

310931



Production Part Approval
DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00							
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING							
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'							
					Engineering Change Documents:							
					Organization Measurement Results (Data)					Ok	Not Ok	
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
1	Altezza flange G - H	179.840	179.760		5	179.809	179.837	179.815	179.834	179.816	ok	
2	Planarità flangia H	0.000	0.050		5	0.014	0.018	0.015	0.046	0.015	ok	
2	Planarità flangia H/100	0.000	0.030		5	0.016	0.011	0.010	0.007	0.008	ok	
3	Diametro J - R	10.028	10.013		5	10.013	10.013	10.013	10.013	10.013	ok	
4	Posizione J - R	0.000	0.060		5	0.027	0.023	0.031	0.020	0.033	ok	
4	Perpendicolarità J - R rispetto H	0.000	0.030		5	0.004	0.002	0.002	0.005	0.002	ok	
5	Diametro L - S	59.965	59.946		5	59.949	59.953	59.951	59.947	59.949	ok	
6	Posizione L - S	0.000	0.050		5	0.019	0.019	0.023	0.015	0.018	ok	
7	Perpendicolarità L - S rispetto H	0.000	0.030		5	0.010	0.008	0.014	0.014	0.012	ok	
8	Diametro D	62.000	62.019		5	62.015	62.015	62.014	62.011	62.013	ok	
9	Diametro F Ø65	65.080	65.061		5	65.074	65.075	65.074	65.072	65.072	ok	
10	Posizione F Ø65	0.000	0.050		5	0.003	0.006	0.003	0.016	0.004	ok	
11	Perpendicolarità F Ø65 rispetto H	0.000	0.030		5	0.006	0.004	0.008	0.008	0.007	ok	
12	Altezza F Ø65	107.920	107.040		5	107.074	107.067	107.073	107.065	107.076	ok	
13	Diametro F2	55.000	55.046		5	55.040	55.042	55.040	55.038	55.038	ok	
14	Rotondità D	0.000	0.010		5	0.005	0.007	0.004	0.003	0.003	ok	
14	Linearità D	0.000	0.006		5	0.006	0.006	0.006	0.006	0.007	ok	
15	Rotondità L - S	0.000	0.010		5	0.007	0.008	0.008	0.011	0.008	ok	
15	Linearità L - S	0.000	0.006		5	0.006	0.006	0.005	0.008	0.007	ok	
16	Rotondità F	0.000	0.010		5	0.008	0.005	0.008	0.010	0.009	ok	
16	Linearità F	0.000	0.006		5	0.006	0.006	0.005	0.006	0.008	ok	
17	Interasse F/L	128.575	128.625		5	128.606	128.608	128.603	128.064	128.603	ok	
18	Interasse F/S	126.925	126.975		5	126.955	126.954	126.953	126.956	126.953	ok	
19	Interasse D/S	96.025	95.975		5	95.996	95.997	95.995	96.001	95.995	ok	
20	Interasse D/L	80.025	79.975		5	79.989	79.991	79.988	79.990	79.994	ok	
21	Interasse D/F	188.025	187.975		5	187.999	188.002	187.996	188.005	187.999	ok	
22	Diametro DG1 - DG4	10.040	10.025		5	10.035	10.032	10.035	10.030	10.031	ok	
23	Posizione DG1 - DG4	0.000	0.050		5	0.032	0.027	0.034	0.023	0.019	ok	
23	Perpendicolarità DG1 - DG4 rispetto H	0.000	0.050		5	0.018	0.016	0.018	0.012	0.012	ok	
24	Diametro DG2 - DG3	8.040	8.025		5	8.033	8.033	8.032	8.030	8.030	ok	
25	Posizione DG2 - DG3	0.000	0.050		5	0.021	0.016	0.018	0.031	0.035	ok	
25	Perpendicolarità DG2 - DG3 rispetto H	0.000	0.050		5	0.008	0.006	0.007	0.003	0.011	ok	
26	Diametro SD1 - SD2	16.000	15.984		5	15.986	15.987	15.987	16.000	15.984	ok	
27	Posizione SD1 - SD2	0.000	0.050		5	0.024	0.026	0.027	0.050	0.023	ok	
27	Perpendicolarità SD1 - SD2 rispetto H	0.000	0.050		5	0.004	0.002	0.002	0.030	0.002	ok	
28	Diametro SR_3 - SR_2_6	13.000	13.018		5	13.008	13.010	13.008	13.008	13.006	ok	
29	Posizione SR_3 - SR_2_6	0.000	0.100		5	0.053	0.064	0.052	0.050	0.042	ok	
29	Perpendicolarità SR_3 - SR_2_6 rispetto H	0.000	0.050		5	0.008	0.006	0.005	0.004	0.005	ok	
30	Diametro SR_R_4 - SR_5_1	10.000	10.015		5	10.015	10.014	10.013	10.010	10.011	ok	
31	Posizione SR_R_4 - SR_5_1	0.000	0.100		5	0.046	0.046	0.050	0.042	0.046	ok	
31	Perpendicolarità SR_R_4 - SR_5_1 rispetto H	0.000	0.050		5	0.007	0.005	0.004	0.003	0.007	ok	
32	Diametro P 18H7	18.000	18.018		5	18.013	18.014	18.013	18.011	18.011	ok	
33	Posizione P 18H7	0.000	0.100		5	0.017	0.023	0.014	0.020	0.013	ok	

March 2006

CFG-1003

SIGNATURE

TITLE

Production Part Approval
DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00									
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING									
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'									
					Engineering Change Documents: _____									
					Organization Measurement Results (Data)									
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5	Ok	Not Ok		
34	Diametro T1	21.150	20.950		5	21.051	21.051	21.050	21.053	21.051	ok			
35	Posizione T1	0.000	0.100		5	0.197	0.203	0.182	0.120	0.083		NOK		
36	Altezza foro D Ø62	14.000	14.600		1	14.721	14.717	14.721	14.715	14.712	ok			
37	Distanza flangia E - H	159.650	159.710		5	159.693	159.692	159.697	159.695	159.697	ok			
38	Parallelismo flangia E	0.000	0.100		5	0.019	0.019	0.012	0.018	0.015	ok			
39	Ø K - M	12.901	12.873		5	12.884	12.886	12.885	12.886	12.885	ok			
40	Posizione fori K - M	0.000	0.100		5	0.036	0.030	0.043	0.037	0.045	ok			
41	Angolo K - M	52.463	52.263		5	52.360	52.360	52.360	52.361	52.360	ok			
42	Ø G6	5.970	5.986		5	5.976	5.978	5.977	5.978	5.978	ok			
43	Posizione foro G6	0.000	0.100		5	0.061	0.071	0.068	0.072	0.066	ok			
43	Perpendicolarità G6	0.000	0.100		5	0.004	0.003	0.003	0.007	0.001	ok			
44	Ø PT1 - PT2	7.475	6.980		5	7.425	7.406	7.419	7.424	7.421	ok			
45	Posizione fori PT1 - PT2	0.000	0.400		5	0.104	0.338	0.098	0.111	0.119	ok			
46	Posizione filettatura HP2	0.000	0.400		5	0.176	0.178	0.171	0.198	0.183	ok			
46	Filettatura HP2	OK	NOK		5	OK	OK	OK	OK	OK	ok			
46	Raggio fresatura HP2	OK	NOK		1	OK	-	-	-	-	ok			
47	Ø CA13 - CA23	11.518	11.500		5	11.516	11.517	11.517	11.518	11.518	ok			
48	Posizione fori CA13 - CA23	0.000	0.100		5	0.011	0.060	0.060	0.063	0.062	ok			
48	Perpendicolarità fori CA13 - CA23	0.000	0.050		5	0.005	0.005	0.005	0.005	0.007	ok			
49	Ø CA15 - CA25	6.012	6.000		5	6.006	6.009	6.008	6.008	6.008	ok			
50	Posizione fori CA15 - CA25	0.000	0.100		5	0.011	0.030	0.034	0.024	0.033	ok			
50	Perpendicolarità fori CA15 - CA25	0.000	0.050		5	0.009	0.007	0.002	0.009	0.003	ok			
51	Ø D68	67.986	67.967		5	67.975	67.976	67.974	67.970	67.972	ok			
52	Altezza D - H	8.530	8.470		5	8.496	8.494	8.497	8.485	8.489	ok			
53	Parallelismo flangia D	0.000	0.030		5	0.063	0.071	0.064	0.058	0.048		NOK		
54	Altezza L - S ad H	46.900	46.700		5	46.852	46.858	46.857	46.854	46.861	ok			
55	Parallelismo flangia F	0.000	0.030		5	0.045	0.087	0.046	0.050	0.049		NOK		
56	Concentricità Foro F Ø55	0.000	0.050		5	0.001	0.006	0.001	0.003	0.003	ok			
57	Ø61 F	61.300	60.700		5	60.963	60.964	60.964	60.968	60.964	ok			
58	Altezza Ø61 ad H	119.100	118.900		5	119.071	119.078	119.072	119.058	119.074	ok			
59	Altezza Ø18 H7 P ad H	49.610	49.510		5	49.555	49.554	49.555	49.550	49.555	ok			
60	Ø18 H9 P	18.000	18.043		5	18.026	18.026	18.270	18.026	18.028	ok			
61	Posizione Ø18 H9 P	0.000	0.100		5	0.047	0.024	0.018	0.013	0.020	ok			
62	Ø20 N7 P	19.993	19.972		5	19.984	19.985	19.984	19.984	19.985	ok			
63	Posizione Ø20 N7 P	0.000	0.200		5	0.071	0.071	0.065	0.062	0.061	ok			
64	Distanza battuta Ø20 N7 a centro P	93.700	93.500		5	93.623	93.622	93.620	93.627	93.621	ok			
65	Altezza T1 a D	192.953	192.753		5	192.834	192.832	192.835	192.832	192.828	ok			
66	T1 planarità	0.000	0.300		5	0.009	0.007	0.008	0.009	0.008	ok			

Production Part Approval DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00							
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING							
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'							
					Engineering Change Documents:							
Organization Measurement Results (Data)											Ok	Not Ok
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
66	T1 perpendicolarità				5						ok	
67	Ø foro V	6.028	5.962		5	6.019	6.014	6.019	6.015	6.012	ok	
68	Posizione foro V	0.000	0.300		5	0.355	0.318	0.354	0.228	0.215		NOK
69	Ø TRS1 - TRS2	9.550	9.450		5	9.513	9.524	9.514	9.514	9.512	ok	
70	Ø Posizione TRS1 - TRS2	0.000	0.100		5	0.135	0.107	0.139	0.043	0.033		NOK
71	Planarità flangia PS	0.000	0.030		5	0.004	0.002	0.003	0.003	0.003	ok	
71	Prarallelismo flangia PS	0.000	0.100		5	0.038	0.064	0.036	0.042	0.038	ok	
71	Inclinazione flangia PS	0.000	0.200		5	0.027	0.042	0.038	0.045	0.025	ok	
72	Ø CA1 - CA2	24.150	24.100		5	24.123	24.123	24.124	24.124	24.123	ok	
73	Posizione Ø CA1 - CA2	0.000	0.260		5	0.215	0.182	0.203	0.181	0.203	ok	
73	Rotondità CA1 - CA2	0.000	0.015		5	0.015	0.015	0.014	0.015	0.015	ok	
74	Ø 50.9 CA1 - CA2	50.950	50.850		5	50.871	50.872	50.871	50.871	50.872	ok	
75	Ø 57 CA1 - CA2	57.050	56.950		5	56.960	56.962	56.960	56.961	56.959	ok	
76	Concentricità Ø 57 CA1 - CA2	0.000	0.100		5	0.125	0.125	0.125	0.114	0.127		NOK
77	Altezza smusso CA1 - CA2	1.800	1.200		1	1.429	-	-	-	-	ok	
78	Angolo smusso CA1 - CA2	27°	33°		1	30.643°	-	-	-	-	ok	
79	Altezza smusso Ø50 CA1 - CA2 (indiretta 17.7)	OK	NOK		1	OK	-	-	-	-	ok	
80	Angolo smusso Ø50 CA1 - CA2	27°	33°		1	30.165°	-	-	-	-	ok	
81	Angolo smusso Ø T1	27°	33°		1	29.649°	-	-	-	-	ok	
82	Angolo smusso J - R	27°	33°		1	29.043°	-	-	-	-	ok	
83	Altezza smusso J - R	0.700	1.300		1	0.986	-	-	-	-	ok	
84	Angolo smusso K - M	27°	33°		1	28.927°	-	-	-	-	ok	
85	Angolo smusso D Ø62	27°	33°		1	30.169°	-	-	-	-	ok	
86	Angolo smusso SR2 - SR3	27°	33°		1	30.199°	-	-	-	-	ok	
87	Altezza smusso SR2 - SR3	---	0.500		1	1.373	-	-	-	-	ok	
88	Angolo smusso SR4 - SR5	27°	33°		1	28.76°	-	-	-	-	ok	
89	Angolo smusso SD1 - SD2	48°	42°		1	44.91°	-	-	-	-	ok	
90	Altezza smusso SD1 - SD2	1.700	2.300		1	1.965	-	-	-	-	ok	
91	Angolo smusso DG1 - DG3	27°	33°		1	30.347°	-	-	-	-	ok	
92	Altezza smusso DG1 - DG3	0.700	1.300		1	0.908	-	-	-	-	ok	
93	Angolo smusso DG2 - DG4	27°	33°		1	29.735°	-	-	-	-	ok	
94	Altezza smusso DG2 - DG4	0.700	1.300		1	0.918	-	-	-	-	ok	
95	Angolo smusso L - S	27°	33°		1	29.826°	-	-	-	-	ok	
96	Altezza smusso L - S	1.400	2.000		1	1.768	-	-	-	-	ok	
97	Profilo L1 - S1	OK	NOK		1	OK	-	-	-	-	ok	
98	Angolo foro F Ø67	---	30°		1	30°	-	-	-	-	ok	
99	Angolo smusso P Ø18 H7	27°	33°		1	29.791°	-	-	-	-	ok	

Production Part Approval
DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00											
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING											
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'											
					Engineering Change Documents:											
										Organization Measurement Results (Data)					Ok	Not Ok
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5						
100	Altezza smusso P Ø18 H7	0.700	1.300		1	1.095	-	-	-	-	ok					
101	Angolo smusso P1	27°	33°		1	29.821°	-	-	-	-	ok					
102	Altezza smusso P1	0.700	1.300		1	0.935	-	-	-	-	ok					
103	AltezzaCono Z1 rispetto D	144.761	145.061		5	144.838	144.773	144.773	144.832	144.819	ok					
104	AltezzaCono Z2 rispetto D	171.260	170.960		5	160.480	160.428	160.428	160.485	160.486		NOK				
105	AltezzaCono Z3 rispetto D	161.582	161.882		5	161.659	161.614	161.614	161.654	161.648	ok					
106	Angolo Cono Z1	59.9°	60.1°		5	60.028	60.028	60.028	60.028	60.028	ok					
107	Angolo Cono Z2	59.9°	60.1°		5	59.957	59.957	59.957	59.973	59.996	ok					
108	Angolo Cono Z3	59.9°	60.1°		5	59.969	59.957	59.957	59.997	59.971	ok					
109	AltezzaCono Z1	4.800	3.200		5	4.173	4.206	4.206	4.151	4.039	ok					
110	AltezzaCono Z2	4.800	3.200		5	4.261	4.278	4.278	4.243	4.090	ok					
111	AltezzaCono Z3	4.800	3.200		5	4.278	4.278	4.278	4.278	4.278	ok					
112	Perpendicolarità foro K	0.000	0.040		5	0.004	0.002	0.003	0.002	0.002	ok					
113	Ø K1	11.450	10.950		5	11.287	11.285	11.274	11.280	11.288	ok					
113	Concentricità Ø K1	0.000	0.500		5	0.195	0.193	0.242	0.155	0.281	ok					
114	Posizione foro filettato M	0.000	0.400		5	0.135	0.133	0.157	0.163	0.163	ok					
114	Concentricità foro filettato M	0.000	0.300		5	0.131	0.129	0.164	0.183	0.190	ok					
114	Perpendicolarità foro filettato M	0.000	0.300		5	0.042	0.040	0.009	0.024	0.025	ok					
115	Posizione foro filettato G1, G10, G11	0.000	0.400		5	0.094	0.092	0.124	0.096	0.110	ok					
115	Perpendicolarità foro filettato G1, G10, G11	0.000	0.200		5	0.036	0.034	0.050	0.038	0.031	ok					
116	Filettature G1, G10, G11	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
117	Posizione foro filettato G3, G4, G5, G7	0.000	0.800		5	1.103	1.067	1.131	1.148	1.103		NOK				
118	Posizione foro filettato G9	0.000	0.400		5	0.090	0.088	0.047	0.116	0.040	ok					
118	Perpendicolarità foro filettato G9	0.000	0.200		5	0.081	0.079	0.034	0.086	0.105	ok					
119	Filettatura G9	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
120	Posizione foro filettato TR3	0.000	0.400		5	0.020	0.018	0.009	0.015	0.018	ok					
121	Altezza piano TR3 a G	4.600	4.800		5	4.602	4.600	4.601	4.593	4.602		NOK				
122	Filettatura TR3	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
123	Profondità Filettatura TR3	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
124	Posizione foro PT0	0.000	0.400		5	0.379	0.377	0.386	0.350	0.376	ok					
125	Filettatura PT0	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
126	Posizione foro filettato EL	0.000	0.400		5	0.261	0.259	0.251	0.255	0.260	ok					
127	Filettatura EL	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
128	Posizione filettatura PT3	0.000	0.400		5	0.140	0.138	0.017	0.063	0.062	ok					
129	Filettatura PT3	OK	NOIK		5	OK	OK	OK	OK	OK	ok					
130	Altezza flangia PT3 a G	75.700	75.300		5	75.394	75.392	75.393	75.392	75.400	ok					
131	Asola D Ø	10.100	9.900		5	10.024	10.022	10.033	10.053	10.019	ok					
132	Posizione Asola D	0.000	0.100		5	0.254	0.256	0.242	0.217	0.236		NOK				
						SIGNATURE		TITLE								
						P.Lucchese		QPE								

Production Part Approval DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00							
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING							
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'							
					Engineering Change Documents:							
					Organization Measurement Results (Data)					Ok	Not Ok	
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
133	D72 Ø	72.150	72.050		5	72.094	72.092	71.097	72.094	72.087	ok	
134	Concentricità D72 Ø	0.000	0.100		5	0.037	0.035	0.038	0.026	0.037	ok	
135	Stop parking lock 1 distanza P	6.400	6.700		1	6.400	-	-	-	-	ok	
136	Stop parking lock 2 distanza P	9.150	8.850		5	8.957	8.954	8.958	8.938	8.956	ok	
137	Posizione foro filettato GTS1, GTS2, GTS3	0.000	0.300		5	0.124	0.122	0.141	0.128	0.129	ok	
138	Ø GTS1, GTS2, GTS3	17.600	17.400		5	17.540	17.538	17.530	17.534	17.533	ok	
139	Filettature GTS1, GTS2, GTS3	OK	NOK		5	OK	OK	OK	OK	OK	ok	
140	Concentricità GTS1, GTS2, GTS3	0.000	0.200		5	0.034	0.032	0.055	0.033	0.037	ok	
141	Profondità precamera GTS1, GTS2, GTS3	4.100	3.900		5	4.000	3.991	3.994	3.993	3.966	ok	
142	Posizione foro filettato CA11, CA12, CA14	0.000	0.300		5	0.836	0.836	0.826	0.879	0.830		NOK
143	Filettature CA11, CA12, CA14	OK	NOK		5	OK	OK	OK	OK	OK	ok	
144	Profondità precamera CA13 - CA23	3.900	4.300		5	4.190	4.189	4.188	4.193	4.192	ok	
145	Posizione foro filettato CA21, CA22, CA24	0.000	0.300		5	0.605	0.605	0.609	0.589	0.602		NOK
146	Filettature CA21, CA22, CA24	OK	NOK		5	OK	OK	OK	OK	OK	ok	
147	Filettature CA13, CA23	OK	NOK		5	OK	OK	OK	OK	OK	ok	
148	Rettangolarità Ø D68	0.000	0.030		5	0.007	0.005	0.005	0.004	0.004	ok	
149	Concentricità Diametro D	0.000	0.050		5	0.009	0.007	0.007	0.010	0.009	ok	
150	Diametro 55 L - S	55.050	54.995		5	55.032	55.030	55.024	55.038	55.015	ok	
151	Altezza L - S da 28	28.400	28.200		5	28.358	28.356	28.353	28.346	28.357	ok	
152	Ø fori inclinati	6.000	6.300		5	6.258	6.256	6.233	6.272	6.269	ok	
153	Controllo fori inclinati	OK	NOK		5	OK	OK	OK	OK	OK	ok	
154	Posizione fori filettati H12 - H14	0.000	0.400		5	0.060	0.058	0.058	0.057	0.059	ok	
155	Filettature H12 - H14	OK	NOK		5	OK	OK	OK	OK	OK	ok	
156	Filettature HP2 - HP1	OK	NOK		5	OK	OK	OK	OK	OK	ok	
157	Posizione foro filettato H1-H8, H10,H11, H15, H16, H19-21	0.000	0.400		5	0.137	0.135	0.135	0.136	0.134	ok	
158	filettature H1-H8, H10,H11, H15, H16, H19-21	OK	NOK		5	OK	OK	OK	OK	OK	ok	
159	Posizione foro filettato H9, H13	0.000	0.400		5	0.136	0.134	0.134	0.134	0.135		
160	filettature H9, H13	OK	NOK		5	OK	OK	OK	OK	OK	ok	
161	Ø H17, H18	9.300	9.000		5	9.257	9.255	9.255	9.255	9.257	ok	
162	Posizione Ø H17, H18	0.000	0.800		5	0.084	0.082	0.082	0.084	0.082	ok	
163	Altezza DG1 - DG4 rispetto H	2.750	2.650		5	2.690	2.690	2.690	2.687	2.686	ok	
164	Altezza DG2 - DG3 rispetto H	2.750	2.650		5	2.691	2.691	2.689	2.685	2.689	ok	
165	Altezza SD1 rispetto H	29.350	29.250		5	29.322	29.320	29.320	29.298	29.320	ok	

SIGNATURE	TITLE
P.Lucchese	QPE

Production Part Approval DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00							
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING							
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'							
					Engineering Change Documents: _____							
					Organization Measurement Results (Data)					Ok	Not Ok	
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
166	Altezza SD2 rispetto H	19.350	19.250		5	19.316	19.314	19.315	19.314	19.317	ok	
167	Fondo SD2 rispetto H	6.100	5.800		5	6.138	6.138	6.139	6.138	6.139		NOK
168	Altezza SR5 rispetto H	24.250	23.550		5	23.985	23.983	24.029	24.011	24.055	OK	
169	Altezza SR4 rispetto H	14.250	13.550		5	14.103	14.101	14.125	14.150	14.136	OK	
170	Posizione foro filettato FW1, FW2, FW3	0.000	0.400		5	0.066	0.063	0.109	0.064	0.063	ok	
171	filettature FW1, FW2, FW3	OK	NOK		5	OK	OK	OK	OK	OK	ok	
172	Ø12 E7 P1	12.050	12.032		5	12.035	12.033	12.033	12.032	12.032	ok	
173	Posizione Ø12 E7 P1	0.000	0.100		5	0.055	0.053	0.041	0.037	0.036	ok	
174	Altezza P1 ad H	9.390	9.290		5	9.348	9.346	9.348	9.359	9.347	ok	
175	Ø P 21 R7	20.800	20.959		5	20.969	20.967	20.966	20.966	20.966	ok	
176	Concentricità Ø P 21 R7	0.000	0.100		5	0.008	0.006	0.004	0.003	0.004	ok	
177	Posizione filettature Ø20 N7 P	0.000	0.400		5	0.113	0.111	0.105	0.100	0.083	ok	
178	Filettature Ø20 N7 P	OK	NOK		5	OK	OK	OK	OK	OK	ok	
179	Posizione T3	0.000	0.400		5	0.038	0.036	0.040	0.038	0.066	ok	
179	T3 perpendicolarità	0.000	0.300		5	0.128	0.126	0.163	0.159	0.070	ok	
180	Filettatura T3	OK	NOK		5	OK	OK	OK	OK	OK	ok	
181	Posizione Filettatura W1	0.000	0.400		5	0.298	0.300	0.309	0.221	0.187	ok	
182	Filettatura W1	OK	NOK		5	OK	OK	OK	OK	OK	ok	
183	Altezza Filettatura W1	153.424	153.024		5	153.155	153.155	153.164	153.154	153.161	ok	
184	Posizione Filettatura W2	0.000	0.400		5	0.354	0.352	0.339	0.270	0.239	ok	
185	Altezza Filettatura W2	172.919	172.519		5	172.761	172.761	172.760	172.759	172.762	ok	
186	Filettatura W2	OK	NOK		5	OK	OK	OK	OK	OK	ok	
187	Posizione Filettatura W6	0.000	0.400		5	0.398	0.400	0.391	0.290	0.264	ok	
188	Altezza Filettatura W6	173.200	172.800		5	173.099	173.098	173.100	173.099	173.101	ok	
189	Filettatura W6	OK	NOK		5	OK	OK	OK	OK	OK	ok	
190	Posizione Filettatura W3	0.000	0.400		5	0.387	0.388	0.411	0.201	0.227	ok	
191	Altezza Filettatura W3	127.648	126.348		5	127.170	127.169	127.158	127.173	127.162	ok	
192	Filettatura W3	OK	NOK		5	OK	OK	OK	OK	OK	ok	
193	Posizione filettature TRS1 - TRS2	0.000	0.400		5	0.111	0.109	0.224	0.075	0.038	ok	
194	filettature TRS1 - TRS2	OK	NOK		5	OK	OK	OK	OK	OK	ok	
195	Altezza flange TRS1 - TRS2 a P	39.600	39.400		5	39.392	39.392	39.408	39.390	39.402		NOK
196	Ø CA16 a CA29	5.600	5.400		5	5.170	5.515	5.514	5.508	5.508	ok	
197	Posizione Ø CA16 a CA29	0.000	0.200		5	0.188	0.183	0.179	0.200	0.200	ok	
197	Rettangolarità CA16 a CA29	0.000	0.150		5	0.015	0.013	0.015	0.014	0.010	ok	

SIGNATURE	TITLE
P.Lucchese	QPE

Production Part Approval
DIMENSIONAL TEST RESULTS

Organization: GETRAG	Part Number: 250.0.3321.00
Supplier/Vendor Code: GETRAG Modugno	Part Name: CLUTCH HOUSING
INSPECTION FACILITY: NA	Design Record Change Level: Final Index 'b'
	Engineering Change Documents: _____

						Organization Measurement Results (Data)					Ok	Not Ok
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
198	Filettature CA16 a CA29	OK	NOK		5	OK	OK	OK	OK	OK	ok	
199	Posizione filettature CA16 a CA29	0.000	0.400		5	0.197	0.195	0.075	0.195	0.185	ok	
200	Altezza CA1 - CA2 ad H	195.850	195.750		5	195.756	195.756	195.754	195.756	195.754	ok	
201	Profondità CA1 - CA2	53.100	52.900		5	53.028	53.025	53.033	53.028	53.027	ok	
202	Planarità CA1 - CA2	0.000	0.050		5	0.004	0.001	0.001	0.001	0.001	ok	
202	Perpendicolarità CA1 - CA2	0.000	0.100		5	0.050	0.046	0.046	0.051	0.041	ok	
203	Posizione Filettatura W4	0.000	0.400		5	0.653	0.653	0.653	0.892	0.833		NOK
204	Altezza Filettatura W4	160.483	160.083		5	160.288	160.284	160.284	160.277	160.287	ok	
205	Filettatura W4	OK	NOK		5	OK	OK	OK	OK	OK	ok	
206	Posizione Filettatura OD	0.000	0.400		5	0.350	0.332	0.364	0.336	0.341	ok	
207	Altezza Flangia OD	121.564	121.164		5	121.501	121.478	121.471	121.486	121.472	ok	
208	Filettatura OD	OK	NOK		5	OK	OK	OK	OK	OK	ok	
209	Planarità flangia OD	0.000	0.030		5	0.020	0.011	0.007	0.007	0.009	ok	
209	Rettangolarità flangia OD	0.000	0.100		1	0.071	-	-	-	-	ok	
210	CA1 - CA2 smusso 45°	48°	42°		1	46.186°	-	-	-	-	ok	
211	CA1 - CA2 smusso 45° altezza	1.700	1.300		1	1.505	-	-	-	-	ok	
212	CA1 - CA2 raggio di fondo	1.600	0.800		1	1.305	-	-	-	-	ok	
213	Parallelismo flangia G	0.000	0.080		5	0.015	0.013	0.013	0.013	0.012	ok	
214	Angolo smusso OD	27°	33°		1	32.55°	-	-	-	-	ok	
215	Ø smusso OD	18.800	18.500		1	18.545	-	-	-	-	ok	
216	Angolo smusso V	27°	33°		1	29.816°	-	-	-	-	ok	
217	Altezza smusso V	1.700	1.300		1	1.350	-	-	-	-	ok	
218	Angolo smusso F Ø65	24°	30°		1	26.96°	-	-	-	-	ok	
219	Altezza smusso F Ø65	1.400	2.000		1	1.655	-	-	-	-	ok	
220	Particolare F1	OK	NOK		1	OK	-	-	-	-	ok	
221	Raggio fondo DØ68	0.600	0.200		1	0.498	-	-	-	-	ok	
222	Altezza ØD68	13.100	12.500		1	12.969	-	-	-	-	ok	
223	Angolo smusso foro D lato G	17°	23°		1	20.022°	-	-	-	-	ok	
224	Altezza smusso foro D lato G	1.400	2.000		1	1.599	-	-	-	-	ok	
225	Altezza flangia E- D	1.700	1.600		1	1.640	-	-	-	-	ok	
226	Altezza J/R	15.100	14.900		1	14.980	-	-	-	-	ok	
227	Altezza DG2/DG3	10.650	10.850		1	10.700	-	-	-	-	ok	
228	Altezza DG1/DG4	12.050	12.250		1	12.050	-	-	-	-	ok	
229	Altezza SR2/SR3	11.300	11.500		1	11.350	-	-	-	-	ok	
230	Altezza fondo SR5 rispetto H	7.200	7.000		1	7.200	-	-	-	-	ok	
231	Ø Precamera K - M	13.570	13.550		1	13.550	-	-	-	-	ok	

SIGNATURE	TITLE
P.Lucchese	QPE

Production Part Approval DIMENSIONAL TEST RESULTS

Organization: GETRAG					Part Number: 250.0.3321.00							
Supplier/Vendor Code: GETRAG Modugno					Part Name: CLUTCH HOUSING							
INSPECTION FACILITY: NA					Design Record Change Level: Final Index 'b'							
					Engineering Change Documents: _____							
					Organization Measurement Results (Data)					Ok	Not Ok	
Item	Dimension/Specification	Specification / Limits		Test Date	Qty. Tested	PSW1	PSW2	PSW3	PSW4	PSW5		
232	Rugosità flangia H Rz	0.000	16.000		1	11.140	-	-	-	-	ok	
232	Rugosità flangia H Rmax	0.000	25.000		1	14.000	-	-	-	-	ok	
233	Rugosità ØD62	10.000	16.000		1	13.340	-	-	-	-	ok	
234	Rugosità ØD68	0.000	6.300		1	0.772	-	-	-	-	ok	
235	Rugosità ØF55	10.000	16.000		1	10.001	-	-	-	-	ok	
236	Rugosità ØF65	0.000	6.300		1	0.811	-	-	-	-	ok	
237	Rugosità flangia G Rz	0.000	16.000		1	11.140	-	-	-	-	ok	
238	Rugosità ØL60	0.000	6.300		1	2.006	-	-	-	-	ok	
239	Rugosità ØDG2	0.000	16.000		1	4.220	-	-	-	-	ok	
240	Rugosità ØDG4	0.000	16.000		1	8.420	-	-	-	-	ok	
241	Rugosità ØSR2	0.000	16.000		1	3.680	-	-	-	-	ok	
242	Rugosità ØSR5	0.000	16.000		1	7.700	-	-	-	-	ok	
243	Profondità foro P1	20.750	20.250		1	20.370	-	-	-	-	ok	
244	Profondità foro SD1	16.100	15.080		1	16.080	-	-	-	-	ok	
245	Angolo smusso PØ20N7	27°	33°		1	29.376°	-	-	-	-	ok	
246	Angolo smusso P 20°	17°	23°		1	19.994°	-	-	-	-	ok	
247	Altezza P Ø18H9	6.300	6.700		1	6.674	-	-	-	-	ok	
248	Altezza P Ø18H7	9.400	9.600		1	9.432	-	-	-	-	ok	
249	Angolo smusso fondo SD1 - SD2	42°	48°		1	44.928°	-	-	-	-	ok	
250	Filettatura M	OK	NOK		5	OK	OK	OK	OK	OK	ok	
251	Filettatura W5	OK	NOK		5	OK	OK	OK	OK	OK	ok	
252	Altezza TR1 a D	143.120	142.920		1	143.178	-	-	-	-		NOK
253	Altezza TR2 a D	154.370	154.170		1	154.153	-	-	-	-		NOK
254	Posizione FØ61	0.000	0.400		1	0.021	-	-	-	-	ok	
255	Perpendicolarità flangia E	0.000	0.050		1	0.017	-	-	-	-	ok	
256	ØPT0	9.000	9.300		1	10.013	-	-	-	-		NOK
257	Posizione filettatura ØPT0	0.000	0.400		1	0.199	-	-	-	-	ok	
258	Altezza flangia asola	161.710	161.510		1	161.664	-	-	-	-	ok	
259	ØEL	12.300	11.700		1	11.792	-	-	-	-	ok	
260	ØCA11 - CA21	9.200	8.800		1	8.981	-	-	-	-	ok	
261	Concentricità ØCA13 - CA23	0.000	0.200		1	0.791	-	-	-	-		NOK

March 2006

CFG-1003

SIGNATURE

P.Lucchese

TITLE

QPE

Re P₂ = NOW POSSIBLE
(DA RIVER RE)

ALTECA "35" FORO P = 35.03

ALTECA FORO FTO = 17.27 (MAX 15.3)

ALTECA PRECATERA FORO: CA 16 = 10.16

22/05/2013

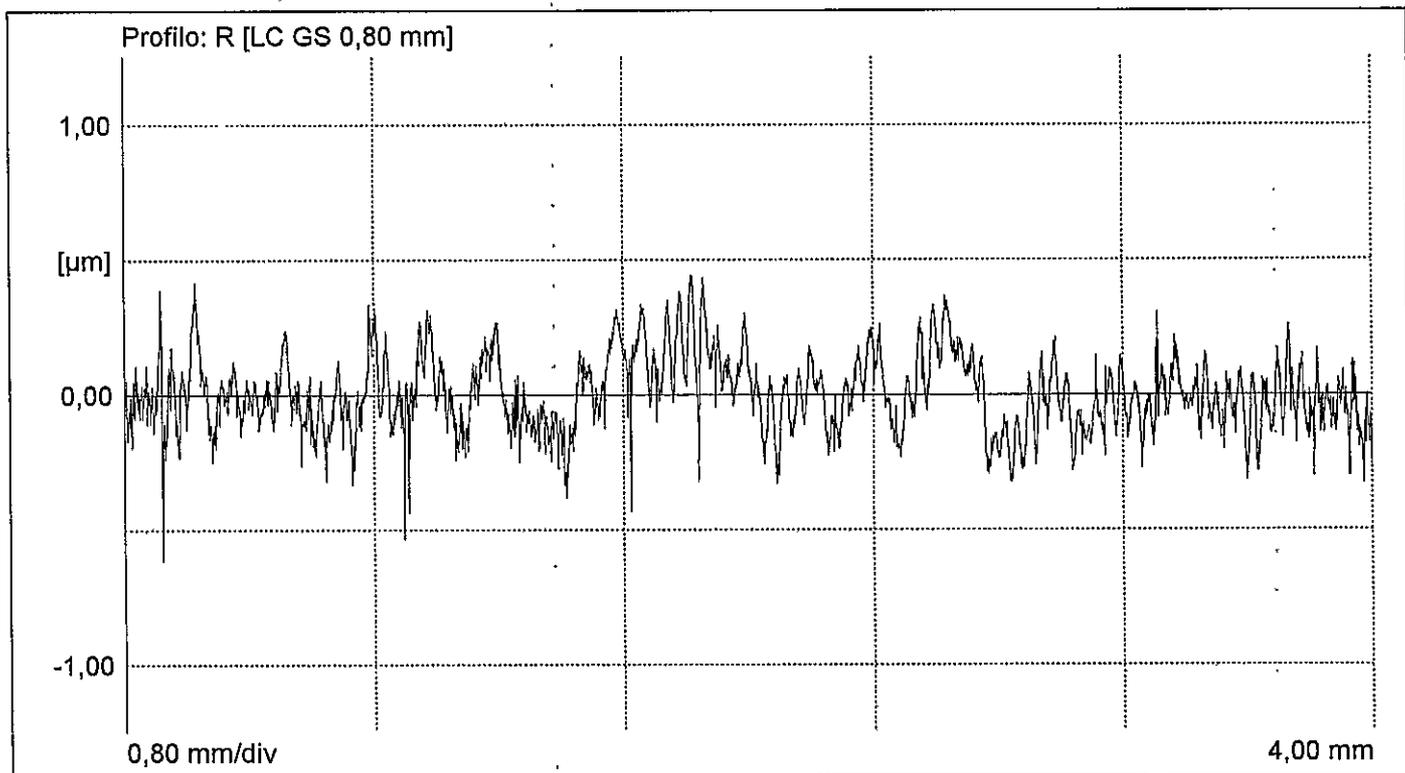


Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	pezzo 16
Operatore:	TURNO a
Data, ora:	21/05/2013, 08:12
Nota:	RZ FORO P2
Tastatore:	MFV-250 GOLE -20

MACCHINA:	MOA 416121 002
-----------	----------------



LC (GS)	0,80	mm
LT	5,60	mm
LM	4,00	mm
Z	5	
VB	±250	µm
Ra	0,11	µm
Rmax	1,03	µm
Rz	0,82	µm
R Sm	---	µm

PERTHOMETER CONCEPT

DIMENSIONAL TEST RESULTS

Organization: GETRAG	Part Number: _____
Supplier/Vendor Code: GETRAG Modugno	Part Name: _____
INSPECTION FACILITY: _____	Design Record Change Level: _____
	Engineering Change Documents: _____

Item	Dimension/Specification	Specification / Limits	Test Date	Qty. Tested	Organization Measurement Results (Data)						Ok	Not Ok
					psw1							
1	ALTEHA FLOW GA E-D				1.64							
2	FORO K Ø12				13.24							
3	FORO H Ø12				13.37							
4	FORO J Ø12				14.98							
5	FORO R				14.93							
6	ALTEHA DG2				10.70							
7	ALTEHA DG4				12.05							
8	ALTEHA SR2-6 (11.3)				11.35							
9	ALTEHA SR5-1 (7.2)				7.20							
10	ALTEHA FORO P1				20.37							
11	ALTEHA FORO SD1				16.08							
12	ALTEHA FORO P71				2.00							
13	ALTEHA FORO P72				2.88							
14	ALTEHA CTS (14)				164							
15	ALTEHA G6				8.17							
16	PRECAMERA CAM				276							
17	ALTEHA CA 15				10.822							
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												

SIGNATURE	TITLE
L.D'Elia	Operatore

=====

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione |

CICLO CNC

=====

DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 K_TR_321___FASE1 | | Bz - | Cx ZEISS 1 | TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Santorsola | 14. 5.2013 | TEST | 321_FASE1 | | 13:59:52

TEMP. PEZZO 23.58

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#BO_F_61_P	td	0.021	0.400				+
	#FL_E_PERP	t	0.017	0.050				++
	#PERP_OD	t	0.071	0.100				+++
	#GW_PTO_Z	Z	164.469	164.469	0.200	-0.200	-0.000	+-
	#GW_PTO_X	X	115.336	115.347	0.200	-0.200	-0.011	-
	#GW_PTO_P	td	0.199	0.400				++
	#BO_PTO_Z	Z	164.459	164.658	0.200	-0.200	-0.199	----
	#BO_PTO_X	X	115.348	115.347	0.200	-0.200	0.001	+
	#BO_PTO_D	D	10.013	9.000	0.300	0.000	1.013	0.713
	#BO_PTO_P	td	0.398	0.400				++++
	#FL_G_ASOL	Y	161.664	161.610	0.100	-0.100	0.054	+++
	#BO_EL_D	D	11.792	12.000	0.300	-0.300	-0.208	---
	#PRE_CA11D	D	8.981	9.000	0.200	-0.200	-0.019	-
	#CONC_CA13	td	0.791	0.020	0.020			0.771
	#CONC_CA23	td	0.690	0.020	0.020			0.670
	#FL_TR1_Z	 Z 	-142.498 	142.020 	0.100 	-0.100 	-0.478 	0.378
	#FL_TR2_Z	 Z 	-153.845 	153.270 	0.100 	-0.100 	0.575 	0.475
	#FL_V_PLAN	t	0.001	0.200				+
	#FL_P2_PER	td	0.047	0.100				++
	#FL_P2_PLA	t	0.013	0.030				++

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 14/05/13 17.22.55

#BO_CA1_P	td	0.186	0.260				+++
#CA1_3_CON	td	0.034	0.100				++

#GW_U_M18X	 X 	-176.349 	-176.187 	0.200 	-0.200 	-0.162 	---
#GW_N_M18Y	 Y 	23.039 	-23.000 	0.200 	-0.200 	-0.039 	-
#GW_B_M18P	 td 	0.333 	0.400 	 	 	 	+++
#FI_U_M18Z	 Z 	-148.814 	121.364 	0.200 	-0.200 	27.450 	27.250

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 14/05/13 14.24.08

=====

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione										CICLO CNC
=====										
DISEGNO No.		Indice		PROV.MAC		ZEISS		TIPO MISURA		
K_TR_321__FASE1				Bz -		Cx ZEISS 1		TEST		
OPERATORE		DATA		NUMERO PART.		PROGRAMMA		PALETTE		TIME
Santorsola		14. 5.2013		TEST		321_FASE1				17:26:35

TEMP. PEZZO 23.51

IND	NOMI / IDF	SY	VAL ATT		VAL NOM		TOL.S		TOL.I		DEV		MAG
=====													
	#FL_TR1__Z	Z	-143.178		143.020		0.100		-0.100		0.158		0.058
	#FL_TR2__Z	Z	-154.153		154.270		0.100		-0.100		-0.117		-0.017

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 14/05/13 17.38.01

DIMENSIONAL TEST RESULTS

Organization: GETRAG	Part Number: _____
Supplier/Vendor Code: GETRAG Modugno	Part Name: _____
INSPECTION FACILITY: _____	Design Record Change Level: _____
	Engineering Change Documents: _____

						Organization Measurement Results (Data)				Ok	Not Ok
Item	Dimension/Specification	Specification / Limits	Test Date	Qty. Tested	psw1						
1	ALTEHA FLOW GA E-D				1.64						
2	FORO K Ø12				13.24						
3	FORO H Ø12				13.31						
4	FORO J Ø12				14.98						
5	FORO R				14.93						
6	ALTEHA DG2				10.70						
7	ALTEHA DG4				12.05						
8	ALTEHA SR2-6 (11.3)				11.35						
9	ALTEHA SRS-1 (7.2)				7.20						
10	ALTEHA FORO P1				20.37						
11	ALTEHA FORO SD1				16.08						
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											

SIGNATURE	TITLE
L.D'Elia	Operatore

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione

CICLO CNC

```

=====
DISEGNO No. |Indice |PROV.MAC |ZEISS |TIPO MISURA
K_TR_321___FASE1 | | |Bz - |Cx ZEISS 1 |TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Germinari | 9. 5.2013 | PZ. 31 | |321_FASE1 | | |16: 9:31
    
```

