.030	-0.030	0.002	+
#BO_J_D	D		9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P	td		0.021	0.060				++
#BO_R_Z	Z		-175.972	-176.000	0.030	-0.030	0.028	++++
#BO_R_X	X		-70.491	-70.500	0.030	-0.030	0.009	++
#BO_R_D	D		9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P	td		0.058	0.060				++++
#BO_D__1D	D		62.008	62.000	0.019	0.000	0.008	-
#BO_L__1Z	Z		-70.332	-70.330	0.025	-0.025	-0.002	-
#BO_L__1X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__1D	D		62.007	62.000	0.030	0.000	0.007	---
#BO_L__2Z	Z		-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__2X	X		-38.119	-38.127	0.025	-0.025	0.008	++
#BO_L__2D	D		62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P	td		0.017	0.050				++
#FL_L1__Y	Y		192.029	192.000	0.050	-0.050	0.029	+++
#BO_S__1Z	Z		15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__1D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z	Z		15.892	15.906	0.025	-0.025	-0.014	---
#BO_S__2X	X		-94.675	-94.673	0.025	-0.025	-0.002	-
#BO_S__2D	D		62.008	62.000	0.030	0.000	0.008	--
#BO_S__1P	td		0.027	0.050				+++
#BO_F__1Z	Z		-89.600	-89.601	0.025	-0.025	0.001	+
#BO_F__1X	X		-165.265	-165.274	0.025	-0.025	0.009	++
#BO_F__1D	D		65.057	65.000	0.080	0.061	0.057	-0.004
#BO_F__2Z	Z		-89.601	-89.601	0.025	-0.025	0.000	+-
#BO_F__2X	X		-165.265	-165.274	0.025	-0.025	0.009	++

#BO_F__2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__1P	td	0.019	0.050				++
#FL_F1__Y	Y	26.055	26.100	0.080	-0.080	-0.045	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.008	0.010				++++
#BO_L_ROT	t	0.009	0.010				++++
#BO_S_ROT	t	0.010	0.010				0.000
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.003	0.006				++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.598	128.600	0.025	-0.025	-0.002	-
#BO_F/S_PO	R	126.932	126.950	0.025	-0.025	-0.018	---
#BO_D/S_PO	R	96.000	96.000	0.025	-0.025	0.000	+-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.989	188.000	0.025	-0.025	-0.011	--
#BO_DG1__Z	Z	87.724	87.732	0.025	-0.025	-0.008	--
#BO_DG1__X	X	20.229	20.223	0.025	-0.025	0.006	+
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.020	0.050				++
#BO_DG2__Z	Z	62.139	62.138	0.025	-0.025	0.001	+
#BO_DG2__X	X	53.527	53.523	0.025	-0.025	0.004	+
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG2__P	td	0.008	0.050				+
#BO_DG3__Z	Z	4.559	4.545	0.025	-0.025	0.014	+++
#BO_DG3__X	X	83.788	83.787	0.025	-0.025	0.001	+
#BO_DG3__D	D	8.025	8.000	0.040	0.025	0.025	----
#BO_DG3__P	td	0.029	0.050				+++
#BO_DG4__Z	Z	-37.424	-37.437	0.025	-0.025	0.013	+++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG4__P	td	0.027	0.050				+++
#BO_SD1__Z	Z	122.728	122.758	0.025	-0.025	-0.030	-0.005
#BO_SD1__X	X	-18.884	-18.886	0.025	-0.025	0.002	+
#BO_SD1__D	D	15.997	16.000	0.000	-0.018	-0.003	+++
#BO_SD1__P	td	0.061	0.050				0.011
#BO_SD2__Z	Z	-89.527	-89.538	0.025	-0.025	0.011	++

#BO_SD2__X	X	91.487	91.458	0.025	-0.025	0.029	0.004
#BO_SD2__D	D	15.995	16.000	0.000	-0.018	-0.005	++
#BO_SD2__P	td	0.062	0.050				0.012
#BO_SR2__Z	Z	-56.694	-56.700	0.050	-0.050	0.006	+
#BO_SR2__X	X	42.742	42.733	0.050	-0.050	0.009	+
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR2__P	td	0.022	0.100				+
#BO_SR3__Z	Z	64.878	64.900	0.050	-0.050	-0.022	--
#BO_SR3__X	X	-28.885	-28.887	0.050	-0.050	0.002	+
#BO_SR3__D	D	13.009	13.000	0.018	0.000	0.009	+-
#BO_SR3__P	td	0.044	0.100				++
#BO_SR4__Z	Z	94.147	94.176	0.050	-0.050	-0.029	---
#BO_SR4__X	X	-70.207	-70.200	0.050	-0.050	-0.007	-
#BO_SR4__D	D	10.017	10.000	0.015	0.000	0.017	0.002
#BO_SR4__P	td	0.060	0.100				+++
#BO_SR5__Z	Z	-106.824	-106.831	0.050	-0.050	0.007	+
#BO_SR5__X	X	35.316	35.302	0.050	-0.050	0.014	++
#BO_SR5__D	D	10.006	10.000	0.015	0.000	0.006	-
#BO_SR5__P	td	0.030	0.100				++
#BO_P__Z	Z	104.548	104.550	0.050	-0.050	-0.002	-
#BO_P__X	X	-117.237	-117.257	0.050	-0.050	0.020	++
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.040	0.100				++
#FL_P__1Y	Y	24.539	24.540	0.100	-0.100	-0.001	-
#FL_P__2Y	Y	38.094	38.140	0.050	-0.050	-0.046	----
#BO_P1__Z	Z	41.011	41.011	0.050	-0.050	0.000	+-
#BO_P1__X	X	-196.957	-196.986	0.050	-0.050	0.029	+++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.058	0.100				+++
#FL_P1__1Y	Y	24.782	24.740	0.050	-0.050	0.042	++++
#GW_E01__Z	Z	67.775	67.800	0.200	-0.200	-0.025	-
#GW_E01__X	X	19.595	19.600	0.200	-0.200	-0.005	-
#GW_E01__P	td	0.051	0.400				+
#GW_E02__Z	Z	163.123	163.270	0.200	-0.200	-0.147	---
#GW_E02__X	X	41.192	41.180	0.200	-0.200	0.012	+
#GW_E02__P	td	0.296	0.400				+++
#GW_E03__Z	Z	54.155	54.254	0.200	-0.200	-0.099	--
#GW_E03__X	X	157.878	157.900	0.200	-0.200	-0.022	-
#GW_E03__P	td	0.203	0.400				+++
#GW_E04__Z	Z	-132.915	132.799	0.200	-0.200	0.116	+++
#GW_E04__X	X	133.791	133.635	0.200	-0.200	0.156	++++

#GW_E04__P	td	0.389	0.400				++++
#BO_E1__Z	Z	85.518	85.509	0.030	-0.030	0.009	++
#BO_E1__X	X	74.525	74.516	0.030	-0.030	0.009	++
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E1__P	td	0.026	0.060				++
#BO_E1__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E1_CON	td	0.004	0.200				+
#BO_E1_RET	td	0.005	0.050				+
#BO_E2__Z	Z	8.129	8.114	0.030	-0.030	0.015	+++
#BO_E2__X	X	115.005	114.998	0.030	-0.030	0.007	+
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.034	0.060				+++
#BO_E2__2D	D	37.623	37.600	0.039	0.000	0.023	+
#BO_E2_CON	td	0.006	0.200				+
#BO_E2_RET	td	0.006	0.050				+
#GW_W2__Z	Z	31.155	31.148	0.200	-0.200	0.007	+
#GW_W2__X	X	30.427	30.509	0.200	-0.200	-0.082	--
#GW_W2__P	td	0.165	0.400				++
#GW_M1__Z	Z	91.612	91.592	0.200	-0.200	0.020	+
#GW_M1__X	X	7.924	7.978	0.200	-0.200	-0.054	--
#GW_M1__P	td	0.116	0.400				++
#GW_M4__Z	Z	59.693	59.740	0.200	-0.200	-0.047	-
#GW_M4__X	X	-170.512	-170.500	0.200	-0.200	-0.012	-
#GW_M4__P	td	0.096	0.400				+
#GW_M2__X	X	-29.922	-30.000	0.200	-0.200	0.078	++
#GW_M2__Y	Y	89.056	89.000	0.200	-0.200	0.056	++
#GW_M2__P	td	0.192	0.400				++
#GW_UM18_Z	Z	-119.733	-119.726	0.200	-0.200	-0.007	-
#GW_UM18_X	X	-246.617	-246.662	0.200	-0.200	0.045	+
#GW_UM18_P	td	0.091	0.400				+
#U18_RETT	td	0.006	0.100				+
#BO_T1__Y	Y	99.098	99.090	0.050	-0.050	0.008	+
#BO_T1__Z	Z	0.017	0.000	0.050	-0.050	0.017	++
#BO_T1__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T1__P	td	0.038	0.100				++
#GW_T3__Y	Y	-0.045	0.000	0.200	-0.200	-0.045	-
#GW_T3__Z	Z	-20.941	21.000	0.200	-0.200	-0.059	--
#GW_T3__P	td	0.149	0.400				++
#BO_T2__Y	Y	83.509	83.500	0.050	-0.050	0.009	+

#BO_T2__Z	Z	0.019	0.000	0.050	-0.050	0.019	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.041	0.100				++
#GW_T4__Y	Y	0.080	0.000	0.200	-0.200	0.080	++
#GW_T4__Z	Z	18.543	18.500	0.200	-0.200	0.043	+
#GW_T4__P	td	0.181	0.400				++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 17.50.55

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PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

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DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Partipilo	6. 9.2012	PZ 1	315_FO.21	16:50: 2