TEMP. PEZZO 23.77

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_G_Y	Y	-179.816	179.800	0.040	-0.040	0.016	++
✓	#FL_G_PAR	t	0.012	0.080				+
✓	#FL_H_PLAN	t	0.015	0.050				++
✓	#H_PLA/100	t	0.008	0.030				++
✓	#FL_E1_Y	Y	159.697	159.710	0.000	-0.060	-0.013	+++
✓	#FL_E1_PAR	t	0.015	0.100				+
	#FL_E2_Y	Y	159.698	159.710	0.000	-0.060	-0.012	+++
	#FL_E2_PAR	t	0.013	0.100				+
	#BO_K_Z	Z	56.585	56.574	0.050	-0.050	0.011	+
	#BO_K_X	X	151.316	151.310	0.050	-0.050	0.006	+
✓	#BO_K_D	D	12.885	12.887	0.014	-0.014	-0.002	-
✓	#BO_K_P	td	0.026	0.100				++
✓	#BO_K_PERP	td	0.002	0.040				+
✓	#BO_K1_D	D	11.288	11.200	0.250	-0.250	0.088	++
✓	#BO_K1_CON	td	0.281	0.500				+++
	#BO_M_Z	Z	-17.739	-17.751	0.050	-0.050	0.012	+
	#BO_M_X	X	-165.404	-165.423	0.050	-0.050	0.019	++
✓	#BO_M_D	D	12.885	12.887	0.014	-0.014	-0.002	-
✓	#BO_M_P	td	0.045	0.100				++
	#BO_M_PERP	td	0.003	0.040				+
	#GW_M_Z	Z	-17.714	-17.751	0.200	-0.200	0.037	+
	#GW_M_X	X	-165.496	-165.423	0.200	-0.200	-0.073	--
✓	#GW_M_P	td	0.163	0.400				++
✓	#GW_M_CON	td	0.190	0.300				+++
✓	#GW_M_PERP	td	0.025	0.300				+
✓	#ANG_K/M	A1	52.360	52.363	0.100	-0.100	-0.003	-

#GW_G1_Z	Z	-133.721	-133.776	0.300	-0.300	0.055	+
#GW_G1_X	X	-99.495	-99.500	0.300	-0.300	0.005	+
#GW_G1_P	td	0.111	0.600				+
#GW_G1_RET	td	0.031	0.200				+
#GR_G3_P	td	1.148	0.800	0.800			0.348
#GR_G4_P	td	1.000	0.800	1.100			++++
#GR_G5_P	td	0.562	0.800	0.878			+++
#GR_G7_P	td	0.557	0.800	0.992			+++
#GW_G9_Z	Z	-58.933	-58.916	0.300	-0.300	-0.017	-
#GW_G9_X	X	171.652	171.643	0.300	-0.300	0.009	+
#GW_G9_P	td	0.040	0.600				+
#GW_G9_RET	td	0.107	0.200				+++
#GW_G10_Z	Z	-135.045	-135.041	0.300	-0.300	-0.004	-
#GW_G10_X	X	128.734	128.745	0.300	-0.300	-0.011	-
#GW_G10_P	td	0.023	0.600				+
#GW_G10_RE	td	0.025	0.200				+
#GW_G11_Z	Z	-186.931	-186.964	0.300	-0.300	0.033	+
#GW_G11_X	X	-39.796	-39.783	0.300	-0.300	-0.013	-
#GW_G11_P	td	0.071	0.600				+
#GW_G11_RE	td	0.026	0.200				+
#BO_G6_Z	Z	160.716	160.700	0.050	-0.050	0.016	++
#BO_G6_X	X	125.071	125.100	0.050	-0.050	-0.029	---
#BO_G6_D	D	5.978	5.979	0.009	-0.009	-0.001	-
#BO_G6_P	td	0.066	0.100				+++
#BO_G6_RET	td	0.001	0.100				+
#BO_TR3_Z	Z	-136.863	-136.854	0.200	-0.200	-0.009	-
#BO_TR3_X	X	-207.978	-207.975	0.200	-0.200	-0.003	-
#BO_TR3_P	td	0.018	0.400				+
#FL_TR3_Y	Y	4.602	4.700	0.100	-0.100	-0.098	----
#BO_PT0_Z	Z	164.471	164.658	0.200	-0.200	-0.187	----
#BO_PT0_X	X	115.331	115.347	0.200	-0.200	-0.016	-
#BO_PT0_P	td	0.376	0.400				++++
#BO_EL_Z	Z	14.298	14.428	0.200	-0.200	-0.130	---
#BO_EL_X	X	173.248	173.257	0.200	-0.200	-0.009	-
#BO_EL_P	td	0.260	0.400				+++
#BO_PT1_Z	Z	-39.214	-39.190	0.200	-0.200	-0.024	-
#BO_PT1_X	X	-192.171	-192.153	0.200	-0.200	-0.018	-
#BO_PT1_D	D	7.418	7.430	0.045	-0.045	-0.012	--

#BO_PT1__P	td	0.060	0.400					+
#FL_PT1__Y	Y	-0.003	0.000	0.200	-0.200	-0.003		-
#BO_PT2__Z	Z	-95.300	-95.248	0.200	-0.200	-0.052		--
#BO_PT2__X	X	-212.815	-212.844	0.200	-0.200	0.029		+
#BO_PT2__D	D	7.421	7.430	0.045	-0.045	-0.009		-
#BO_PT2__P	td	0.119	0.400					++
#FL_PT2__Y	Y	-0.006	0.000	0.200	-0.200	-0.006		-
#GW_PT3__Z	Z	-50.014	-50.004	0.200	-0.200	-0.010		-
#GW_PT3__X	X	-257.340	-257.369	0.200	-0.200	0.029		+
#GW_PT3__P	td	0.062	0.400					+
#FL_PT3__Y	Y	75.400	75.500	0.200	-0.200	-0.100		---
#GW_HP1__Z	Z	-24.079	-24.000	0.200	-0.200	-0.079		--
#GW_HP1__X	X	-262.112	-262.000	0.200	-0.200	-0.112		---
#GW_HP1__P	td	0.274	0.400					+++
#FL_HP1__Y	Y	129.697	129.800	0.200	-0.200	-0.103		---
#GW_HP2__Z	Z	86.445	86.523	0.200	-0.200	-0.078		--
#GW_HP2__X	X	-201.193	-201.144	0.200	-0.200	-0.049		-
#GW_HP2__P	td	0.183	0.400					++
#FL_HP2__Y	Y	129.703	129.800	0.200	-0.200	-0.097		--
#ASOL_DIST	Z	10.098	10.000	0.100	-0.100	0.098		++++
#ASOL_D__Z	Z	0.003	0.000	0.050	-0.050	0.003		+
#ASOL_D__X	X	-42.618	-42.500	0.050	-0.300	-0.118		+
#ASOL_D__D	D	10.019	10.000	0.100	-0.100	0.019		+
#ASOL_P(M)	td	0.236	0.100	0.219				0.017
#BO_D72__D	D	72.087	72.100	0.050	-0.050	-0.013		--
#D72_CONC	td	0.037	0.100					++
#LAM_P_64	X	6.200	6.550	0.150	-0.150	-0.313		-0.163
#LAM_P_11	Z	8.956	9.000	0.150	-0.150	-0.044		--
#GW_DS1__R	R	46.016	46.000	0.150	-0.150	0.016		+
#GW_DS1__AN	X/Z A1	161.994	162.000	0.150	-0.150	-0.006		-
#GW_DS1__P	td	0.033	0.300					+
#GW_DS1__D	D	17.530	17.500	0.100	-0.100	0.030		++
#CONC_17/1	td	0.037	0.200					+
#FL_DS1__Y	Y	3.990	4.000	0.100	-0.100	-0.010		-
#GW_DS2__R	R	46.021	46.000	0.150	-0.150	0.021		+
#GW_DS2__AN	X/Z A1	54.076	54.000	0.150	-0.150	0.076		+++
#GW_DS2__P	td	0.129	0.300					++

#GW_DS2__D	D	17.528	17.500	0.100	-0.100	0.028	++
#CONC_17/2	td	0.016	0.200				+
#FL_DS2__Y	Y	3.966	4.000	0.100	-0.100	-0.034	--
#GW_DS3__R	R	45.962	46.000	0.150	-0.150	-0.038	--
#GW_DS3__AN	X/Z A1	306.050	-54.000	0.150	-0.150	0.050	++
#GW_DS3__P	td	0.111	0.300				++
#GW_DS3__D	D	17.533	17.500	0.100	-0.100	0.033	++
#CONC_17/3	td	0.023	0.200				+
#FL_DS3__Y	Y	3.990	4.000	0.100	-0.100	-0.010	-
#FL_D/G__Y	Y	161.334	161.400	0.000	-0.100	-0.066	--
#GW_CA11_Z	Z	90.723	91.000	0.200	-0.200	-0.277	-0.077
#GW_CA11_X	X	-60.201	-60.000	0.200	-0.200	-0.201	-0.001
#GW_CA11_P	td	0.685	0.400				0.285
#FL_CA11_Y	Y	0.003	0.000	0.100	-0.100	0.003	+
#GW_CA12_Z	Z	91.208	91.000	0.200	-0.200	0.208	0.008
#GW_CA12_X	X	59.729	60.000	0.200	-0.200	-0.271	-0.071
#GW_CA12_P	td	0.683	0.400				0.283
#FL_CA12_Y	Y	-0.012	0.000	0.100	-0.100	-0.012	-
#GW_CA13_Z	Z	122.785	123.000	0.200	-0.200	-0.215	-0.015
#GW_CA13_X	X	-32.806	-32.500	0.200	-0.200	-0.306	-0.106
#GW_CA13_P	td	0.748	0.400				0.348
#BO_CA13_Z	Z	122.994	123.000	0.050	-0.050	-0.006	-
#BO_CA13_X	X	-32.531	-32.500	0.050	-0.050	-0.031	---
#BO_CA13_D	D	11.517	11.500	0.018	0.000	0.017	++++
#BO_CA13_P	td	0.062	0.100				+++
#FL_CA13_Y	Y	4.118	4.100	0.200	-0.200	0.018	+
#GW_CA14_Z	Z	123.081	123.000	0.200	-0.200	0.081	++
#GW_CA14_X	X	32.093	32.500	0.200	-0.200	-0.407	-0.207
#GW_CA14_P	td	0.830	0.400				0.430
#FL_CA14_Y	Y	0.001	0.000	0.200	-0.200	0.001	+
#BO_CA15_Z	Z	41.002	41.000	0.050	-0.050	0.002	+
#BO_CA15_X	X	-0.006	0.000	0.050	-0.050	-0.006	-
#BO_CA15_D	D	6.008	6.000	0.012	0.000	0.008	++
#BO_CA15_P	td	0.014	0.100				+
#CA15_RET	td	0.002	0.050				+
#GW_CA21_Z	Z	59.816	60.000	0.200	-0.200	-0.184	----
#GW_CA21_X	X	93.104	93.000	0.200	-0.200	0.104	+++

#GW_CA21_P	td	0.423	0.400				0.023
#FL_CA21_Y	Y	-0.008	0.000	0.100	-0.100	-0.008	-
#GW_CA22_Z	Z	-60.168	-60.000	0.200	-0.200	-0.168	----
#GW_CA22_X	X	92.777	93.000	0.200	-0.200	-0.223	-0.023
#GW_CA22_P	td	0.559	0.400				0.159
#FL_CA22_Y	Y	-0.012	0.000	0.100	-0.100	-0.012	-
#GW_CA23_Z	Z	32.237	32.500	0.200	-0.200	-0.263	-0.063
#GW_CA23_X	X	123.053	123.000	0.200	-0.200	0.053	++
#GW_CA23_P	td	0.536	0.400				0.136
#BO_CA23_Z	Z	32.516	32.500	0.050	-0.050	0.016	++
#BO_CA23_X	X	123.005	123.000	0.050	-0.050	0.005	+
#BO_CA23_D	D	11.518	11.500	0.018	0.000	0.018	0.000
#BO_CA23_P	td	0.033	0.100				++
#FL_CA23_Y	Y	4.192	4.100	0.200	-0.200	0.092	++
#CA23_RET	td	0.007	0.050				+
#GW_CA24_Z	Z	-32.767	-32.500	0.200	-0.200	-0.267	-0.067
#GW_CA24_X	X	122.862	123.000	0.200	-0.200	-0.138	---
#GW_CA24_P	td	0.602	0.400				0.202
#FL_CA24_Y	Y	-0.007	0.000	0.200	-0.200	-0.007	-
#BO_CA25_Z	Z	-0.016	0.000	0.050	-0.050	-0.016	--
#BO_CA25_X	X	40.995	41.000	0.050	-0.050	-0.005	-
#BO_CA25_D	D	6.008	6.000	0.012	0.000	0.008	++
#BO_CA25_P	td	0.033	0.100				++
#CA25_RET	td	0.002	0.050				+
#BO_J_Z	Z	146.839	146.846	0.030	-0.030	-0.007	-
#BO_J_X	X	76.174	76.161	0.030	-0.030	0.013	++
#BO_J_D	D	10.010	10.000	0.028	0.013	0.010	-0.000
#BO_J_P	td	0.029	0.060				++
#BO_R_Z	Z	-175.997	-176.000	0.030	-0.030	0.003	+
#BO_R_X	X	-70.484	-70.500	0.030	-0.030	0.016	+++
#BO_R_D	D	10.010	10.000	0.028	0.013	0.010	-0.000
#BO_R_P	td	0.033	0.060				+++
#BO_J_RET	td	0.002	0.030				+
#BO_R_RET	td	0.001	0.030				+
#BO_D68_D	D	67.972	68.000	-0.014	-0.033	-0.028	--
#D68_RET	td	0.004	0.030				+
#BO_D62_D	D	62.013	62.000	0.046	0.000	0.013	--
#D62_CONC	td	0.009	0.050				+

✓ #FL_D1__Y	[Y	-8.489	8.500	0.030	-0.030	-0.011	--
✓ #FL_D1_PAR	[t	0.048	0.030				0.018
- #FL_D2__Y	[Y	14.712	14.750	0.080	-0.080	-0.038	--
#BO_L_Z	[Z	-70.322	-70.330	0.025	-0.025	0.008	++
#BO_L_X	[X	-38.124	-38.127	0.025	-0.025	0.003	+
- #BO_L_D	[D	59.949	60.000	-0.035	-0.054	-0.051	---
✓ #BO_L_P	[td	0.018	0.050				++
✓ #BO_L_RET	[td	0.012	0.030				++
- #BO_L_2__D	[D	55.015	55.000	0.050	-0.050	0.015	++
- #FL_L_Y	[Y	-46.854	46.800	0.100	-0.100	0.054	+++
- #FL_L_2_Y	[Y	-28.339	28.300	0.100	-0.100	0.039	++
#BO_S_Z	[Z	15.906	15.906	0.025	-0.025	0.000	+-
#BO_S_X	[X	-94.669	-94.673	0.025	-0.025	0.004	+
- #BO_S_D	[D	59.949	60.000	-0.035	-0.054	-0.051	---
✓ #BO_S_P	[td	0.007	0.050				+
- #BO_S_RET	[td	0.008	0.030				++
- #BO_S_2__D	[D	55.003	55.000	0.050	-0.050	0.003	+
- #FL_S_Y	[Y	-46.861	46.800	0.100	-0.100	0.061	+++
- #FL_S_2_Y	[Y	-28.357	28.300	0.100	-0.100	0.057	+++
#ANG1_S1	[A1	15.071	16.500	1.000	-1.000	-1.429	-0.429
#ANG2_S1	[A2	44.833	45.000	0.500	-0.500	-0.167	--
✓ #S1_D	[D	6.269	6.000	0.300	0.000	0.269	++++
#S1_Z	[Z	-5.636	5.000	0.100	-0.100	0.636	0.536
#BO_F_Z	[Z	-89.603	-89.601	0.025	-0.025	-0.002	-
#BO_F_X	[X	-165.273	-165.274	0.025	-0.025	0.001	+
✓ #BO_F_D	[D	65.072	65.000	0.080	0.061	0.072	+
✓ #BO_F_P	[td	0.004	0.050				+
✓ #BO_F_RET	[td	0.007	0.030				+
✓ #FL_F_Y	[Y	-107.076	107.120	0.080	-0.080	-0.044	---
- #FL_F_PAR	[t	0.049	0.030				0.019
✓ #BO_F2_D	[D	55.038	55.000	0.046	0.000	0.038	+++
✓ #BO_F2_CON	[td	0.003	0.050				+
✓ #BO_F61_D	[D	60.964	61.000	0.300	-0.300	-0.036	-
- #FL_F61_Y	[Y	-119.074	119.100	0.100	-0.100	-0.026	--
✓ #BO_L_ROT	[t	0.006	0.008				++++
✓ #BO_S_ROT	[t	0.008	0.008				0.000

#BO_D_ROT	t	0.008	0.010				++++
#BO_F_ROT	t	0.009	0.010				++++
#BO_D_LIN	tx	0.007	0.006				0.001
#BO_S_LIN	tx	0.007	0.006				0.001
#BO_L_LIN	tx	0.006	0.006				++++
#BO_F_LIN	tx	0.008	0.006				0.002
#BO_F/L_PO	R	128.603	128.600	0.025	-0.025	0.003	+
#BO_F/S_PO	R	126.953	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	79.990	80.000	0.025	-0.025	-0.010	--
#BO_D/F_PO	R	187.999	188.000	0.025	-0.025	-0.001	-
#GW_01__Z	Z	-147.715	-147.700	0.200	-0.200	-0.015	-
#GW_01__X	X	102.999	103.000	0.200	-0.200	-0.001	-
#GW_01__P	td	0.029	0.400				+
#BO_DG1__Z	Z	87.729	87.732	0.025	-0.025	-0.003	-
#BO_DG1__X	X	20.214	20.223	0.025	-0.025	-0.009	--
#BO_DG1__D	D	10.031	10.000	0.040	0.025	0.031	-
#BO_DG1__P	td	0.019	0.050				++
#FL_DG1_1Y	Y	-2.691	2.700	0.050	-0.050	-0.009	-
#DG1_RET	td	0.007	0.050				+
#BO_DG2__Z	Z	62.135	62.138	0.025	-0.025	-0.003	-
#BO_DG2__X	X	53.540	53.523	0.025	-0.025	0.017	+++
#BO_DG2__D	D	8.030	8.000	0.040	0.025	0.030	--
#BO_DG2__P	td	0.035	0.050				+++
#FL_DG2_1Y	Y	-2.689	2.700	0.050	-0.050	-0.011	-
#DG2_RET	td	0.011	0.050				+
#BO_DG3__Z	Z	4.545	4.545	0.025	-0.025	-0.000	+-
#BO_DG3__X	X	83.804	83.787	0.025	-0.025	0.017	+++
#BO_DG3__D	D	8.028	8.000	0.040	0.025	0.028	---
#BO_DG3__P	td	0.034	0.050				+++
#FL_DG3_1Y	Y	-2.689	2.700	0.050	-0.050	-0.011	-
#DG3_RET	td	0.003	0.050				+
#BO_DG4__Z	Z	-37.432	-37.437	0.025	-0.025	0.005	+
#BO_DG4__X	X	84.991	84.997	0.025	-0.025	-0.006	-
#BO_DG4__D	D	10.026	10.000	0.040	0.025	0.026	----
#BO_DG4__P	td	0.014	0.050				++
#FL_DG4_1Y	Y	-2.686	2.700	0.050	-0.050	-0.014	--

2	#DG4_RET	td	0.012	0.050				+
	#BO_SD1_Z	Z	122.747	122.758	0.025	-0.025	-0.011	--
	#BO_SD1_X	X	-18.883	-18.886	0.025	-0.025	0.003	+
	#BO_SD1_D	D	15.984	16.000	0.000	-0.018	-0.016	----
	#BO_SD1_P	td	0.023	0.050				++
	#FL_SD1_1Y	Y	19.317	19.300	0.050	-0.050	0.017	++
	#FL_SD1_2Y	Y	6.139	6.100	0.000	-0.200	0.039	0.039
	#SD1_RET	td	0.002	0.050				+
	#BO_SD2_Z	Z	-89.535	-89.538	0.025	-0.025	0.003	+
	#BO_SD2_X	X	91.469	91.458	0.025	-0.025	0.011	++
	#BO_SD2_D	D	15.985	16.000	0.000	-0.018	-0.015	---
	#BO_SD2_P	td	0.023	0.050				++
	#FL_SD2_1Y	Y	29.320	29.300	0.050	-0.050	0.020	++
	#SD2_RET	td	0.002	0.050				+
	#BO_SR2_Z	Z	-56.693	-56.700	0.050	-0.050	0.007	+
	#BO_SR2_X	X	42.720	42.733	0.050	-0.050	-0.013	--
	#BO_SR2_D	D	13.006	13.000	0.018	0.000	0.006	--
	#BO_SR2_P	td	0.029	0.100				++
	#FL_SR2_1Y	Y	0.625	0.500	0.250	-0.450	0.125	+++
	#SR2_RET	td	0.005	0.050				+
	#BO_SR3_Z	Z	64.854	64.857	0.050	-0.050	-0.003	-
	#BO_SR3_X	X	-28.908	-28.887	0.050	-0.050	-0.021	--
	#BO_SR3_D	D	13.006	13.000	0.018	0.000	0.006	--
	#BO_SR3_P	td	0.042	0.100				++
	#FL_SR3_1Y	Y	0.690	0.500	0.250	-0.450	0.190	++++
	#SR3_RET	td	0.002	0.050				+
	#BO_SR4_Z	Z	94.169	94.176	0.050	-0.050	-0.007	-
	#BO_SR4_X	X	-70.211	-70.200	0.050	-0.050	-0.011	-
	#BO_SR4_D	D	10.011	10.000	0.015	0.000	0.011	++
	#BO_SR4_P	td	0.027	0.100				++
	#FL_SR4_1Y	Y	14.136	14.000	0.250	-0.450	0.136	+++
	#SR4_RET	td	0.005	0.050				+
	#BO_SR5_Z	Z	-106.816	-106.831	0.050	-0.050	0.015	++
	#BO_SR5_X	X	35.319	35.302	0.050	-0.050	0.017	++
	#BO_SR5_D	D	10.006	10.000	0.015	0.000	0.006	-
	#BO_SR5_P	td	0.046	0.100				++
	#FL_SR5_1Y	Y	24.055	24.000	0.250	-0.450	0.055	++
	#SR5_RET	td	0.007	0.050				+

#GW_D1___Z	Z	-34.090	-34.106	0.200	-0.200	0.016	+
#GW_D1___X	X	20.873	20.900	0.200	-0.200	-0.027	-
#GW_D1___P	td	0.063	0.400				+
#GW_D2___Z	Z	-1.056	-1.047	0.200	-0.200	-0.009	-
#GW_D2___X	X	-40.012	-39.986	0.200	-0.200	-0.026	-
#GW_D2___P	td	0.054	0.400				+
#GW_D3___Z	Z	33.344	33.355	0.200	-0.200	-0.011	-
#GW_D3___X	X	22.051	22.077	0.200	-0.200	-0.026	-
#GW_D3___P	td	0.057	0.400				+
#P_18H7___Z	Z	104.556	104.550	0.050	-0.050	0.006	+
#P_18H7___X	X	-117.260	-117.257	0.050	-0.050	-0.003	-
#P_18H7___D	D	18.011	18.000	0.018	0.000	0.011	++
#P_18H7___P	td	0.013	0.100				+
#FL18H7___Y	Y	-49.555	49.560	0.050	-0.050	-0.005	-
#P_18H9___Z	Z	104.556	104.550	0.100	-0.100	0.006	+
#P_18H9___X	X	-117.250	-117.257	0.100	-0.100	0.007	+
#P_18H9___D	D	18.028	18.000	0.043	0.000	0.028	++
#P_18H9___P	td	0.020	0.200				+
#BO_P1___Z	Z	41.005	41.011	0.050	-0.050	-0.006	-
#BO_P1___X	X	-197.003	-196.986	0.050	-0.050	-0.017	--
#BO_P1___D	D	12.030	12.000	0.050	0.032	0.030	-0.000
#BO_P1___P	td	0.036	0.100				++
#FL_P1___Y	Y	9.347	9.340	0.050	-0.050	0.007	+
#P_21R7___D	D	20.966	21.000	-0.020	-0.041	-0.034	--
#21R7_CONC	td	0.004	0.100				+
#BO_P2___Y	Y	-30.235	-30.210	0.100	-0.100	-0.025	-
#BO_P2___Z	Z	-0.018	0.000	0.100	-0.100	-0.018	-
#BO_P2___D	D	19.985	20.000	-0.007	-0.028	-0.015	+
#BO_P2___P	td	0.061	0.200				++
#GW_P2___Y	Y	-30.229	-30.210	0.200	-0.200	-0.019	-
#GW_P2___Z	Z	-0.037	0.000	0.200	-0.200	-0.037	-
#GW_P2___P	td	0.083	0.400				+
#FL_P2___X	X	-93.621	93.600	0.100	-0.100	0.021	+
#BO_T1___Y	Y	25.989	26.000	0.200	-0.200	-0.011	-
#BO_T1___Z	Z	-0.040	0.000	0.050	-0.050	-0.040	----
#BO_T1___D	D	21.051	21.050	0.100	-0.100	0.001	+
#BO_T1___P	td	0.083	0.100				++++
#FL_T1___X	X	-192.828	192.853	0.100	-0.100	-0.025	-
#GW_T3___Y	Y	-0.001	0.000	0.200	-0.200	-0.001	-
#GW_T3___Z	Z	-18.967	-19.000	0.200	-0.200	0.033	+

see p. 12

~ #GW_T3__P	td	0.066	0.400					+
- #GW_T3_RET	td	0.070	0.300					+
~ #T1_PLAN	t	0.008	0.300					+
#GW_W1__X	X	-91.144	-91.053	0.200	-0.200	-0.091		--
#GW_W1__Y	Y	77.979	78.000	0.200	-0.200	-0.021		-
~ #GW_W1__P	td	0.187	0.400					++
~ #FL_W1__Z	Z	153.161	153.224	0.200	-0.200	-0.063		--
#GW_W2__X	X	7.802	7.921	0.200	-0.200	-0.119		---
#GW_W2__Y	Y	74.595	74.580	0.200	-0.200	0.015		+
~ #GW_W2__P	td	0.239	0.400					+++
~ #FL_W2__Z	Z	172.762	172.719	0.200	-0.200	0.043		+
#GW_W6__X	X	-73.128	-73.000	0.200	-0.200	-0.128		---
#GW_W6__Y	Y	156.770	156.800	0.200	-0.200	-0.030		-
~ #GW_W6__P	td	0.264	0.400					+++
~ #FL_W6__Z	Z	173.101	173.000	0.200	-0.200	0.101		+++
#GW_W3__X	X	119.883	119.994	0.200	-0.200	-0.111		---
#GW_W3__Y	Y	114.804	114.780	0.200	-0.200	0.024		+
~ #GW_W3__P	td	0.227	0.400					+++
~ #FL_W3__Z	Z	127.162	126.998	0.650	-0.650	0.164		++
#BO_V__X	X	-55.108	-55.000	0.150	-0.150	-0.108		---
#BO_V__Y	Y	138.282	138.300	0.150	-0.150	-0.018		-
~ #BO_V__D	D	6.012	5.995	0.033	-0.033	0.017		+++
~ #BO_V__P	td	0.215	0.300					+++
#BO_PS1__X	X	34.986	35.000	0.050	-0.050	-0.014		--
#BO_PS1__Y	Y	-41.451	-41.460	0.050	-0.050	0.009		+
- #BO_PS1__D	D	9.508	9.500	0.050	-0.050	0.008		+
~ #BO_PS1__P	td	0.033	0.100					++
#BO_PS2__X	X	-35.009	-35.000	0.050	-0.050	-0.009		-
#BO_PS2__Y	Y	-41.468	-41.460	0.050	-0.050	-0.008		-
~ #BO_PS2__D	D	9.512	9.500	0.050	-0.050	0.012		+
- #BO_PS2__P	td	0.025	0.100					+
#GW_PS1__X	X	34.987	35.000	0.200	-0.200	-0.013		-
#GW_PS1__Y	Y	-41.455	-41.460	0.200	-0.200	0.005		+
~ #GW_PS1__P	td	0.029	0.400					+
#GW_PS2__X	X	-35.019	-35.000	0.200	-0.200	-0.019		-
#GW_PS2__Y	Y	-41.464	-41.460	0.200	-0.200	-0.004		-
- #GW_PS2__P	td	0.038	0.400					+
~ #FL_PS1__Z	Z	39.478	39.500	0.100	-0.100	-0.022		-
~ #FL_PS2__Z	Z	39.402	39.500	0.100	-0.100	-0.098		----

- #FL_PS_PLA	t	0.003	0.030					+
~ #FL_PS_INC	tx	0.025	0.200					+
` #FL_PS_PAR	t	0.038	0.100					++
#BO_CA1__X	X	0.057	0.000	0.130	-0.130	0.057		++
#BO_CA1__Y	Y	-11.579	-11.500	0.130	-0.130	-0.079		---
#BO_CA1__D	D	24.123	24.100	0.050	0.000	0.023		-
#BO_CA1__P	td	0.195	0.260					+++
#CA1_ROT	t	0.015	0.015					0.000 <i>ok 3/5</i>
#BO_CA1_2D	D	50.870	50.900	0.050	-0.050	-0.030		---
#BO_CA1_3D	D	56.958	57.000	0.050	-0.050	-0.042		----
#CA1_3_CON	td	0.032	0.100					++
#BO_CA16_X	X	23.368	23.405	0.100	-0.100	-0.037		--
#BO_CA16_Y	Y	23.397	23.405	0.100	-0.100	-0.008		-
#BO_CA16_D	D	5.508	5.500	0.100	-0.100	0.008		+
#BO_CA16_P	td	0.076	0.200					++
#CA16_RET	td	0.009	0.150					+
#BO_CA17_X	X	23.356	23.405	0.100	-0.100	-0.049		--
#BO_CA17_Y	Y	-23.412	-23.405	0.100	-0.100	-0.007		-
#BO_CA17_D	D	5.509	5.500	0.100	-0.100	0.009		+
#BO_CA17_P	td	0.100	0.200					++
#CA17_RET	td	0.005	0.150					+
#BO_CA18_X	X	-23.438	-23.405	0.100	-0.100	-0.033		--
#BO_CA18_Y	Y	-23.417	-23.405	0.100	-0.100	-0.012		-
#BO_CA18_D	D	5.509	5.500	0.100	-0.100	0.009		+
#BO_CA18_P	td	0.070	0.200					++
#CA18_RET	td	0.004	0.150					+
#BO_CA19_X	X	-23.435	-23.405	0.100	-0.100	-0.030		--
#BO_CA19_Y	Y	23.384	23.405	0.100	-0.100	-0.021		-
#BO_CA19_D	D	5.508	5.500	0.100	-0.100	0.008		+
#BO_CA19_P	td	0.073	0.200					++
#CA19_RET	td	0.007	0.150					+
#GW_CA16_X	X	23.384	23.405	0.200	-0.200	-0.021		-
#GW_CA16_Y	Y	23.421	23.405	0.200	-0.200	0.016		+
#GW_CA16_P	td	0.053	0.400					+
#GW_CA17_X	X	23.375	23.405	0.200	-0.200	-0.030		-
#GW_CA17_Y	Y	-23.409	-23.405	0.200	-0.200	-0.004		-
#GW_CA17_P	td	0.060	0.400					+
#GW_CA18_X	X	-23.419	-23.405	0.200	-0.200	-0.014		-
#GW_CA18_Y	Y	-23.402	-23.405	0.200	-0.200	0.003		+

#GW_CA18_P	td	0.028	0.400					+
#GW_CA19_X	X	-23.419	-23.405	0.200	-0.200	-0.014	-	-
#GW_CA19_Y	Y	23.394	23.405	0.200	-0.200	-0.011	-	-
#GW_CA19_P	td	0.036	0.400					+
#FL_CA1_1Z	Z	195.826	195.800	0.050	-0.050	0.026	+++	
#FL_CA1_2Z	Z	53.024	53.000	0.100	-0.100	0.024	+	
#FL_CA1PLA	t	0.001	0.050					+
#FL_CA1RET	t	0.031	0.100					++
#GW_W4__Y	Y	148.620	148.350	0.200	-0.200	0.270	0.070	
#GW_W4__Z	Z	76.065	75.748	0.200	-0.200	0.317	0.117	
#GW_W4__P	td	0.833	0.400					0.433
#FL_W4__X	X	160.287	160.283	0.200	-0.200	0.004	+	
#BO_CA2__Y	Y	-11.529	-11.500	0.130	-0.130	-0.029	-	
#BO_CA2__Z	Z	-0.098	0.000	0.130	-0.130	-0.098	----	
#BO_CA2__D	D	24.125	24.100	0.050	0.000	0.025	+-	
#BO_CA2__P	td	0.203	0.260					++++
#CA2_ROT	t	0.015	0.015					0.000%
#BO_CA2_2D	D	50.872	50.900	0.050	-0.050	-0.028	---	13/05
#BO_CA2_3D	D	56.959	57.000	0.050	-0.050	-0.041	----	
#CA2_3_CON	td	0.127	0.100					0.027
#BO_CA26_Y	Y	23.434	23.405	0.100	-0.100	0.029	++	
#BO_CA26_Z	Z	23.369	23.405	0.100	-0.100	-0.036	--	
#BO_CA26_D	D	5.513	5.500	0.100	-0.100	0.013	+	
#BO_CA26_P	td	0.093	0.200					++
#CA26_RET	td	0.009	0.150					+
#BO_CA27_Y	Y	-23.327	-23.405	0.100	-0.100	0.078	++++	
#BO_CA27_Z	Z	23.368	23.405	0.100	-0.100	-0.037	--	
#BO_CA27_D	D	5.512	5.500	0.100	-0.100	0.012	+	
#BO_CA27_P	td	0.172	0.200					++++
#CA27_RET	td	0.010	0.150					+
#BO_CA28_Y	Y	-23.339	-23.405	0.100	-0.100	0.066	+++	
#BO_CA28_Z	Z	-23.422	-23.405	0.100	-0.100	-0.017	-	
#BO_CA28_D	D	5.513	5.500	0.100	-0.100	0.013	+	
#BO_CA28_P	td	0.136	0.200					+++
#CA28_RET	td	0.009	0.150					+
#BO_CA29_Y	Y	23.442	23.405	0.100	-0.100	0.037	++	
#BO_CA29_Z	Z	-23.425	-23.405	0.100	-0.100	-0.020	-	
#BO_CA29_D	D	5.513	5.500	0.100	-0.100	0.013	+	

✓ #BO_CA29_P	td	0.084	0.200				++
✓ #CA29_RET	td	0.007	0.150				+
#GW_CA26_Y	Y	23.450	23.405	0.200	-0.200	0.045	+
#GW_CA26_Z	Z	23.383	23.405	0.200	-0.200	-0.022	-
✓ #GW_CA26_P	td	0.100	0.400				++
#GW_CA27_Y	Y	-23.314	-23.405	0.200	-0.200	0.091	++
#GW_CA27_Z	Z	23.387	23.405	0.200	-0.200	-0.018	-
✓ #GW_CA27_P	td	0.185	0.400				++
#GW_CA28_Y	Y	-23.335	-23.405	0.200	-0.200	0.070	++
#GW_CA28_Z	Z	-23.411	-23.405	0.200	-0.200	-0.006	-
✓ #GW_CA28_P	td	0.141	0.400				++
#GW_CA29_Y	Y	23.450	23.405	0.200	-0.200	0.045	+
#GW_CA29_Z	Z	-23.416	-23.405	0.200	-0.200	-0.011	-
✓ #GW_CA29_P	td	0.092	0.400				+
✓ #FL_CA2_1X	X	195.754	195.800	0.050	-0.050	-0.046	----
✓ #FL_CA2_2X	X	53.027	53.000	0.100	-0.100	0.027	++
✓ #FL_CA2PLA	t	0.001	0.050				+
✓ #FL_CA2RET	t	0.041	0.100				++
#GW_U_M18X	X	-176.352	-176.187	0.200	-0.200	-0.165	----
#GW_U_M18Y	Y	-23.042	-23.000	0.200	-0.200	-0.042	-
✓ #GW_U_M18P	td	0.341	0.400				++++
✓ #FL_U_M18Z	Z	-121.472	121.364	0.200	-0.200	0.108	+++
✓ #FL_U_PLAN	t	0.009	0.030				++

Pag. 13

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/05/13 16.55.52

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione |

CICLO CNC

```

=====
DISEGNO No. |Indice |PROV.MAC |ZEISS |TIPO MISURA
K_TR_321___FASE1 | |Bz361-538 |Cx ZEISS 1 |TEST

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Santorsola | 9. 5.2013 | PZ. 02 |321_FASE1 |M . |18: 4:43
    
```

TEMP. PEZZO 24.00

IND	NOMI / IDF	{SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
/	#FL_G_Y	Y	-179.834	179.800	0.040	-0.040	0.034	++++
/	#FL_G_PAR	t	0.013	0.080				+
/	#FL_H_PLAN	t	0.046	0.050				++++
/	#H_PLA/100	t	0.007	0.030				+
/	#FL_E1_Y	Y	159.695	159.710	0.000	-0.060	-0.015	+++
/	#FL_E1_PAR	t	0.018	0.100				+
	#FL_E2_Y	Y	159.701	159.710	0.000	-0.060	-0.009	+++
	#FL_E2_PAR	t	0.011	0.100				+
	#BO_K_Z	Z	56.582	56.574	0.050	-0.050	0.008	+
	#BO_K_X	X	151.321	151.310	0.050	-0.050	0.011	+
/	#BO_K_D	D	12.886	12.887	0.014	-0.014	-0.001	-
<	#BO_K_P	td	0.028	0.100				++
/	#BO_K_PERP	td	0.002	0.040				+
/	#BO_K1_D	D	11.280	11.200	0.250	-0.250	0.080	++
/	#BO_K1_CON	td	0.155	0.500				++
	#BO_M_Z	Z	-17.743	-17.751	0.050	-0.050	0.008	+
/	#BO_M_X	X	-165.406	-165.423	0.050	-0.050	0.017	++
/	#BO_M_D	D	12.885	12.887	0.014	-0.014	-0.002	-
/	#BO_M_P	td	0.037	0.100				++
/	#BO_M_PERP	td	0.002	0.040				+
	#GW_M_Z	Z	-17.701	-17.751	0.200	-0.200	0.050	+
	#GW_M_X	X	-165.488	-165.423	0.200	-0.200	-0.065	--
/	#GW_M_P	td	0.163	0.400				++
/	#GW_M_CON	td	0.183	0.300				+++
/	#GW_M_PERP	td	0.024	0.300				+
/	#ANG_K/M	A1	52.361	52.363	0.100	-0.100	-0.002	-

#GW_G1_Z	Z	-133.735	-133.776	0.300	-0.300	0.041	+
#GW_G1_X	X	-99.475	-99.500	0.300	-0.300	0.025	+
#GW_G1_P	td	0.096	0.600				+
#GW_G1_RET	td	0.035	0.200				+
#GR_G3_P	td	1.103	0.800	0.800			0.303
#GR_G4_P	td	0.751	0.800	1.100			+++
#GR_G5_P	td	0.564	0.800	0.916			+++
#GR_G7_P	td	0.481	0.800	0.930			+++
#GW_G9_Z	Z	-58.933	-58.916	0.300	-0.300	-0.017	-
#GW_G9_X	X	171.699	171.643	0.300	-0.300	0.056	+
#GW_G9_P	td	0.116	0.600				+
#GW_G9_RET	td	0.086	0.200				++
#GW_G10_Z	Z	-135.041	-135.041	0.300	-0.300	-0.000	+-
#GW_G10_X	X	128.756	128.745	0.300	-0.300	0.011	+
#GW_G10_P	td	0.022	0.600				+
#GW_G10_RE	td	0.008	0.200				+
#GW_G11_Z	Z	-186.937	-186.964	0.300	-0.300	0.027	+
#GW_G11_X	X	-39.758	-39.783	0.300	-0.300	0.025	+
#GW_G11_P	td	0.074	0.600				+
#GW_G11_RE	td	0.038	0.200				+
#BO_G6_Z	Z	160.711	160.700	0.050	-0.050	0.011	+
#BO_G6_X	X	125.066	125.100	0.050	-0.050	-0.034	---
#BO_G6_D	D	5.978	5.979	0.009	-0.009	-0.001	-
#BO_G6_P	td	0.072	0.100				+++
#BO_G6_RET	td	0.007	0.100				+
#BO_TR3_Z	Z	-136.861	-136.854	0.200	-0.200	-0.007	-
#BO_TR3_X	X	-207.972	-207.975	0.200	-0.200	0.003	+
#BO_TR3_P	td	0.015	0.400				+
#FL_TR3_Y	Y	4.593	4.700	0.100	-0.100	-0.107	-0.007
#BO_PT0_Z	Z	164.483	164.658	0.200	-0.200	-0.175	----
#BO_PT0_X	X	115.340	115.347	0.200	-0.200	-0.007	-
#BO_PT0_P	td	0.350	0.400				++++
#BO_EL_Z	Z	14.301	14.428	0.200	-0.200	-0.127	---
#BO_EL_X	X	173.254	173.257	0.200	-0.200	-0.003	-
#BO_EL_P	td	0.255	0.400				+++
#BO_PT1_Z	Z	-39.204	-39.190	0.200	-0.200	-0.014	-
#BO_PT1_X	X	-192.178	-192.153	0.200	-0.200	-0.025	-
#BO_PT1_D	D	7.421	7.430	0.045	-0.045	-0.009	-

#BO_PT1__P	td	0.057	0.400				+
#FL_PT1__Y	Y	-0.001	0.000	0.200	-0.200	-0.001	-
#BO_PT2__Z	Z	-95.297	-95.248	0.200	-0.200	-0.049	-
#BO_PT2__X	X	-212.818	-212.844	0.200	-0.200	0.026	+
#BO_PT2__D	D	7.424	7.430	0.045	-0.045	-0.006	-
#BO_PT2__P	td	0.111	0.400				++
#FL_PT2__Y	Y	-0.004	0.000	0.200	-0.200	-0.004	-
#GW_PT3__Z	Z	-49.973	-50.004	0.200	-0.200	0.031	+
#GW_PT3__X	X	-257.363	-257.369	0.200	-0.200	0.006	+
#GW_PT3__P	td	0.063	0.400				+
#FL_PT3__Y	Y	75.392	75.500	0.200	-0.200	-0.108	---
#GW_HP1__Z	Z	-24.086	-24.000	0.200	-0.200	-0.086	--
#GW_HP1__X	X	-262.109	-262.000	0.200	-0.200	-0.109	---
#GW_HP1__P	td	0.278	0.400				+++
#FL_HP1__Y	Y	129.686	129.800	0.200	-0.200	-0.114	---
#GW_HP2__Z	Z	86.452	86.523	0.200	-0.200	-0.071	--
#GW_HP2__X	X	-201.213	-201.144	0.200	-0.200	-0.069	--
#GW_HP2__P	td	0.198	0.400				++
#FL_HP2__Y	Y	129.691	129.800	0.200	-0.200	-0.109	---
#ASOL_DIST	Z	10.097	10.000	0.100	-0.100	0.097	++++
#ASOL_D__Z	Z	0.026	0.000	0.050	-0.050	0.026	+++
#ASOL_D__X	X	-42.605	-42.500	0.050	-0.300	-0.105	+
#ASOL_D__D	D	10.053	10.000	0.100	-0.100	0.053	+++
#ASOL_P(M)	td	0.217	0.100	0.253			++++
#BO_D72__D	D	72.094	72.100	0.050	-0.050	-0.006	-
#D72_CONC	td	0.026	0.100				++
#LAM_P_64	X	6.235	6.550	0.150	-0.150	-0.315	-0.165
#LAM_P_11	Z	8.938	9.000	0.150	-0.150	-0.062	--
#GW_DS1__R	R	46.008	46.000	0.150	-0.150	0.008	+
#GW_DS1__AN	X/Z A1	162.005	162.000	0.150	-0.150	0.005	+
#GW_DS1__P	td	0.019	0.300				+
#GW_DS1__D	D	17.534	17.500	0.100	-0.100	0.034	++
#CONC_17/1	td	0.033	0.200				+
#FL_DS1__Y	Y	3.992	4.000	0.100	-0.100	-0.008	-
#GW_DS2__R	R	46.023	46.000	0.150	-0.150	0.023	+
#GW_DS2__AN	X/Z A1	54.074	54.000	0.150	-0.150	0.074	++
#GW_DS2__P	td	0.128	0.300				++