TEMP. PEZZO 25.90

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#FL_H_PLA		t	0.022	0.050				++
#H_PLA/100		t	0.010	0.030				++
#BO_J_Z		Z	146.859	146.846	0.030	-0.030	0.013	++
#BO_J_X		X	76.169	76.161	0.030	-0.030	0.008	++
#BO_J_D		D	9.997	10.000	0.005	-0.010	-0.003	-
#BO_J_P		td	0.030	0.060				+++
#BO_R_Z		Z	-175.975	-176.000	0.030	-0.030	0.025	++++
#BO_R_X		X	-70.487	-70.500	0.030	-0.030	0.013	++
#BO_R_D		D	9.997	10.000	0.005	-0.010	-0.003	+-
#BO_R_P		td	0.057	0.060				++++
#BO_D__1D		D	62.007	62.000	0.019	0.000	0.007	-
#BO_L__1Z		Z	-70.331	-70.330	0.025	-0.025	-0.001	-
#BO_L__1X		X	-38.117	-38.127	0.025	-0.025	0.010	++
#BO_L__1D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__2Z		Z	-70.330	-70.330	0.025	-0.025	-0.000	+-
#BO_L__2X		X	-38.118	-38.127	0.025	-0.025	0.009	++
#BO_L__2D		D	62.010	62.000	0.030	0.000	0.010	--
#BO_L__1P		td	0.021	0.050				++
#FL_L1__Y		Y	192.034	192.000	0.050	-0.050	0.034	+++
#BO_S__1Z		Z	15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__1X		X	-94.673	-94.673	0.025	-0.025	-0.000	+-
#BO_S__1D		D	62.008	62.000	0.030	0.000	0.008	--
#BO_S__2Z		Z	15.893	15.906	0.025	-0.025	-0.013	---
#BO_S__2X		X	-94.672	-94.673	0.025	-0.025	0.001	+
#BO_S__2D		D	62.007	62.000	0.030	0.000	0.007	---
#BO_S__1P		td	0.025	0.050				+++
#BO_F__1Z		Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__1X		X	-165.257	-165.274	0.025	-0.025	0.017	+++
#BO_F__1D		D	65.058	65.000	0.080	0.061	0.058	-0.003
#BO_F__2Z		Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F__2X		X	-165.258	-165.274	0.025	-0.025	0.016	+++

#BO_F__2D	D	65.060	65.000	0.080	0.061	0.060	-0.001
#BO_F__1P	td	0.033	0.050				+++
#FL_F1__Y	Y	26.056	26.100	0.080	-0.080	-0.044	---
#BO_F3_D	D	55.022	55.000	0.046	0.000	0.022	-
#BO_D_ROT	t	0.012	0.010				0.002
#BO_L_ROT	t	0.010	0.010				++++
#BO_S_ROT	t	0.010	0.010				++++
#BO_F_ROT	t	0.013	0.010				0.003
#BO_D_LIN	tx	0.006	0.006				++++
#BO_S_LIN	tx	0.002	0.006				++
#BO_L_LIN	tx	0.002	0.006				++
#BO_F_LIN	tx	0.004	0.006				+++
#BO_F/L_PO	R	128.593	128.600	0.025	-0.025	-0.007	--
#BO_F/S_PO	R	126.931	126.950	0.025	-0.025	-0.019	----
#BO_D/S_PO	R	95.999	96.000	0.025	-0.025	-0.001	-
#BO_D/L_PO	R	79.995	80.000	0.025	-0.025	-0.005	-
#BO_D/F_PO	R	187.986	188.000	0.025	-0.025	-0.014	---
#BO_DG1__Z	Z	87.728	87.732	0.025	-0.025	-0.004	-
#BO_DG1__X	X	20.231	20.223	0.025	-0.025	0.008	++
#BO_DG1__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG1__P	td	0.017	0.050				++
#BO_DG2__Z	Z	62.142	62.138	0.025	-0.025	0.004	+
#BO_DG2__X	X	53.530	53.523	0.025	-0.025	0.007	++
#BO_DG2__D	D	8.025	8.000	0.040	0.025	0.025	-0.000
#BO_DG2__P	td	0.017	0.050				++
#BO_DG3__Z	Z	4.563	4.545	0.025	-0.025	0.018	+++
#BO_DG3__X	X	83.790	83.787	0.025	-0.025	0.003	+
#BO_DG3__D	D	8.026	8.000	0.040	0.025	0.026	----
#BO_DG3__P	td	0.038	0.050				++++
#BO_DG4__Z	Z	-37.422	-37.437	0.025	-0.025	0.015	+++
#BO_DG4__X	X	84.998	84.997	0.025	-0.025	0.001	+
#BO_DG4__D	D	10.034	10.000	0.040	0.025	0.034	+
#BO_DG4__P	td	0.031	0.050				+++
#BO_SD1__Z	Z	122.739	122.758	0.025	-0.025	-0.019	---
#BO_SD1__X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
#BO_SD1__D	D	15.998	16.000	0.000	-0.018	-0.002	++++
#BO_SD1__P	td	0.037	0.050				+++
#BO_SD2__Z	Z	-89.515	-89.538	0.025	-0.025	0.023	++++