∩	#GW_DS2__D	D	17.530	17.500	0.100	-0.100	0.030	++
-	#CONC_17/2	td	0.021	0.200				+
∩	#FL_DS2__Y	Y	3.973	4.000	0.100	-0.100	-0.027	--
	#GW_DS3__R	R	45.970	46.000	0.150	-0.150	-0.030	-
	#GW_DS3__AN	X/Z A1	306.043	-54.000	0.150	-0.150	0.043	++
-	#GW_DS3__P	td	0.092	0.300				++
-	#GW_DS3__D	D	17.533	17.500	0.100	-0.100	0.033	++
∩	#CONC_17/3	td	0.016	0.200				+
∩	#FL_DS3__Y	Y	3.993	4.000	0.100	-0.100	-0.007	-
	#FL_D/G__Y	Y	161.324	161.400	0.000	-0.100	-0.076	---
	#GW_CA11_Z	Z	90.704	91.000	0.200	-0.200	-0.296	-0.096
	#GW_CA11_X	X	-60.209	-60.000	0.200	-0.200	-0.209	-0.009
∩	#GW_CA11_P	td	0.725	0.400				0.325
	#FL_CA11_Y	Y	0.003	0.000	0.100	-0.100	0.003	+
	#GW_CA12_Z	Z	91.192	91.000	0.200	-0.200	0.192	++++
	#GW_CA12_X	X	59.654	60.000	0.200	-0.200	-0.346	-0.146
-	#GW_CA12_P	td	0.792	0.400				0.392
	#FL_CA12_Y	Y	-0.015	0.000	0.100	-0.100	-0.015	-
	#GW_CA13_Z	Z	122.799	123.000	0.200	-0.200	-0.201	-0.001
	#GW_CA13_X	X	-32.811	-32.500	0.200	-0.200	-0.311	-0.111
	#GW_CA13_P	td	0.741	0.400				0.341
	#BO_CA13_Z	Z	122.989	123.000	0.050	-0.050	-0.011	-
	#BO_CA13_X	X	-32.529	-32.500	0.050	-0.050	-0.029	---
∩	#BO_CA13_D	D	11.517	11.500	0.018	0.000	0.017	++++
∩	#BO_CA13_P	td	0.063	0.100				+++
∩	#FL_CA13_Y	Y	4.135	4.100	0.200	-0.200	0.035	+
	#GW_CA14_Z	Z	123.081	123.000	0.200	-0.200	0.081	++
	#GW_CA14_X	X	32.068	32.500	0.200	-0.200	-0.432	-0.232
-	#GW_CA14_P	td	0.879	0.400				0.479
	#FL_CA14_Y	Y	-0.005	0.000	0.200	-0.200	-0.005	-
	#BO_CA15_Z	Z	41.004	41.000	0.050	-0.050	0.004	+
	#BO_CA15_X	X	-0.008	0.000	0.050	-0.050	-0.008	-
∩	#BO_CA15_D	D	6.007	6.000	0.012	0.000	0.007	+
∩	#BO_CA15_P	td	0.017	0.100				+
∩	#CA15_RET	td	0.009	0.050				+
	#GW_CA21_Z	Z	59.831	60.000	0.200	-0.200	-0.169	----
	#GW_CA21_X	X	93.091	93.000	0.200	-0.200	0.091	++

#GW_CA21_P	td	0.384	0.400				++++
#FL_CA21_Y	Y	-0.007	0.000	0.100	-0.100	-0.007	-
#GW_CA22_Z	Z	-60.163	-60.000	0.200	-0.200	-0.163	----
#GW_CA22_X	X	92.773	93.000	0.200	-0.200	-0.227	-0.027
#GW_CA22_P	td	0.558	0.400				0.158
#FL_CA22_Y	Y	-0.009	0.000	0.100	-0.100	-0.009	-
#GW_CA23_Z	Z	32.249	32.500	0.200	-0.200	-0.251	-0.051
#GW_CA23_X	X	123.038	123.000	0.200	-0.200	0.038	+
#GW_CA23_P	td	0.507	0.400				0.107
#BO_CA23_Z	Z	32.521	32.500	0.050	-0.050	0.021	++
#BO_CA23_X	X	123.008	123.000	0.050	-0.050	0.008	+
#BO_CA23_D	D	11.518	11.500	0.018	0.000	0.018	0.000
#BO_CA23_P	td	0.046	0.100				++
#FL_CA23_Y	Y	4.193	4.100	0.200	-0.200	0.093	++
#CA23_RET	td	0.005	0.050				+
#GW_CA24_Z	Z	-32.762	-32.500	0.200	-0.200	-0.262	-0.062
#GW_CA24_X	X	122.865	123.000	0.200	-0.200	-0.135	---
#GW_CA24_P	td	0.589	0.400				0.189
#FL_CA24_Y	Y	-0.006	0.000	0.200	-0.200	-0.006	-
#BO_CA25_Z	Z	-0.011	0.000	0.050	-0.050	-0.011	-
#BO_CA25_X	X	40.995	41.000	0.050	-0.050	-0.005	-
#BO_CA25_D	D	6.008	6.000	0.012	0.000	0.008	++
#BO_CA25_P	td	0.024	0.100				+
#CA25_RET	td	0.003	0.050				+
#BO_J_Z	Z	146.840	146.846	0.030	-0.030	-0.006	-
#BO_J_X	X	76.169	76.161	0.030	-0.030	0.008	++
#BO_J_D	D	10.003	10.000	0.028	0.013	0.009	-0.000
#BO_J_P	td	0.020	0.060				++
#BO_R_Z	Z	-176.002	-176.000	0.030	-0.030	-0.002	-
#BO_R_X	X	-70.491	-70.500	0.030	-0.030	0.009	++
#BO_R_D	D	10.013	10.000	0.028	0.013	0.011	-0.000
#BO_R_P	td	0.019	0.060				++
#BO_J_RET	td	0.005	0.030				+
#BO_R_RET	td	0.003	0.030				+
#BO_D68__D	D	67.970	68.000	-0.014	-0.033	-0.030	---
#D68_RET	td	0.004	0.030				+
#BO_D62__D	D	62.011	62.000	0.046	0.000	0.011	---
#D62_CONC	td	0.010	0.050				+

Handwritten notes:
 on 12/14/04
 stop

#FL_D1___Y	Y	-8.485	8.500	0.030	-0.030	-0.015	---
#FL_D1_PAR	t	0.058	0.030				0.028
#FL_D2___Y	Y	14.715	14.750	0.080	-0.080	-0.035	--
#BO_L_Z	Z	-70.323	-70.330	0.025	-0.025	0.007	++
#BO_L_X	X	-38.129	-38.127	0.025	-0.025	-0.002	-
#BO_L_D	D	59.949	60.000	-0.035	-0.054	-0.051	---
#BO_L_P	td	0.015	0.050				++
#BO_L_RET	td	0.006	0.030				+
#BO_L_2__D	D	55.038	55.000	0.050	-0.050	0.038	++++
#FL_L_Y	Y	-46.847	46.800	0.100	-0.100	0.047	++
#FL_L_2_Y	Y	-28.329	28.300	0.100	-0.100	0.029	++
#BO_S_Z	Z	15.907	15.906	0.025	-0.025	0.001	+
#BO_S_X	X	-94.676	-94.673	0.025	-0.025	-0.003	-
#BO_S_D	D	59.947	60.000	-0.035	-0.054	-0.053	----
#BO_S_P	td	0.007	0.050				+
#BO_S_RET	td	0.014	0.030				++
#BO_S_2__D	D	55.004	55.000	0.050	-0.050	0.004	+
#FL_S_Y	Y	-46.854	46.800	0.100	-0.100	0.054	+++
#FL_S_2_Y	Y	-28.346	28.300	0.100	-0.100	0.046	++
#ANG1_S1	A1	15.070	16.500	1.000	-1.000	-1.430	-0.430
#ANG2_S1	A2	44.844	45.000	0.500	-0.500	-0.156	--
#S1_D	D	6.272	6.000	0.300	0.000	0.272	++++
#S1_Z	Z	-5.634	5.000	0.100	-0.100	0.634	0.534
#BO_F_Z	Z	-89.607	-89.601	0.025	-0.025	-0.006	-
#BO_F_X	X	-165.279	-165.274	0.025	-0.025	-0.005	-
#BO_F_D	D	65.072	65.000	0.080	0.061	0.072	+
#BO_F_P	td	0.016	0.050				++
#BO_F_RET	td	0.008	0.030				++
#FL_F_Y	Y	-107.065	107.120	0.080	-0.080	-0.055	---
#FL_F_PAR	t	0.050	0.030				0.020
#BO_F2_D	D	55.038	55.000	0.046	0.000	0.038	+++
#BO_F2_CON	td	0.003	0.050				+
#BO_F61_D	D	60.968	61.000	0.300	-0.300	-0.032	-
#FL_F61_Y	Y	-119.058	119.100	0.100	-0.100	-0.042	--
#BO_L_ROT	t	0.006	0.008				++++
#BO_S_ROT	t	0.011	0.008				0.003

#BO_D_ROT	t	0.011	0.010				0.001
#BO_F_ROT	t	0.010	0.010				++++
#BO_D_LIN	tx	0.006	0.006				++++
#BO_S_LIN	tx	0.008	0.006				0.002
#BO_L_LIN	tx	0.005	0.006				++++
#BO_F_LIN	tx	0.006	0.006				++++
#BO_F/L_PO	R	128.604	128.600	0.025	-0.025	0.004	+
#BO_F/S_PO	R	126.956	126.950	0.025	-0.025	0.006	++
#BO_D/S_PO	R	96.001	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	188.005	188.000	0.025	-0.025	0.005	+
#GW_01__Z	Z	-147.710	-147.700	0.200	-0.200	-0.010	-
#GW_01__X	X	103.000	103.000	0.200	-0.200	0.000	+-
#GW_01__P	td	0.020	0.400				+
#BO_DG1__Z	Z	87.731	87.732	0.025	-0.025	-0.001	-
#BO_DG1__X	X	20.212	20.223	0.025	-0.025	-0.011	--
#BO_DG1__D	D	10.030	10.000	0.040	0.025	0.030	--
#BO_DG1__P	td	0.023	0.050				++
#FL_DG1_1Y	Y	-2.687	2.700	0.050	-0.050	-0.013	--
#DG1_RET	td	0.008	0.050				+
#BO_DG2__Z	Z	62.140	62.138	0.025	-0.025	0.002	+
#BO_DG2__X	X	53.537	53.523	0.025	-0.025	0.014	+++
#BO_DG2__D	D	8.030	8.000	0.040	0.025	0.030	--
#BO_DG2__P	td	0.028	0.050				+++
#FL_DG2_1Y	Y	-2.685	2.700	0.050	-0.050	-0.015	--
#DG2_RET	td	0.002	0.050				+
#BO_DG3__Z	Z	4.549	4.545	0.025	-0.025	0.004	+
#BO_DG3__X	X	83.802	83.787	0.025	-0.025	0.015	+++
#BO_DG3__D	D	8.029	8.000	0.040	0.025	0.029	---
#BO_DG3__P	td	0.031	0.050				+++
#FL_DG3_1Y	Y	-2.682	2.700	0.050	-0.050	-0.018	--
#DG3_RET	td	0.003	0.050				+
#BO_DG4__Z	Z	-37.433	-37.437	0.025	-0.025	0.004	+
#BO_DG4__X	X	84.988	84.997	0.025	-0.025	-0.009	--
#BO_DG4__D	D	10.026	10.000	0.040	0.025	0.026	----
#BO_DG4__P	td	0.019	0.050				++
#FL_DG4_1Y	Y	-2.680	2.700	0.050	-0.050	-0.020	--

#GW_D1__Z	Z	-34.101	-34.106	0.200	-0.200	0.005	+
#GW_D1__X	X	20.877	20.900	0.200	-0.200	-0.023	-
#GW_D1__P	td	0.047	0.400				+
#GW_D2__Z	Z	-1.051	-1.047	0.200	-0.200	-0.004	-
#GW_D2__X	X	-40.018	-39.986	0.200	-0.200	-0.032	-
#GW_D2__P	td	0.064	0.400				+
#GW_D3__Z	Z	33.352	33.355	0.200	-0.200	-0.003	-
#GW_D3__X	X	22.054	22.077	0.200	-0.200	-0.023	-
#GW_D3__P	td	0.046	0.400				+
#P_18H7__Z	Z	104.560	104.550	0.050	-0.050	0.010	+
#P_18H7__X	X	-117.260	-117.257	0.050	-0.050	-0.003	-
#P_18H7__D	D	18.011	18.000	0.018	0.000	0.011	+
#P_18H7__P	td	0.020	0.100				+
#FL18H7__Y	Y	-49.550	49.560	0.050	-0.050	-0.010	-
#P_18H9__Z	Z	104.556	104.550	0.100	-0.100	0.006	+
#P_18H9__X	X	-117.255	-117.257	0.100	-0.100	0.002	+
#P_18H9__D	D	18.026	18.000	0.043	0.000	0.026	+
#P_18H9__P	td	0.013	0.200				+
#BO_P1__Z	Z	41.012	41.011	0.050	-0.050	0.001	+
#BO_P1__X	X	-197.004	-196.986	0.050	-0.050	-0.018	--
#BO_P1__D	D	12.030	12.000	0.050	0.032	0.030	-0.002
#BO_P1__P	td	0.037	0.100				++
#FL_P1__Y	Y	9.359	9.340	0.050	-0.050	0.019	++
#P_21R7__D	D	20.966	21.000	-0.020	-0.041	-0.034	--
#21R7__CONC	td	0.003	0.100				+
#BO_P2__Y	Y	-30.230	-30.210	0.100	-0.100	-0.020	-
#BO_P2__Z	Z	-0.024	0.000	0.100	-0.100	-0.024	-
#BO_P2__D	D	19.984	20.000	-0.007	-0.028	-0.016	+
#BO_P2__P	td	0.062	0.200				++
#GW_P2__Y	Y	-30.230	-30.210	0.200	-0.200	-0.020	-
#GW_P2__Z	Z	-0.046	0.000	0.200	-0.200	-0.046	-
#GW_P2__P	td	0.100	0.400				+
#FL_P2__X	X	-93.627	93.600	0.100	-0.100	0.027	++
#BO_T1__Y	Y	26.010	26.000	0.200	-0.200	0.010	+
#BO_T1__Z	Z	-0.059	0.000	0.050	-0.050	-0.059	-0.009
#BO_T1__D	D	21.053	21.050	0.100	-0.100	0.003	+
#BO_T1__P	td	0.120	0.100				0.020
#FL_T1__X	X	-192.832	192.853	0.100	-0.100	-0.021	-
#GW_T3__Y	Y	-0.006	0.000	0.200	-0.200	-0.006	-
#GW_T3__Z	Z	-18.982	-19.000	0.200	-0.200	0.018	+

OK
13/10/11

^ #GW_T3__P	td	0.038	0.400				+
^ #GW_T3_RET	td	0.159	0.300				+++
^ #T1_PLAN	t	0.009	0.300				+
#GW_W1__X	X	-91.163	-91.053	0.200	-0.200	-0.110	---
#GW_W1__Y	Y	77.994	78.000	0.200	-0.200	-0.006	-
^ #GW_W1__P	td	0.221	0.400				+++
^ #FL_W1__Z	Z	153.154	153.224	0.200	-0.200	-0.070	--
#GW_W2__X	X	7.789	7.921	0.200	-0.200	-0.132	---
#GW_W2__Y	Y	74.609	74.580	0.200	-0.200	0.029	+
^ #GW_W2__P	td	0.270	0.400				+++
^ #FL_W2__Z	Z	172.759	172.719	0.200	-0.200	0.040	+
#GW_W6__X	X	-73.143	-73.000	0.200	-0.200	-0.143	---
#GW_W6__Y	Y	156.776	156.800	0.200	-0.200	-0.024	-
-#GW_W6__P	td	0.290	0.400				+++
^ #FL_W6__Z	Z	173.099	173.000	0.200	-0.200	0.099	++
#GW_W3__X	X	119.903	119.994	0.200	-0.200	-0.091	--
#GW_W3__Y	Y	114.823	114.780	0.200	-0.200	0.043	+
^ #GW_W3__P	td	0.201	0.400				+++
^ #FL_W3__Z	Z	127.173	126.998	0.650	-0.650	0.175	++
#BO_V__X	X	-55.113	-55.000	0.150	-0.150	-0.113	----
#BO_V__Y	Y	138.296	138.300	0.150	-0.150	-0.004	-
^ #BO_V__D	D	6.015	5.995	0.033	-0.033	0.020	+++
^ #BO_V__P	td	0.228	0.300				++++
#BO_PS1__X	X	34.981	35.000	0.050	-0.050	-0.019	--
#BO_PS1__Y	Y	-41.450	-41.460	0.050	-0.050	0.010	+
^ #BO_PS1__D	D	9.509	9.500	0.050	-0.050	0.009	+
^ #BO_PS1__P	td	0.043	0.100				++
#BO_PS2__X	X	-35.019	-35.000	0.050	-0.050	-0.019	--
#BO_PS2__Y	Y	-41.467	-41.460	0.050	-0.050	-0.007	-
^ #BO_PS2__D	D	9.514	9.500	0.050	-0.050	0.014	++
^ #BO_PS2__P	td	0.041	0.100				++
#GW_PS1__X	X	34.982	35.000	0.200	-0.200	-0.018	-
#GW_PS1__Y	Y	-41.456	-41.460	0.200	-0.200	0.004	+
^ #GW_PS1__P	td	0.036	0.400				+
#GW_PS2__X	X	-35.037	-35.000	0.200	-0.200	-0.037	-
#GW_PS2__Y	Y	-41.461	-41.460	0.200	-0.200	-0.001	-
^ #GW_PS2__P	td	0.075	0.400				+
^ #FL_PS1__Z	Z	39.472	39.500	0.100	-0.100	-0.028	--
^ #FL_PS2__Z	Z	39.390	39.500	0.100	-0.100	-0.110	-0.010

#FL_PS_PLA	t	0.003	0.030				+
#FL_PS_INC	tx	0.045	0.200				+
#FL_PS_PAR	t	0.042	0.100				++
#BO_CA1__X	X	0.049	0.000	0.130	-0.130	0.049	++
#BO_CA1__Y	Y	-11.564	-11.500	0.130	-0.130	-0.064	--
#BO_CA1__D	D	24.123	24.100	0.050	0.000	0.023	-
#BO_CA1__P	td	0.161	0.260				+++
#CA1_ROT	t	0.006	0.015				++
#BO_CA1_2D	D	50.871	50.900	0.050	-0.050	-0.029	---
#BO_CA1_3D	D	56.958	57.000	0.050	-0.050	-0.042	----
#CA1_3_CON	td	0.044	0.100				++
#BO_CA16_X	X	23.376	23.405	0.100	-0.100	-0.029	--
#BO_CA16_Y	Y	23.390	23.405	0.100	-0.100	-0.015	-
#BO_CA16_D	D	5.508	5.500	0.100	-0.100	0.008	+
#BO_CA16_P	td	0.066	0.200				++
#CA16_RET	td	0.008	0.150				+
#BO_CA17_X	X	23.363	23.405	0.100	-0.100	-0.042	--
#BO_CA17_Y	Y	-23.411	-23.405	0.100	-0.100	-0.006	-
#BO_CA17_D	D	5.509	5.500	0.100	-0.100	0.009	+
#BO_CA17_P	td	0.085	0.200				++
#CA17_RET	td	0.010	0.150				+
#BO_CA18_X	X	-23.421	-23.405	0.100	-0.100	-0.016	-
#BO_CA18_Y	Y	-23.411	-23.405	0.100	-0.100	-0.006	-
#BO_CA18_D	D	5.508	5.500	0.100	-0.100	0.008	+
#BO_CA18_P	td	0.034	0.200				+
#CA18_RET	td	0.014	0.150				+
#BO_CA19_X	X	-23.433	-23.405	0.100	-0.100	-0.028	--
#BO_CA19_Y	Y	23.382	23.405	0.100	-0.100	-0.023	-
#BO_CA19_D	D	5.510	5.500	0.100	-0.100	0.010	+
#BO_CA19_P	td	0.072	0.200				++
#CA19_RET	td	0.010	0.150				+
#GW_CA16_X	X	23.397	23.405	0.200	-0.200	-0.008	-
#GW_CA16_Y	Y	23.432	23.405	0.200	-0.200	0.027	+
#GW_CA16_P	td	0.057	0.400				+
#GW_CA17_X	X	23.384	23.405	0.200	-0.200	-0.021	-
#GW_CA17_Y	Y	-23.410	-23.405	0.200	-0.200	-0.005	-
#GW_CA17_P	td	0.042	0.400				+
#GW_CA18_X	X	-23.407	-23.405	0.200	-0.200	-0.002	-
#GW_CA18_Y	Y	-23.408	-23.405	0.200	-0.200	-0.003	-

#GW_CA18_P	td	0.008	0.400					+
#GW_CA19_X	X	-23.413	-23.405	0.200	-0.200	-0.008	-	-
#GW_CA19_Y	Y	23.394	23.405	0.200	-0.200	-0.011	-	-
#GW_CA19_P	td	0.027	0.400					+
#FL_CA1_1Z	Z	195.829	195.800	0.050	-0.050	0.029	+++	
#FL_CA1_2Z	Z	53.028	53.000	0.100	-0.100	0.028	++	
#FL_CA1PLA	t	0.001	0.050					+
#FL_CA1RET	t	0.036	0.100					++
#GW_W4_Y	Y	148.656	148.350	0.200	-0.200	0.306	0.106	
#GW_W4_Z	Z	76.072	75.748	0.200	-0.200	0.324	0.124	
#GW_W4_P	td	0.892	0.400					0.492
#FL_W4_X	X	160.277	160.283	0.200	-0.200	-0.006	-	
#BO_CA2_Y	Y	-11.498	-11.500	0.130	-0.130	0.002	+	
#BO_CA2_Z	Z	-0.066	0.000	0.130	-0.130	-0.066	---	
#BO_CA2_D	D	24.124	24.100	0.050	0.000	0.024	-	
#BO_CA2_P	td	0.133	0.260					+++
#CA2_ROT	t	0.015	0.015					0.000 <i>over 10</i>
#BO_CA2_2D	D	50.871	50.900	0.050	-0.050	-0.029	---	
#BO_CA2_3D	D	56.961	57.000	0.050	-0.050	-0.039	----	
#CA2_3_CON	td	0.114	0.100					0.014
#BO_CA26_Y	Y	23.458	23.405	0.100	-0.100	0.053	+++	
#BO_CA26_Z	Z	23.349	23.405	0.100	-0.100	-0.056	---	
#BO_CA26_D	D	5.512	5.500	0.100	-0.100	0.012	+	
#BO_CA26_P	td	0.154	0.200					++++
#CA26_RET	td	0.007	0.150					+
#BO_CA27_Y	Y	-23.319	-23.405	0.100	-0.100	0.086	++++	
#BO_CA27_Z	Z	23.359	23.405	0.100	-0.100	-0.046	--	
#BO_CA27_D	D	5.513	5.500	0.100	-0.100	0.013	+	
#BO_CA27_P	td	0.196	0.200					++++
#CA27_RET	td	0.004	0.150					+
#BO_CA28_Y	Y	-23.327	-23.405	0.100	-0.100	0.078	++++	
#BO_CA28_Z	Z	-23.443	-23.405	0.100	-0.100	-0.038	--	
#BO_CA28_D	D	5.512	5.500	0.100	-0.100	0.012	+	
#BO_CA28_P	td	0.175	0.200					++++
#CA28_RET	td	0.009	0.150					+
#BO_CA29_Y	Y	23.452	23.405	0.100	-0.100	0.047	++	
#BO_CA29_Z	Z	-23.441	-23.405	0.100	-0.100	-0.036	--	
#BO_CA29_D	D	5.514	5.500	0.100	-0.100	0.014	+	

#BO_CA29_P	td	0.119	0.200				+++
#CA29_RET	td	0.008	0.150				+
#GW_CA26_Y	Y	23.488	23.405	0.200	-0.200	0.083	++
#GW_CA26_Z	Z	23.354	23.405	0.200	-0.200	-0.051	--
#GW_CA26_P	td	0.195	0.400				++
#GW_CA27_Y	Y	-23.313	-23.405	0.200	-0.200	0.092	++
#GW_CA27_Z	Z	23.378	23.405	0.200	-0.200	-0.027	-
#GW_CA27_P	td	0.191	0.400				++
#GW_CA28_Y	Y	-23.316	-23.405	0.200	-0.200	0.089	++
#GW_CA28_Z	Z	-23.404	-23.405	0.200	-0.200	0.001	+
#GW_CA28_P	td	0.178	0.400				++
#GW_CA29_Y	Y	23.467	23.405	0.200	-0.200	0.062	++
#GW_CA29_Z	Z	-23.425	-23.405	0.200	-0.200	-0.020	-
#GW_CA29_P	td	0.131	0.400				++
#FL_CA2_1X	X	195.756	195.800	0.050	-0.050	-0.044	----
#FL_CA2_2X	X	53.028	53.000	0.100	-0.100	0.028	++
#FL_CA2PLA	t	0.001	0.050				+
#FL_CA2RET	t	0.051	0.100				+++
#GW_U_M18X	X	-176.344	-176.187	0.200	-0.200	-0.157	----
#GW_U_M18Y	Y	-23.060	-23.000	0.200	-0.200	-0.060	--
#GW_U_M18P	td	0.336	0.400				++++
#FL_U_M18Z	Z	-121.486	121.364	0.200	-0.200	0.122	+++
#FL_U_PLAN	t	0.007	0.030				+

Pag. 13

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/05/13 18.59.26

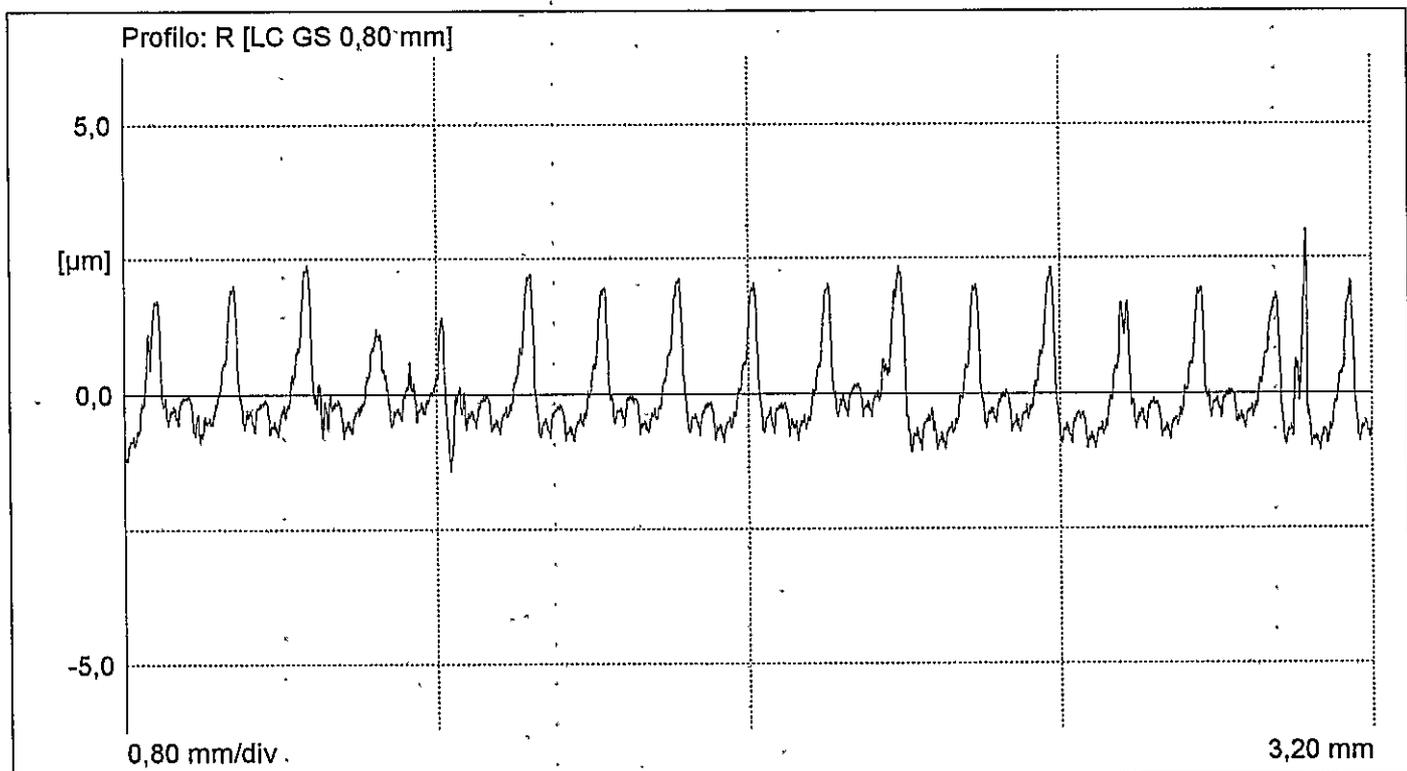


Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	PZ 17
Operatore:	TURNO D
Data, ora:	13/05/2013, 10:15
Nota:	RZ FORO SR2
Tastatore:	MFV-250 GOLE -20

MACCHINA:	MOA 416121 002
-----------	----------------



LC (GS)	0,80	mm
LT	4,80	mm
LM	3,20	mm
Z	4	
VB	±250	µm
Ra	0,59	µm
Rmax	4,07	µm
Rz	3,68	µm
R Sm	170,04	µm

PERTHOMETER CONCEPT

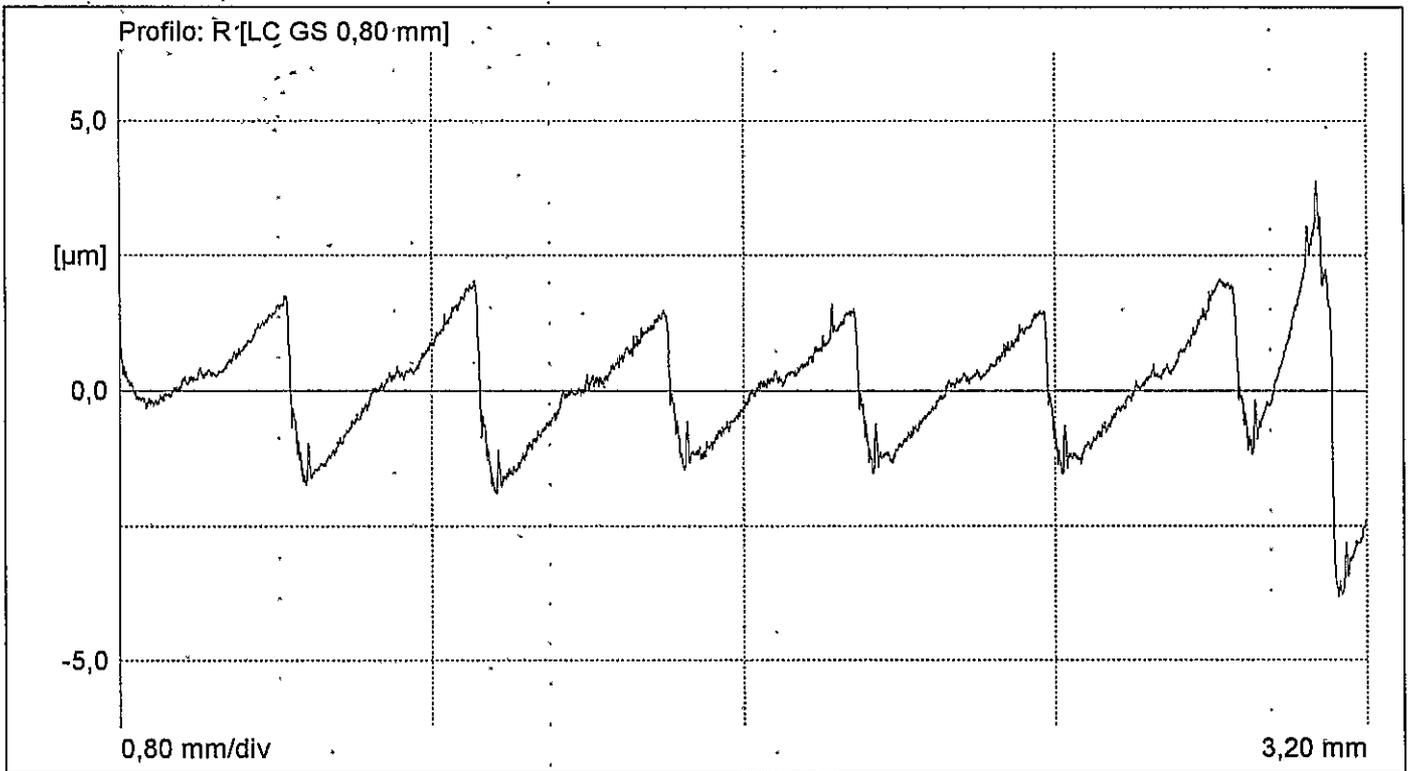


Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	PZ 17
Operatore:	TURNO D
Data, ora:	13/05/2013, 10:01
Nota:	RZ FORO SR5_1
Tastatore:	MFV-250 GOLE -20

MACCHINA:	MOA 416121 002
-----------	----------------



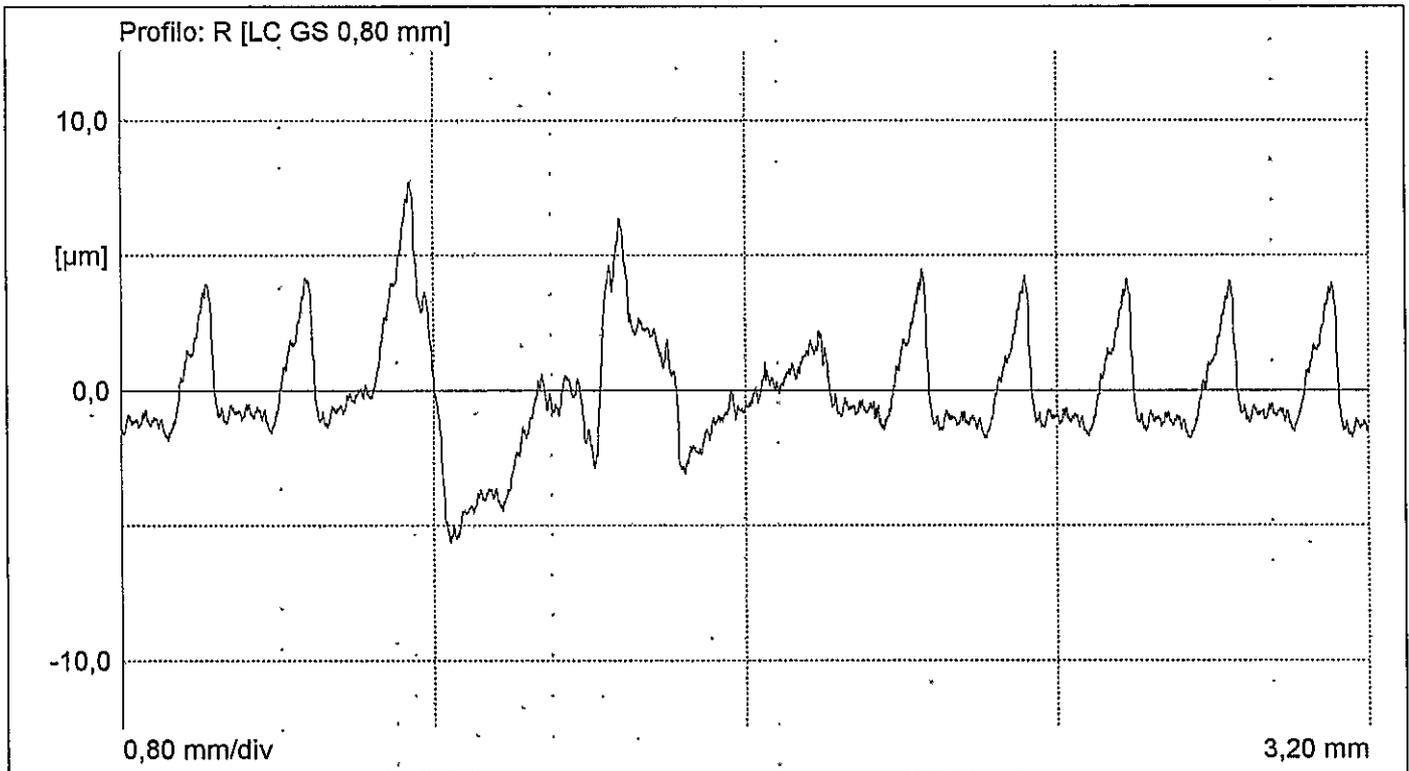
LC (GS)	0,80	mm
LT	4,80	mm
LM	3,20	mm
Z	4	
VB	±250	µm
Ra	0,85	µm
Rmax	7,70	µm
Rz	4,56	µm



Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	PZ 17
Operatore:	TURNO D
Data, ora:	13/05/2013, 10:12
Nota:	RZ FORO DG4
Tastatore:	MFW-250 GOLE -20
MACCHINA:	MOA 416121 002



LC (GS)	0,80	mm
LT	4,80	mm
LM	3,20	mm
Z	4	
VB	±250	µm
Ra	1,62	µm
Rmax	11,99	µm
Rz	8,42	µm
R Sm	320,74	µm

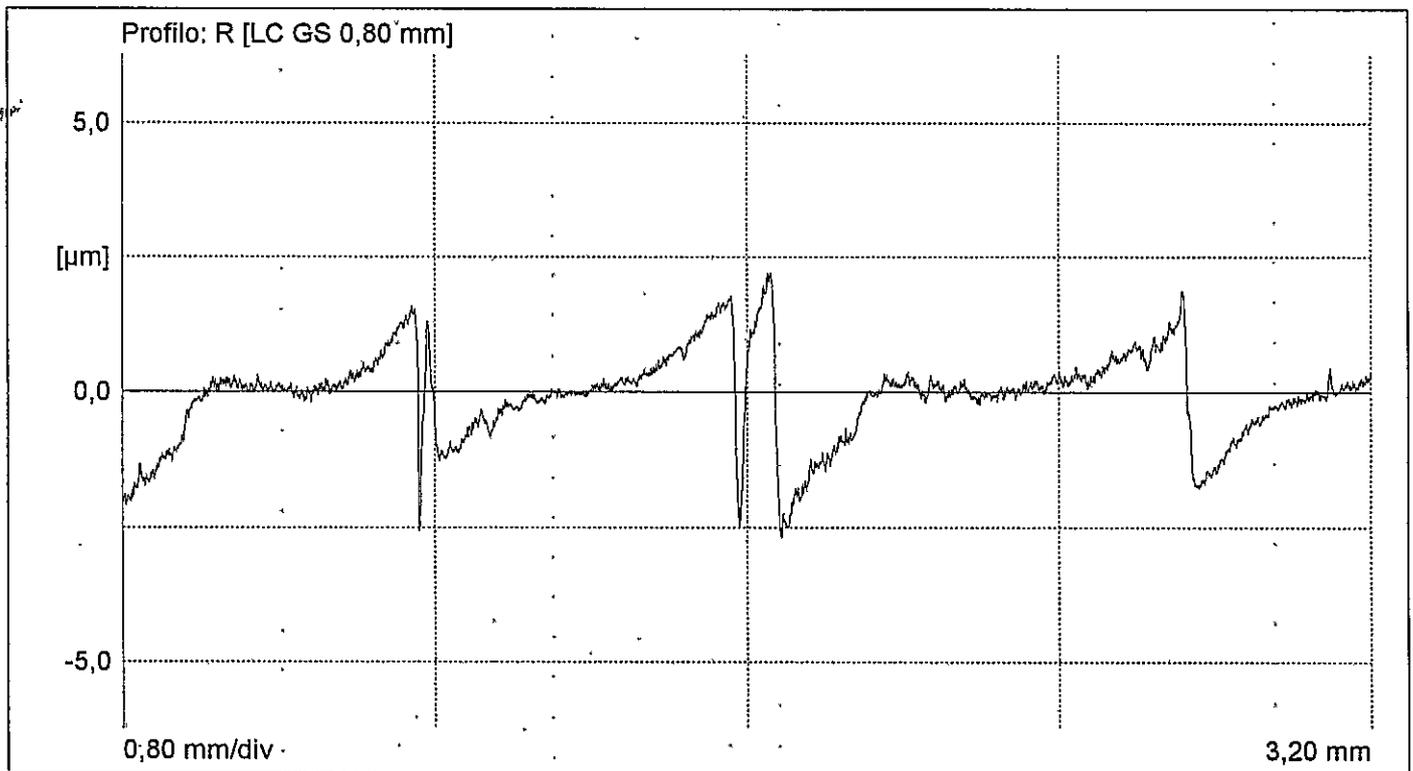
PERTHOMETER CONCEPT



Via dei Ciclamini 4 Modugno Bari

Sala Metrologica GPS5

Oggetto:	CH 3321
Numero:	PZ 17
Operatore:	TURNO D
Data, ora:	13/05/2013, 11:18
Nota:	Rz FORO DG2
Tastatore:	MFW-250 GOLE -20
MACCHINA:	MOA 416121 002



LC (GS)	0,80	mm
LT	4,80	mm
LM	3,20	mm
Z	4	
VB	±250	µm
Ra	0,57	µm
Rmax	4,87	µm
Rz	4,22	µm
R Sm	549,25	µm

PERTHOMETER CONCEPT

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC

DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
 K_TR_321__FASE1 | | Bz361-538 | Cx ZEISS 1 | MIS. PERIODICA

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
 Partipilo | 8. 5.2013 | PEZZO 4 | 321_FASE1 | L . | 23:55:32

TEMP. PEZZO 22.13

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
c	#FL_G_Y	Y	-179.815	179.800	0.040	-0.040	0.015	++
o	#FL_G_PAR	t	0.013	0.080				+
q	#FL_H_PLAN	t	0.015	0.050				++
y	#H_PLA/100	t	0.010	0.030				++
y	#FL_E1_Y	Y	159.692	159.710	0.000	-0.060	-0.018	++
	#FL_E1_PAR	t	0.019	0.100				+
'	#FL_E2_Y	Y	159.697	159.710	0.000	-0.060	-0.013	+++
'	#FL_E2_PAR	t	0.012	0.100				+
	#BO_K_Z	Z	56.588	56.574	0.050	-0.050	0.014	++
	#BO_K_X	X	151.310	151.310	0.050	-0.050	0.000	+-
o	#BO_K_D	D	12.885	12.887	0.014	-0.014	-0.002	-
o	#BO_K_P	td	0.028	0.100				++
o	#BO_K_PERP	td	0.003	0.040				+
o	#BO_K1_D	D	11.274	11.200	0.250	-0.250	0.074	++
o	#BO_K1_CON	td	0.242	0.500				++
	#BO_M_Z	Z	-17.736	-17.751	0.050	-0.050	0.015	++
	#BO_M_X	X	-165.408	-165.423	0.050	-0.050	0.015	++
o	#BO_M_D	D	12.884	12.887	0.014	-0.014	-0.003	-
o	#BO_M_P	td	0.043	0.100				++
o	#BO_M_PERP	td	0.002	0.040				+
	#GW_M_Z	Z	-17.698	-17.751	0.200	-0.200	0.053	++
	#GW_M_X	X	-165.481	-165.423	0.200	-0.200	-0.058	--
y	#GW_M_P	td	0.157	0.400				++
o	#GW_M_CON	td	0.164	0.300				+++
o	#GW_M_PERP	td	0.009	0.300				+
o	#ANG_K/M	A1	52.360	52.363	0.100	-0.100	-0.003	-

#GW_G1_Z	Z	-133.714	-133.776	0.300	-0.300	0.062	+
#GW_G1_X	X	-99.493	-99.500	0.300	-0.300	0.007	+
3 #GW_G1_P	td	0.124	0.600				+
4 #GW_G1_RET	td	0.050	0.200				++
5 #GR_G3_P	td	1.131	0.800	0.800			0.331
6 #GR_G4_P	td	0.724	0.800	1.100			+++
7 #GR_G5_P	td	0.622	0.800	0.910			+++
8 #GR_G7_P	td	0.581	0.800	0.932			+++
#GW_G9_Z	Z	-58.928	-58.916	0.300	-0.300	-0.012	-
#GW_G9_X	X	171.663	171.643	0.300	-0.300	0.020	+
9 #GW_G9_P	td	0.047	0.600				+
0 #GW_G9_RET	td	0.034	0.200				+
#GW_G10_Z	Z	-135.035	-135.041	0.300	-0.300	0.006	+
#GW_G10_X	X	128.735	128.745	0.300	-0.300	-0.010	-
1 #GW_G10_P	td	0.024	0.600				+
2 #GW_G10_RE	td	0.006	0.200				+
#GW_G11_Z	Z	-186.920	-186.964	0.300	-0.300	0.044	+
#GW_G11_X	X	-39.801	-39.783	0.300	-0.300	-0.018	-
3 #GW_G11_P	td	0.095	0.600				+
4 #GW_G11_RE	td	0.041	0.200				+
#BO_G6_Z	Z	160.709	160.700	0.050	-0.050	0.009	+
#BO_G6_X	X	125.068	125.100	0.050	-0.050	-0.032	---
5 #BO_G6_D	D	5.977	5.979	0.009	-0.009	-0.002	-
6 #BO_G6_P	td	0.068	0.100				+++
7 #BO_G6_RET	td	0.003	0.100				+
#BO_TR3_Z	Z	-136.852	-136.854	0.200	-0.200	0.002	+
#BO_TR3_X	X	-207.979	-207.975	0.200	-0.200	-0.004	-
8 #BO_TR3_P	td	0.009	0.400				+
9 #FL_TR3_Y	Y	4.601	4.700	0.100	-0.100	-0.099	----
#BO_PT0_Z	Z	164.466	164.658	0.200	-0.200	-0.192	----
#BO_PT0_X	X	115.332	115.347	0.200	-0.200	-0.015	-
0 #BO_PT0_P	td	0.386	0.400				++++
#BO_EL_Z	Z	14.303	14.428	0.200	-0.200	-0.125	---
#BO_EL_X	X	173.250	173.257	0.200	-0.200	-0.007	-
1 #BO_EL_P	td	0.251	0.400				+++
#BO_PT1_Z	Z	-39.198	-39.190	0.200	-0.200	-0.008	-
#BO_PT1_X	X	-192.179	-192.153	0.200	-0.200	-0.026	-
2 #BO_PT1_D	D	7.419	7.430	0.045	-0.045	-0.011	-

p	#BO_PT1__P	td	0.054	0.400				+
	#FL_PT1__Y	Y	-0.004	0.000	0.200	-0.200	-0.004	-
	#BO_PT2__Z	Z	-95.293	-95.248	0.200	-0.200	-0.045	-
	#BO_PT2__X	X	-212.824	-212.844	0.200	-0.200	0.020	+
3	#BO_PT2__D	D	7.425	7.430	0.045	-0.045	-0.005	-
6	#BO_PT2__P	td	0.098	0.400				+
	#FL_PT2__Y	Y	-0.005	0.000	0.200	-0.200	-0.005	-
	#GW_PT3__Z	Z	-49.996	-50.004	0.200	-0.200	0.008	+
	#GW_PT3__X	X	-257.372	-257.369	0.200	-0.200	-0.003	-
2	#GW_PT3__P	td	0.017	0.400				+
3	#FL_PT3__Y	Y	75.393	75.500	0.200	-0.200	-0.107	---
	#GW_HP1__Z	Z	-24.083	-24.000	0.200	-0.200	-0.083	--
	#GW_HP1__X	X	-262.117	-262.000	0.200	-0.200	-0.117	---
	#GW_HP1__P	td	0.288	0.400				+++
	#FL_HP1__Y	Y	129.689	129.800	0.200	-0.200	-0.111	---
	#GW_HP2__Z	Z	86.457	86.523	0.200	-0.200	-0.066	--
	#GW_HP2__X	X	-201.199	-201.144	0.200	-0.200	-0.055	--
0	#GW_HP2__P	td	0.171	0.400				++
	#FL_HP2__Y	Y	129.696	129.800	0.200	-0.200	-0.104	---
	#ASOL_DIST	Z	10.094	10.000	0.100	-0.100	0.094	++++
	#ASOL_D__Z	Z	0.022	0.000	0.050	-0.050	0.022	++
	#ASOL_D__X	X	-42.619	-42.500	0.050	-0.300	-0.119	+
9	#ASOL_D__D	D	10.033	10.000	0.100	-0.100	0.033	++
0	#ASOL_P(M)	td	0.242	0.100	0.233			0.009
0	#BO_D72__D	D	72.097	72.100	0.050	-0.050	-0.003	-
6	#D72_CONC	td	0.038	0.100				++
0	#LAM_P_64	X	6.234	6.550	0.150	-0.150	-0.316	-0.166
2	#LAM_P_11	Z	8.958	9.000	0.150	-0.150	-0.042	--
	#GW_DS1__R	R	46.005	46.000	0.150	-0.150	0.005	+
	#GW_DS1__AN	X/Z A1	162.004	162.000	0.150	-0.150	0.004	+
4	#GW_DS1__P	td	0.011	0.300				+
2	#GW_DS1__D	D	17.530	17.500	0.100	-0.100	0.030	++
5	#CONC_17/1	td	0.044	0.200				+
0	#FL_DS1__Y	Y	3.988	4.000	0.100	-0.100	-0.012	-
	#GW_DS2__R	R	46.002	46.000	0.150	-0.150	0.002	+
	#GW_DS2__AN	X/Z A1	54.085	54.000	0.150	-0.150	0.085	+++
3	#GW_DS2__P	td	0.137	0.300				++

#GW_DS2__D	D	17.527	17.500	0.100	-0.100	0.027	++
#CONC_17/2	td	0.019	0.200				+
#FL_DS2__Y	Y	3.968	4.000	0.100	-0.100	-0.032	--
#GW_DS3__R	R	45.948	46.000	0.150	-0.150	-0.052	--
#GW_DS3__AN	X/Z A1	306.059	-54.000	0.150	-0.150	0.059	++
#GW_DS3__P	td	0.141	0.300				++
#GW_DS3__D	D	17.529	17.500	0.100	-0.100	0.029	++
#CONC_17/3	td	0.055	0.200				++
#FL_DS3__Y	Y	3.994	4.000	0.100	-0.100	-0.006	-
#FL_D/G__Y	Y	161.329	161.400	0.000	-0.100	-0.071	--
#GW_CA11_Z	Z	90.718	91.000	0.200	-0.200	-0.282	-0.082
#GW_CA11_X	X	-60.166	-60.000	0.200	-0.200	-0.166	----
#GW_CA11_P	td	0.655	0.400				0.255
#FL_CA11_Y	Y	0.000	0.000	0.100	-0.100	0.000	+-
#GW_CA12_Z	Z	91.179	91.000	0.200	-0.200	0.179	++++
#GW_CA12_X	X	59.722	60.000	0.200	-0.200	-0.278	-0.078
#GW_CA12_P	td	0.662	0.400				0.262
#FL_CA12_Y	Y	-0.016	0.000	0.100	-0.100	-0.016	-
#GW_CA13_Z	Z	122.793	123.000	0.200	-0.200	-0.207	-0.007
#GW_CA13_X	X	-32.822	-32.500	0.200	-0.200	-0.322	-0.122
#GW_CA13_P	td	0.765	0.400				0.365
#BO_CA13_Z	Z	122.997	123.000	0.050	-0.050	-0.003	-
#BO_CA13_X	X	-32.530	-32.500	0.050	-0.050	-0.030	---
#BO_CA13_D	D	11.517	11.500	0.018	0.000	0.017	++++
#BO_CA13_P	td	0.060	0.100				+++
#FL_CA13_Y	Y	4.115	4.100	0.200	-0.200	0.015	+
#GW_CA14_Z	Z	123.073	123.000	0.200	-0.200	0.073	++
#GW_CA14_X	X	32.094	32.500	0.200	-0.200	-0.406	-0.206
#GW_CA14_P	td	0.826	0.400				0.426
#FL_CA14_Y	Y	-0.005	0.000	0.200	-0.200	-0.005	-
#BO_CA15_Z	Z	41.001	41.000	0.050	-0.050	0.001	+
#BO_CA15_X	X	-0.004	0.000	0.050	-0.050	-0.004	-
#BO_CA15_D	D	6.008	6.000	0.012	0.000	0.008	++
#BO_CA15_P	td	0.008	0.100				+
#CA15_RET	td	0.001	0.050				+
#GW_CA21_Z	Z	59.821	60.000	0.200	-0.200	-0.179	----
#GW_CA21_X	X	93.097	93.000	0.200	-0.200	0.097	++

o	#GW_CA21_P	td	0.407	0.400				0.007
	#FL_CA21_Y	Y	-0.009	0.000	0.100	-0.100	-0.009	-
	#GW_CA22_Z	Z	-60.170	-60.000	0.200	-0.200	-0.170	----
	#GW_CA22_X	X	92.766	93.000	0.200	-0.200	-0.234	-0.034
o	#GW_CA22_P	td	0.578	0.400				0.178
	#FL_CA22_Y	Y	-0.010	0.000	0.100	-0.100	-0.010	-
	#GW_CA23_Z	Z	32.238	32.500	0.200	-0.200	-0.262	-0.062
	#GW_CA23_X	X	123.037	123.000	0.200	-0.200	0.037	+
	#GW_CA23_P	td	0.530	0.400				0.130
	#BO_CA23_Z	Z	32.511	32.500	0.050	-0.050	0.011	+
	#BO_CA23_X	X	122.997	123.000	0.050	-0.050	-0.003	-
o	#BO_CA23_D	D	11.516	11.500	0.018	0.000	0.016	+++
o	#BO_CA23_P	td	0.024	0.100				+
o	#FL_CA23_Y	Y	4.188	4.100	0.200	-0.200	0.088	++
o	#CA23_RET	td	0.005	0.050				+
	#GW_CA24_Z	Z	-32.774	-32.500	0.200	-0.200	-0.274	-0.074
	#GW_CA24_X	X	122.866	123.000	0.200	-0.200	-0.134	---
o	#GW_CA24_P	td	0.609	0.400				0.209
	#FL_CA24_Y	Y	-0.005	0.000	0.200	-0.200	-0.005	-
	#BO_CA25_Z	Z	-0.016	0.000	0.050	-0.050	-0.016	--
	#BO_CA25_X	X	40.996	41.000	0.050	-0.050	-0.004	-
o	#BO_CA25_D	D	6.008	6.000	0.012	0.000	0.008	++
o	#BO_CA25_P	td	0.034	0.100				++
o	#CA25_RET	td	0.002	0.050				+
	#BO_J_Z	Z	146.837	146.846	0.030	-0.030	-0.009	--
	#BO_J_X	X	76.169	76.161	0.030	-0.030	0.008	++
o	#BO_J_D	D	10.012	10.000	0.028	0.013	0.012	-0.001
o	#BO_J_P	td	0.023	0.060				++
	#BO_R_Z	Z	-175.994	-176.000	0.030	-0.030	0.006	+
	#BO_R_X	X	-70.486	-70.500	0.030	-0.030	0.014	++
o	#BO_R_D	D	10.013	10.000	0.028	0.013	0.013	-0.000
o	#BO_R_P	td	0.031	0.060				+++
o	#BO_J_RET	td	0.002	0.030				+
o	#BO_R_RET	td	0.002	0.030				+
o	#BO_D68__D	D	67.974	68.000	-0.014	-0.033	-0.026	-
o	#D68_RET	td	0.005	0.030				+
o	#BO_D62__D	D	62.014	62.000	0.046	0.000	0.014	--
o	#D62_CONC	td	0.007	0.050				+

e	#FL_D1___Y	Y	-8.497	8.500	0.030	-0.030	-0.003	-
o	#FL_D1_PAR	t	0.064	0.030				0.034
o	#FL_D2___Y	Y	14.721	14.750	0.080	-0.080	-0.029	--
	#BO_L_Z	Z	-70.319	-70.330	0.025	-0.025	0.011	++
	#BO_L_X	X	-38.123	-38.127	0.025	-0.025	0.004	+
o	#BO_L_D	D	59.951	60.000	-0.035	-0.054	-0.049	---
v	#BO_L_P	td	0.023	0.050				++
c	#BO_L_RET	td	0.002	0.030				+
^	#BO_L_2__D	D	55.024	55.000	0.050	-0.050	0.024	++
f	#FL_L_Y	Y	-46.852	46.800	0.100	-0.100	0.052	+++
e	#FL_L_2_Y	Y	-28.338	28.300	0.100	-0.100	0.038	++
	#BO_S_Z	Z	15.910	15.906	0.025	-0.025	0.004	+
	#BO_S_X	X	-94.670	-94.673	0.025	-0.025	0.003	+
y	#BO_S_D	D	59.949	60.000	-0.035	-0.054	-0.051	---
a	#BO_S_P	td	0.011	0.050				+
o	#BO_S_RET	td	0.014	0.030				++
^	#BO_S_2__D	D	55.007	55.000	0.050	-0.050	0.007	+
d	#FL_S_Y	Y	-46.857	46.800	0.100	-0.100	0.057	+++
o	#FL_S_2_Y	Y	-28.353	28.300	0.100	-0.100	0.053	+++
	#ANG1_S1	A1	15.055	16.500	1.000	-1.000	-1.445	-0.445
	#ANG2_S1	A2	44.558	45.000	0.500	-0.500	-0.442	----
o	#S1_D	D	6.233	6.000	0.300	0.000	0.233	+++
	#S1_Z	Z	-5.629	5.000	0.100	-0.100	0.629	0.529
	#BO_F_Z	Z	-89.600	-89.601	0.025	-0.025	0.001	+
	#BO_F_X	X	-165.273	-165.274	0.025	-0.025	0.001	+
o	#BO_F_D	D	65.074	65.000	0.080	0.061	0.074	++
v	#BO_F_P	td	0.003	0.050				+
o	#BO_F_RET	td	0.008	0.030				++
v	#FL_F_Y	Y	-107.073	107.120	0.080	-0.080	-0.047	---
o	#FL_F_PAR	t	0.046	0.030				0.016
v	#BO_F2_D	D	55.040	55.000	0.046	0.000	0.040	+++
o	#BO_F2_CON	td	0.001	0.050				+
v	#BO_F61_D	D	60.964	61.000	0.300	-0.300	-0.036	-
e	#FL_F61_Y	Y	-119.072	119.100	0.100	-0.100	-0.028	--
'	#BO_L_ROT	t	0.005	0.008				+++
o	#BO_S_ROT	t	0.008	0.008				0.000

out
st
re

#BO_D_ROT	t	0.004	0.010				++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.006	0.006				0.000
#BO_S_LIN	tx	0.005	0.006				++++
#BO_L_LIN	tx	0.005	0.006				++++
#BO_F_LIN	tx	0.008	0.006				0.002
#BO_F/L_PO	R	128.603	128.600	0.025	-0.025	0.003	+
#BO_F/S_PO	R	126.953	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	79.988	80.000	0.025	-0.025	-0.012	--
#BO_D/F_PO	R	187.996	188.000	0.025	-0.025	-0.004	-
#GW_01__Z	Z	-147.678	-147.700	0.200	-0.200	0.022	+
#GW_01__X	X	102.973	103.000	0.200	-0.200	-0.027	-
#GW_01__P	td	0.070	0.400				+
#BO_DG1__Z	Z	87.726	87.732	0.025	-0.025	-0.006	-
#BO_DG1__X	X	20.207	20.223	0.025	-0.025	-0.016	---
#BO_DG1__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG1__P	td	0.034	0.050				+++
#FL_DG1_1Y	Y	-2.690	2.700	0.050	-0.050	-0.010	-
#DG1_RET	td	0.016	0.050				++
#BO_DG2__Z	Z	62.136	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	8.032	8.000	0.040	0.025	0.032	+-
#BO_DG2__P	td	0.018	0.050				++
#FL_DG2_1Y	Y	-2.689	2.700	0.050	-0.050	-0.011	-
#DG2_RET	td	0.007	0.050				+
#BO_DG3__Z	Z	4.548	4.545	0.025	-0.025	0.003	+
#BO_DG3__X	X	83.795	83.787	0.025	-0.025	0.008	++
#BO_DG3__D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG3__P	td	0.018	0.050				++
#FL_DG3_1Y	Y	-2.689	2.700	0.050	-0.050	-0.011	-
#DG3_RET	td	0.002	0.050				+
#BO_DG4__Z	Z	-37.437	-37.437	0.025	-0.025	-0.000	+-
#BO_DG4__X	X	84.993	84.997	0.025	-0.025	-0.004	-
#BO_DG4__D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG4__P	td	0.008	0.050				+
#FL_DG4_1Y	Y	-2.688	2.700	0.050	-0.050	-0.012	-

2	#DG4_RET	td	0.018	0.050				++
	#BO_SD1__Z	Z	122.745	122.758	0.025	-0.025	-0.013	---
	#BO_SD1__X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
4	#BO_SD1__D	D	15.987	16.000	0.000	-0.018	-0.013	--
2	#BO_SD1__P	td	0.027	0.050				+++
0	#FL_SD1_1Y	Y	19.315	19.300	0.050	-0.050	0.015	++
9	#FL_SD1_2Y	Y	6.139	6.100	0.000	-0.200	0.039	0.039
5	#SD1_RET	td	0.002	0.050				+
	#BO_SD2__Z	Z	-89.534	-89.538	0.025	-0.025	0.004	+
	#BO_SD2__X	X	91.462	91.458	0.025	-0.025	0.004	+
4	#BO_SD2__D	D	15.987	16.000	0.000	-0.018	-0.013	--
0	#BO_SD2__P	td	0.011	0.050				+
2	#FL_SD2_1Y	Y	29.320	29.300	0.050	-0.050	0.020	++
0	#SD2_RET	td	0.002	0.050				+
	#BO_SR2__Z	Z	-56.689	-56.700	0.050	-0.050	0.011	+
	#BO_SR2__X	X	42.713	42.733	0.050	-0.050	-0.020	--
0	#BO_SR2__D	D	13.008	13.000	0.018	0.000	0.008	-
2	#BO_SR2__P	td	0.046	0.100				++
	#FL_SR2_1Y	Y	0.615	0.500	0.250	-0.450	0.115	+++
0	#SR2_RET	td	0.005	0.050				+
	#BO_SR3__Z	Z	64.855	64.857	0.050	-0.050	-0.002	-
	#BO_SR3__X	X	-28.913	-28.887	0.050	-0.050	-0.026	---
4	#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
9	#BO_SR3__P	td	0.052	0.100				+++
	#FL_SR3_1Y	Y	0.694	0.500	0.250	-0.450	0.194	++++
0	#SR3_RET	td	0.000	0.050				+-
	#BO_SR4__Z	Z	94.164	94.176	0.050	-0.050	-0.012	-
	#BO_SR4__X	X	-70.210	-70.200	0.050	-0.050	-0.010	-
0	#BO_SR4__D	D	10.015	10.000	0.015	0.000	0.015	0.000
2	#BO_SR4__P	td	0.031	0.100				++
0	#FL_SR4_1Y	Y	14.125	14.000	0.250	-0.450	0.125	+++
0	#SR4_RET	td	0.004	0.050				+
	#BO_SR5__Z	Z	-106.813	-106.831	0.050	-0.050	0.018	++
	#BO_SR5__X	X	35.320	35.302	0.050	-0.050	0.018	++
0	#BO_SR5__D	D	10.013	10.000	0.015	0.000	0.013	+++
2	#BO_SR5__P	td	0.050	0.100				+++
9	#FL_SR5_1Y	Y	24.029	24.000	0.250	-0.450	0.029	++
2	#SR5_RET	td	0.003	0.050				+

#GW_D1__Z	Z	-34.058	-34.106	0.200	-0.200	0.048	+
#GW_D1__X	X	20.874	20.900	0.200	-0.200	-0.026	-
#GW_D1__P	td	0.109	0.400				++
#GW_D2__Z	Z	-1.052	-1.047	0.200	-0.200	-0.005	-
#GW_D2__X	X	-40.015	-39.986	0.200	-0.200	-0.029	-
#GW_D2__P	td	0.060	0.400				+
#GW_D3__Z	Z	33.349	33.355	0.200	-0.200	-0.006	-
#GW_D3__X	X	22.051	22.077	0.200	-0.200	-0.026	-
#GW_D3__P	td	0.053	0.400				+
#P_18H7__Z	Z	104.556	104.550	0.050	-0.050	0.006	+
#P_18H7__X	X	-117.261	-117.257	0.050	-0.050	-0.004	-
#P_18H7__D	D	18.013	18.000	0.018	0.000	0.013	++
#P_18H7__P	td	0.014	0.100				+
#FL18H7__Y	Y	-49.555	49.560	0.050	-0.050	-0.005	-
#P_18H9__Z	Z	104.556	104.550	0.100	-0.100	0.006	+
#P_18H9__X	X	-117.250	-117.257	0.100	-0.100	0.007	+
#P_18H9__D	D	18.027	18.000	0.043	0.000	0.027	+
#P_18H9__P	td	0.018	0.200				+
#BO_P1__Z	Z	41.006	41.011	0.050	-0.050	-0.005	-
#BO_P1__X	X	-197.006	-196.986	0.050	-0.050	-0.020	--
#BO_P1__D	D	12.033	12.000	0.050	0.032	0.033	----
#BO_P1__P	td	0.041	0.100				++
#FL_P1__Y	Y	9.348	9.340	0.050	-0.050	0.008	+
#P_21R7__D	D	20.966	21.000	-0.020	-0.041	-0.034	--
#21R7_CONC	td	0.004	0.100				+
#BO_P2__Y	Y	-30.235	-30.210	0.100	-0.100	-0.025	--
#BO_P2__Z	Z	-0.020	0.000	0.100	-0.100	-0.020	-
#BO_P2__D	D	19.984	20.000	-0.007	-0.028	-0.016	+
#BO_P2__P	td	0.065	0.200				++
#GW_P2__Y	Y	-30.235	-30.210	0.200	-0.200	-0.025	-
#GW_P2__Z	Z	-0.046	0.000	0.200	-0.200	-0.046	-
#GW_P2__P	td	0.105	0.400				++
#FL_P2__X	X	-93.620	93.600	0.100	-0.100	0.020	+
#BO_T1__Y	Y	25.977	26.000	0.200	-0.200	-0.023	-
#BO_T1__Z	Z	-0.088	0.000	0.050	-0.050	-0.088	-0.038
#BO_T1__D	D	21.051	21.050	0.100	-0.100	0.001	+
#BO_T1__P	td	0.182	0.100				0.082
#FL_T1__X	X	-192.835	192.853	0.100	-0.100	-0.018	-
#GW_T3__Y	Y	0.008	0.000	0.200	-0.200	0.008	+
#GW_T3__Z	Z	-18.982	-19.000	0.200	-0.200	0.018	+

o	#GW_T3__P	td	0.040	0.400				+
v	#GW_T3_RET	td	0.163	0.300				+++
4	#T1_PLAN	t	0.008	0.300				+
	#GW_W1__X	X	-91.204	-91.053	0.200	-0.200	-0.151	----
	#GW_W1__Y	Y	77.969	78.000	0.200	-0.200	-0.031	-
o	#GW_W1__P	td	0.309	0.400				++++
o	#FL_W1__Z	Z	153.164	153.224	0.200	-0.200	-0.060	--
	#GW_W2__X	X	7.752	7.921	0.200	-0.200	-0.169	----
	#GW_W2__Y	Y	74.593	74.580	0.200	-0.200	0.013	+
'	#GW_W2__P	td	0.339	0.400				++++
6	#FL_W2__Z	Z	172.760	172.719	0.200	-0.200	0.041	+
	#GW_W6__X	X	-73.190	-73.000	0.200	-0.200	-0.190	----
	#GW_W6__Y	Y	156.755	156.800	0.200	-0.200	-0.045	-
o	#GW_W6__P	td	0.391	0.400				++++
4	#FL_W6__Z	Z	173.100	173.000	0.200	-0.200	0.100	++
	#GW_W3__X	X	119.789	119.994	0.200	-0.200	-0.205	-0.005
	#GW_W3__Y	Y	114.769	114.780	0.200	-0.200	-0.011	-
v	#GW_W3__P	td	0.411	0.400				0.011
e	#FL_W3__Z	Z	127.158	126.998	0.650	-0.650	0.160	+
	#BO_V__X	X	-55.177	-55.000	0.150	-0.150	-0.177	-0.027
	#BO_V__Y	Y	138.271	138.300	0.150	-0.150	-0.029	-
v	#BO_V__D	D	6.019	5.995	0.033	-0.033	0.024	+++
v	#BO_V__P	td	0.354	0.300				0.054
	#BO_PS1__X	X	34.931	35.000	0.050	-0.050	-0.069	-0.019
	#BO_PS1__Y	Y	-41.458	-41.460	0.050	-0.050	0.002	+
v	#BO_PS1__D	D	9.513	9.500	0.050	-0.050	0.013	++
o	#BO_PS1__P	td	0.139	0.100				0.039
	#BO_PS2__X	X	-35.065	-35.000	0.050	-0.050	-0.065	-0.015
	#BO_PS2__Y	Y	-41.470	-41.460	0.050	-0.050	-0.010	-
o	#BO_PS2__D	D	9.514	9.500	0.050	-0.050	0.014	++
o	#BO_PS2__P	td	0.132	0.100				0.032
	#GW_PS1__X	X	34.933	35.000	0.200	-0.200	-0.067	--
	#GW_PS1__Y	Y	-41.452	-41.460	0.200	-0.200	0.008	+
o	#GW_PS1__P	td	0.135	0.400				++
	#GW_PS2__X	X	-35.110	-35.000	0.200	-0.200	-0.110	---
	#GW_PS2__Y	Y	-41.439	-41.460	0.200	-0.200	0.021	+
o	#GW_PS2__P	td	0.224	0.400				+++
v	#FL_PS1__Z	Z	39.483	39.500	0.100	-0.100	-0.017	-
v	#FL_PS2__Z	Z	39.408	39.500	0.100	-0.100	-0.092	----

0	#FL_PS_PLA	t	0.003	0.030					+
0	#FL_PS_INC	tx	0.036	0.200					+
0	#FL_PS_PAR	t	0.038	0.100					++
	#BO_CA1__X	X	0.047	0.000	0.130	-0.130	0.047		++
	#BO_CA1__Y	Y	-11.590	-11.500	0.130	-0.130	-0.090		---
+	#BO_CA1__D	D	24.123	24.100	0.050	0.000	0.023		-
*	#BO_CA1__P	td	0.203	0.260					++++
P	#CA1_ROT	t	0.004	0.015					++
✓	#BO_CA1_2D	D	50.870	50.900	0.050	-0.050	-0.030		---
*	#BO_CA1_3D	D	56.957	57.000	0.050	-0.050	-0.043		----
0	#CA1_3_CON	td	0.037	0.100					++
	#BO_CA16_X	X	23.371	23.405	0.100	-0.100	-0.034		--
	#BO_CA16_Y	Y	23.390	23.405	0.100	-0.100	-0.015		-
0	#BO_CA16_D	D	5.508	5.500	0.100	-0.100	0.008		+
b	#BO_CA16_P	td	0.074	0.200					++
✓	#CA16_RET	td	0.007	0.150					+
	#BO_CA17_X	X	23.356	23.405	0.100	-0.100	-0.049		--
	#BO_CA17_Y	Y	-23.408	-23.405	0.100	-0.100	-0.003		-
0	#BO_CA17_D	D	5.507	5.500	0.100	-0.100	0.007		+
0	#BO_CA17_P	td	0.098	0.200					++
0	#CA17_RET	td	0.009	0.150					+
	#BO_CA18_X	X	-23.424	-23.405	0.100	-0.100	-0.019		-
	#BO_CA18_Y	Y	-23.413	-23.405	0.100	-0.100	-0.008		-
0	#BO_CA18_D	D	5.509	5.500	0.100	-0.100	0.009		+
*	#BO_CA18_P	td	0.041	0.200					+
0	#CA18_RET	td	0.015	0.150					+
	#BO_CA19_X	X	-23.442	-23.405	0.100	-0.100	-0.037		--
	#BO_CA19_Y	Y	23.384	23.405	0.100	-0.100	-0.021		-
+	#BO_CA19_D	D	5.507	5.500	0.100	-0.100	0.007		+
0	#BO_CA19_P	td	0.084	0.200					++
0	#CA19_RET	td	0.009	0.150					+
	#GW_CA16_X	X	23.401	23.405	0.200	-0.200	-0.004		-
	#GW_CA16_Y	Y	23.410	23.405	0.200	-0.200	0.005		+
0	#GW_CA16_P	td	0.013	0.400					+
	#GW_CA17_X	X	23.368	23.405	0.200	-0.200	-0.037		-
	#GW_CA17_Y	Y	-23.402	-23.405	0.200	-0.200	0.003		+
0	#GW_CA17_P	td	0.075	0.400					+
	#GW_CA18_X	X	-23.402	-23.405	0.200	-0.200	0.003		+
	#GW_CA18_Y	Y	-23.405	-23.405	0.200	-0.200	0.000		+-

#GW_CA18_P	td	0.006	0.400					+
#GW_CA19_X	X	-23.414	-23.405	0.200	-0.200	-0.009		-
#GW_CA19_Y	Y	23.387	23.405	0.200	-0.200	-0.018		-
#GW_CA19_P	td	0.041	0.400					+
#FL_CA1_1Z	Z	195.824	195.800	0.050	-0.050	0.024		++
#FL_CA1_2Z	Z	53.030	53.000	0.100	-0.100	0.030		++
#FL_CA1PLA	t	0.000	0.050					+-
#FL_CA1RET	t	0.027	0.100					++
#GW_W4__Y	Y	148.584	148.350	0.200	-0.200	0.234	0.034	
#GW_W4__Z	Z	75.958	75.748	0.200	-0.200	0.210	0.010	
#GW_W4__P	td	0.630	0.400					0.230
#FL_W4__X	X	160.296	160.283	0.200	-0.200	0.013		+
#BO_CA2__Y	Y	-11.525	-11.500	0.130	-0.130	-0.025		-
#BO_CA2__Z	Z	-0.095	0.000	0.130	-0.130	-0.095		---
#BO_CA2__D	D	24.124	24.100	0.050	0.000	0.024		-
#BO_CA2__P	td	0.197	0.260					++++
#CA2_ROT	t	0.014	0.015					++++
#BO_CA2_2D	D	50.871	50.900	0.050	-0.050	-0.029		---
#BO_CA2_3D	D	56.960	57.000	0.050	-0.050	-0.040		----
#CA2_3_CON	td	0.125	0.100					0.025
#BO_CA26_Y	Y	23.457	23.405	0.100	-0.100	0.052		+++
#BO_CA26_Z	Z	23.358	23.405	0.100	-0.100	-0.047		--
#BO_CA26_D	D	5.514	5.500	0.100	-0.100	0.014		+
#BO_CA26_P	td	0.140	0.200					+++
#CA26_RET	td	0.008	0.150					+
#BO_CA27_Y	Y	-23.323	-23.405	0.100	-0.100	0.082		++++
#BO_CA27_Z	Z	23.368	23.405	0.100	-0.100	-0.037		--
#BO_CA27_D	D	5.512	5.500	0.100	-0.100	0.012		+
#BO_CA27_P	td	0.179	0.200					++++
#CA27_RET	td	0.007	0.150					+
#BO_CA28_Y	Y	-23.326	-23.405	0.100	-0.100	0.079		++++
#BO_CA28_Z	Z	-23.434	-23.405	0.100	-0.100	-0.029		--
#BO_CA28_D	D	5.514	5.500	0.100	-0.100	0.014		+
#BO_CA28_P	td	0.167	0.200					++++
#CA28_RET	td	0.006	0.150					+
#BO_CA29_Y	Y	23.442	23.405	0.100	-0.100	0.037		++
#BO_CA29_Z	Z	-23.437	-23.405	0.100	-0.100	-0.032		--
#BO_CA29_D	D	5.513	5.500	0.100	-0.100	0.013		+

° #BO_CA29_P	td	0.098	0.200				++
° #CA29_RET	td	0.007	0.150				+
° #FL_CA2_1X	X	195.754	195.800	0.050	-0.050	-0.046	----
° #FL_CA2_2X	X	53.033	53.000	0.100	-0.100	0.033	++
° #FL_CA2PLA	t	0.001	0.050				+
° #FL_CA2RET	t	0.046	0.100				++
#GW_U_M18X	X	-176.366	-176.187	0.200	-0.200	-0.179	----
#GW_U_M18Y	Y	-23.033	-23.000	0.200	-0.200	-0.033	-
#GW_U_M18P	td	0.364	0.400				++++
#FL_U_M18Z	Z	-121.471	121.364	0.200	-0.200	0.107	+++
#FL_U_PLAN	t	0.007	0.030				+

Pag. 13

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 09/05/13 11.28.02

=====

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione |

CICLO CNC

=====

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321__FASE1		Bz361-538	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
			321_FASE1	M 1 15: 2:46

TEMP. PEZZO 23.25

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
°	#FL_G_Y	Y	-179.837	179.800	0.040	-0.040	0.037	++++
°	#FL_G_PAR	t	0.015	0.080				+
°	#FL_H_PLAN	t	0.018	0.050				++
°	#H_PLA/100	t	0.011	0.030				++
°	#FL_E1_Y	Y	159.692	159.710	0.000	-0.060	-0.018	++
°	#FL_E1_PAR	t	0.019	0.100				+
	#FL_E2_Y	Y	159.700	159.710	0.000	-0.060	-0.010	+++
	#FL_E2_PAR	t	0.010	0.100				+
	#BO_K_Z	Z	56.586	56.574	0.050	-0.050	0.012	+
	#BO_K_X	X	151.304	151.310	0.050	-0.050	-0.006	-
°	#BO_K_D	D	12.886	12.887	0.014	-0.014	-0.001	-
°	#BO_K_P	td	0.027	0.100				++
°	#BO_K_PERP	td	0.002	0.040				+
°	#BO_K1_D	D	11.285	11.200	0.250	-0.250	0.085	++
°	#BO_K1_CON	td	0.193	0.500				++
	#BO_M_Z	Z	-17.738	-17.751	0.050	-0.050	0.013	++
	#BO_M_X	X	-165.416	-165.423	0.050	-0.050	0.007	+
°	#BO_M_D	D	12.885	12.887	0.014	-0.014	-0.002	-
°	#BO_M_P	td	0.030	0.100				++
°	#BO_M_PERP	td	0.002	0.040				+
	#GW_M_Z	Z	-17.708	-17.751	0.200	-0.200	0.043	+
	#GW_M_X	X	-165.473	-165.423	0.200	-0.200	-0.050	+-
°	#GW_M_P	td	0.133	0.400				++
°	#GW_M_CON	td	0.129	0.300				++
°	#GW_M_PERP	td	0.040	0.300				+
°	#ANG_K/M	A1	52.360	52.363	0.100	-0.100	-0.003	-

#GW_G1_Z	Z	-133.734	-133.776	0.300	-0.300	0.042	+
#GW_G1_X	X	-99.482	-99.500	0.300	-0.300	0.018	+
#GW_G1_P	td	0.092	0.600				+
#GW_G1_RET	td	0.034	0.200				+
#GR_G3_P	td	1.067	0.800	0.800			0.267
#GR_G4_P	td	0.374	0.800	1.100			++
#GR_G5_P	td	0.528	0.800	0.907			+++
#GR_G7_P	td	0.459	0.800	0.914			+++
#GW_G9_Z	Z	-58.952	-58.916	0.300	-0.300	-0.036	-
#GW_G9_X	X	171.669	171.643	0.300	-0.300	0.026	+
#GW_G9_P	td	0.088	0.600				+
#GW_G9_RET	td	0.079	0.200				++
#GW_G10_Z	Z	-135.054	-135.041	0.300	-0.300	-0.013	-
#GW_G10_X	X	128.745	128.745	0.300	-0.300	-0.000	+-
#GW_G10_P	td	0.026	0.600				+
#GW_G10_RE	td	0.005	0.200				+
#GW_G11_Z	Z	-186.943	-186.964	0.300	-0.300	0.021	+
#GW_G11_X	X	-39.791	-39.783	0.300	-0.300	-0.008	-
#GW_G11_P	td	0.045	0.600				+
#GW_G11_RE	td	0.034	0.200				+
#BO_G6_Z	Z	160.711	160.700	0.050	-0.050	0.011	+
#BO_G6_X	X	125.067	125.100	0.050	-0.050	-0.033	---
#BO_G6_D	D	5.978	5.979	0.009	-0.009	-0.001	-
#BO_G6_P	td	0.071	0.100				+++
#BO_G6_RET	td	0.003	0.100				+
#BO_TR3_Z	Z	-136.862	-136.854	0.200	-0.200	-0.008	-
#BO_TR3_X	X	-207.978	-207.975	0.200	-0.200	-0.003	-
#BO_TR3_P	td	0.018	0.400				+
#FL_TR3_Y	Y	4.600	4.700	0.100	-0.100	-0.102	-0.102 5/105
#BO_PT0_Z	Z	164.470	164.658	0.200	-0.200	-0.188	----
#BO_PT0_X	X	115.336	115.347	0.200	-0.200	-0.011	-
#BO_PT0_P	td	0.377	0.400				++++
#BO_EL_Z	Z	14.298	14.428	0.200	-0.200	-0.130	---
#BO_EL_X	X	173.259	173.257	0.200	-0.200	0.002	+
#BO_EL_P	td	0.259	0.400				+++
#BO_PT1_Z	Z	-39.094	-39.190	0.200	-0.200	0.096	++
#BO_PT1_X	X	-192.292	-192.153	0.200	-0.200	-0.139	---
#BO_PT1_D	D	7.198	7.430	0.045	-0.045	-0.232	-0.187

#BO_PT1__P	td	0.338	0.400				++++
#FL_PT1__Y	Y	-0.003	0.000	0.200	-0.200	-0.003	-
#BO_PT2__Z	Z	-95.295	-95.248	0.200	-0.200	-0.047	-
#BO_PT2__X	X	-212.833	-212.844	0.200	-0.200	0.011	+
#BO_PT2__D	D	7.406	7.430	0.045	-0.045	-0.024	---
#BO_PT2__P	td	0.096	0.400				+
#FL_PT2__Y	Y	-0.003	0.000	0.200	-0.200	-0.003	-
#GW_PT3__Z	Z	-49.977	-50.004	0.200	-0.200	0.027	+
#GW_PT3__X	X	-257.306	-257.369	0.200	-0.200	0.063	++
#GW_PT3__P	td	0.138	0.400				++
#FL_PT3__Y	Y	75.392	75.500	0.200	-0.200	-0.108	---
#GW_HP1__Z	Z	-24.098	-24.000	0.200	-0.200	-0.098	--
#GW_HP1__X	X	-262.115	-262.000	0.200	-0.200	-0.115	---
#GW_HP1__P	td	0.302	0.400				++++
#FL_HP1__Y	Y	129.688	129.800	0.200	-0.200	-0.112	---
#GW_HP2__Z	Z	86.446	86.523	0.200	-0.200	-0.077	--
#GW_HP2__X	X	-201.202	-201.144	0.200	-0.200	-0.058	--
#GW_HP2__P	td	0.193	0.400				++
#FL_HP2__Y	Y	129.695	129.800	0.200	-0.200	-0.105	---
#ASOL_DIST	Z	10.093	10.000	0.100	-0.100	0.093	++++
#ASOL_D__Z	Z	0.018	0.000	0.050	-0.050	0.018	++
#ASOL_D__X	X	-42.627	-42.500	0.050	-0.300	-0.127	-
#ASOL_D__D	D	10.022	10.000	0.100	-0.100	0.022	+
#ASOL_P(M)	td	0.256	0.100	0.222			0.033
#BO_D72__D	D	72.092	72.100	0.050	-0.050	-0.008	-
#D72_CONC	td	0.035	0.100				++
#LAM_P_64	X	6.243	6.550	0.150	-0.150	-0.307	-0.157
#LAM_P_11	Z	8.954	9.000	0.150	-0.150	-0.046	--
#GW_DS1__R	R	46.010	46.000	0.150	-0.150	0.010	+
#GW_DS1__AN	X/Z A1	162.013	162.000	0.150	-0.150	0.013	+
#GW_DS1__P	td	0.029	0.300				+
#GW_DS1__D	D	17.538	17.500	0.100	-0.100	0.038	++
#CONC_17/1	td	0.024	0.200				+
#FL_DS1__Y	Y	3.991	4.000	0.100	-0.100	-0.009	-
#GW_DS2__R	R	46.013	46.000	0.150	-0.150	0.013	+
#GW_DS2__AN	X/Z A1	54.074	54.000	0.150	-0.150	0.074	++
#GW_DS2__P	td	0.122	0.300				++

#GW_DS2__D	D	17.536	17.500	0.100	-0.100	0.036	++
#CONC_17/2	td	0.013	0.200				+
#FL_DS2__Y	Y	3.971	4.000	0.100	-0.100	-0.029	--
#GW_DS3__R	R	45.970	46.000	0.150	-0.150	-0.030	-
#GW_DS3_AN	X/Z A1	306.059	-54.000	0.150	-0.150	0.059	++
#GW_DS3__P	td	0.112	0.300				++
#GW_DS3__D	D	17.538	17.500	0.100	-0.100	0.038	++
#CONC_17/3	td	0.032	0.200				+
#FL_DS3__Y	Y	3.991	4.000	0.100	-0.100	-0.009	-
#FL_D/G__Y	Y	161.329	161.400	0.000	-0.100	-0.071	--
#GW_CA11_Z	Z	90.700	91.000	0.200	-0.200	-0.300	-0.100
#GW_CA11_X	X	-60.205	-60.000	0.200	-0.200	-0.205	-0.005
#GW_CA11_P	td	0.727	0.400				0.327
#FL_CA11_Y	Y	0.002	0.000	0.100	-0.100	0.002	+
#GW_CA12_Z	Z	91.221	91.000	0.200	-0.200	0.221	0.021
#GW_CA12_X	X	59.724	60.000	0.200	-0.200	-0.276	-0.076
#GW_CA12_P	td	0.708	0.400				0.308
#FL_CA12_Y	Y	-0.015	0.000	0.100	-0.100	-0.015	-
#GW_CA13_Z	Z	122.798	123.000	0.200	-0.200	-0.202	-0.002
#GW_CA13_X	X	-32.824	-32.500	0.200	-0.200	-0.324	-0.124
#GW_CA13_P	td	0.763	0.400				0.363
#BO_CA13_Z	Z	122.996	123.000	0.050	-0.050	-0.004	-
#BO_CA13_X	X	-32.530	-32.500	0.050	-0.050	-0.030	---
#BO_CA13_D	D	11.517	11.500	0.018	0.000	0.017	++++
#BO_CA13_P	td	0.060	0.100				+++
#FL_CA13_Y	Y	4.112	4.100	0.200	-0.200	0.012	+
#GW_CA14_Z	Z	123.080	123.000	0.200	-0.200	0.080	++
#GW_CA14_X	X	32.090	32.500	0.200	-0.200	-0.410	-0.210
#GW_CA14_P	td	0.836	0.400				0.436
#FL_CA14_Y	Y	-0.005	0.000	0.200	-0.200	-0.005	-
#BO_CA15_Z	Z	41.002	41.000	0.050	-0.050	0.002	+
#BO_CA15_X	X	-0.005	0.000	0.050	-0.050	-0.005	-
#BO_CA15_D	D	6.007	6.000	0.012	0.000	0.007	+
#BO_CA15_P	td	0.010	0.100				+
#CA15_RET	td	0.002	0.050				+
#GW_CA21_Z	Z	59.823	60.000	0.200	-0.200	-0.177	----
#GW_CA21_X	X	93.117	93.000	0.200	-0.200	0.117	+++

°	#GW_CA21_P	td	0.424	0.400				0.024
	#FL_CA21_Y	Y	-0.007	0.000	0.100	-0.100	-0.007	-
	#GW_CA22_Z	Z	-60.165	-60.000	0.200	-0.200	-0.165	----
	#GW_CA22_X	X	92.777	93.000	0.200	-0.200	-0.223	-0.023
°	#GW_CA22_P	td	0.554	0.400				0.154
	#FL_CA22_Y	Y	-0.009	0.000	0.100	-0.100	-0.009	-
	#GW_CA23_Z	Z	32.243	32.500	0.200	-0.200	-0.257	-0.057
	#GW_CA23_X	X	123.046	123.000	0.200	-0.200	0.046	+
	#GW_CA23_P	td	0.522	0.400				0.122
	#BO_CA23_Z	Z	32.514	32.500	0.050	-0.050	0.014	++
	#BO_CA23_X	X	122.997	123.000	0.050	-0.050	-0.003	-
✓	#BO_CA23_D	D	11.517	11.500	0.018	0.000	0.017	++++
✓	#BO_CA23_P	td	0.030	0.100				++
°	#FL_CA23_Y	Y	4.189	4.100	0.200	-0.200	0.089	++
°	#CA23_RET	td	0.007	0.050				+
	#GW_CA24_Z	Z	-32.769	-32.500	0.200	-0.200	-0.269	-0.069
	#GW_CA24_X	X	122.862	123.000	0.200	-0.200	-0.138	---
°	#GW_CA24_P	td	0.605	0.400				0.205
	#FL_CA24_Y	Y	-0.004	0.000	0.200	-0.200	-0.004	-
	#BO_CA25_Z	Z	-0.014	0.000	0.050	-0.050	-0.014	--
	#BO_CA25_X	X	40.995	41.000	0.050	-0.050	-0.005	-
°	#BO_CA25_D	D	6.009	6.000	0.012	0.000	0.009	++
°	#BO_CA25_P	td	0.030	0.100				++
°	#CA25_RET	td	0.002	0.050				+
	#BO_J_Z	Z	146.838	146.846	0.030	-0.030	-0.008	--
	#BO_J_X	X	76.168	76.161	0.030	-0.030	0.007	+
✓	#BO_J_D	D	10.012	10.000	0.028	0.013	0.012	-0.002
°	#BO_J_P	td	0.021	0.060				++
	#BO_R_Z	Z	-175.997	-176.000	0.030	-0.030	0.003	+
	#BO_R_X	X	-70.489	-70.500	0.030	-0.030	0.011	++
°	#BO_R_D	D	10.014	10.000	0.028	0.013	0.014	----
°	#BO_R_P	td	0.023	0.060				++
°	#BO_J_RET	td	0.002	0.030				+
°	#BO_R_RET	td	0.001	0.030				+
°	#BO_D68__D	D	67.976	68.000	-0.014	-0.033	-0.024	-
°	#D68_RET	td	0.005	0.030				+
°	#BO_D62__D	D	62.015	62.000	0.046	0.000	0.015	--
°	#D62_CONC	td	0.007	0.050				+