#BO_SD2__X	X	91.479	91.458	0.025	-0.025	0.021	++++
#BO_SD2__D	D	15.996	16.000	0.000	-0.018	-0.004	+++
#BO_SD2__P	td	0.061	0.050				0.011
#BO_SR2__Z	Z	-56.683	-56.700	0.050	-0.050	0.017	++
#BO_SR2__X	X	42.731	42.733	0.050	-0.050	-0.002	-
#BO_SR2__D	D	13.123	13.000	0.018	0.000	0.123	0.105
#BO_SR2__P	td	0.034	0.100				++
#BO_SR3__Z	Z	64.887	64.900	0.050	-0.050	-0.013	--
#BO_SR3__X	X	-28.894	-28.887	0.050	-0.050	-0.007	-
#BO_SR3__D	D	13.133	13.000	0.018	0.000	0.133	0.115
#BO_SR3__P	td	0.029	0.100				++
#BO_SR4__Z	Z	94.154	94.176	0.050	-0.050	-0.022	--
#BO_SR4__X	X	-70.198	-70.200	0.050	-0.050	0.002	+
#BO_SR4__D	D	10.007	10.000	0.015	0.000	0.007	-
#BO_SR4__P	td	0.044	0.100				++
#BO_SR5__Z	Z	-106.818	-106.831	0.050	-0.050	0.013	++
#BO_SR5__X	X	35.313	35.302	0.050	-0.050	0.011	+
#BO_SR5__D	D	10.007	10.000	0.015	0.000	0.007	+-
#BO_SR5__P	td	0.034	0.100				++
#BO_P__Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#BO_P__X	X	-117.239	-117.257	0.050	-0.050	0.018	++
#BO_P__D	D	18.011	18.000	0.018	0.000	0.011	+
#BO_P__P	td	0.039	0.100				++
#FL_P__1Y	Y	24.543	24.540	0.100	-0.100	0.003	+
#FL_P__2Y	Y	38.095	38.140	0.050	-0.050	-0.045	----
#BO_P1__Z	Z	41.021	41.011	0.050	-0.050	0.010	+
#BO_P1__X	X	-196.958	-196.986	0.050	-0.050	0.028	+++
#BO_P1__D	D	12.044	12.000	0.050	0.032	0.044	++
#BO_P1__P	td	0.059	0.100				+++
#FL_P1__1Y	Y	24.783	24.740	0.050	-0.050	0.043	++++
#GW_E01__Z	Z	67.761	67.800	0.200	-0.200	-0.039	-
#GW_E01__X	X	19.565	19.600	0.200	-0.200	-0.035	-
#GW_E01__P	td	0.105	0.400				++
#GW_E02__Z	Z	163.117	163.270	0.200	-0.200	-0.153	----
#GW_E02__X	X	41.192	41.180	0.200	-0.200	0.012	+
#GW_E02__P	td	0.308	0.400				++++
#GW_E03__Z	Z	54.120	54.254	0.200	-0.200	-0.134	---
#GW_E03__X	X	157.886	157.900	0.200	-0.200	-0.014	-
#GW_E03__P	td	0.269	0.400				+++
#GW_E04__Z	Z	-132.962	132.799	0.200	-0.200	0.163	++++
#GW_E04__X	X	133.765	133.635	0.200	-0.200	0.130	+++

#GW_E04__P	td	0.417	0.400				0.017
#BO_E1__Z	Z	85.526	85.509	0.030	-0.030	0.017	+++
#BO_E1__X	X	74.522	74.516	0.030	-0.030	0.006	+
#BO_E1__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E1__P	td	0.037	0.060				+++
#BO_E1__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E1_CON	td	0.003	0.200				+
#BO_E1_RET	td	0.004	0.050				+
#BO_E2__Z	Z	8.138	8.114	0.030	-0.030	0.024	++++
#BO_E2__X	X	115.001	114.998	0.030	-0.030	0.003	+
#BO_E2__D	D	34.066	34.050	0.025	0.000	0.016	++
#BO_E2__P	td	0.049	0.060				++++
#BO_E2__2D	D	37.622	37.600	0.039	0.000	0.022	+
#BO_E2_CON	td	0.006	0.200				+
#BO_E2_RET	td	0.006	0.050				+
#GW_W2__Z	Z	31.176	31.148	0.200	-0.200	0.028	+
#GW_W2__X	X	30.439	30.509	0.200	-0.200	-0.070	--
#GW_W2__P	td	0.151	0.400				++
#GW_M1__Z	Z	91.590	91.592	0.200	-0.200	-0.002	-
#GW_M1__X	X	7.937	7.978	0.200	-0.200	-0.041	-
#GW_M1__P	td	0.083	0.400				+
#GW_M4__Z	Z	59.674	59.740	0.200	-0.200	-0.066	--
#GW_M4__X	X	-170.482	-170.500	0.200	-0.200	0.018	+
#GW_M4__P	td	0.137	0.400				++
#GW_M2__X	X	-29.917	-30.000	0.200	-0.200	0.083	++
#GW_M2__Y	Y	89.057	89.000	0.200	-0.200	0.057	++
#GW_M2__P	td	0.201	0.400				+++
#GW_UM18_Z	Z	-119.721	-119.726	0.200	-0.200	0.005	+
#GW_UM18_X	X	-246.602	-246.662	0.200	-0.200	0.060	++
#GW_UM18_P	td	0.120	0.400				++
#U18_RETT	td	0.008	0.100				+
#BO_T1__Y	Y	99.098	99.090	0.050	-0.050	0.008	+
#BO_T1__Z	Z	0.015	0.000	0.050	-0.050	0.015	++
#BO_T1__D	D	13.869	13.850	0.043	0.000	0.019	-
#BO_T1__P	td	0.034	0.100				++
#GW_T3__Y	Y	-0.035	0.000	0.200	-0.200	-0.035	-
#GW_T3__Z	Z	-20.951	21.000	0.200	-0.200	-0.049	-
#GW_T3__P	td	0.120	0.400				++
#BO_T2__Y	Y	83.508	83.500	0.050	-0.050	0.008	+