08/05
or
he

#FL_D1___Y	Y	-8.494	8.500	0.030	-0.030	-0.006	-
#FL_D1_PAR	t	0.071	0.030				0.041
#FL_D2___Y	Y	14.717	14.750	0.080	-0.080	-0.033	--
#BO_L_Z	Z	-70.322	-70.330	0.025	-0.025	0.008	++
#BO_L_X	X	-38.122	-38.127	0.025	-0.025	0.005	+
#BO_L_D	D	59.953	60.000	-0.035	-0.054	-0.047	--
#BO_L_P	td	0.019	0.050				++
#BO_L_RET	td	0.008	0.030				++
#BO_L_2__D	D	55.030	55.000	0.050	-0.050	0.030	+++
#FL_L_Y	Y	-46.858	46.800	0.100	-0.100	0.058	+++
#FL_L_2_Y	Y	-28.340	28.300	0.100	-0.100	0.040	++
#BO_S_Z	Z	15.908	15.906	0.025	-0.025	0.002	+
#BO_S_X	X	-94.671	-94.673	0.025	-0.025	0.002	+
#BO_S_D	D	59.950	60.000	-0.035	-0.054	-0.050	---
#BO_S_P	td	0.005	0.050				+
#BO_S_RET	td	0.004	0.030				+
#BO_S_2__D	D	55.007	55.000	0.050	-0.050	0.007	+
#FL_S_Y	Y	-46.856	46.800	0.100	-0.100	0.056	+++
#FL_S_2_Y	Y	-28.356	28.300	0.100	-0.100	0.056	+++
#ANG1_S1	A1	15.010	16.500	1.000	-1.000	-1.490	-0.490
#ANG2_S1	A2	44.635	45.000	0.500	-0.500	-0.365	---
#S1_D	D	6.256	6.000	0.300	0.000	0.256	+++
#S1_Z	Z	-5.629	5.000	0.100	-0.100	0.629	0.529
#BO_F_Z	Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F_X	X	-165.277	-165.274	0.025	-0.025	-0.003	-
#BO_F_D	D	65.075	65.000	0.080	0.061	0.075	++
#BO_F_P	td	0.006	0.050				+
#BO_F_RET	td	0.004	0.030				+
#FL_F_Y	Y	-107.067	107.120	0.080	-0.080	-0.053	---
#FL_F_PAR	t	0.087	0.030				0.057
#BO_F2_D	D	55.042	55.000	0.046	0.000	0.042	++++
#BO_F2_CON	td	0.006	0.050				+
#BO_F61_D	D	60.964	61.000	0.300	-0.300	-0.036	-
#FL_F61_Y	Y	-119.078	119.100	0.100	-0.100	-0.022	-
#BO_L_ROT	t	0.008	0.008				++++
#BO_S_ROT	t	0.005	0.008				+++

#BO_D_ROT	t	0.007	0.010				+++
#BO_F_ROT	t	0.005	0.010				+++
#BO_D_LIN	tx	0.006	0.006				0.000
#BO_S_LIN	tx	0.006	0.006				0.000
#BO_L_LIN	tx	0.006	0.006				0.000
#BO_F_LIN	tx	0.013	0.006				0.007
#BO_F/L_PO	R	128.608	128.600	0.025	-0.025	0.008	++
#BO_F/S_PO	R	126.954	126.950	0.025	-0.025	0.004	+
#BO_D/S_PO	R	95.997	96.000	0.025	-0.025	-0.003	-
#BO_D/L_PO	R	79.991	80.000	0.025	-0.025	-0.009	--
#BO_D/F_PO	R	188.002	188.000	0.025	-0.025	0.002	+
#GW_01___Z	Z	-147.689	-147.700	0.200	-0.200	0.011	+
#GW_01___X	X	102.969	103.000	0.200	-0.200	-0.031	-
#GW_01___P	td	0.065	0.400				+
#GW_02___Z	Z	-113.506	-113.500	0.200	-0.200	-0.006	-
#GW_02___X	X	146.269	146.300	0.200	-0.200	-0.031	-
#GW_02___P	td	0.063	0.400				+
#GW_03___Z	Z	-37.609	-37.600	0.200	-0.200	-0.009	-
#GW_03___X	X	164.033	164.100	0.200	-0.200	-0.067	--
#GW_03___P	td	0.134	0.400				++
#GW_04___Z	Z	21.507	21.500	0.200	-0.200	0.007	+
#GW_04___X	X	168.976	169.000	0.200	-0.200	-0.024	-
#GW_04___P	td	0.050	0.400				+
#GW_05___Z	Z	75.994	76.000	0.200	-0.200	-0.006	-
#GW_05___X	X	143.459	143.500	0.200	-0.200	-0.041	-
#GW_05___P	td	0.083	0.400				+
#GW_06___Z	Z	128.874	128.900	0.200	-0.200	-0.026	-
#GW_06___X	X	109.753	109.800	0.200	-0.200	-0.047	-
#GW_06___P	td	0.107	0.400				++
#GW_07___Z	Z	154.170	154.200	0.200	-0.200	-0.030	-
#GW_07___X	X	59.947	60.000	0.200	-0.200	-0.053	--
#GW_07___P	td	0.123	0.400				++
#GW_08___Z	Z	181.468	181.500	0.200	-0.200	-0.032	-
#GW_08___X	X	-13.161	-13.100	0.200	-0.200	-0.061	--
#GW_08___P	td	0.138	0.400				++
#GW_09___Z	Z	162.445	162.500	0.200	-0.200	-0.055	--
#GW_09___X	X	-68.036	-68.000	0.200	-0.200	-0.036	-

#GW_09__P	td	0.131	0.400				++
#GW_10__Z	Z	138.024	138.041	0.200	-0.200	-0.017	-
#GW_10__X	X	-113.309	-113.243	0.200	-0.200	-0.066	--
#GW_10__P	td	0.135	0.400				++
#GW_11__Z	Z	138.492	138.526	0.200	-0.200	-0.034	-
#GW_11__X	X	-166.262	-166.242	0.200	-0.200	-0.020	-
#GW_11__P	td	0.078	0.400				+
#GW_12__Z	Z	86.501	86.523	0.200	-0.200	-0.022	-
#GW_12__X	X	-201.162	201.144	0.200	-0.200	0.018	+
#GW_12__P	td	0.058	0.400				+
#GW_13__Z	Z	27.731	27.757	0.200	-0.200	-0.026	-
#GW_13__X	X	-231.599	231.602	0.200	-0.200	-0.003	-
#GW_13__P	td	0.053	0.400				+
#GW_14__Z	Z	-24.018	-24.000	0.200	-0.200	-0.018	-
#GW_14__X	X	-261.984	262.000	0.200	-0.200	-0.016	-
#GW_14__P	td	0.047	0.400				+
#GW_15__Z	Z	-83.566	-83.600	0.200	-0.200	0.034	+
#GW_15__X	X	-281.694	281.700	0.200	-0.200	-0.006	-
#GW_15__P	td	0.069	0.400				+
#GW_16__Z	Z	-153.997	-154.000	0.200	-0.200	0.003	+
#GW_16__X	X	-262.031	262.000	0.200	-0.200	0.031	+
#GW_16__P	td	0.062	0.400				+
#DB_17__Z	Z	-196.220	-196.200	0.400	-0.400	-0.020	-
#DB_17__X	X	-212.314	212.300	0.400	-0.400	0.014	+
#DB_17__D	D	9.255	9.000	0.300	0.000	0.255	+++
#DB_17__P	td	0.049	0.800				+
#DB_18__Z	Z	-204.787	-204.800	0.400	-0.400	0.013	+
#DB_18__X	X	-147.739	147.700	0.400	-0.400	0.039	+
#DB_18__D	D	9.255	9.000	0.300	0.000	0.255	+++
#DB_18__P	td	0.082	0.800				+
#GW_19__Z	Z	-179.807	-179.800	0.200	-0.200	-0.007	-
#GW_19__X	X	-90.550	90.500	0.200	-0.200	0.050	+
#GW_19__P	td	0.100	0.400				++
#GW_20__Z	Z	-158.654	-158.700	0.200	-0.200	0.046	+
#GW_20__X	X	-31.511	31.500	0.200	-0.200	0.011	+
#GW_20__P	td	0.094	0.400				+
#GW_21__Z	Z	-152.565	-152.600	0.200	-0.200	0.035	+
#GW_21__X	X	35.969	36.000	0.200	-0.200	-0.031	-
#GW_21__P	td	0.092	0.400				+

#BO_DG1__Z	Z	87.728	87.732	0.025	-0.025	-0.004	-
#BO_DG1__X	X	20.210	20.223	0.025	-0.025	-0.013	---
#BO_DG1__D	D	10.033	10.000	0.040	0.025	0.033	+
#BO_DG1__P	td	0.027	0.050				+++
#FL_DG1_1Y	Y	-2.692	2.700	0.050	-0.050	-0.008	-
#DG1_RET	td	0.016	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	8.033	8.000	0.040	0.025	0.033	+
#BO_DG2__P	td	0.010	0.050				+
#FL_DG2_1Y	Y	-2.691	2.700	0.050	-0.050	-0.009	-
#DG2_RET	td	0.006	0.050				+
#BO_DG3__Z	Z	4.550	4.545	0.025	-0.025	0.005	+
#BO_DG3__X	X	83.793	83.787	0.025	-0.025	0.006	++
#BO_DG3__D	D	8.032	8.000	0.040	0.025	0.032	+-
#BO_DG3__P	td	0.016	0.050				++
#FL_DG3_1Y	Y	-2.690	2.700	0.050	-0.050	-0.010	-
#DG3_RET	td	0.003	0.050				+
#BO_DG4__Z	Z	-37.433	-37.437	0.025	-0.025	0.004	+
#BO_DG4__X	X	84.995	84.997	0.025	-0.025	-0.002	-
#BO_DG4__D	D	10.032	10.000	0.040	0.025	0.032	-
#BO_DG4__P	td	0.009	0.050				+
#FL_DG4_1Y	Y	-2.690	2.700	0.050	-0.050	-0.010	-
#DG4_RET	td	0.008	0.050				+
#BO_SD1__Z	Z	122.745	122.758	0.025	-0.025	-0.013	---
#BO_SD1__X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
#BO_SD1__D	D	15.987	16.000	0.000	-0.018	-0.013	--
#BO_SD1__P	td	0.026	0.050				+++
#FL_SD1_1Y	Y	19.314	19.300	0.050	-0.050	0.014	++
#FL_SD1_2Y	Y	6.138	6.100	0.000	-0.200	0.038	0.038
#SD1_RET	td	0.001	0.050				+
#BO_SD2__Z	Z	-89.532	-89.538	0.025	-0.025	0.006	+
#BO_SD2__X	X	91.466	91.458	0.025	-0.025	0.008	++
#BO_SD2__D	D	15.987	16.000	0.000	-0.018	-0.013	--
#BO_SD2__P	td	0.019	0.050				++
#FL_SD2_1Y	Y	29.320	29.300	0.050	-0.050	0.020	++
#SD2_RET	td	0.002	0.050				+
#BO_SR2__Z	Z	-56.688	-56.700	0.050	-0.050	0.012	+
#BO_SR2__X	X	42.710	42.733	0.050	-0.050	-0.023	--
#BO_SR2__D	D	13.010	13.000	0.018	0.000	0.010	+

#BO_SR2__P	td	0.052	0.100				+++
#FL_SR2_1Y	Y	0.563	0.500	0.250	-0.450	0.063	++
#SR2_RET	td	0.006	0.050				+
#BO_SR3__Z	Z	64.858	64.857	0.050	-0.050	0.001	+
#BO_SR3__X	X	-28.919	-28.887	0.050	-0.050	-0.032	---
#BO_SR3__D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3__P	td	0.064	0.100				+++
#FL_SR3_1Y	Y	0.651	0.500	0.250	-0.450	0.151	+++
#SR3_RET	td	0.002	0.050				+
#BO_SR4__Z	Z	94.168	94.176	0.050	-0.050	-0.008	-
#BO_SR4__X	X	-70.215	-70.200	0.050	-0.050	-0.015	--
#BO_SR4__D	D	10.012	10.000	0.015	0.000	0.012	+++
#BO_SR4__P	td	0.034	0.100				++
#FL_SR4_1Y	Y	14.101	14.000	0.250	-0.450	0.101	+++
#SR4_RET	td	0.004	0.050				+
#BO_SR5__Z	Z	-106.813	-106.831	0.050	-0.050	0.018	++
#BO_SR5__X	X	35.316	35.302	0.050	-0.050	0.014	++
#BO_SR5__D	D	10.014	10.000	0.015	0.000	0.014	++++
#BO_SR5__P	td	0.046	0.100				++
#FL_SR5_1Y	Y	23.983	24.000	0.250	-0.450	-0.017	+
#SR5_RET	td	0.005	0.050				+
#GW_D1__Z	Z	-34.093	-34.106	0.200	-0.200	0.013	+
#GW_D1__X	X	20.872	20.900	0.200	-0.200	-0.028	-
#GW_D1__P	td	0.061	0.400				+
#GW_D2__Z	Z	-1.048	-1.047	0.200	-0.200	-0.001	-
#GW_D2__X	X	-40.016	-39.986	0.200	-0.200	-0.030	-
#GW_D2__P	td	0.059	0.400				+
#GW_D3__Z	Z	33.349	33.355	0.200	-0.200	-0.006	-
#GW_D3__X	X	22.046	22.077	0.200	-0.200	-0.031	-
#GW_D3__P	td	0.063	0.400				+
#P_18H7__Z	Z	104.558	104.550	0.050	-0.050	0.008	+
#P_18H7__X	X	-117.265	-117.257	0.050	-0.050	-0.008	-
#P_18H7__D	D	18.014	18.000	0.018	0.000	0.014	+++
#P_18H7__P	td	0.023	0.100				+
#FL18H7__Y	Y	-49.554	49.560	0.050	-0.050	-0.006	-
#P_18H9__Z	Z	104.559	104.550	0.100	-0.100	0.009	+
#P_18H9__X	X	-117.249	-117.257	0.100	-0.100	0.008	+
#P_18H9__D	D	18.026	18.000	0.043	0.000	0.026	+
#P_18H9__P	td	0.024	0.200				+

#BO_P1___Z	Z	41.008	41.011	0.050	-0.050	-0.003	-
#BO_P1___X	X	-197.012	-196.986	0.050	-0.050	-0.026	---
#BO_P1___D	D	12.033	12.000	0.050	0.032	0.033	----
#BO_P1___P	td	0.053	0.100				+++
#FL_P1___Y	Y	9.346	9.340	0.050	-0.050	0.006	+
#P_21R7___D	D	20.967	21.000	-0.020	-0.041	-0.033	--
#21R7_CONC	td	0.006	0.100				+
#BO_P2___Y	Y	-30.236	-30.210	0.100	-0.100	-0.026	--
#BO_P2___Z	Z	-0.025	0.000	0.100	-0.100	-0.025	-
#BO_P2___D	D	19.985	20.000	-0.007	-0.028	-0.015	+
#BO_P2___P	td	0.071	0.200				++
#GW_P2___Y	Y	-30.229	-30.210	0.200	-0.200	-0.019	-
#GW_P2___Z	Z	-0.052	0.000	0.200	-0.200	-0.052	--
#GW_P2___P	td	0.111	0.400				++
#FL_P2___X	X	-93.622	93.600	0.100	-0.100	0.022	+
#BO_T1___Y	Y	26.006	26.000	0.200	-0.200	0.006	+
#BO_T1___Z	Z	-0.101	0.000	0.050	-0.050	-0.101	-0.051
#BO_T1___D	D	21.051	21.050	0.100	-0.100	0.001	+
#BO_T1___P	td	0.203	0.100				0.100 <i>Handwritten signature</i>
#FL_T1___X	X	-192.832	192.853	0.100	-0.100	-0.021	-
#GW_T3___Y	Y	-0.003	0.000	0.200	-0.200	-0.003	-
#GW_T3___Z	Z	-18.982	-19.000	0.200	-0.200	0.018	+
#GW_T3___P	td	0.036	0.400				+
#GW_T3_RET	td	0.126	0.300				++
#T1_PLAN	t	0.007	0.300				+
#GW_W1___X	X	-91.203	-91.053	0.200	-0.200	-0.150	---
#GW_W1___Y	Y	77.992	78.000	0.200	-0.200	-0.008	-
#GW_W1___P	td	0.300	0.400				+++
#FL_W1___Z	Z	153.155	153.224	0.200	-0.200	-0.069	--
#GW_W2___X	X	7.746	7.921	0.200	-0.200	-0.175	----
#GW_W2___Y	Y	74.601	74.580	0.200	-0.200	0.021	+
#GW_W2___P	td	0.352	0.400				++++
#FL_W2___Z	Z	172.761	172.719	0.200	-0.200	0.042	+
#GW_W6___X	X	-73.201	-73.000	0.200	-0.200	-0.201	-0.001
#GW_W6___Y	Y	156.777	156.800	0.200	-0.200	-0.023	-
#GW_W6___P	td	0.400	0.400				0.000 <i>Handwritten signature</i>
#FL_W6___Z	Z	173.098	173.000	0.200	-0.200	0.098	++
#GW_W3___X	X	119.800	119.994	0.200	-0.200	-0.194	----

#GW_W3__Y	Y	114.791	114.780	0.200	-0.200	0.011	+
#GW_W3__P	td	0.388	0.400				++++
#FL_W3__Z	Z	127.169	126.998	0.650	-0.650	0.171	++
#BO_V__X	X	-55.158	-55.000	0.150	-0.150	-0.158	-0.008
#BO_V__Y	Y	138.295	138.300	0.150	-0.150	-0.005	-
#BO_V__D	D	6.014	5.995	0.033	-0.033	0.019	+++
#BO_V__P	td	0.318	0.300				0.018
#BO_PS1__X	X	34.947	35.000	0.050	-0.050	-0.053	-0.003
#BO_PS1__Y	Y	-41.453	-41.460	0.050	-0.050	0.007	+
#BO_PS1__D	D	9.509	9.500	0.050	-0.050	0.009	+
#BO_PS1__P	td	0.107	0.100				0.007
#BO_PS2__X	X	-35.049	-35.000	0.050	-0.050	-0.049	----
#BO_PS2__Y	Y	-41.465	-41.460	0.050	-0.050	-0.005	-
#BO_PS2__D	D	9.524	9.500	0.050	-0.050	0.024	++
#BO_PS2__P	td	0.099	0.100				++++
#GW_PS1__X	X	34.954	35.000	0.200	-0.200	-0.046	-
#GW_PS1__Y	Y	-41.447	-41.460	0.200	-0.200	0.013	+
#GW_PS1__P	td	0.095	0.400				+
#GW_PS2__X	X	-35.044	-35.000	0.200	-0.200	-0.044	-
#GW_PS2__Y	Y	-41.428	-41.460	0.200	-0.200	0.032	+
#GW_PS2__P	td	0.109	0.400				++
#FL_PS1__Z	Z	39.474	39.500	0.100	-0.100	-0.026	--
#FL_PS2__Z	Z	39.392	39.500	0.100	-0.100	-0.108	-0.008
#FL_PS_PLA	t	0.002	0.030				+
#FL_PS_INC	tx	0.064	0.200				++
#FL_PS_PAR	t	0.042	0.100				++
#BO_CA1__X	X	0.057	0.000	0.130	-0.130	0.057	++
#BO_CA1__Y	Y	-11.571	-11.500	0.130	-0.130	-0.071	---
#BO_CA1__D	D	24.123	24.100	0.050	0.000	0.023	-
#BO_CA1__P	td	0.182	0.260				+++
#CA1_ROT	t	0.005	0.015				++
#BO_CA1_2D	D	50.871	50.900	0.050	-0.050	-0.029	---
#BO_CA1_3D	D	56.960	57.000	0.050	-0.050	-0.040	----
#CA1_3_CON	td	0.035	0.100				++
#BO_CA16_X	X	23.388	23.405	0.100	-0.100	-0.017	-
#BO_CA16_Y	Y	23.397	23.405	0.100	-0.100	-0.008	-
#BO_CA16_D	D	5.509	5.500	0.100	-0.100	0.009	+
#BO_CA16_P	td	0.038	0.200				+
#CA16_RET	td	0.007	0.150				+

#BO_CA17_X	X	23.374	23.405	0.100	-0.100	-0.031	--
#BO_CA17_Y	Y	-23.411	-23.405	0.100	-0.100	-0.006	-
#BO_CA17_D	D	5.509	5.500	0.100	-0.100	0.009	+
#BO_CA17_P	td	0.064	0.200				++
#CA17_RET	td	0.010	0.150				+
#BO_CA18_X	X	-23.420	-23.405	0.100	-0.100	-0.015	-
#BO_CA18_Y	Y	-23.414	-23.405	0.100	-0.100	-0.009	-
#BO_CA18_D	D	5.510	5.500	0.100	-0.100	0.010	+
#BO_CA18_P	td	0.035	0.200				+
#CA18_RET	td	0.010	0.150				+
#BO_CA19_X	X	-23.424	-23.405	0.100	-0.100	-0.019	-
#BO_CA19_Y	Y	23.382	23.405	0.100	-0.100	-0.023	-
#BO_CA19_D	D	5.509	5.500	0.100	-0.100	0.009	+
#BO_CA19_P	td	0.059	0.200				++
#CA19_RET	td	0.008	0.150				+
#GW_CA16_X	X	23.407	23.405	0.200	-0.200	0.002	+
#GW_CA16_Y	Y	23.419	23.405	0.200	-0.200	0.014	+
#GW_CA16_P	td	0.028	0.400				+
#GW_CA17_X	X	23.397	23.405	0.200	-0.200	-0.008	-
#GW_CA17_Y	Y	-23.396	-23.405	0.200	-0.200	0.009	+
#GW_CA17_P	td	0.025	0.400				+
#GW_CA18_X	X	-23.404	-23.405	0.200	-0.200	0.001	+
#GW_CA18_Y	Y	-23.406	-23.405	0.200	-0.200	-0.001	-
#GW_CA18_P	td	0.004	0.400				+
#GW_CA19_X	X	-23.400	-23.405	0.200	-0.200	0.005	+
#GW_CA19_Y	Y	23.403	23.405	0.200	-0.200	-0.002	-
#GW_CA19_P	td	0.012	0.400				+
#FL_CA1_1Z	Z	195.826	195.800	0.050	-0.050	0.026	+++
#FL_CA1_2Z	Z	53.025	53.000	0.100	-0.100	0.025	++
#FL_CA1PLA	t	0.001	0.050				+
#FL_CA1RET	t	0.033	0.100				++
#GW_W4__Y	Y	148.592	148.350	0.200	-0.200	0.242	0.042
#GW_W4__Z	Z	75.967	75.748	0.200	-0.200	0.219	0.019
#GW_W4__P	td	0.653	0.400				0.253
#FL_W4__X	X	160.284	160.283	0.200	-0.200	0.001	+
#BO_CA2__Y	Y	-11.507	-11.500	0.130	-0.130	-0.007	--
#BO_CA2__Z	Z	-0.079	0.000	0.130	-0.130	-0.079	---
#BO_CA2__D	D	24.124	24.100	0.050	0.000	0.024	-
#BO_CA2__P	td	0.158	0.260				+++

f	#CA2_ROT	t	0.015	0.015				0.000	<i>deg/f</i>
a	#BO_CA2_2D	D	50.872	50.900	0.050	-0.050	-0.028	---	
>	#BO_CA2_3D	D	56.962	57.000	0.050	-0.050	-0.038	----	
o	#CA2_3_CON	td	0.125	0.100				0.025	
	#BO_CA26_Y	Y	23.445	23.405	0.100	-0.100	0.040	++	
	#BO_CA26_Z	Z	23.357	23.405	0.100	-0.100	-0.048	--	
v	#BO_CA26_D	D	5.511	5.500	0.100	-0.100	0.011	+	
o	#BO_CA26_P	td	0.125	0.200				+++	
o	#CA26_RET	td	0.007	0.150				+	
	#BO_CA27_Y	Y	-23.323	-23.405	0.100	-0.100	0.082	++++	
	#BO_CA27_Z	Z	23.365	23.405	0.100	-0.100	-0.040	--	
e	#BO_CA27_D	D	5.514	5.500	0.100	-0.100	0.014	+	
o	#BO_CA27_P	td	0.183	0.200				++++	
q	#CA27_RET	td	0.007	0.150				+	
	#BO_CA28_Y	Y	-23.333	-23.405	0.100	-0.100	0.072	+++	
	#BO_CA28_Z	Z	-23.433	-23.405	0.100	-0.100	-0.028	--	
v	#BO_CA28_D	D	5.514	5.500	0.100	-0.100	0.014	+	
o	#BO_CA28_P	td	0.154	0.200				++++	
o	#CA28_RET	td	0.013	0.150				+	
	#BO_CA29_Y	Y	23.444	23.405	0.100	-0.100	0.039	++	
	#BO_CA29_Z	Z	-23.440	-23.405	0.100	-0.100	-0.035	--	
o	#BO_CA29_D	D	5.515	5.500	0.100	-0.100	0.015	+	
o	#BO_CA29_P	td	0.106	0.200				+++	
o	#CA29_RET	td	0.010	0.150				+	
	#GW_CA26_Y	Y	23.467	23.405	0.200	-0.200	0.062	++	
	#GW_CA26_Z	Z	23.363	23.405	0.200	-0.200	-0.042	-	
o	#GW_CA26_P	td	0.149	0.400				++	
	#GW_CA27_Y	Y	-23.310	-23.405	0.200	-0.200	0.095	++	
	#GW_CA27_Z	Z	23.382	23.405	0.200	-0.200	-0.023	-	
v	#GW_CA27_P	td	0.195	0.400				++	
	#GW_CA28_Y	Y	-23.320	-23.405	0.200	-0.200	0.085	++	
	#GW_CA28_Z	Z	-23.416	-23.405	0.200	-0.200	-0.011	-	
o	#GW_CA28_P	td	0.170	0.400				++	
	#GW_CA29_Y	Y	23.454	23.405	0.200	-0.200	0.049	+	
	#GW_CA29_Z	Z	-23.445	-23.405	0.200	-0.200	-0.040	-	
o	#GW_CA29_P	td	0.126	0.400				++	
v	#FL_CA2_1X	X	195.756	195.800	0.050	-0.050	-0.044	----	
o	#FL_CA2_2X	X	53.024	53.000	0.100	-0.100	0.024	+	

°	#FL_CA2PLA	t	0.001	0.050				+
°	#FL_CA2RET	t	0.046	0.100				++
	#GW_U_M18X	X	-176.348	-176.187	0.200	-0.200	-0.161	----
	#GW_U_M18Y	Y	-23.040	-23.000	0.200	-0.200	-0.040	-
°	#GW_U_M18P	td	0.332	0.400				++++
°	#FL_U_M18Z	Z	-121.478	121.364	0.200	-0.200	0.114	+++
°	#FL_U_PLAN	t	0.011	0.030				++

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 06/05/13 15.58.40

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione

CICLO CNC

DISEGNO No.	Indice	PROV.MAC	ZEISS	TIPO MISURA
K_TR_321_ASSI		Bz361-538	Cx ZEISS 1	TEST
OPERATORE	DATA	NUMERO PART.	PROGRAMMA	PALETTE TIME
Germinari	29. 4.2013	PZ N. 4	321_ASSI	M 1 22:55:45

TEMP. PEZZO 23.63

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#FL_G_Y	Y	-179.809	179.800	0.040	-0.040	0.009	+
	#FL_G_PAR	t	0.014	0.080				+
	#FL_H_PLAN	t	0.016	0.050				++
	#H_PLA/100	t	0.010	0.030				++
	#FL_E1_Y	Y	159.693	159.710	0.000	-0.060	-0.017	++
	#FL_E1_PAR	t	0.019	0.100				+
	#FL_E2_Y	Y	159.698	159.710	0.000	-0.060	-0.012	+++
	#FL_E2_PAR	t	0.012	0.100				+
	#BO_K_Z	Z	56.586	56.574	0.050	-0.050	0.012	+
	#BO_K_X	X	151.311	151.310	0.050	-0.050	0.001	+
	#BO_K_D	D	12.886	12.887	0.014	-0.014	-0.001	-
	#BO_K_P	td	0.025	0.100				+
	#BO_M_Z	Z	-17.738	-17.751	0.050	-0.050	0.013	++
	#BO_M_X	X	-165.410	-165.423	0.050	-0.050	0.013	++
	#BO_M_D	D	12.884	12.887	0.014	-0.014	-0.003	-
	#BO_M_P	td	0.036	0.100				++
	#ANG_K/M	A	52.360	52.363	0.100	-0.100	-0.003	-
	#BO_G6_Z	Z	160.706	160.700	0.050	-0.050	0.006	+
	#BO_G6_X	X	125.070	125.100	0.050	-0.050	-0.030	---
	#BO_G6_D	D	5.976	5.979	0.009	-0.009	-0.003	--
	#BO_G6_P	td	0.061	0.100				+++
	#BO_G6_RET	td	0.004	0.100				+
	#BO_PT1_Z	Z	-39.200	-39.190	0.200	-0.200	-0.010	-
	#BO_PT1_X	X	-192.182	-192.153	0.200	-0.200	-0.029	-
	#BO_PT1_D	D	7.418	7.430	0.045	-0.045	-0.012	--
	#BO_PT1_P	td	0.061	0.400				+
	#FL_PT1_Y	Y	-0.004	0.000	0.200	-0.200	-0.004	-

#BO_PT2_Z	Z	-95.297	-95.248	0.200	-0.200	-0.049	-
#BO_PT2_X	X	-212.827	-212.844	0.200	-0.200	0.017	+
#BO_PT2_D	D	7.425	7.430	0.045	-0.045	-0.005	-
#BO_PT2_P	td	0.104	0.400				++
#FL_PT2_Y	Y	-0.006	0.000	0.200	-0.200	-0.006	-
#GW_HP2_P	td	0.176	0.400				++
#BO_CA13_Z	Z	122.993	123.000	0.050	-0.050	-0.007	-
#BO_CA13_X	X	-32.528	-32.500	0.050	-0.050	-0.028	---
#BO_CA13_D	D	11.516	11.500	0.018	0.000	0.016	+++
#BO_CA13_P	td	0.059	0.100				+++
#BO_CA15_Z	Z	40.995	41.000	0.050	-0.050	-0.005	-
#BO_CA15_X	X	-0.002	0.000	0.050	-0.050	-0.002	-
#BO_CA15_D	D	6.006	6.000	0.012	0.000	0.006	+-
#BO_CA15_P	td	0.011	0.100				+
#BO_CA23_Z	Z	32.507	32.500	0.050	-0.050	0.007	+
#BO_CA23_X	X	123.001	123.000	0.050	-0.050	0.001	+
#BO_CA23_D	D	11.515	11.500	0.018	0.000	0.015	+++
#BO_CA23_P	td	0.014	0.100				+
#BO_J_Z	Z	146.839	146.846	0.030	-0.030	-0.007	-
#BO_J_X	X	76.170	76.161	0.030	-0.030	0.009	++
#BO_J_D	D	10.012	10.000	0.028	0.013	0.012	-0.000 <i>or</i>
#BO_J_P	td	0.023	0.060				++
#BO_R_Z	Z	-175.997	-176.000	0.030	-0.030	0.003	+
#BO_R_X	X	-70.487	-70.500	0.030	-0.030	0.013	++
#BO_R_D	D	10.012	10.000	0.028	0.013	0.012	-0.000 <i>or</i>
#BO_R_P	td	0.027	0.060				++
#BO_D68_D	D	67.975	68.000	-0.014	-0.033	-0.025	-
#BO_D62_D	D	62.015	62.000	0.046	0.000	0.015	--
#FL_D1_Y	Y	-8.496	8.500	0.030	-0.030	-0.004	-
#FL_D1_PAR	t	0.063	0.030				0.030 <i>Max</i>
#FL_D2_Y	Y	14.721	14.750	0.080	-0.080	-0.029	--
#BO_L_Z	Z	-70.321	-70.330	0.025	-0.025	0.009	++
#BO_L_X	X	-38.123	-38.127	0.025	-0.025	0.004	+
#BO_L_D	D	59.951	60.000	-0.035	-0.054	-0.049	--
#BO_L_P	td	0.019	0.050				++
#FL_L_Y	Y	-46.852	46.800	0.100	-0.100	0.052	+++
#BO_S_Z	Z	15.909	15.906	0.025	-0.025	0.003	+
#BO_S_X	X	-94.671	-94.673	0.025	-0.025	0.002	+
#BO_S_D	D	59.949	60.000	-0.035	-0.054	-0.051	---
#BO_S_P	td	0.007	0.050				+
#FL_S_Y	Y	-46.858	46.800	0.100	-0.100	0.058	+++

#BO_F_Z	Z	-89.602	-89.601	0.025	-0.025	-0.001	-
#BO_F_X	X	-165.275	-165.274	0.025	-0.025	-0.001	-
#BO_F_D	D	65.074	65.000	0.080	0.061	0.074	++
#BO_F_P	td	0.003	0.050				+
#FL_F_Y	Y	-107.074	107.120	0.080	-0.080	-0.046	---
#FL_F_PAR	t	0.045	0.030				0.015
#BO_F2_D	D	55.040	55.000	0.046	0.000	0.040	++++
#BO_F2_CON	td	0.001	0.050				+
#BO_F61_D	D	60.963	61.000	0.300	-0.300	-0.037	-
#FL_F61_Y	Y	-119.071	119.100	0.100	-0.100	-0.029	--
#BO_L_ROT	t	0.007	0.008				++++
#BO_S_ROT	t	0.006	0.008				+++
#BO_D_ROT	t	0.005	0.010				++
#BO_F_ROT	t	0.008	0.010				++++
#BO_D_LIN	tx	0.006	0.006				0.000 <i>su</i>
#BO_S_LIN	tx	0.006	0.006				0.000 <i>su</i>
#BO_L_LIN	tx	0.005	0.006				++++
#BO_F_LIN	tx	0.006	0.006				0.000 <i>su</i>
#BO_F/L_PO	R	128.606	128.600	0.025	-0.025	0.006	+
#BO_F/S_PO	R	126.955	126.950	0.025	-0.025	0.005	+
#BO_D/S_PO	R	95.996	96.000	0.025	-0.025	-0.004	-
#BO_D/L_PO	R	79.989	80.000	0.025	-0.025	-0.011	--
#BO_D/F_PO	R	187.999	188.000	0.025	-0.025	-0.001	-
#BO_DG1_Z	Z	87.728	87.732	0.025	-0.025	-0.004	-
#BO_DG1_X	X	20.208	20.223	0.025	-0.025	-0.015	---
#BO_DG1_D	D	10.032	10.000	0.040	0.025	0.032	+-
#BO_DG1_P	td	0.032	0.050				+++
#BO_DG2_Z	Z	62.137	62.138	0.025	-0.025	-0.001	-
#BO_DG2_X	X	53.533	53.523	0.025	-0.025	0.010	++
#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	4.549	4.545	0.025	-0.025	0.004	+
#BO_DG3_X	X	83.796	83.787	0.025	-0.025	0.009	++
#BO_DG3_D	D	8.031	8.000	0.040	0.025	0.031	-
#BO_DG3_P	td	0.021	0.050				++
#BO_DG4_Z	Z	-37.438	-37.437	0.025	-0.025	-0.001	-
#BO_DG4_X	X	84.995	84.997	0.025	-0.025	-0.002	-

#BO_DG4_D	D	10.035	10.000	0.040	0.025	0.035	++
#BO_DG4_P	td	0.005	0.050				+
#BO_SD1_Z	Z	122.746	122.758	0.025	-0.025	-0.012	--
#BO_SD1_X	X	-18.888	-18.886	0.025	-0.025	-0.002	-
#BO_SD1_D	D	15.986	16.000	0.000	-0.018	-0.014	---
#BO_SD1_P	td	0.024	0.050				++
#BO_SD2_Z	Z	-89.536	-89.538	0.025	-0.025	0.002	+
#BO_SD2_X	X	91.464	91.458	0.025	-0.025	0.006	+
#BO_SD2_D	D	15.987	16.000	0.000	-0.018	-0.013	--
#BO_SD2_P	td	0.012	0.050				+
#BO_SR2_Z	Z	-56.691	-56.700	0.050	-0.050	0.009	+
#BO_SR2_X	X	42.714	42.733	0.050	-0.050	-0.019	--
#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	64.855	64.857	0.050	-0.050	-0.002	-
#BO_SR3_X	X	-28.913	-28.887	0.050	-0.050	-0.026	---
#BO_SR3_D	D	13.010	13.000	0.018	0.000	0.010	+
#BO_SR3_P	td	0.053	0.100				+++
#BO_SR4_Z	Z	94.165	94.176	0.050	-0.050	-0.011	-
#BO_SR4_X	X	-70.211	-70.200	0.050	-0.050	-0.011	-
#BO_SR4_D	D	10.015	10.000	0.015	0.000	0.015	0.000
#BO_SR4_P	td	0.031	0.100				++
#BO_SR5_Z	Z	-106.816	-106.831	0.050	-0.050	0.015	++
#BO_SR5_X	X	35.320	35.302	0.050	-0.050	0.018	++
#BO_SR5_D	D	10.012	10.000	0.015	0.000	0.012	+++
#BO_SR5_P	td	0.046	0.100				++
#P_18H7_Z	Z	104.557	104.550	0.050	-0.050	0.007	+
#P_18H7_X	X	-117.262	-117.257	0.050	-0.050	-0.005	-
#P_18H7_D	D	18.013	18.000	0.018	0.000	0.013	++
#P_18H7_P	td	0.017	0.100				+
#FL18H7_Y	Y	-49.555	49.560	0.050	-0.050	-0.005	-
#P_18H9_Z	Z	104.551	104.550	0.100	-0.100	0.001	+
#P_18H9_X	X	-117.250	-117.257	0.100	-0.100	0.007	+
#P_18H9_D	D	18.026	18.000	0.043	0.000	0.026	+
#P_18H9_P	td	0.014	0.200				+
#BO_P1_Z	Z	41.005	41.011	0.050	-0.050	-0.006	-
#BO_P1_X	X	-197.008	-196.986	0.050	-0.050	-0.022	--
#BO_P1_D	D	12.032	12.000	0.050	0.032	0.032	----
#BO_P1_P	td	0.047	0.100				++
#FL_P1_Y	Y	9.348	9.340	0.050	-0.050	0.008	+
#BO_P2_Y	Y	-30.232	-30.210	0.100	-0.100	-0.022	-
#BO_P2_Z	Z	-0.028	0.000	0.100	-0.100	-0.028	--
#BO_P2_D	D	19.984	20.000	-0.007	-0.028	-0.016	+

#BO_P2_P	td	0.071	0.200				++
#FL_P2_X	X	-93.623	93.600	0.100	-0.100	0.023	+
#BO_T1_Y	Y	25.973	26.000	0.200	-0.200	-0.027	-
#BO_T1_Z	Z	-0.095	0.000	0.050	-0.050	-0.095	-0.045
#BO_T1_D	D	21.051	21.050	0.100	-0.100	0.001	+
#BO_T1_P	td	0.197	0.100				0.097
#FL_T1_X	X	-192.834	192.853	0.100	-0.100	-0.019	-
#T1_PLAN	t	0.009	0.300				+
#BO_V_X	X	-55.177	-55.000	0.150	-0.150	-0.177	-0.027
#BO_V_Y	Y	138.267	138.300	0.150	-0.150	-0.033	-
#BO_V_D	D	6.019	5.995	0.033	-0.033	0.024	+++
#BO_V_P	td	0.355	0.300				0.055
#BO_PS1_X	X	34.933	35.000	0.050	-0.050	-0.067	-0.017
#BO_PS1_Y	Y	-41.455	-41.460	0.050	-0.050	0.005	+
#BO_PS1_D	D	9.513	9.500	0.050	-0.050	0.013	++
#BO_PS1_P	td	0.135	0.100				0.035
#BO_PS2_X	X	-35.065	-35.000	0.050	-0.050	-0.065	-0.015
#BO_PS2_Y	Y	-41.465	-41.460	0.050	-0.050	-0.005	-
#BO_PS2_D	D	9.512	9.500	0.050	-0.050	0.012	+
#BO_PS2_P	td	0.130	0.100				0.030
#FL_PS_PLA	t	0.004	0.030				+
#FL_PS_INC	tx	0.027	0.200				+
#FL_PS_PAR	t	0.038	0.100				++
#BO_CA1_X	X	0.050	0.000	0.130	-0.130	0.050	++
#BO_CA1_Y	Y	-11.595	-11.500	0.130	-0.130	-0.095	---
#BO_CA1_D	D	24.123	24.100	0.050	0.000	0.023	-
#BO_CA1_P	td	0.215	0.260				++++
#CA1_ROT	t	0.015	0.015				0.000
#BO_CA1_2D	D	50.869	50.900	0.050	-0.050	-0.031	---
#BO_CA1_3D	D	56.958	57.000	0.050	-0.050	-0.042	----
#CA1_3_CON	td	0.036	0.100				++
#BO_CA2_Y	Y	-11.529	-11.500	0.130	-0.130	-0.029	-
#BO_CA2_Z	Z	-0.101	0.000	0.130	-0.130	-0.101	----
#BO_CA2_D	D	24.124	24.100	0.050	0.000	0.024	-
#BO_CA2_P	td	0.210	0.260				++++
#CA2_ROT	t	0.015	0.015				0.000
#BO_CA2_2D	D	50.871	50.900	0.050	-0.050	-0.029	---
#BO_CA2_3D	D	56.960	57.000	0.050	-0.050	-0.040	----

#CA2_3_CON	td	0.125	0.100				0.025
#BO_J/A2_Z	Z	146.813	146.846	0.150	-0.150	-0.033	-
#BO_J/A2_X	X	76.344	76.161	0.150	-0.150	0.183	0.033
#BO_J/A2_P	td	0.371	0.300				0.071
#BO_R/A2_Z	Z	-175.930	-176.000	0.150	-0.150	0.070	++
#BO_R/A2_X	X	-70.517	-70.500	0.150	-0.150	-0.017	-
#BO_R/A2_P	td	0.144	0.300				++
#BO_D/GR_Z	Z	0.024	0.000	0.150	-0.150	0.024	+
#BO_D/GR_X	X	0.078	0.000	0.150	-0.150	0.078	+++
#BO_D/GR_P	td	0.163	0.300				+++
#SIMM_H	ty	0.072	0.600				+

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 29/04/13 23.49.01

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione |

CICLO CNC

DISEGNO No. | ORDINE No. | FORNITORE/CLIENTE | OPERAZIONE |
 K_TR_321__FASE2 | | Bz361-538 | Dx ZEISS 2 | TEST

OPERATORE | DATA | NUMERO PART. | | | | | | | |
 Partipilo | 21. 4.2013 | TEST CONI | 321_FASE2 | M | 1 | 8:23:39

TEMP. PEZZO 23.88

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#CONO_Z1_X	X	-264.739	-264.750	0.150	-0.150	0.011	+
	#CONO_Z1_Y	Y	71.892	72.000	0.150	-0.150	-0.108	---
	#CONO_Z1_Z	Z	144.838	144.911	0.150	-0.150	-0.073	--
	#ALT_Z2_Z	Z	4.173	4.000	0.800	-0.800	0.173	+
	#CONO_Z2_X	X	78.383	78.350	0.150	-0.150	0.033	+
	#CONO_Z2_Y	Y	55.511	55.500	0.150	-0.150	0.011	+
	#ANG_Z2	AC	59.957	60.000	0.100	-0.100	-0.043	--
	#CONO_Z2_Z	Z	160.480	160.459	0.150	-0.150	0.021	+
	#ALT_Z3_Z	Z	4.261	4.000	0.800	-0.800	0.261	++
	#CONO_Z3_X	X	-122.785	-122.820	0.150	-0.150	0.035	+
	#CONO_Z3_Y	Y	92.740	93.300	0.150	-0.150	-0.560	-0.410
	#ANG_Z3	AC	59.969	60.000	0.100	-0.100	-0.031	--
	#CONO_Z3_Z	Z	161.659	161.732	0.150	-0.150	-0.073	--
	#Z3/Z2__X	X	-201.161	201.170	0.050	-0.050	-0.009	-
	#Z3/Z2__Y	Y	37.228	37.300	0.050	-0.050	-0.072	-0.022
	#Z3/Z2__P	td	0.173	0.100				0.073
	#Z3/Z2__Z	Z	-1.180	1.273	0.050	-0.050	-0.093	-0.043