#BO_T2__Z	Z	0.019	0.000	0.050	-0.050	0.019	++
#BO_T2__D	D	13.870	13.850	0.043	0.000	0.020	-
#BO_T2__P	td	0.041	0.100				++
#GW_T4__Y	Y	0.106	0.000	0.200	-0.200	0.106	+++
#GW_T4__Z	Z	18.513	18.500	0.200	-0.200	0.013	+
#GW_T4__P	td	0.213	0.400				+++

Pag. 5

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/09/12 17.24.26

=====

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio |

CICLO CNC

=====

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
G_TR_315__FO.21	h	Bz -	Cx ZEISS 1	MIS. PERIODICA
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Santorsola	7.11.2012	.	315_FO.21	7: 6:31

TEMP. PEZZO 22.74

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
#ANG1_SD1	Z/X A2		9.400	9.100	0.300	0.300	0.300	----
#ANG2_SD1	XY/Z A2		102.414	100.000	3.000	-3.000	2.414	++++
#ANG3__SD1	X/Z A1		25.912	25.900	0.300	-0.300	0.012	+
#ANG4__SD1	Y/X A1		100.281	100.000	3.000	-3.000	0.281	+
#RAG3/4SD1	D		6.025	6.000	0.300	-0.300	0.025	+
#RAG3/4SD1	D		3.013	3.000	0.200	-0.200	0.013	+
#RAG3/4SD1	 D 		6.897 	6.900 	0.200 	-0.200 	0.003 	
#RAG1/2SD1	D		3.200	3.000	0.200	-0.200	0.200	++++

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 07/11/12 9.13.06

=====

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Cambio {

CICLO CNC

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=====
DISEGNO No.      |Indice  |PROV.MAC  |ZEISS      |TIPO MISURA
G_TR_315__FO.21 | h      | Bz  -    |Cx ZEISS 1 |TEST
OPERATORE       | DATA  | NUMERO PART. |PROGRAMMA  |PALETTE |TIME
Santorsola     | 6.11.2012 | .          |315_FO.21  |        |10:41:26
```

TEMP. PEZZO 23.05