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 21/04/13 8.44.01

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione

CICLO CNC

DISEGNO No. K_TR_B21_FASE1	Indice	PROV.MAC Bz -538	ZEISS Cx ZEISS 1	TIPO MISURA MIS. PERIODICA
OPERATORE Santorsola	DATA 19. 4.2013	NUMERO PART. DMC	PROGRAMMA 321_FASE1	PALETTE TIME 1 17:15:44

TEMP. PEZZO 21.22

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#ALT_Z1_Z	Z	4.612	4.000	0.800	-0.800	0.612	+++
	#CONO_Z1_X	X	-264.748	-264.750	0.150	-0.150	0.002	+
	#CONO_Z1_Y	Y	71.912	72.000	0.150	-0.150	-0.088	---
	#ANG_Z1	AC	60.028	60.000	0.100	-0.100	0.028	++
	#CONO_Z1_Z	Z	144.773	144.911	0.150	-0.150	-0.138	----
	#ALT_Z2_Z	Z	4.206	4.000	0.800	-0.800	0.206	++
	#CONO_Z2_X	X	78.341	78.350	0.150	-0.150	-0.009	-
	#CONO_Z2_Y	Y	55.496	55.500	0.150	-0.150	-0.004	-
	#ANG_Z2	AC	59.957	60.000	0.100	-0.100	-0.043	--
	#CONO_Z2_Z	Z	160.428	160.459	0.150	-0.150	-0.031	-
	#ALT_Z3_Z	Z	4.278	4.000	0.800	-0.800	0.278	++
	#CONO_Z3_X	X	-122.795	-122.820	0.150	-0.150	0.025	+
	#CONO_Z3_Y	Y	92.749	93.300	0.150	-0.150	-0.551	-0.401
	#ANG_Z3	AC	59.957	60.000	0.100	-0.100	-0.043	--
	#CONO_Z3_Z	Z	161.614	161.732	0.150	-0.150	-0.118	----
	#Z3/Z2_X	X	-201.128	201.170	0.050	-0.050	-0.042	----
	#Z3/Z2_Y	Y	37.254	37.300	0.050	-0.050	-0.046	----
	#Z3/Z2_P	td	0.100	0.100				++++
	#Z3/Z2_Z	Z	-1.187	1.273	0.050	-0.050	-0.086	-0.036

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 19/04/13 18.06.36

PROTOCOLLO DI MISURA ZEISS UMESS

```

Scatola Frizione |
=====
DISEGNO No. | Indice | PROV.MAC | ZEISS | TIPO MISURA
K_TR_321__FASE1 | | Bz -538 | Cx ZEISS 1 | MIS. PERIODICA

OPERATORE | DATA | NUMERO PART. | PROGRAMMA | PALETTE | TIME
Santorsola | 19. 4.2013 | DMC | 321_FASE1 | 1 | 17:15:44
    
```

```

=====
IND | NOMI / IDF | SY | VAL ATT | VAL NOM | TOL.S | TOL.I | DEV | MAG
=====
6221 COORDINATE CONO
#ALT_Z1_Z Z 4.612 4.000 0.800 -0.800 0.612 +++++
6225 CONO I RICHIAMO ( 907) CON TRASFORMAZIONE
#CONO_Z1_X X -264.748 -264.750 0.150 -0.150 0.002 +
#CONO_Z1_Y Y 71.912 72.000 0.150 -0.150 -0.088 ---
#ANG_Z1 AC 60.028 60.000 0.100 -0.100 0.028 ++
6227 FORMULA: 144.91-Z(6226)+6.2496
#CONO_Z1_Z Z 144.773 144.911 0.150 -0.150 -0.138 ----
6234 COORDINATE CONO
#ALT_Z2_Z Z 4.206 4.000 0.800 -0.800 0.206 ++
6238 CONO I RICHIAMO ( 911) CON TRASFORMAZIONE
#CONO_Z2_X X 78.341 78.350 0.150 -0.150 -0.009 -
#CONO_Z2_Y Y 55.496 55.500 0.150 -0.150 -0.004 -
#ANG_Z2 AC 59.957 60.000 0.100 -0.100 -0.043 --
6240 FORMULA: 160.45-Z(6239)+6.2496
#CONO_Z2_Z Z 160.428 160.459 0.150 -0.150 -0.031 -
6247 COORDINATE CONO
#ALT_Z3_Z Z 4.278 4.000 0.800 -0.800 0.278 ++
6251 CONO I RICHIAMO ( 909) CON TRASFORMAZIONE
#CONO_Z3_X X -122.795 -122.820 0.150 -0.150 0.025 +
#CONO_Z3_Y Y 92.749 93.300 0.150 -0.150 -0.551 -0.401
#ANG_Z3 AC 59.957 60.000 0.100 -0.100 -0.043 --
6253 FORMULA: 161.732-Z(6252)+6.2496
#CONO_Z3_Z Z 161.614 161.732 0.150 -0.150 -0.118 ----
6266 CONO I RICHIAMO ( 909) CON TRASFORMAZIONE
#Z3/Z2__X X -201.128 201.170 0.050 -0.050 -0.042 ----
#Z3/Z2__Y Y 37.254 37.300 0.050 -0.050 -0.046 ----
6267 GDT POSIZIONE
X1 -201.158 201.170 -0.012
Y1 37.252 37.300 -0.048
#Z3/Z2__P td 0.100 0.100 +++++
6271 FORMULA: Z(6240)-Z(6253)
#Z3/Z2__Z Z -1.187 1.273 0.050 -0.050 -0.086 -0.036
    
```

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC
 =====
 DISEGNO No. | ORDINE No. | FORNITORE/CLIENTE | OPERAZIONE |
 K_TR_321__FASE2 | | Bz361-538 | Dx ZEISS 2 | TEST |
 OPERATORE | DATA | NUMERO PART. |
 Antonacci | 21. 4.2013 | PEZ. N43 | 321_FASE2 | M 1 | 18:20:44

TEMP. PEZZO 21.11

IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#CONO_Z1_X	X	-264.749	-264.750	0.150	-0.150	0.001	+
	#CONO_Z1_Y	Y	71.893	72.000	0.150	-0.150	-0.107	---
	#CONO_Z1_Z	Z	144.832	144.911	0.150	-0.150	-0.079	---
	#ALT_Z2__Z	Z	4.151	4.000	0.800	-0.800	0.151	+
	#CONO_Z2_X	X	78.352	78.350	0.150	-0.150	0.002	+
	#CONO_Z2_Y	Y	55.500	55.500	0.150	-0.150	0.000	+-
	#ANG_Z2	AC	59.973	60.000	0.100	-0.100	-0.027	--
	#CONO_Z2_Z	Z	160.485	160.459	0.150	-0.150	0.026	+
	#ALT_Z3__Z	Z	4.243	4.000	0.800	-0.800	0.243	++
	#CONO_Z3_X	X	-122.801	-122.820	0.150	-0.150	0.019	+
	#CONO_Z3_Y	Y	92.734	93.300	0.150	-0.150	-0.566	-0.416
	#ANG_Z3	AC	59.997	60.000	0.100	-0.100	-0.003	-
	#CONO_Z3_Z	Z	161.654	161.732	0.150	-0.150	-0.078	---
	#Z3/Z2__X	X	-201.148	201.170	0.050	-0.050	-0.022	--
	#Z3/Z2__Y	Y	37.231	37.300	0.050	-0.050	-0.069	-0.019
	#Z3/Z2__P	td	0.115	0.100				0.015
	#Z3/Z2__Z	Z	-1.169	1.273	0.050	-0.050	-0.104	-0.054

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 21/04/13 18.42.15

PROTOCOLLO DI MISURA ZEISS UMESS

Scatola Frizione | CICLO CNC
 =====
 DISEGNO No. | ORDINE No. | FORNITORE/CLIENTE | OPERAZIONE |
 K_TR_321__FASE2 | | Bz361-538 | Dx ZEISS 2 | TEST |
 OPERATORE | DATA | NUMERO PART. |
 Antonacci | 21. 4.2013 | PEZ. N44 | 321_FASE2 | L 1 | 18:40:57

TEMP. PEZZO 20.66

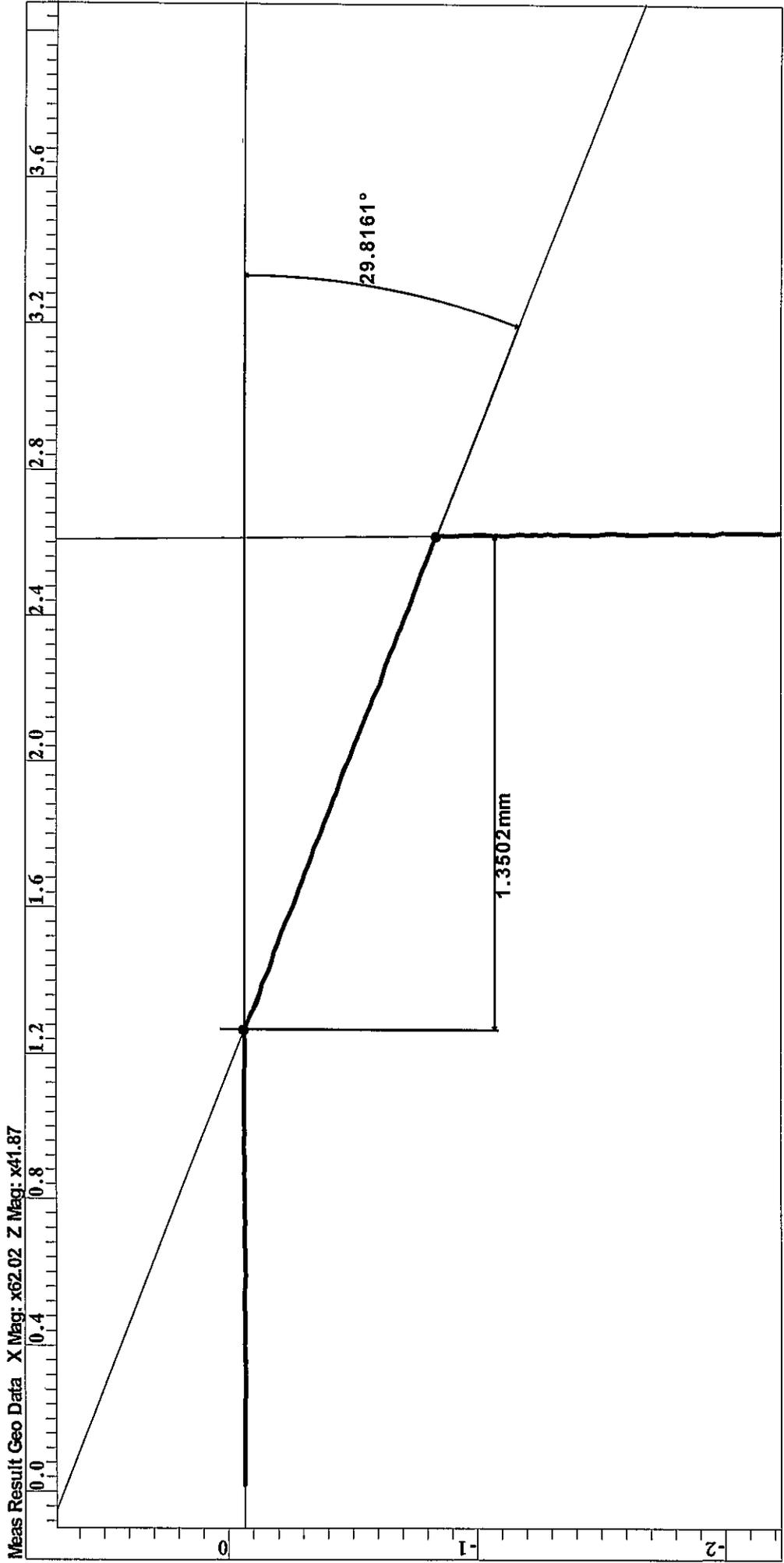
IND	NOMI / IDF	SY	VAL ATT	VAL NOM	TOL.S	TOL.I	DEV	MAG
	#CONO_Z1_X	X	-264.744	-264.750	0.150	-0.150	0.006	+
	#CONO_Z1_Y	Y	71.876	72.000	0.150	-0.150	-0.124	----
	#CONO_Z1_Z	Z	144.819	144.911	0.150	-0.150	-0.092	---
	#ALT_Z2_Z	Z	4.039	4.000	0.800	-0.800	0.039	+
	#CONO_Z2_X	X	78.356	78.350	0.150	-0.150	0.006	+
	#CONO_Z2_Y	Y	55.502	55.500	0.150	-0.150	0.002	+
	#ANG_Z2	AC	59.996	60.000	0.100	-0.100	-0.004	-
	#CONO_Z2_Z	Z	160.486	160.459	0.150	-0.150	0.027	+
	#ALT_Z3_Z	Z	4.090	4.000	0.800	-0.800	0.090	+
	#CONO_Z3_X	X	-122.800	-122.820	0.150	-0.150	0.020	+
	#CONO_Z3_Y	Y	92.723	93.300	0.150	-0.150	-0.577	-0.427
	#ANG_Z3	AC	59.971	60.000	0.100	-0.100	-0.029	--
	#CONO_Z3_Z	Z	161.648	161.732	0.150	-0.150	-0.084	---
	#Z3/Z2__X	X	-201.149	201.170	0.050	-0.050	-0.021	--
	#Z3/Z2__Y	Y	37.220	37.300	0.050	-0.050	-0.080	-0.030
	#Z3/Z2__P	td	0.156	0.100				0.056
	#Z3/Z2__Z	Z	-1.162	1.273	0.050	-0.050	-0.111	-0.061

Pag. 1

 PROTOCOLLO STAMPATO DA NEW-GSSTAT IL 21/04/13 18.59.27

foro V
CH 3321

13/05/09 12:54:23

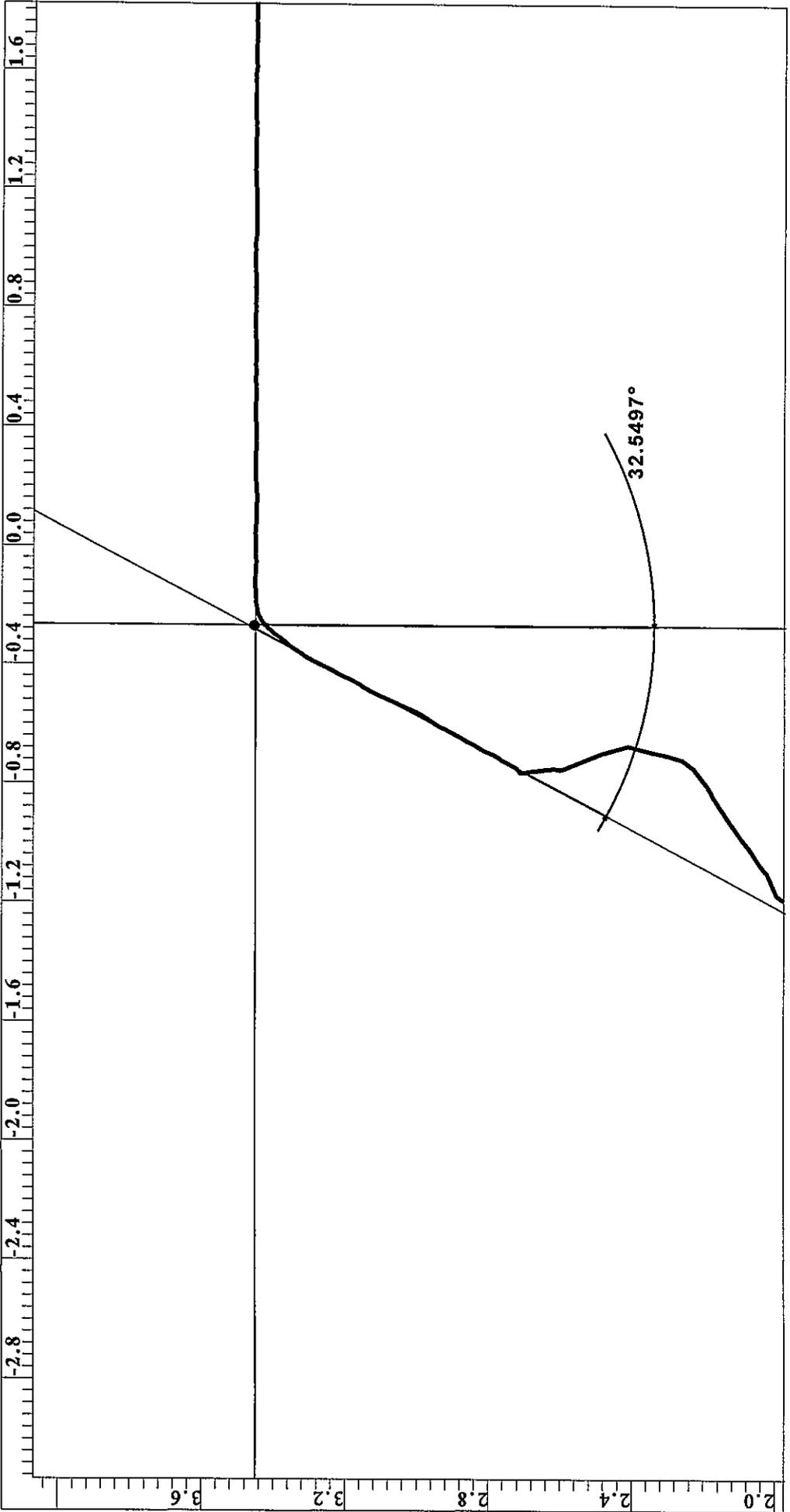


foro OD
CH 3321

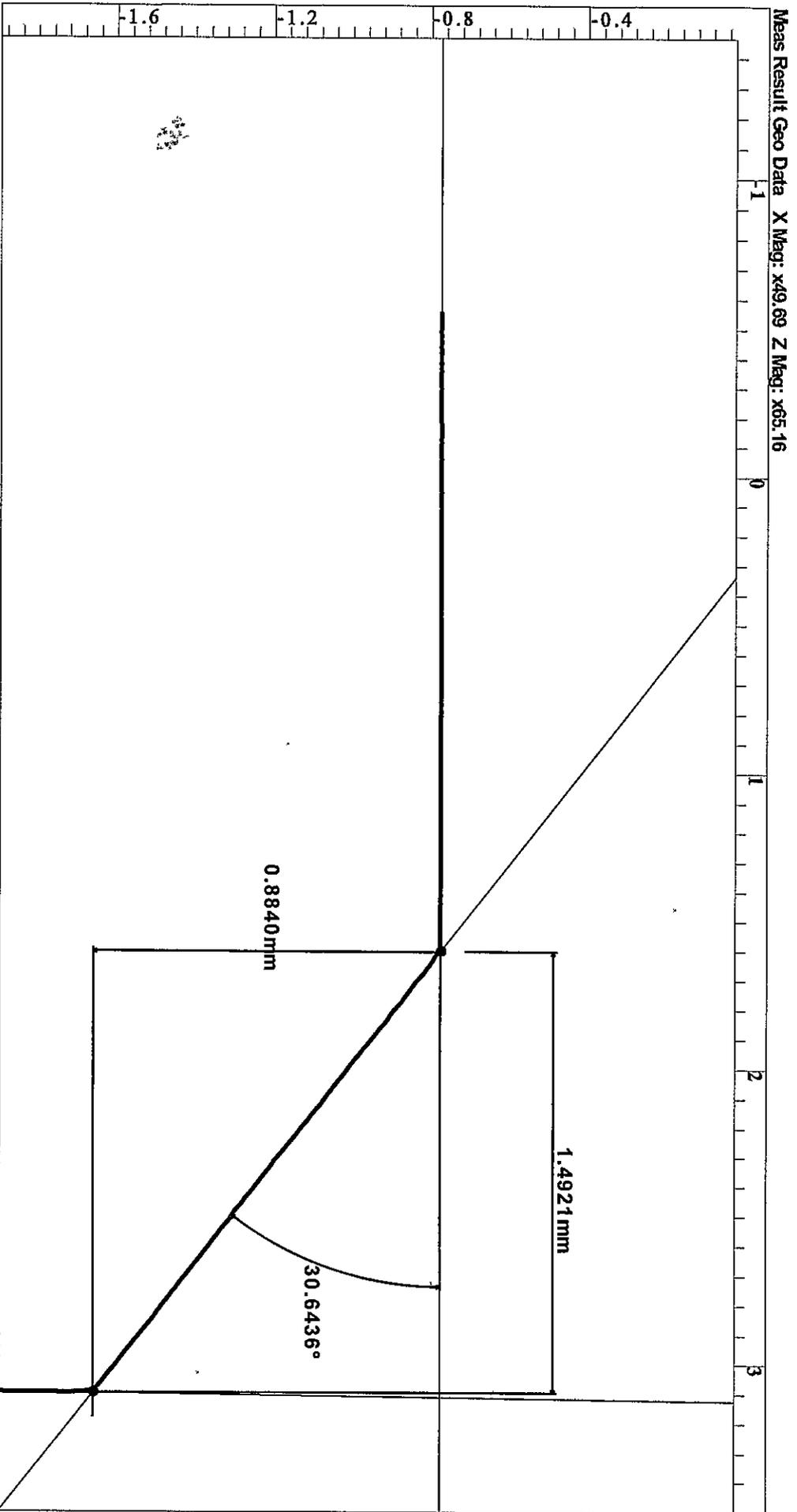
13/05/09 13:11:16

ϕ 18.65 MISO RATIO = 18.5%
-6/106

Meas Result Geo Data X Mag: x50.81 Z Mag: x60.6

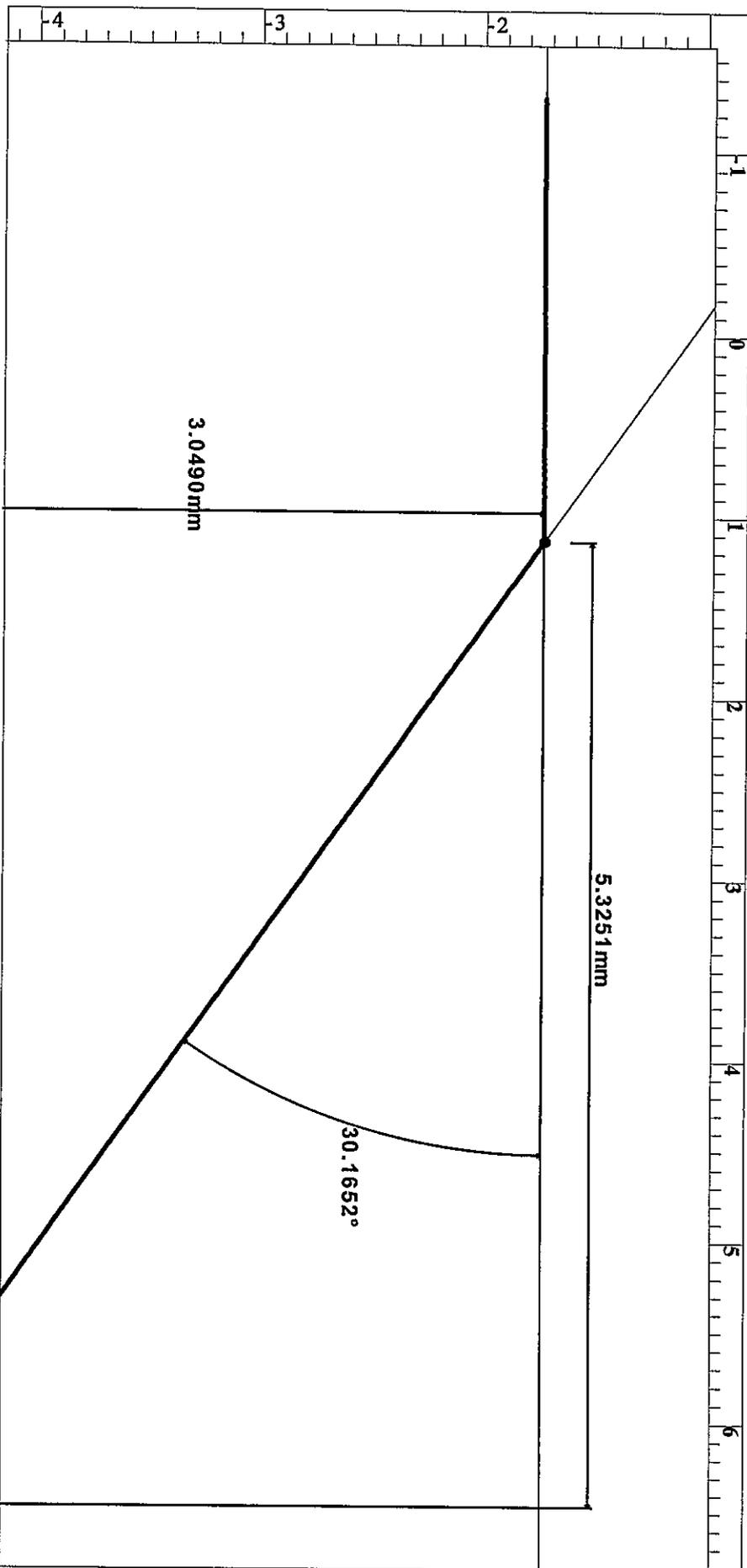


Profilo Smusso foro "CA1" diametro 24.1

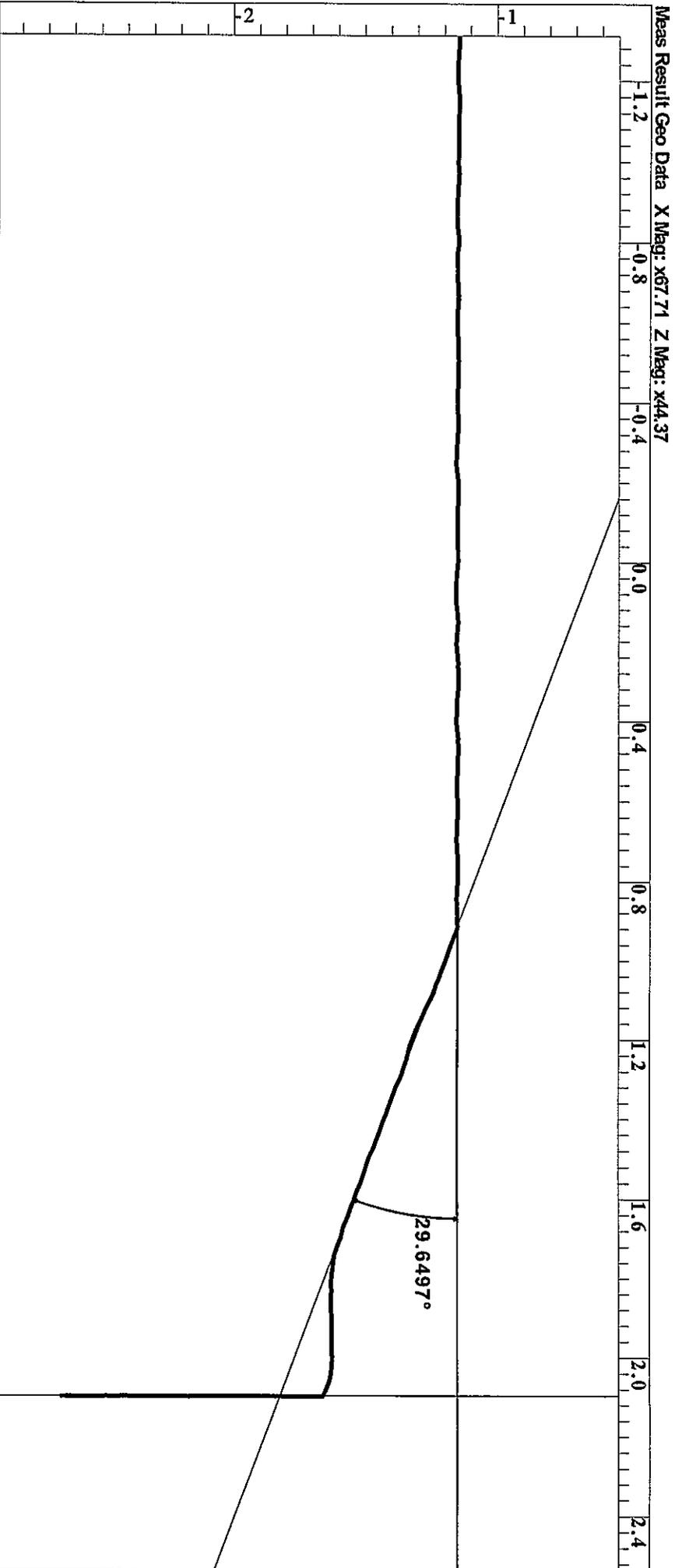


Profilo smusso foro "CA1" diametro 50.9

Meas Result Geo Data X Mag: x28.54 Z Mag: x34.75

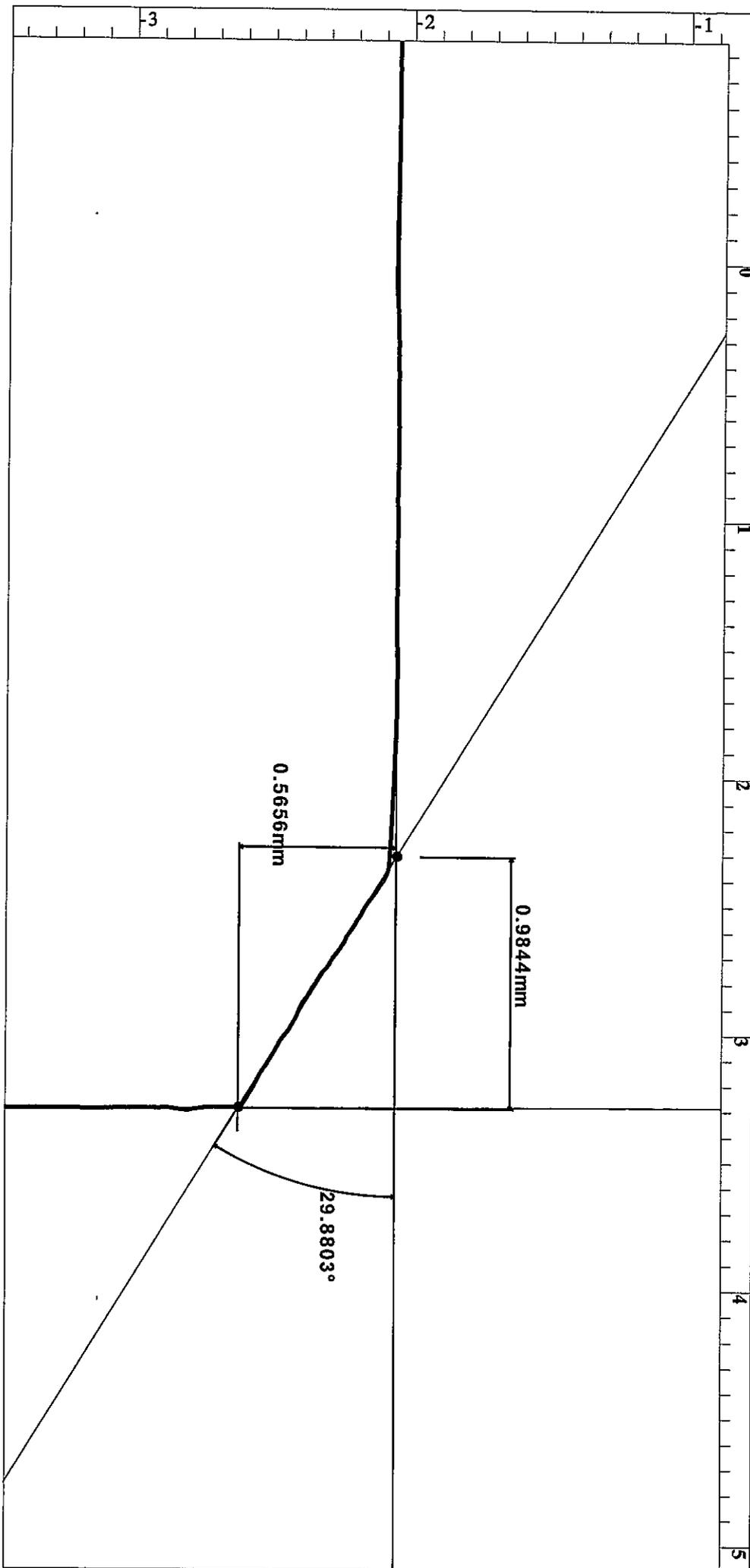


Angolo Foro "T1"



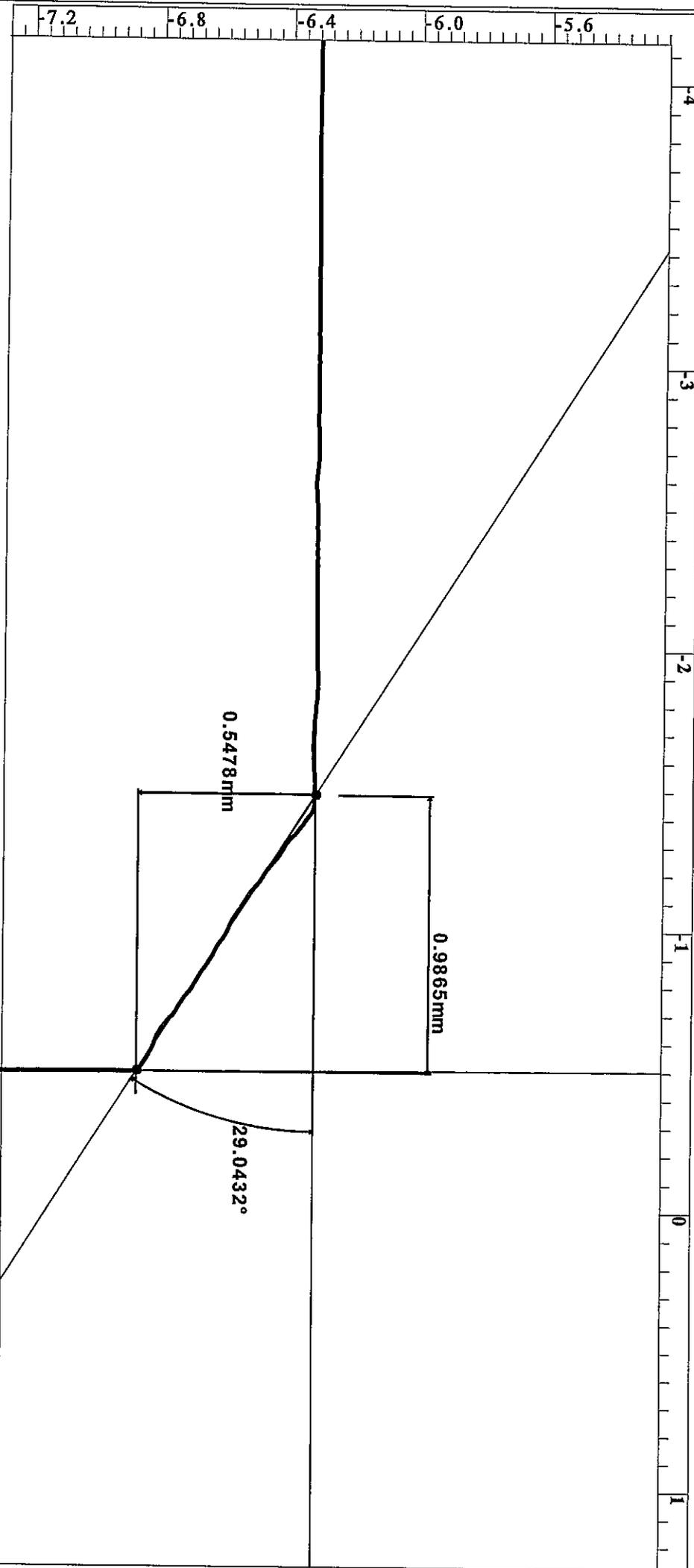
Profilo smusso foro "R"

Mess. Risult. Geo Data X Mag: x44.72 Z Mag: x47.84



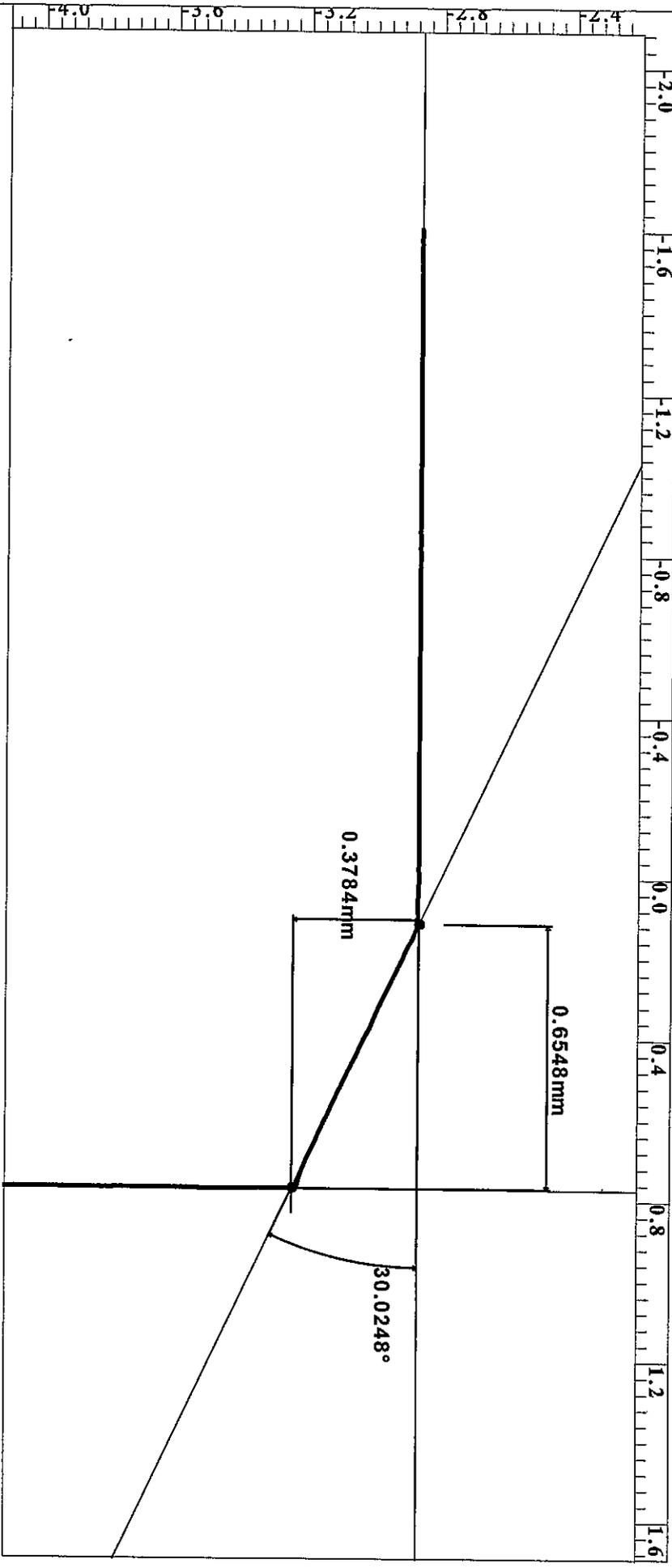
Profilo foro "J"

Meas Result Geo Data X Mag: x49.89 Z Mag: x56.79



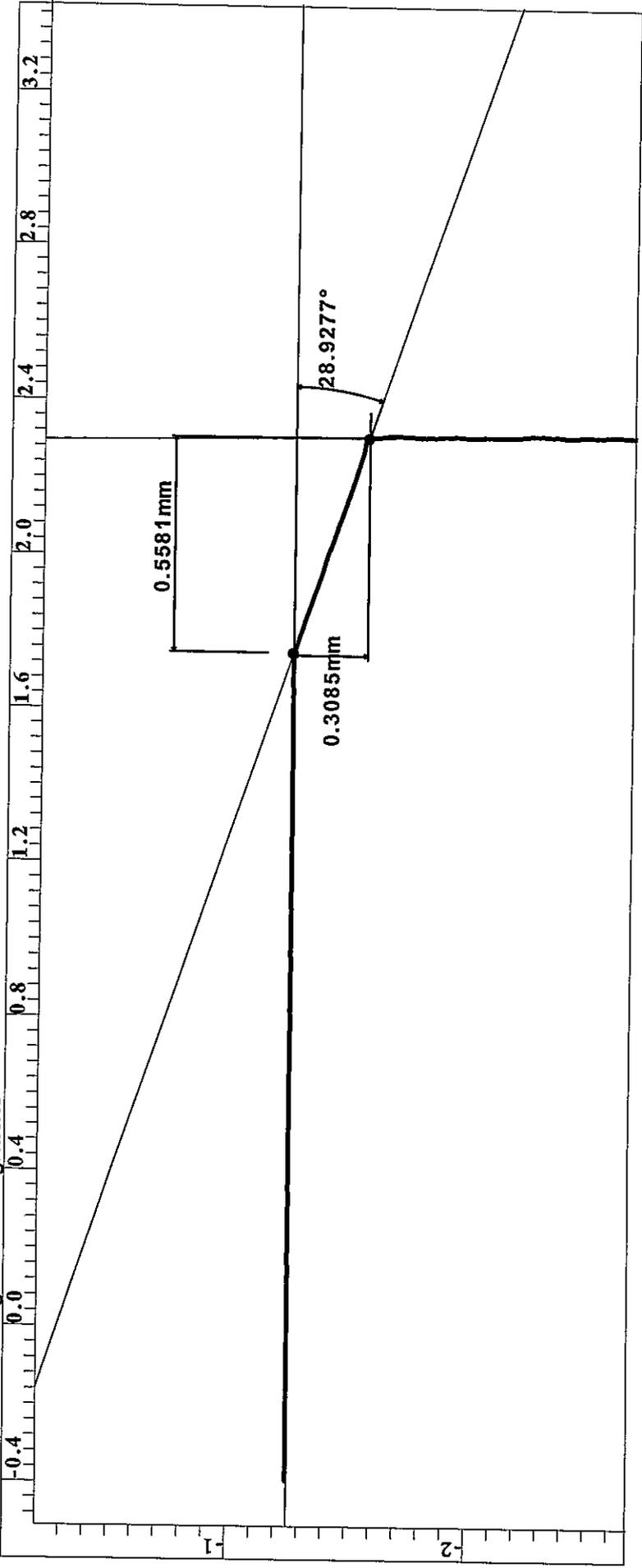
Perfil foro "M"

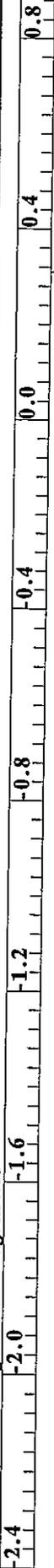
Test Result Geo Data X Mag: x65.93 Z Mag: x53.66



Perfil foro "K"

Meas Result Geo Data X Mag: x62.19 Z Mag: x38.13

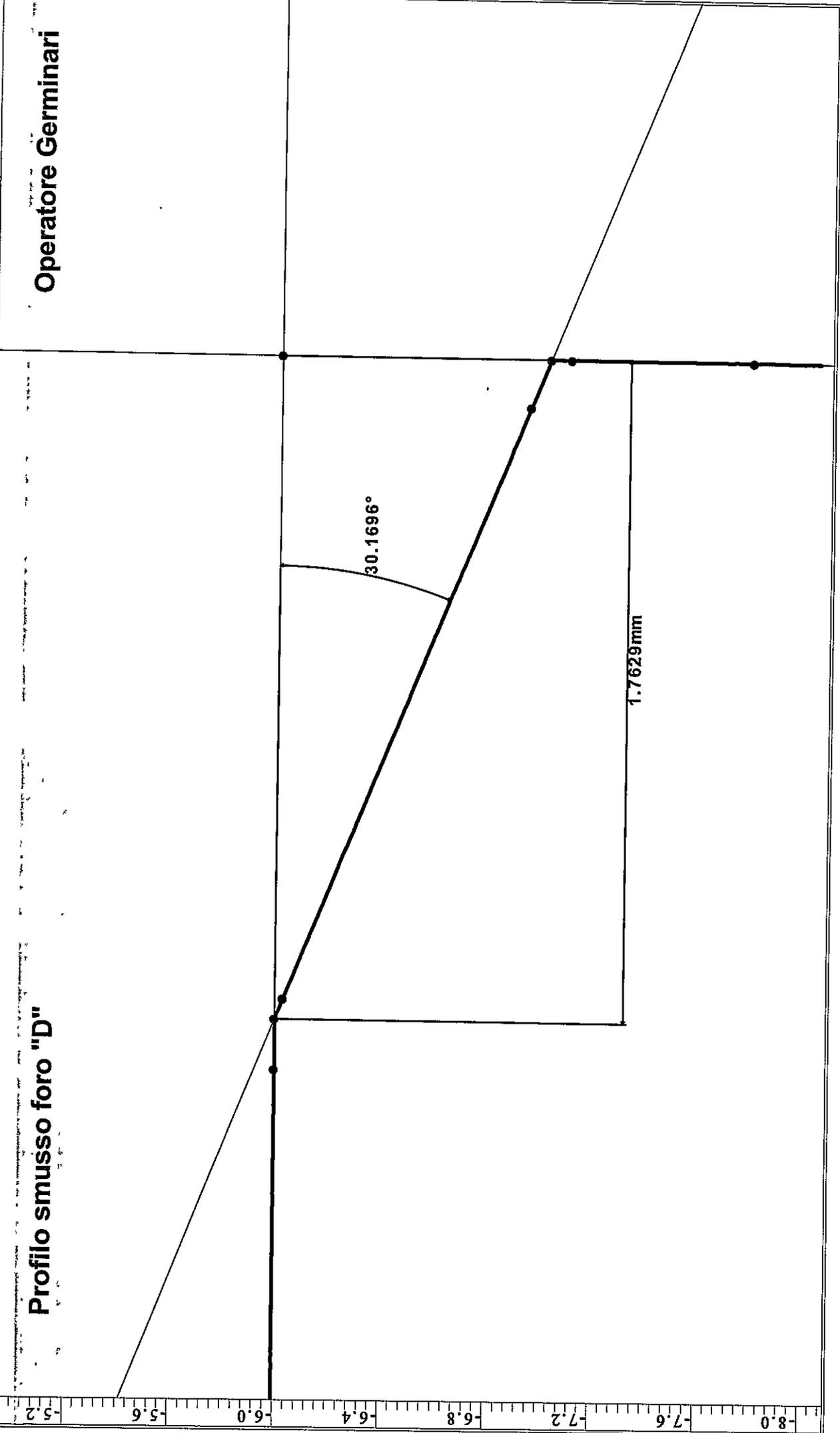


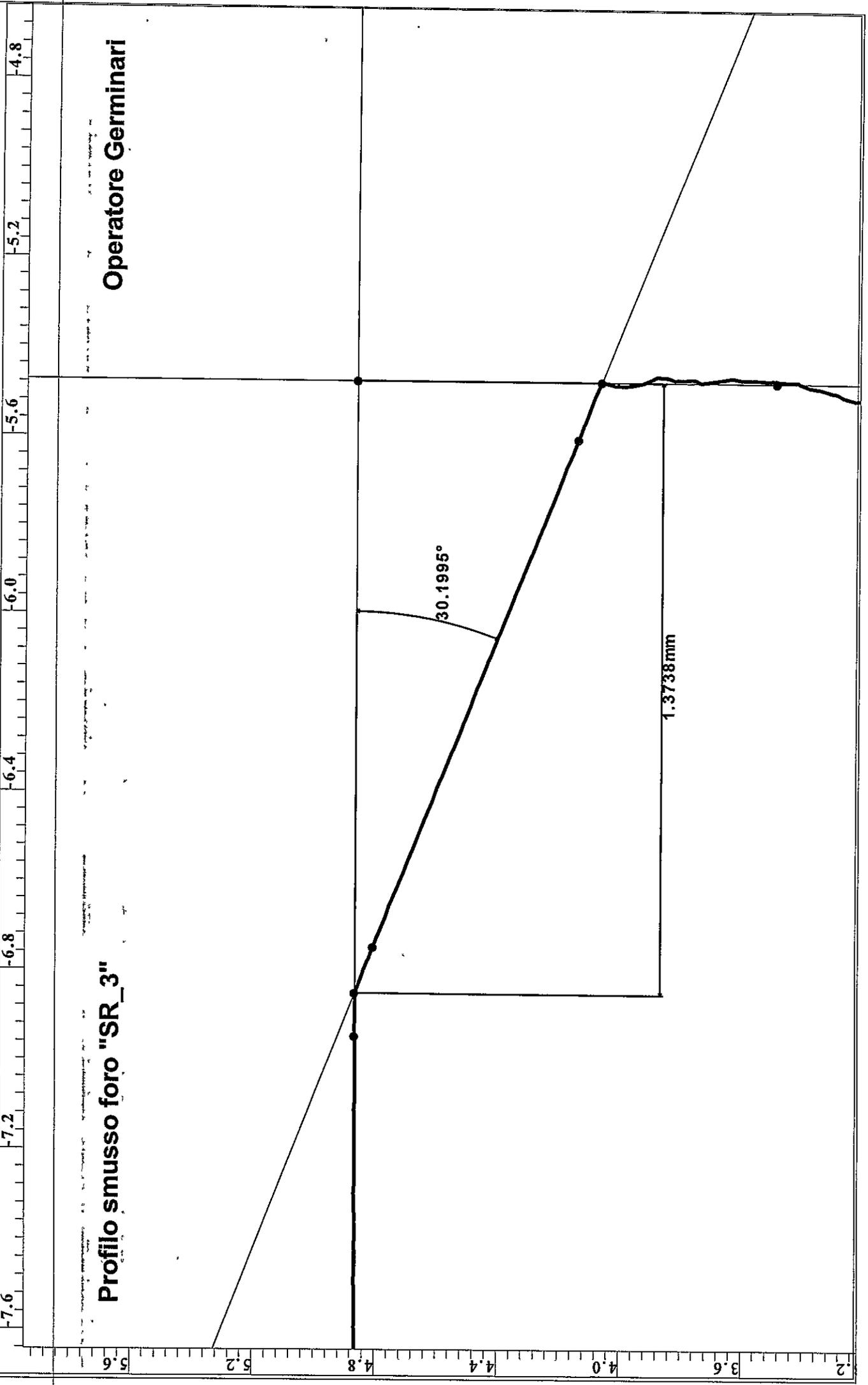


Profilo smusso foro "D"

Operatore Germinari

Faint vertical text on the left side of the plot area, possibly containing measurement parameters or identifiers.