```
=====
IND|  NOMI  / IDF |SY| VAL ATT | VAL NOM | TOL.S | TOL.I | DEV  | MAG
=====
#FL_RAG_T3      |D |  11.034|  11.000|  0.200| -0.200|  0.034|  +
#FL_RAG_T1      |D |  10.807|  11.000|  0.200| -0.200| -0.193| ----
#FL_RAG_T4      |D |  11.193|  11.000|  0.200| -0.200|  0.193| ++++
#FL_OL__D      |D |  28.300|  28.000|  0.300| -0.300|  0.300| ++++
```

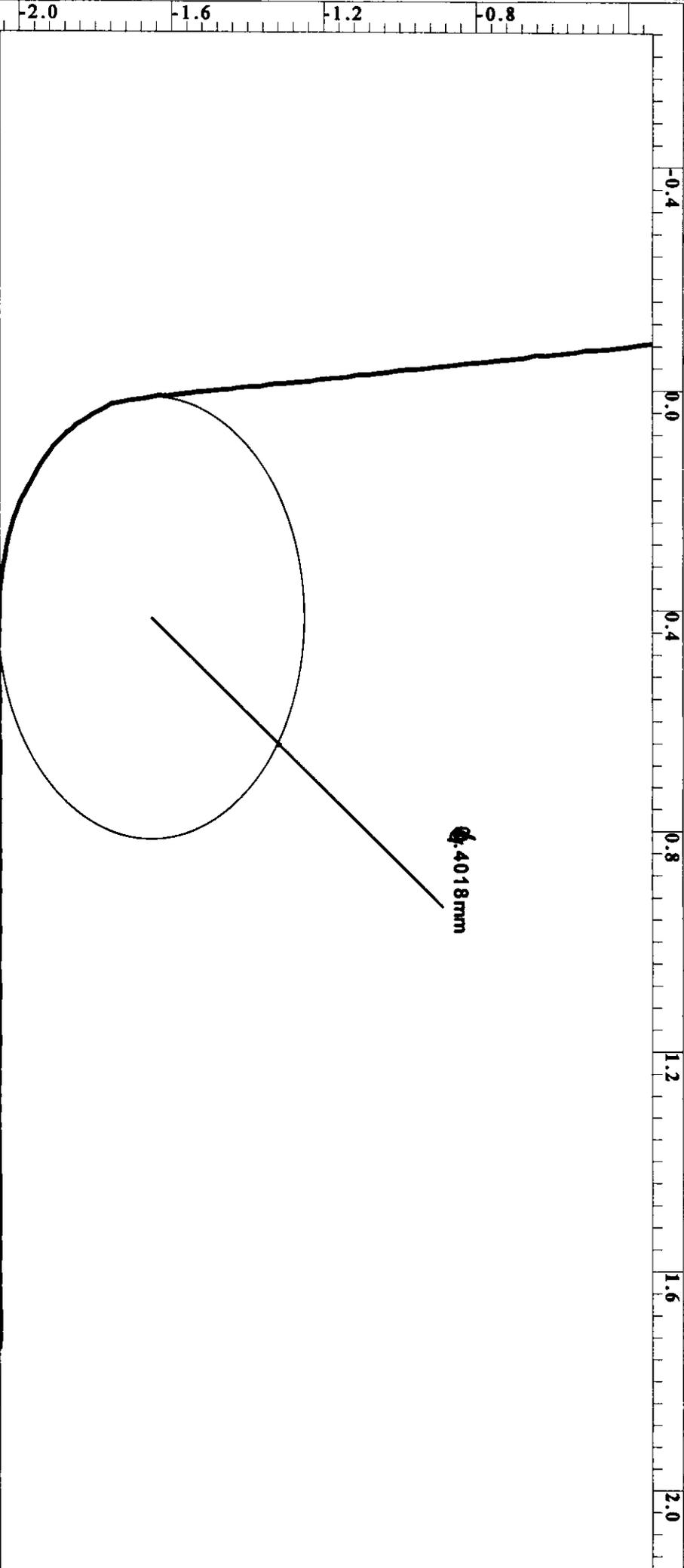
Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/11/12 11.58.09

SCATOLA CAMBIO M5MT
FPOFILO FLANGIA T4 CONTORNO
SEZ. 13-F FOGLIO 4
TURNNO A

12/11/06 11:34:30

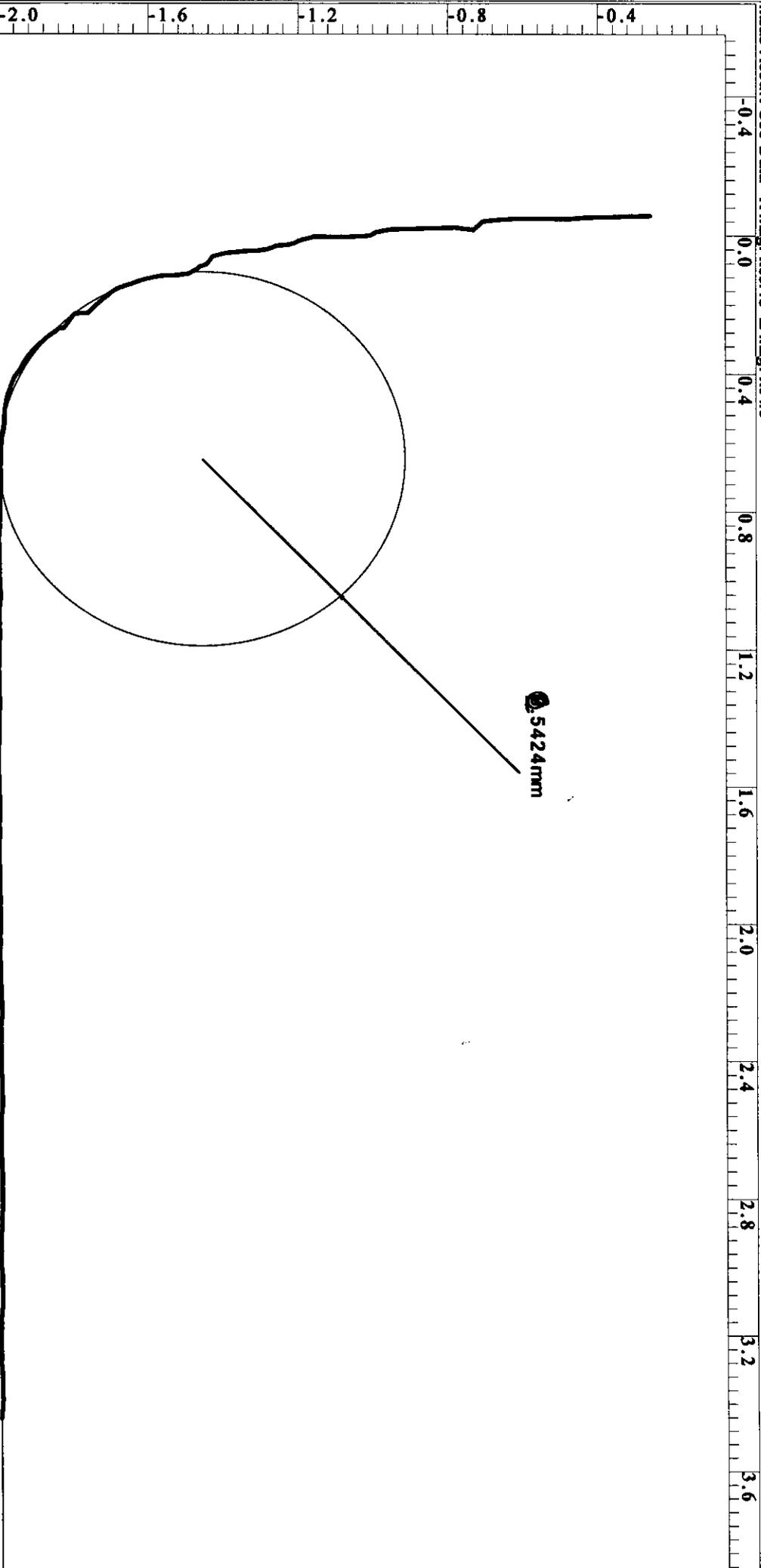
Mbas Result Geo Data X Meg: x96.59 Z Meg: x86.07



**SCATOLA CAMBIO M5MT
PROFILO LAMATURA M1
SEZ.2-L FOGLIO 4
TURNO A**

12/11/06 09:56:23

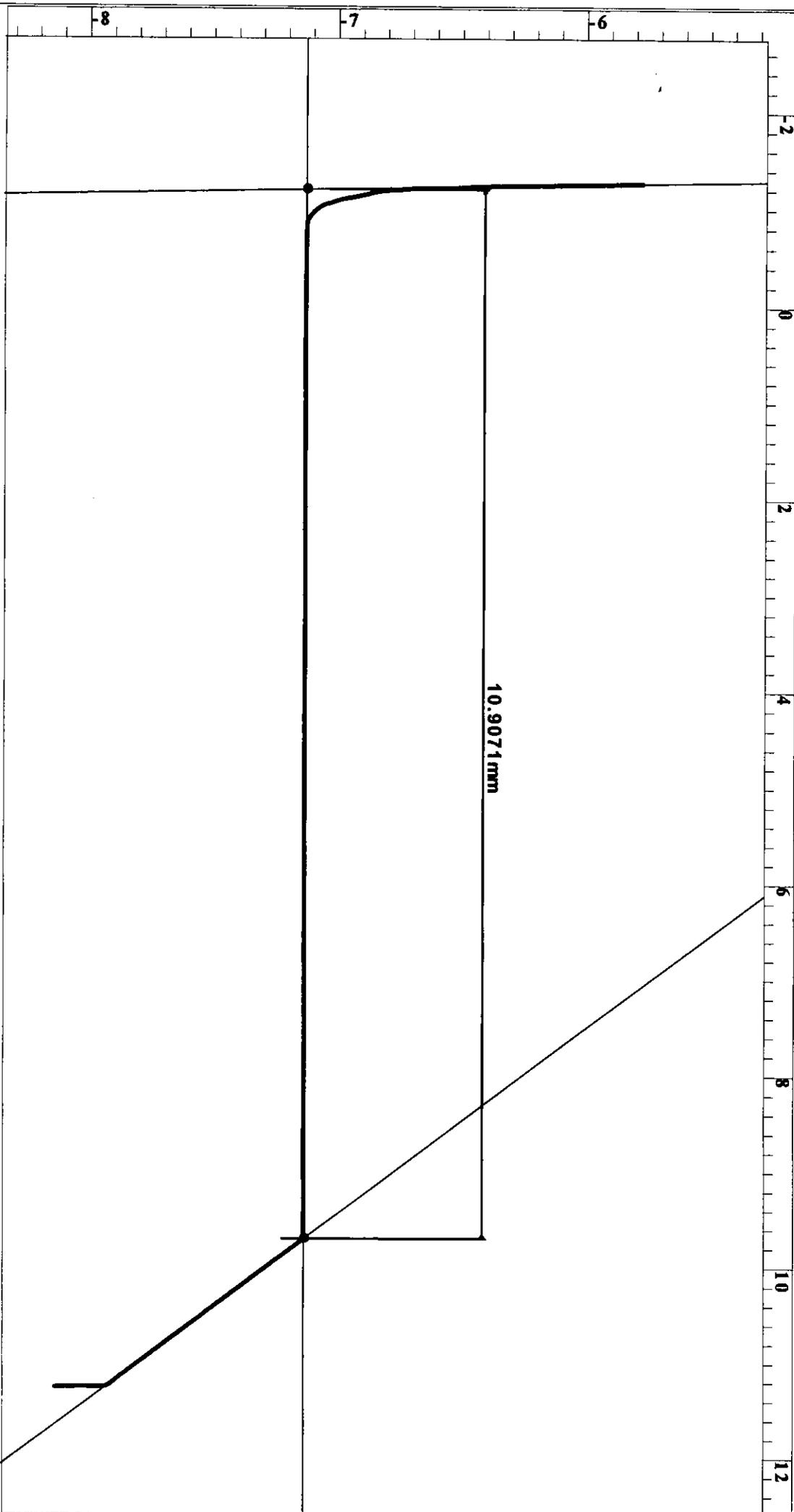
Meas Result Geo Data X Mag: x60.19 Z Mag: x64.9



**SCATOLA CAMBIO MSMT
PROFILO FORO L
SEZ. L-S FOGLIO 2
TURNNO A**

12/11/06 07:05:23

Meas Result Geo Data X Meq: x17.55 Z Meq: x44.98



FOCALO 2

φ F 65: 30° ✓
 R 0,4 ✓
 13,8 ✓
 ✓

S 30° ✓
 1 ± 0,3 ✓
 12 ✓
 ✓

▷ 30° ✓
 R 0,4 ✓ × 2
 ✓
 4,55 ✓

φ F 64 30' ✓
 5 ± 0,2 ✓

R 30° ✓
 1 ± 0,3 ✓
 12 ✓
 ✓

14,3 ✓
 177,2 ✓
 189,5 ✓

φ F 55 27° ✓
 1 ± 0,3 ✓
 R 94 ✓

L-S 30° ✓
 R 0,4 ✓
 10,7 ✓
 12,5 ✓
 110/182 ✓
 ✓

FL-H ✓

Solo 1 pz
~~R 0,4~~
~~10,7~~

FOCALO 3

▷ 30° ✓
 1 ± 0,3 ✓
 ✓
 20,5 ✓
 24,74 ✓
 ✓

P 30° ✓
 1 ± 0,3 ✓
 ✓
 R 0,8 ✓
 24,54 ✓
 38,14 ✓

E1-E2
 60° ✓
 30° ✓
 20° ✓
 R 1 ± 0,3 ✓
 21,21 ✓
 27,36 ✓
 28,96 ✓
 ✓

SR 5-1
 30° ✓ ✓
 15,8 ✓
 163,3 ✓
 R 0,8 ✓ How reasonable

SR 2-6
 30° ✓
 10,8 How reasonable
 185,8 ✓
 R 0,8 ✓

SR 3
 30° ✓
 10,8 How reasonable
 178,3 ✓
 R 0,8 ✓

DC 1
 30° ✓
 1 ± 0,3 ✓

SR R-4
 30° ✓ ✓
 R 0,8 ✓ How reasonable
 15,8 ✓
 149,8 ✓
 192 ✓ R 0,8 ✓
 28,55 ✓ ✓

DG 2
 30°
 1±0,3
 14
 21,85
 √ How
 result
 R 0,8

DG 3
 30°
 1±0,3
 R 0,8
 √ How
 result
 14
 21,85

DG 4
 30°
 1±0,3
 R 0,8
 √
 18
 28,55

SD 1
 45°
 2±0,3
 √
 R 0,8
 63,7
 50,8
 09,1
 R 0,4

SD 2
 45°
 2±0,3
 √
 R 0,8
 R 0,4
 54,1
 53,7
 40,8

ES 1 ~ ES 2
 24 MAX
 20 MAX
 70,7
 32

SD 1 How
 result
 100°
 R 3

SD 2 How
 result
 100°
 R 3

FOG W 4
 OL
 30°
 18,65
 37,2

W 2
 18 MAX
 16 MW

M 4 26 MW
 34 MAX
 135,77
 T 2 15°
 2,8

T 1
 15°
 2,8
 T 3 16 MW
 18 MAX
 87

M 2 26,5 MW
 34 MAX
 128

M 3 26,5 MW
 34 MAX
 135

T 4 18 MAX
 16 MW