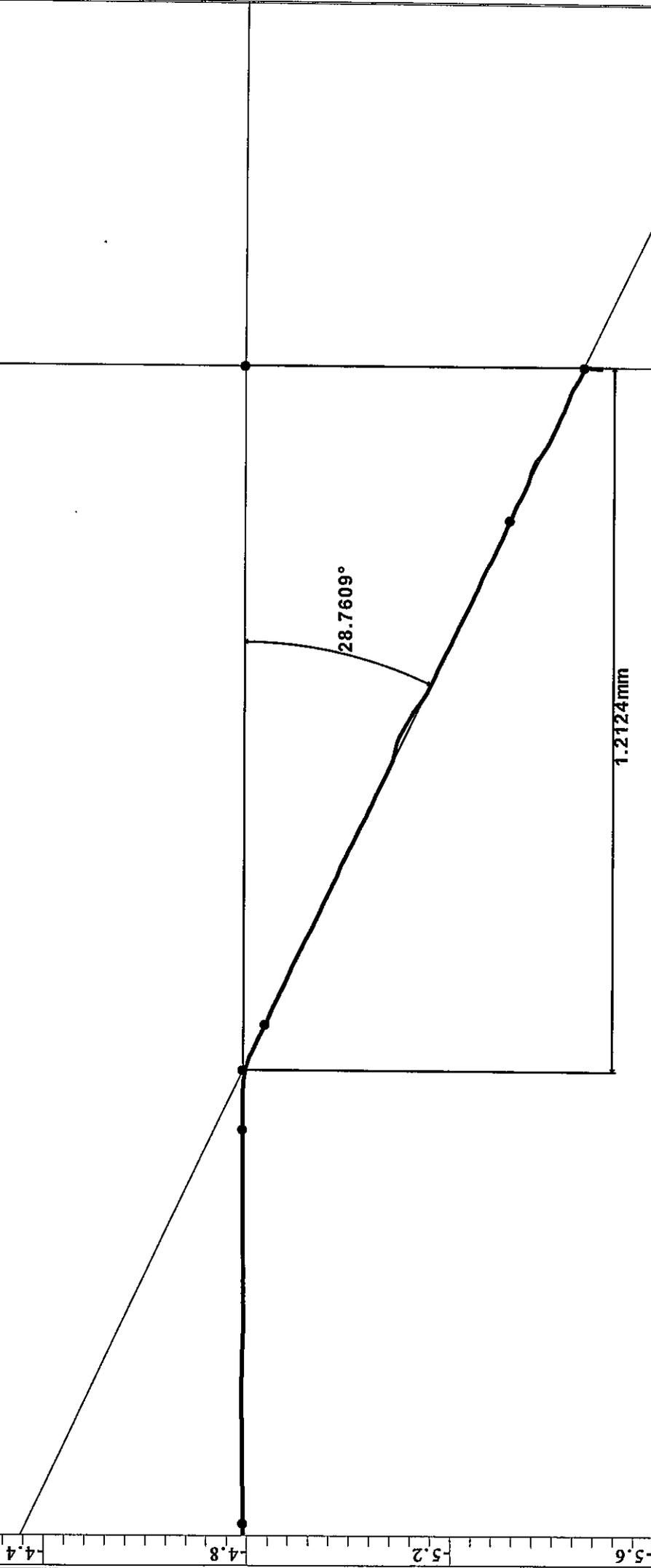
Profilo smusso foro "SR_3"

Operatore Germinari



Profilo smusso foro "SR_4_R"

Operatore Germinari

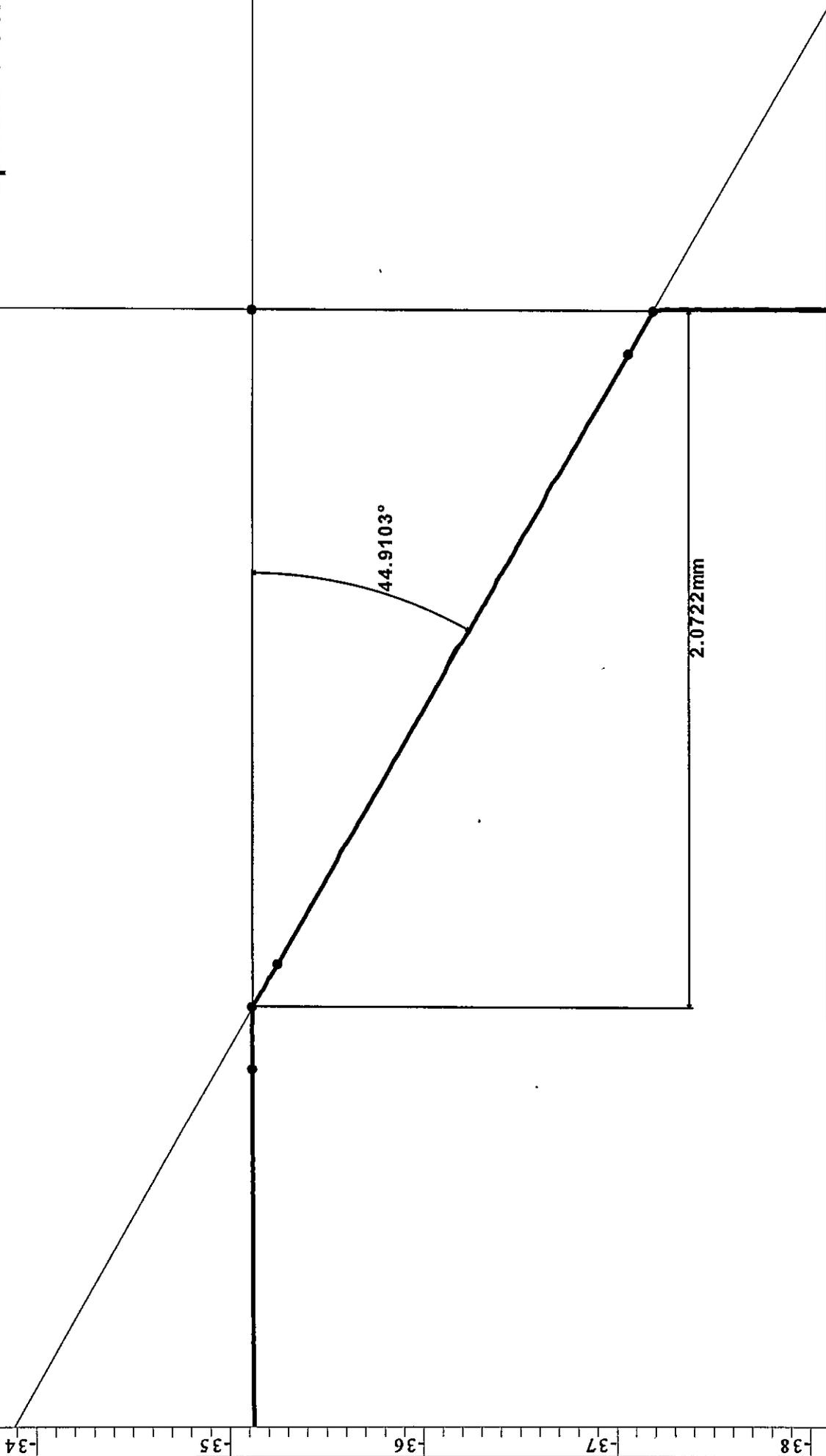


Meas Result Geo Data X Mag: x60.62 Z Mag: x34.58

63.2 63.6 64.0 64.4 64.8 65.2 65.6 66.0 66.4 66.8 67.2

Profilo smusso foro "SD1"

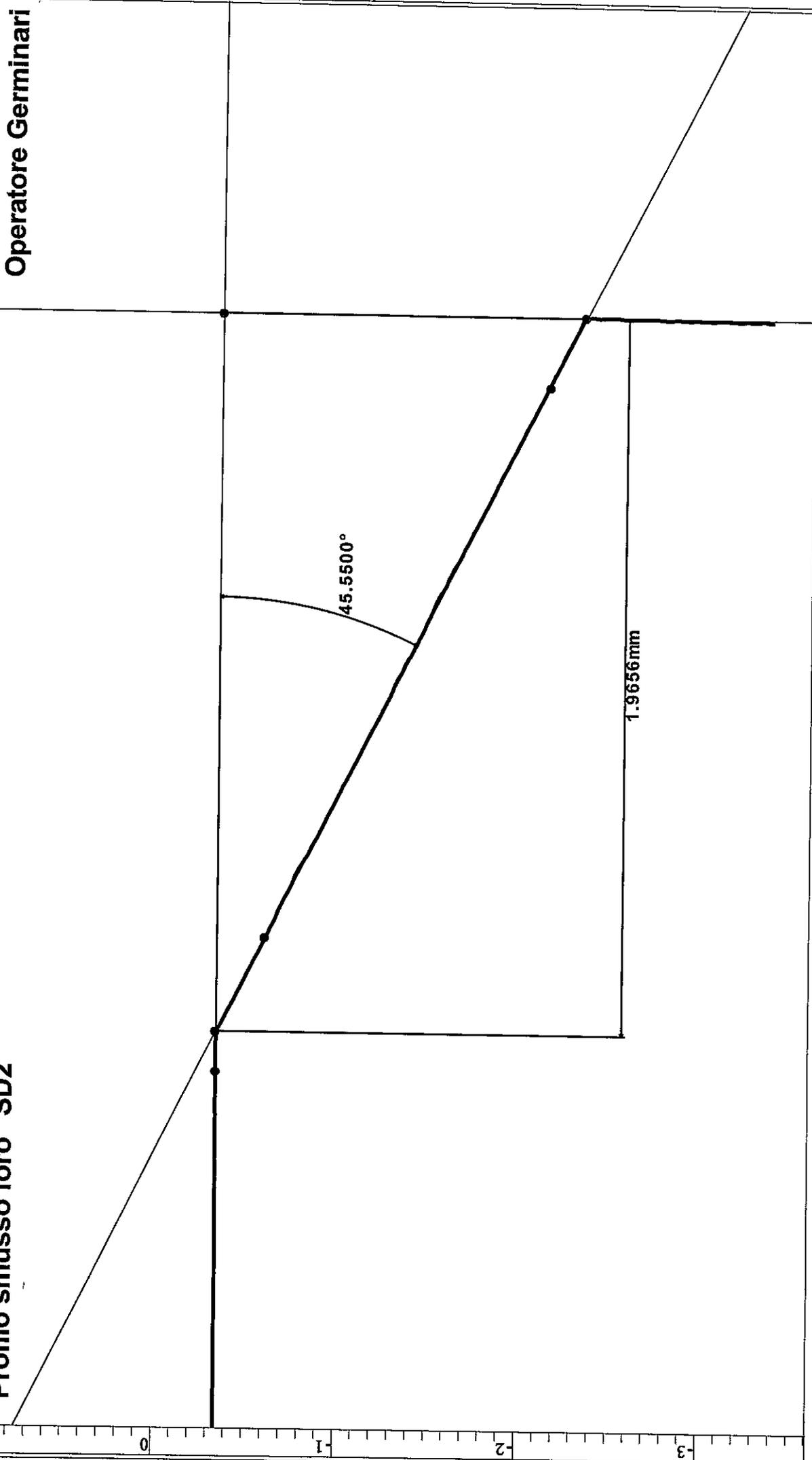
Operatore Germinari





Profilo smusso foro "SD2"

Operatore Germinari



Meas Result Geo Data X Mag: x175 Z Mag: x115.5

-11.4

-11.2

-11.0

-10.8

-10.6

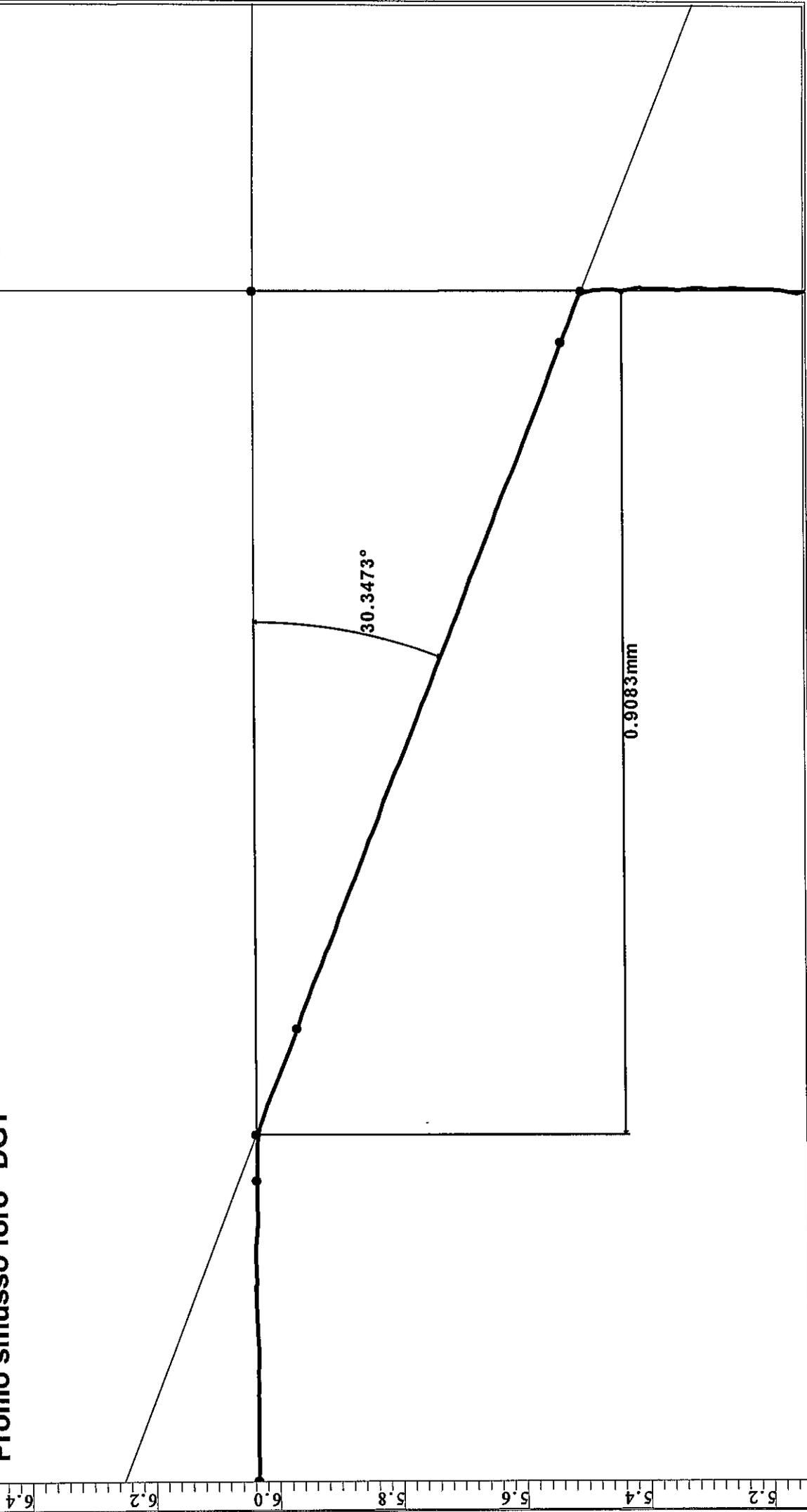
-10.4

-10.2

-10.0

Profilo smusso foro "DG1"

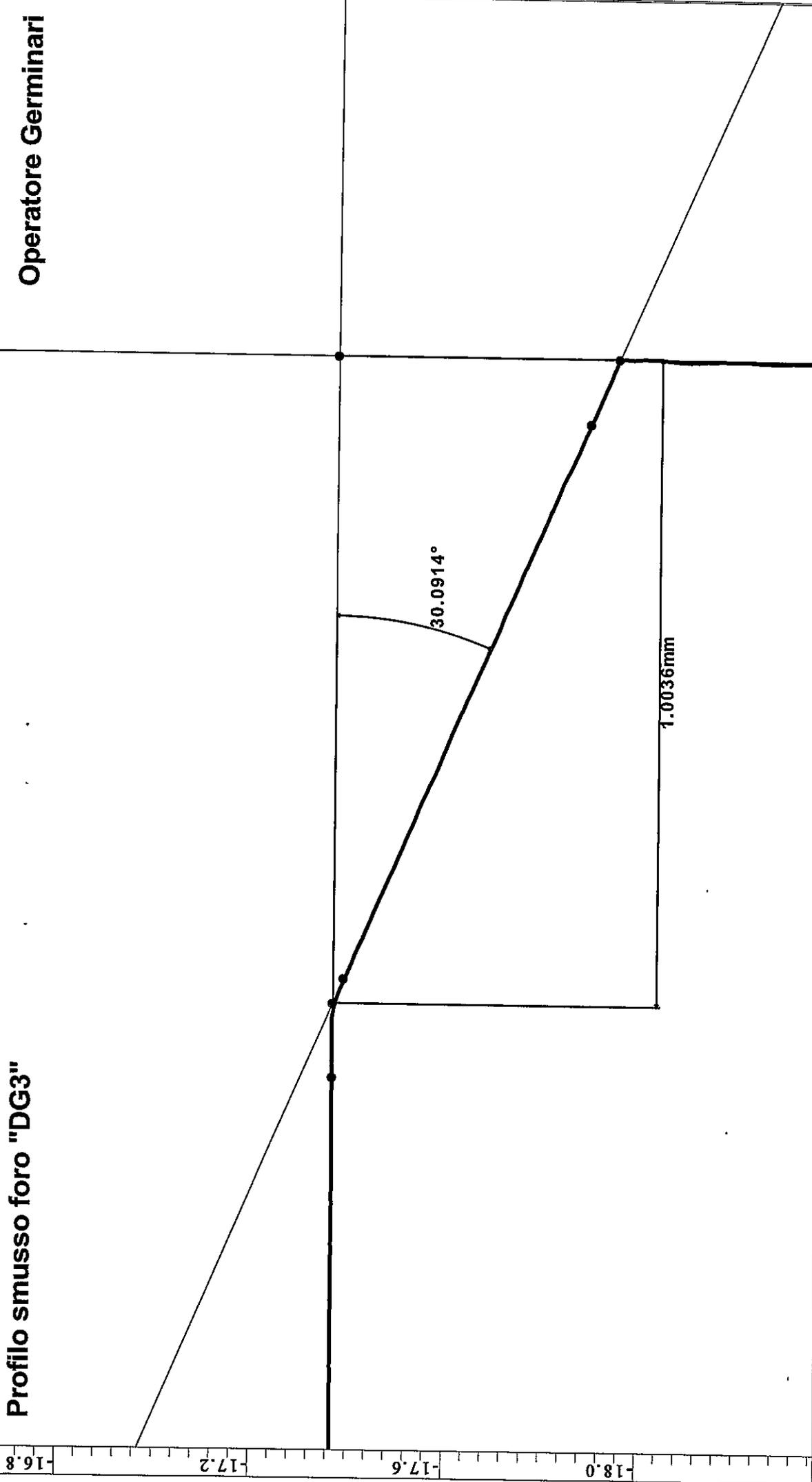
Operatore Germinari





Profilo smusso foro "DG3"

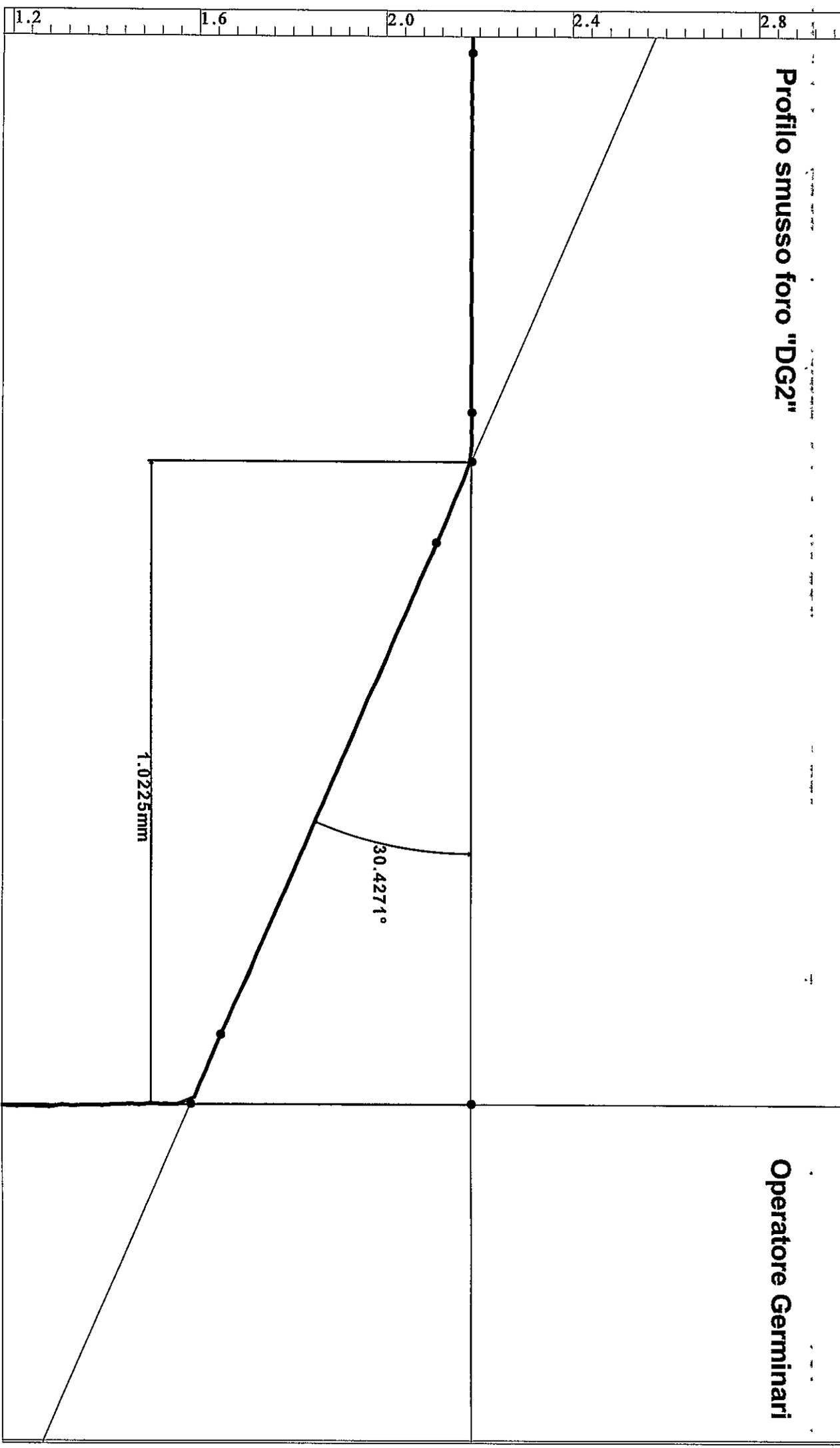
Operatore Germinari

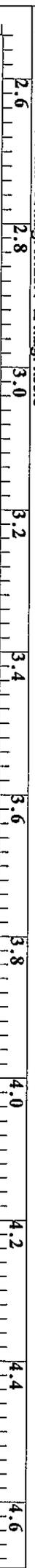




Profilo smusso foro "DG2"

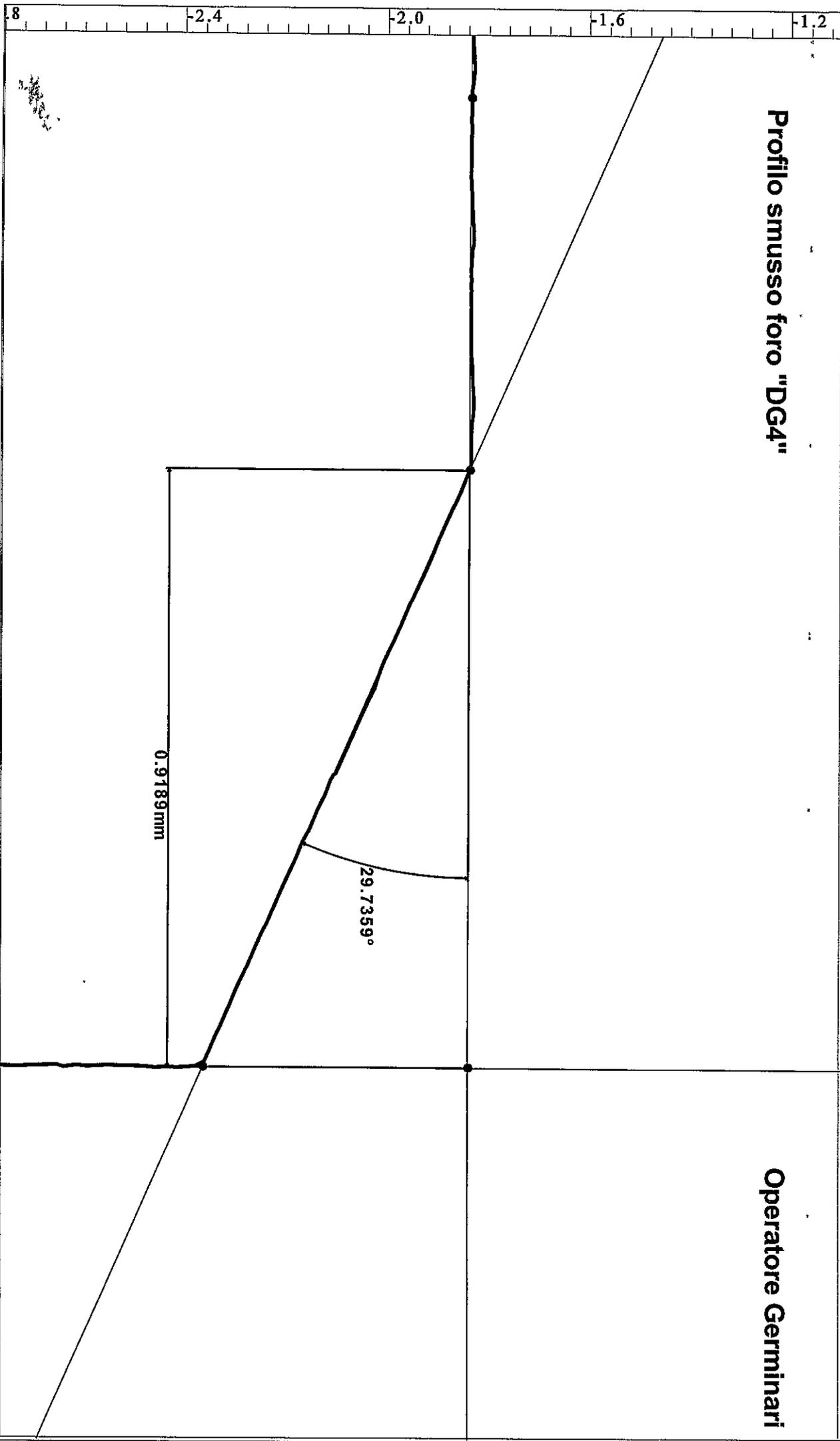
Operatore Germinari



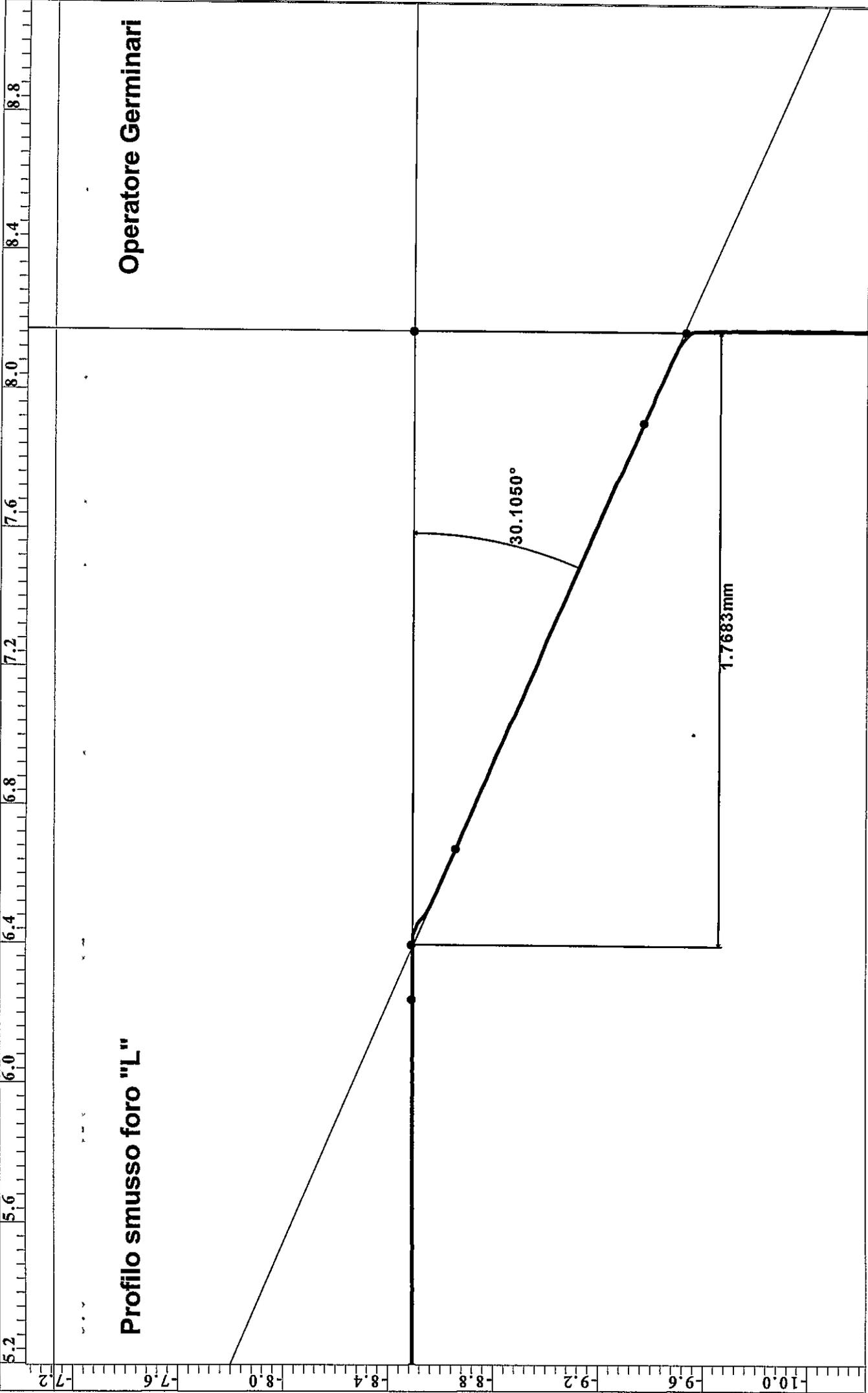


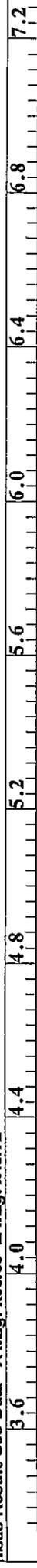
Profilo smusso foro "DG4"

Operatore Germinari



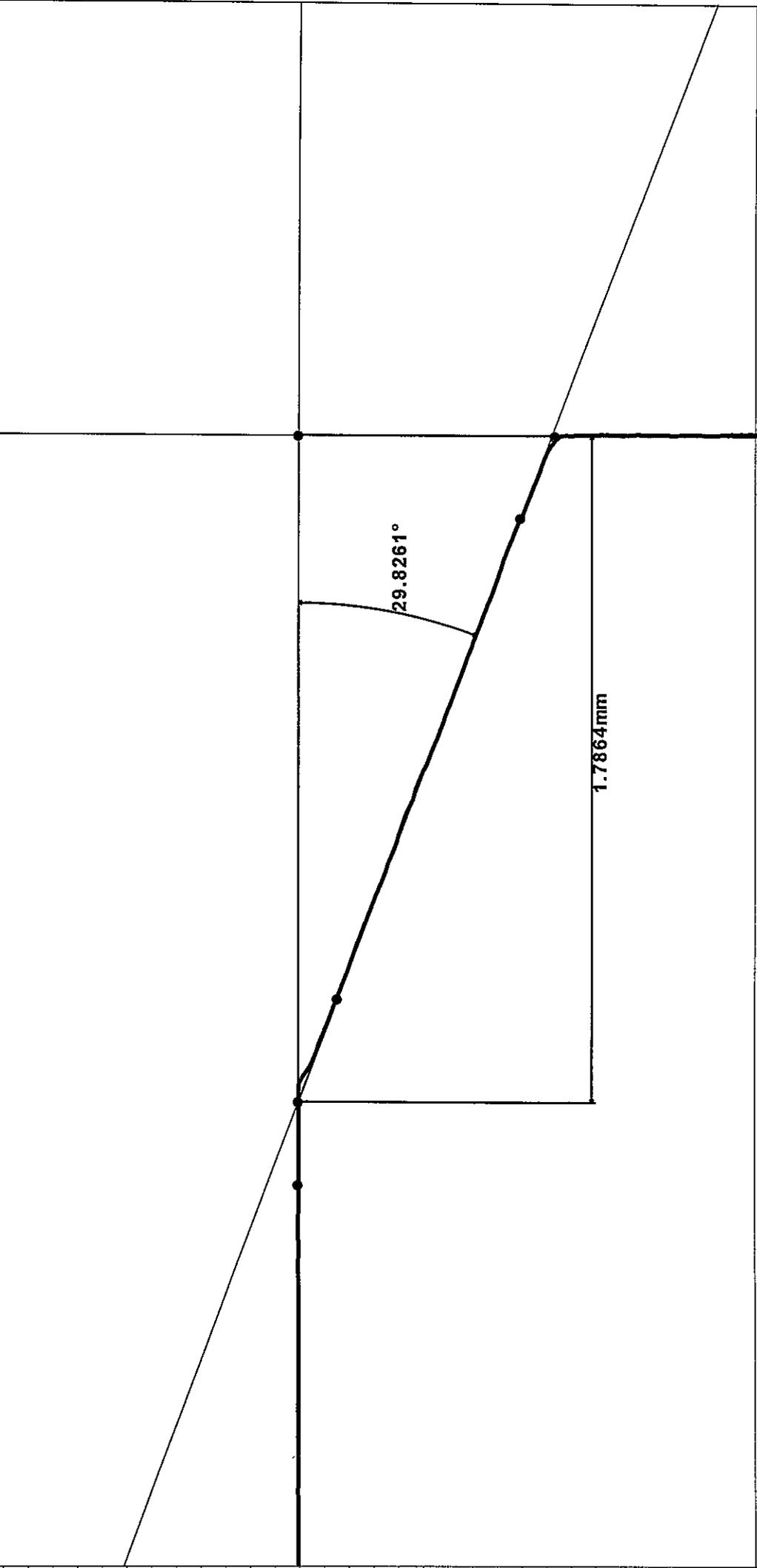
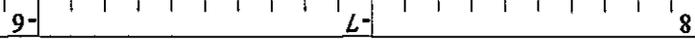
Meas Result Geo Data X Mag: x70.87 Z Mag: x53.1





Profilo smusso foro "S"

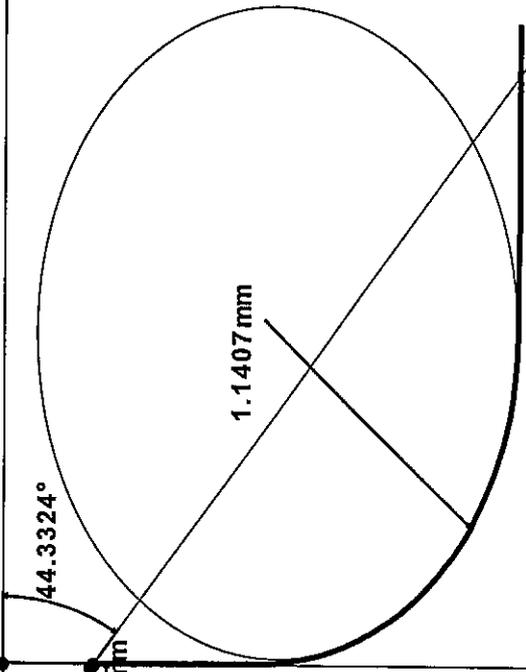
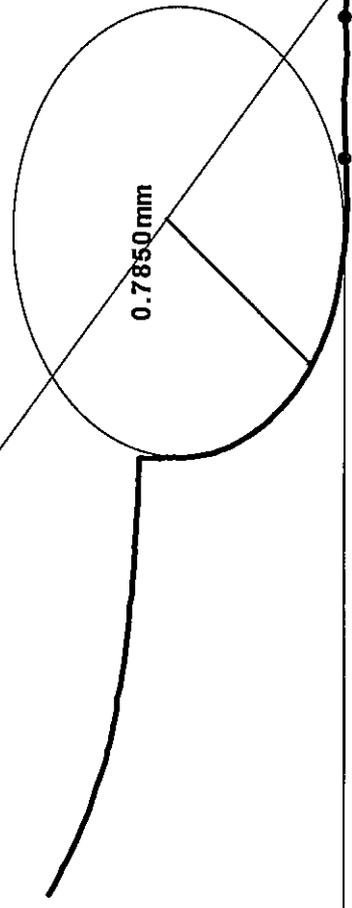
Operatore Germinari