"F" Ø 68 ALTEZZA 13.8h7

"L" ALTEZZE

191.97 (192 ± 0,08)

12,50 (12,8 ± 0,07)

170,2 \$ (170,2 ± 0,05)

"D" 194,45 (194,8 ± 0,08)

"D" 177,19 (177,2 ± 0,1)

ALTEZZA SD2 54,40 (54,7 ± 0,2)

ALTEZZA SD2 53,6 (53,7 ± 0,2)

ALTEZZA FLANCA SD2 DAI 40,9 (40,9 ± 0,05)

SD3 FUNCIANO H 50,85 (50,8 ± 0,05)

ALTEZZA SD1 63,58 (63,7 ± 0,2)

ALTEZZA SD1 DAI = 64,13 (64,1 ± 0,2)

~~ALTEZZA FC H 20,41 (20,5 ± 0,05)~~

ALTEZZA FC H 24,78 (24,74 ± 0,05)

~~ALTEZZA di Pede H 38,09 (38,14 ± 0,05)~~

~~ALTEZZA FC H 24,53 (24,54 ± 0,1)~~

ALTEZZA FC H 19,21 (19,2 ± 0,05)

ALTEZZA FC H - BUCO D61 28,57 (28,55 ± 0,2)

ALTEZZA FC H 14,01 (14 ± 0,05)

ALTEZZA FC H 22,01 (21,95 ± 0,2)

ALTEZZA FC H 14,01 (14 ± 0,05)

ALTEZZA FC H 22,01 (21,95 ± 0,2)

ALTEZZA FC H 19,22 (19,2 ± 0,05)

ALTEZZA FC H 28,56 (28,55 ± 0,2)

SR6-H 114,80 (114,8 ± 0,2)

SR3-H 128,30 (128,3 ± 0,2)

SR2-6 A-H 195,85 (195,8 ± 0,2)

SR5-1 A-H 163,38 (163,3 ± 0,2)

~~65 Re 4,25~~

L-S Re 0,8

SD1-SD2 Re 3,5

ES1 PROF. 23,5 FILET. 20,00

ES2 PROF. 23,8 FILET. 20,00

ALTEZZA ES2 32,05 (32,00 ± 0,05)

Ø STUSSO SAINO OMO 18,7/8

W2 PROF. 18,0

M2-3-9 PROF. MAX 31,00

T4 PROF. 18,0

T3 PROF. 18,0