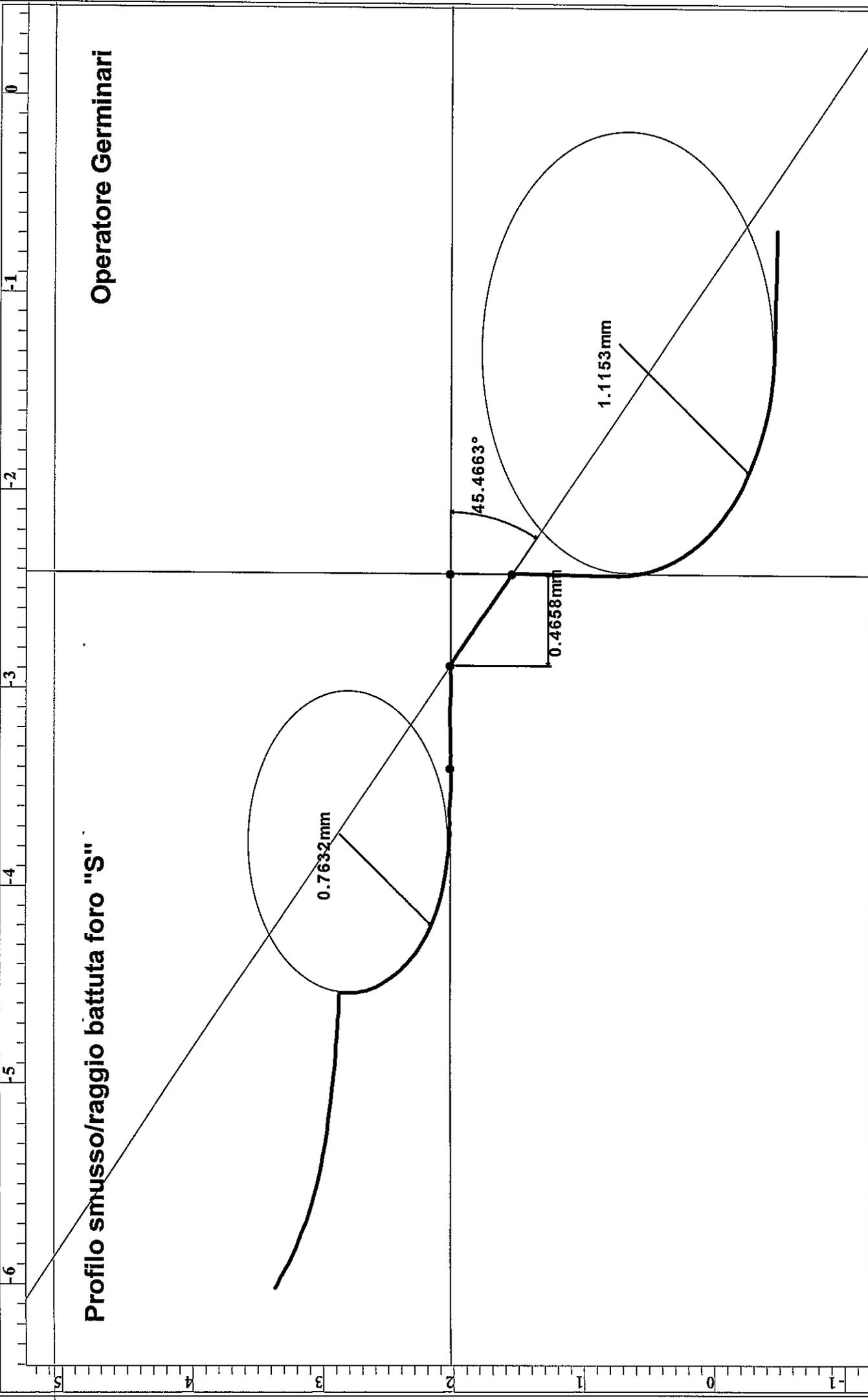




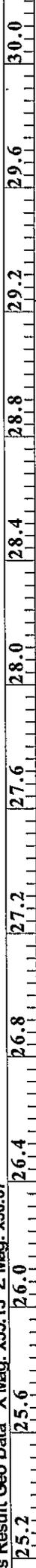
Profilo smusso/raggio battuta foro "L"

Operatore Germinari



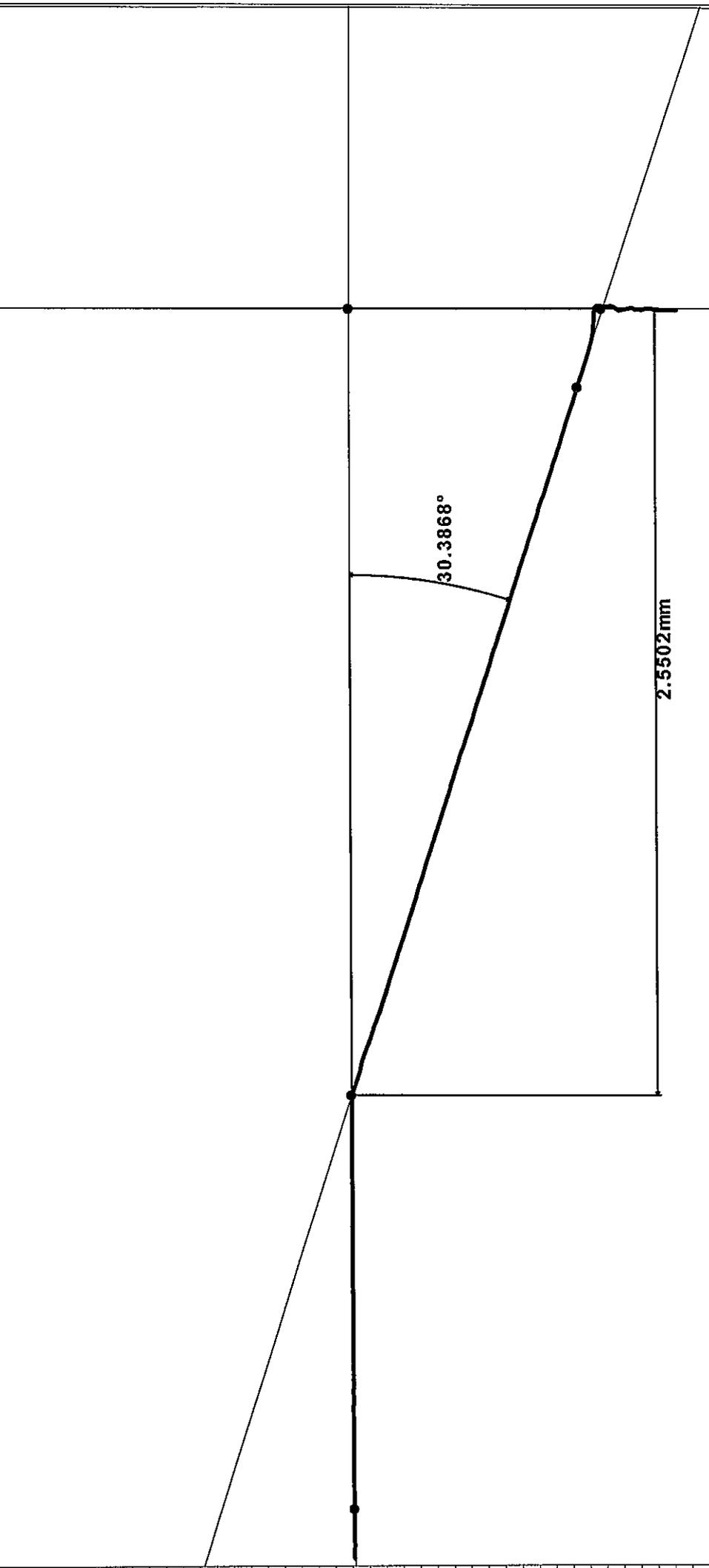
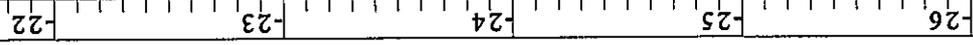


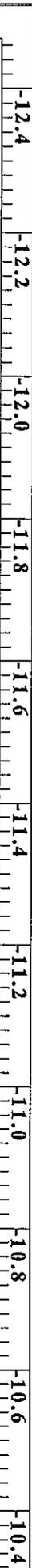
Meas Result Geo Data X Mag: x55.13 Z Mag: x30.07



Profilo smusso foro "F"

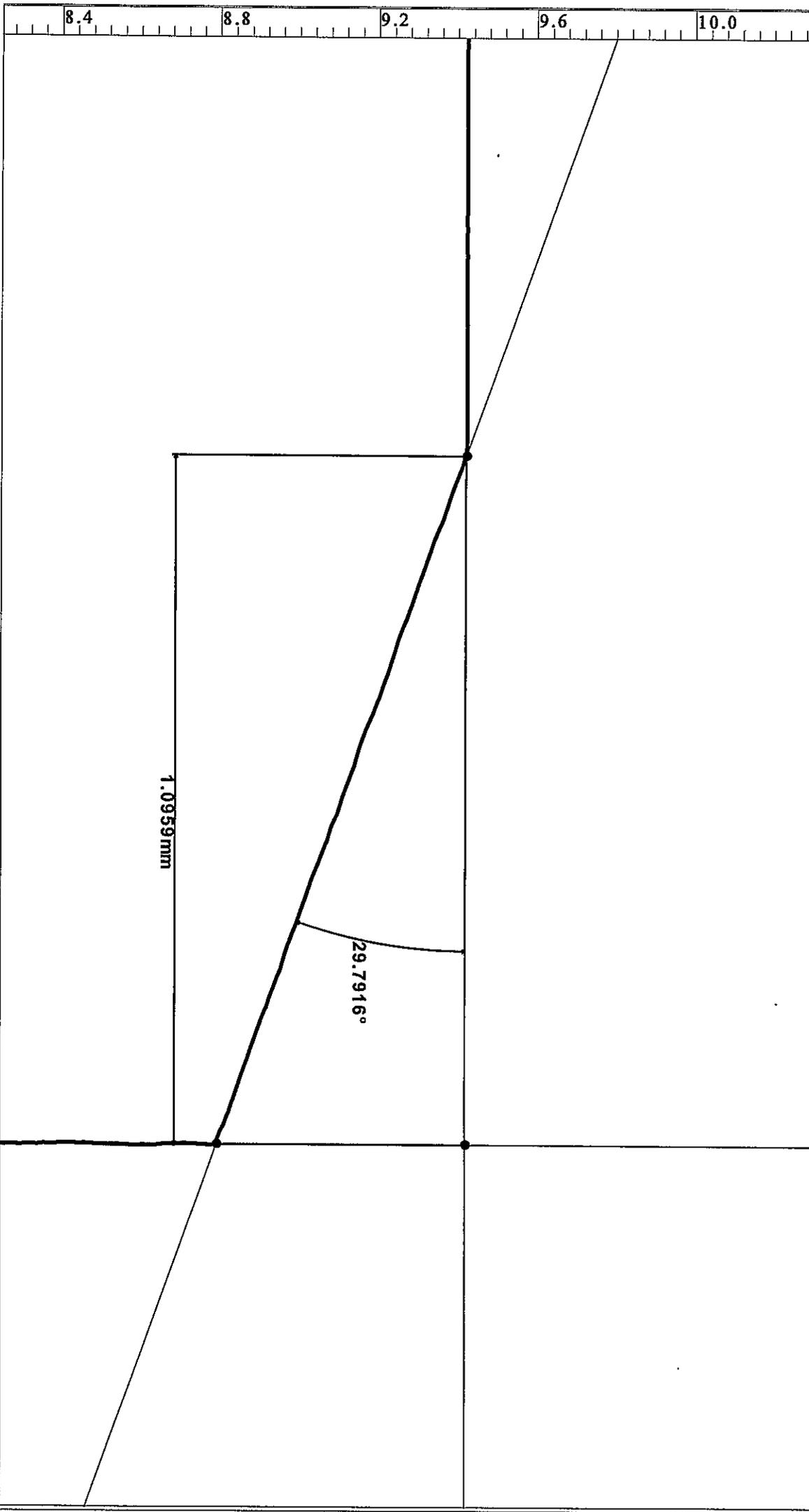
Operatore Germinari





Profilo smusso foro "P"

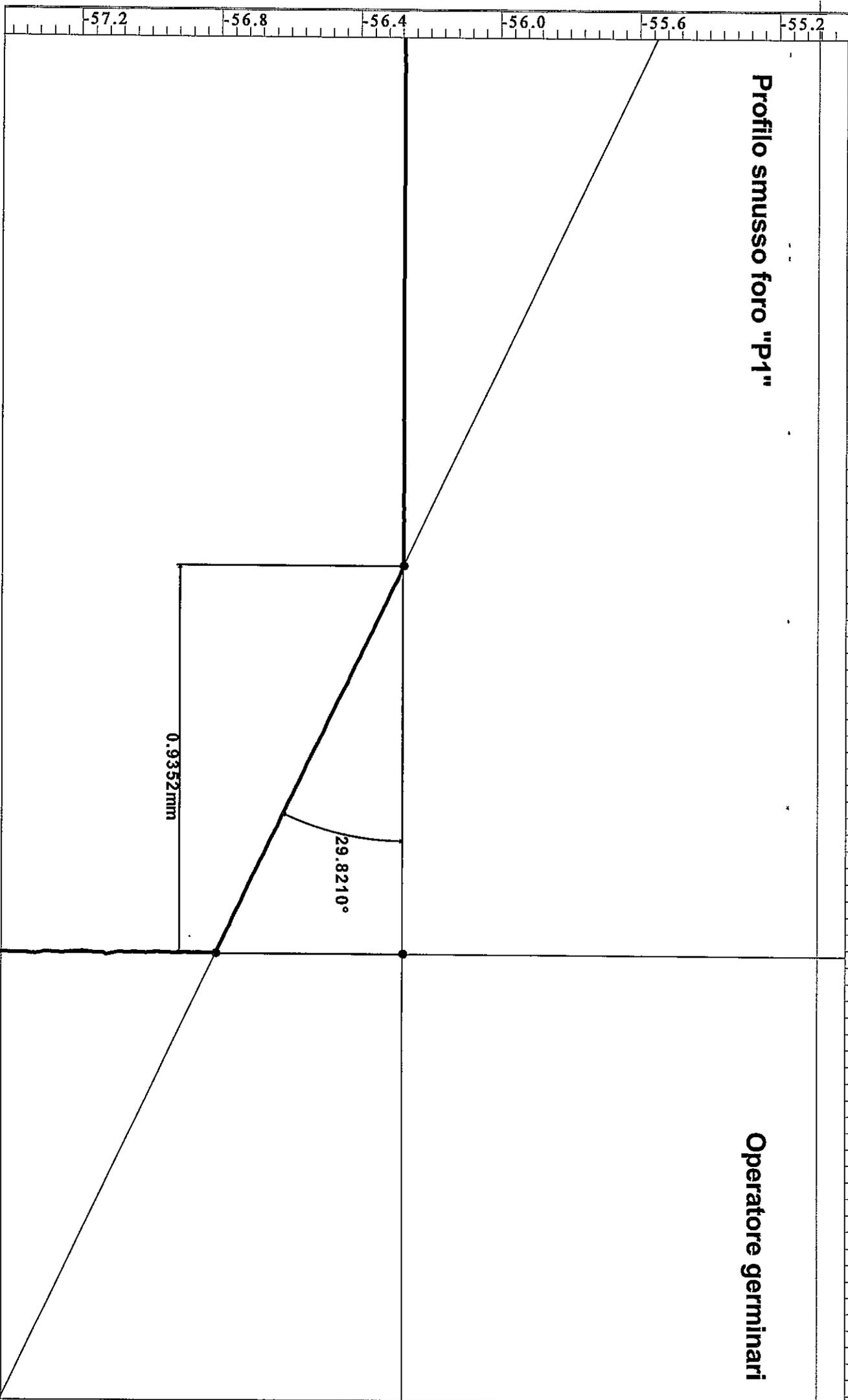
Operatore Germinari



62.8 63.2 63.6 64.0 64.4 64.8 65.2 65.6

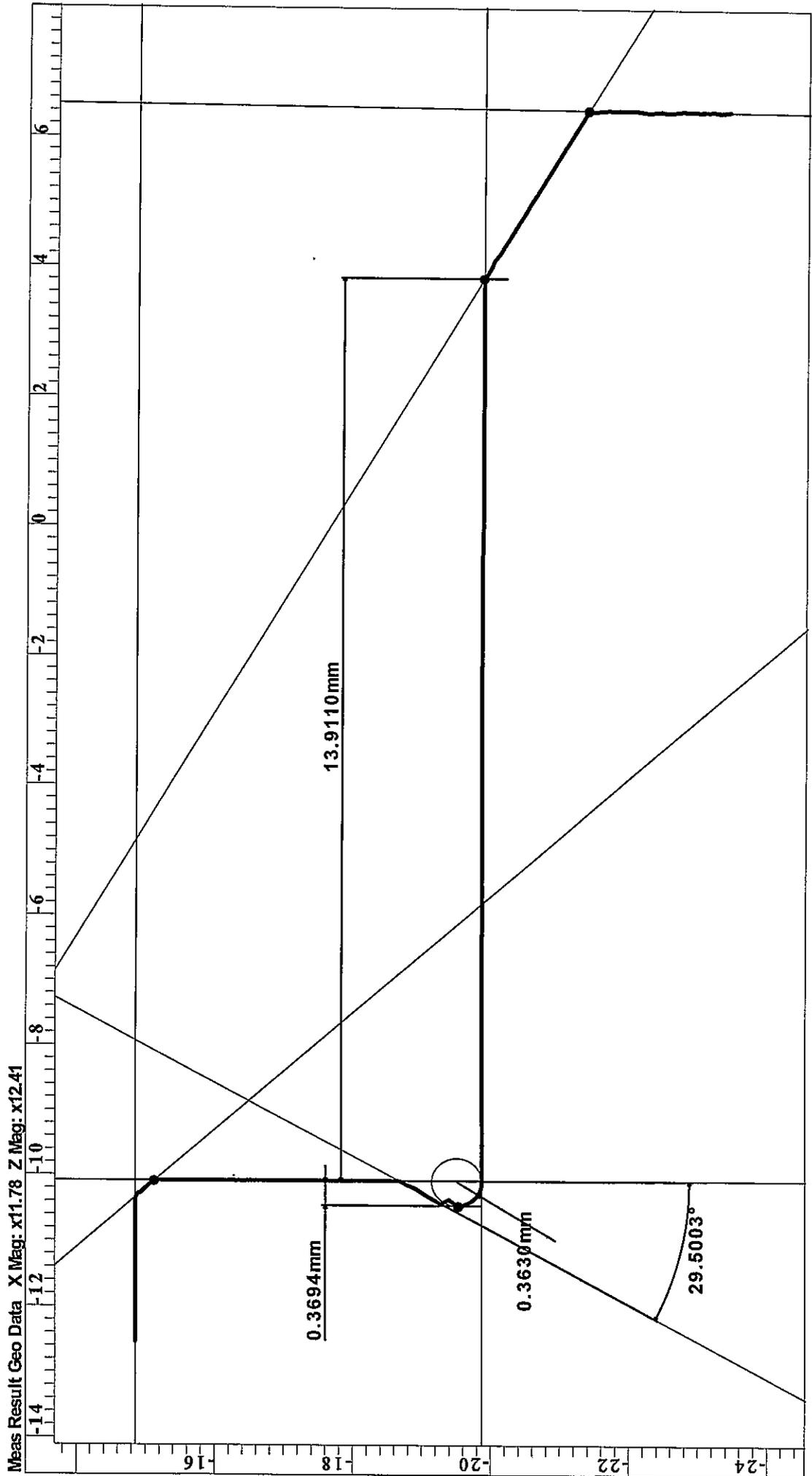
Profilo smusso foro "P1"

Operatore germinari



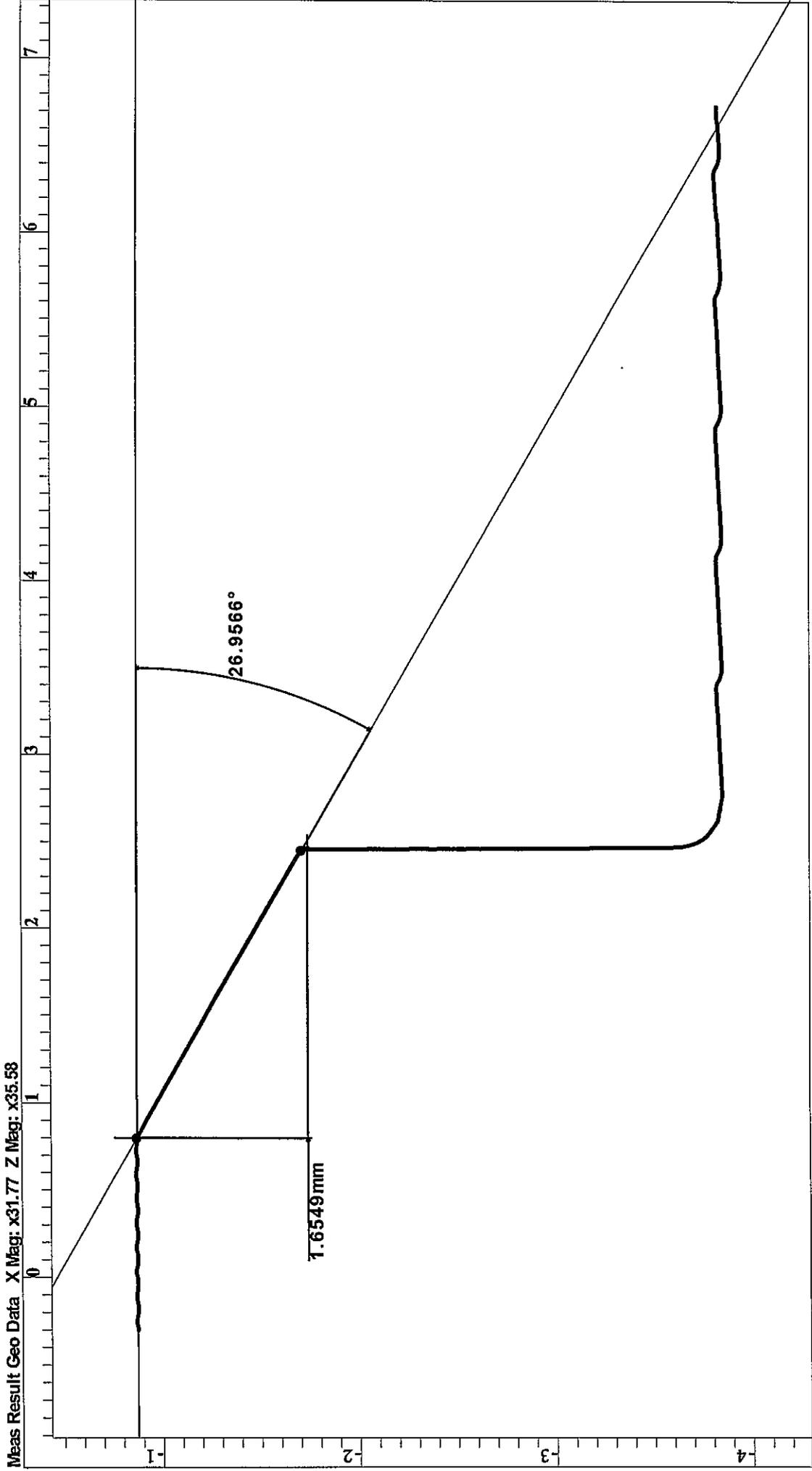
foro FØ65 (lato flangia H)
CH 3321

13/05/10 13:32:46



foro F (lato flangia G)
CH 3321

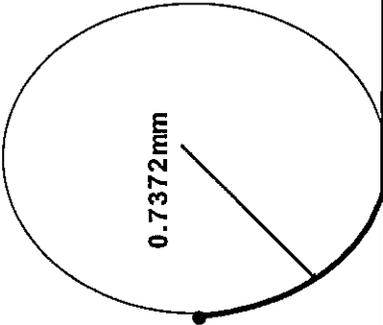
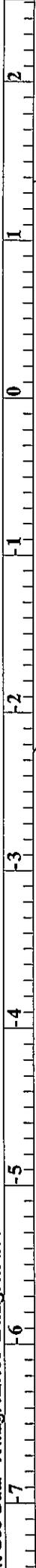
13/05/10 13:16:45



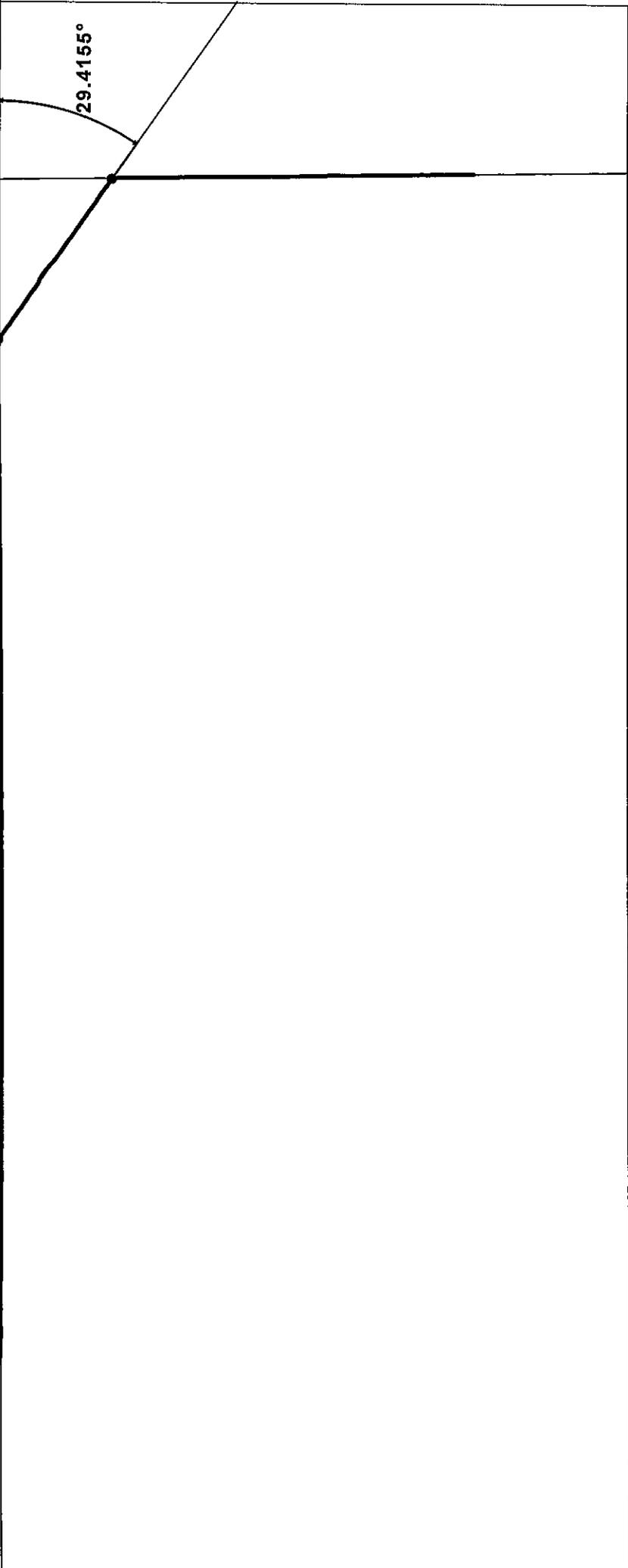
foro DG2
CH 3321

Ult Geo Data X Mag: x27.56 Z Mag: x34.01

13/05/11 12:26:24



0.7372mm

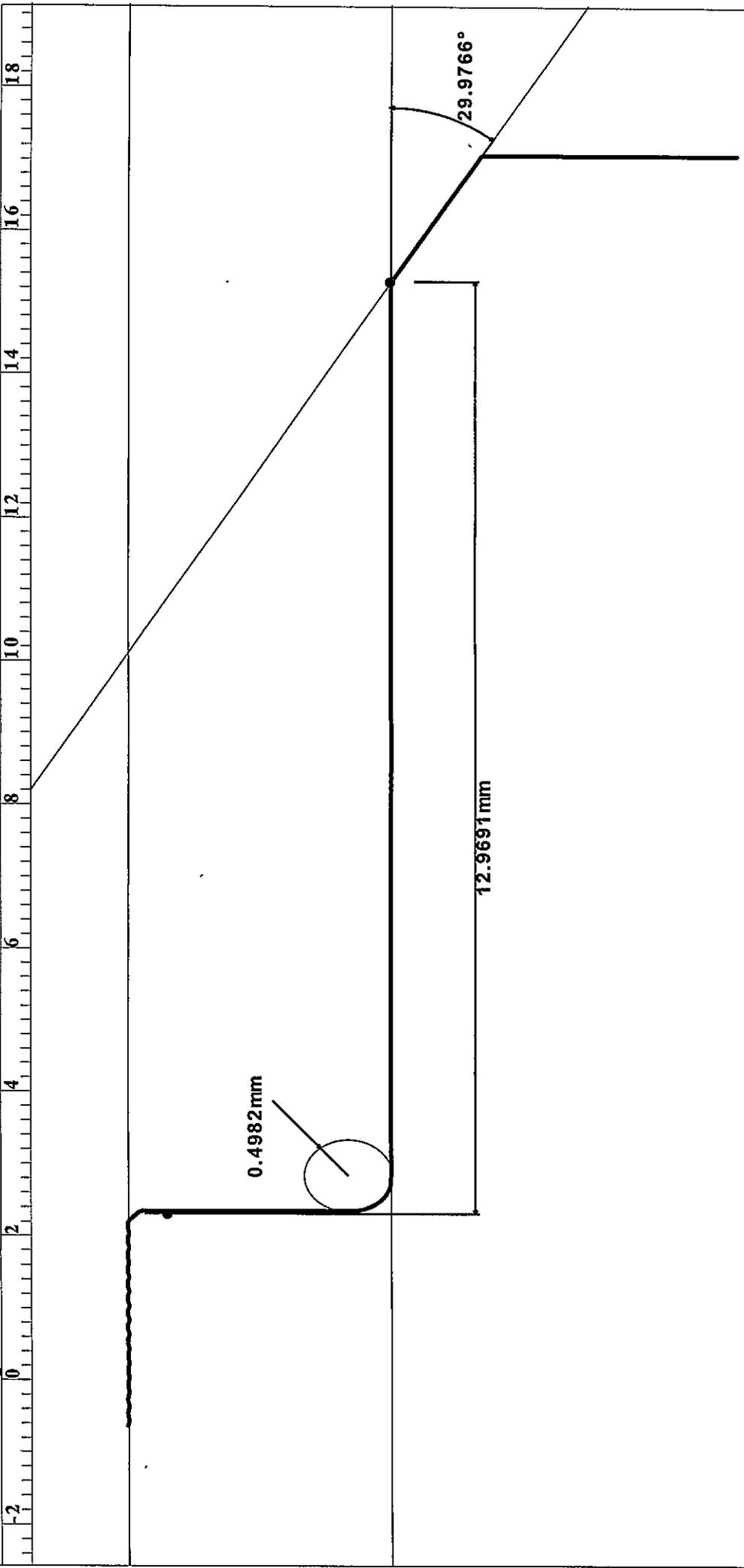


29.4155°

13/05/11 10:41:58

foro D Ø68(h12.8)
CH 3321

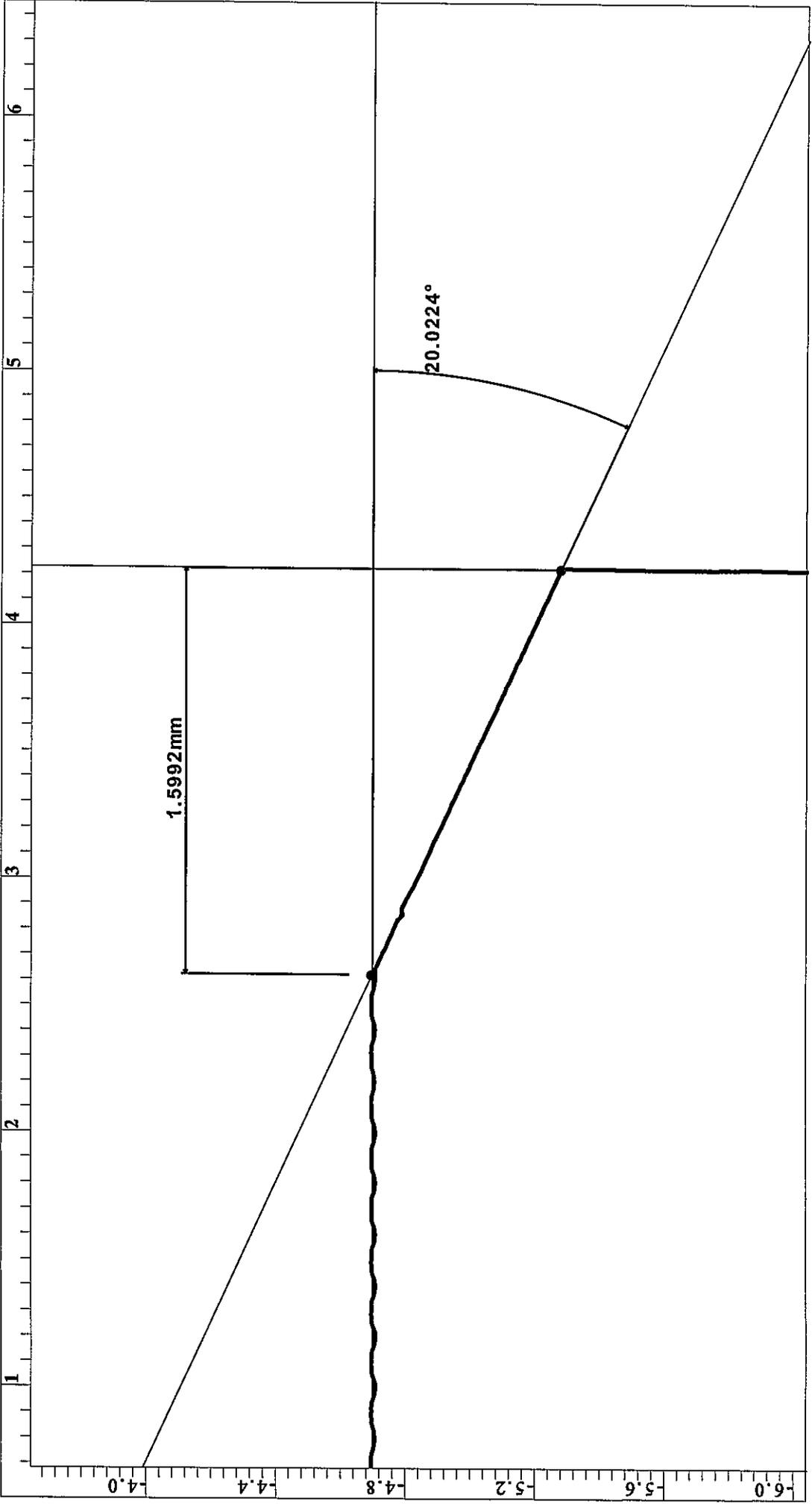
Result Geo Data X Mag: x12.63 Z Mag: x15.37



foro D (lato flangia G)
CH 3321

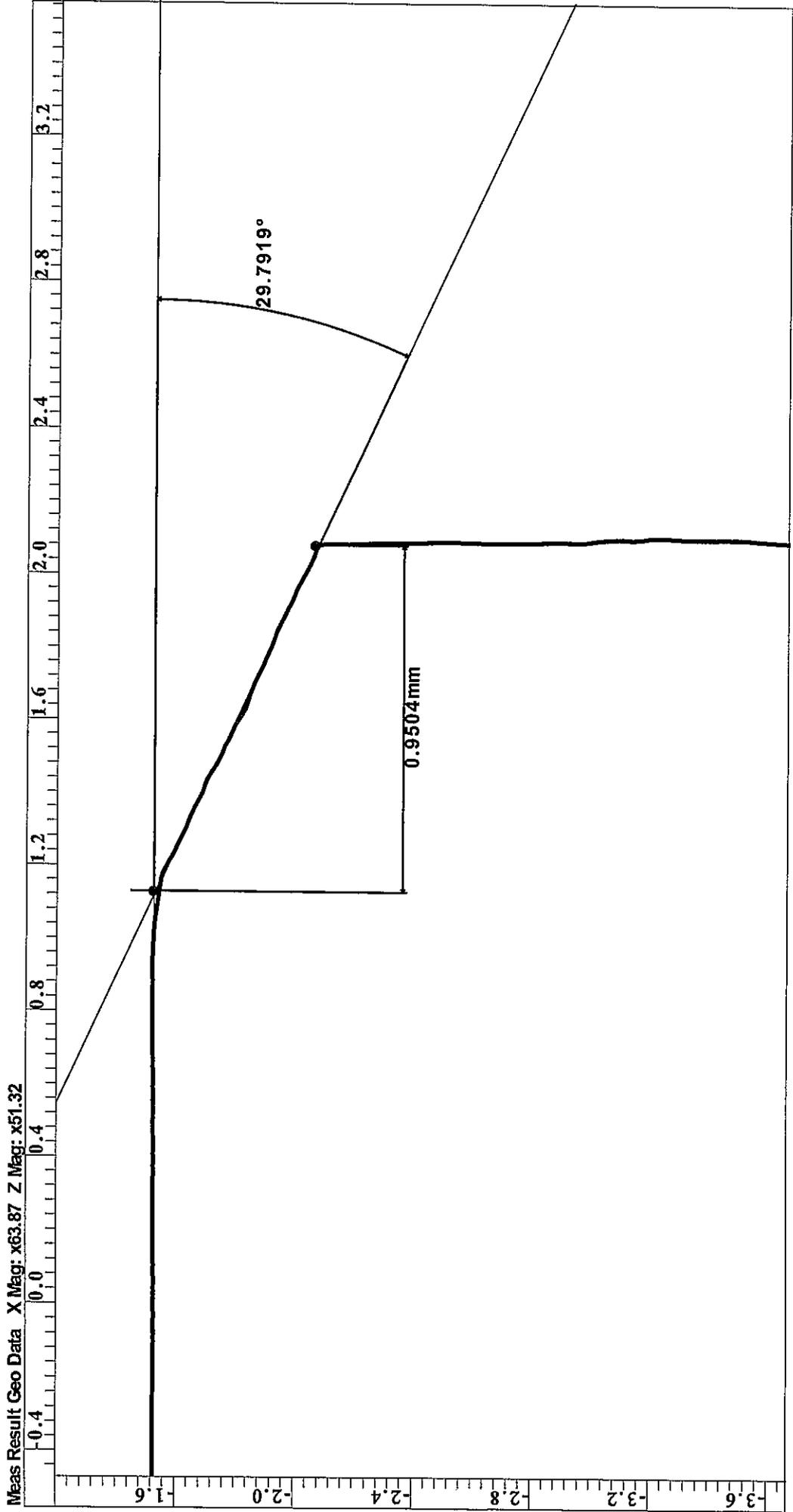
13/05/11 09:39:14

Meas Result Geo Data X Mag: x45.04 Z Mag: x56.91



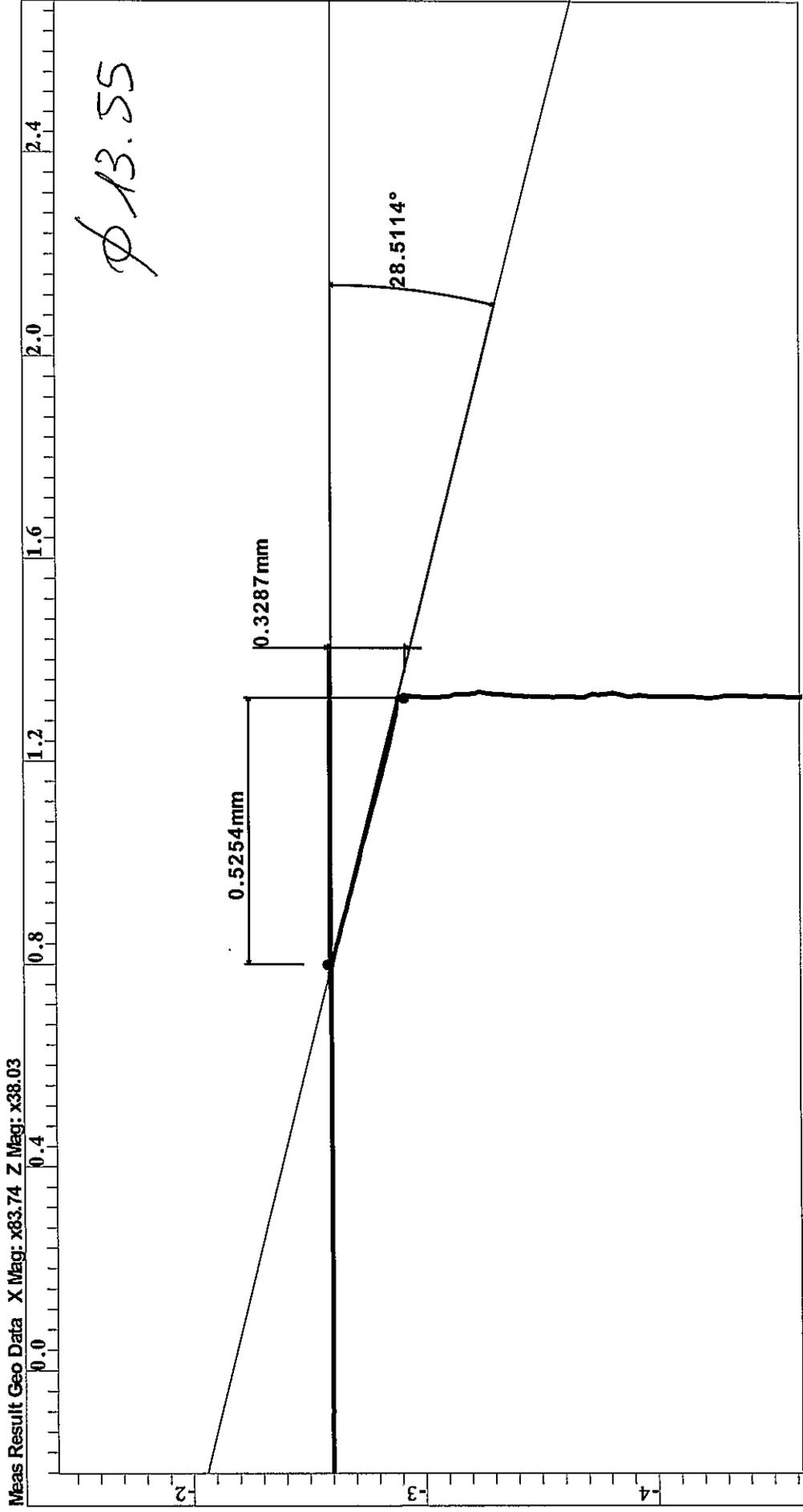
13/05/11 10:08:44

foro J
CH 3321



13/05/11 10:27:01

foro K
CH 3321

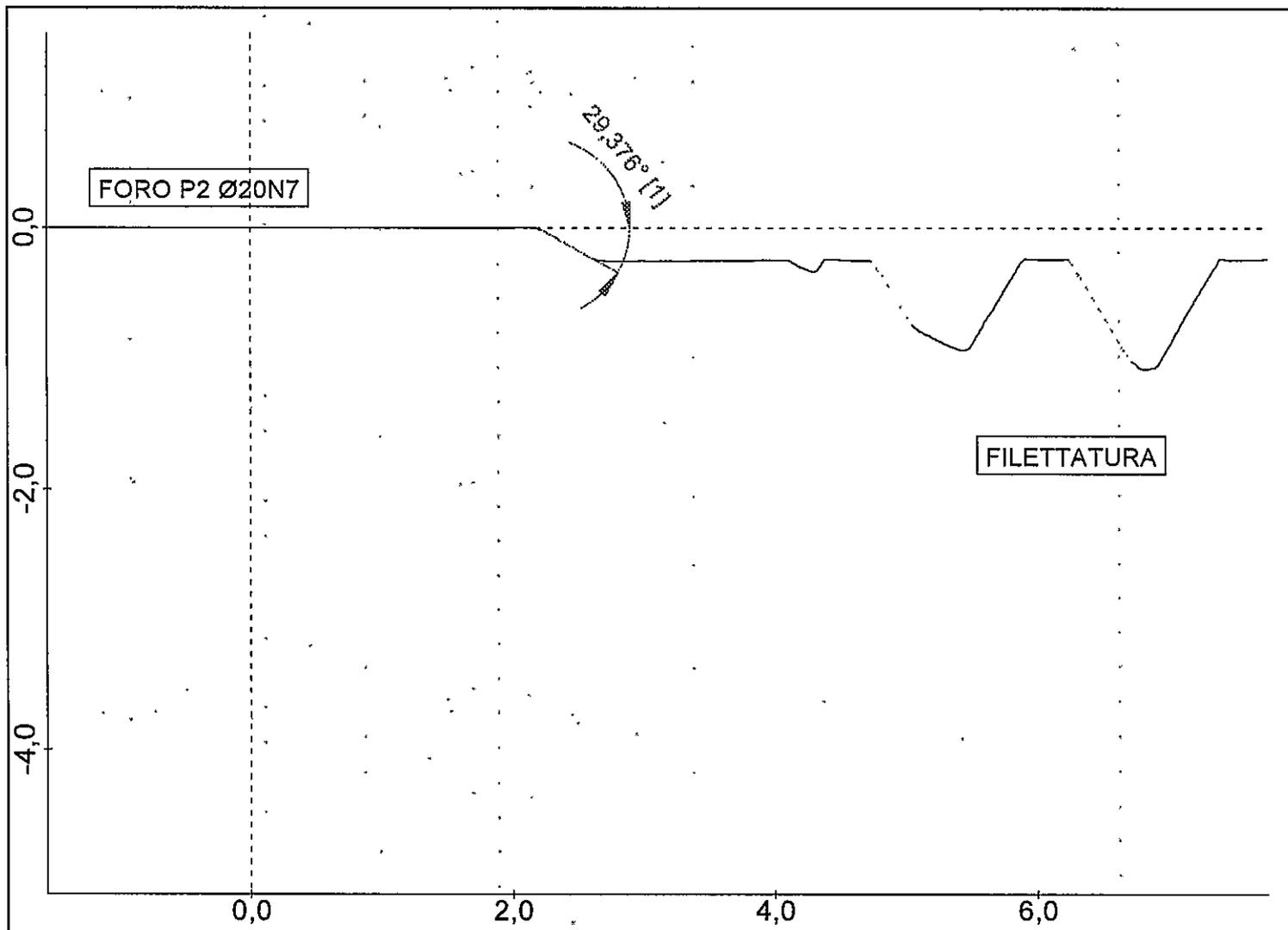


Via dei Ciclamini 4, Modugno (BA)

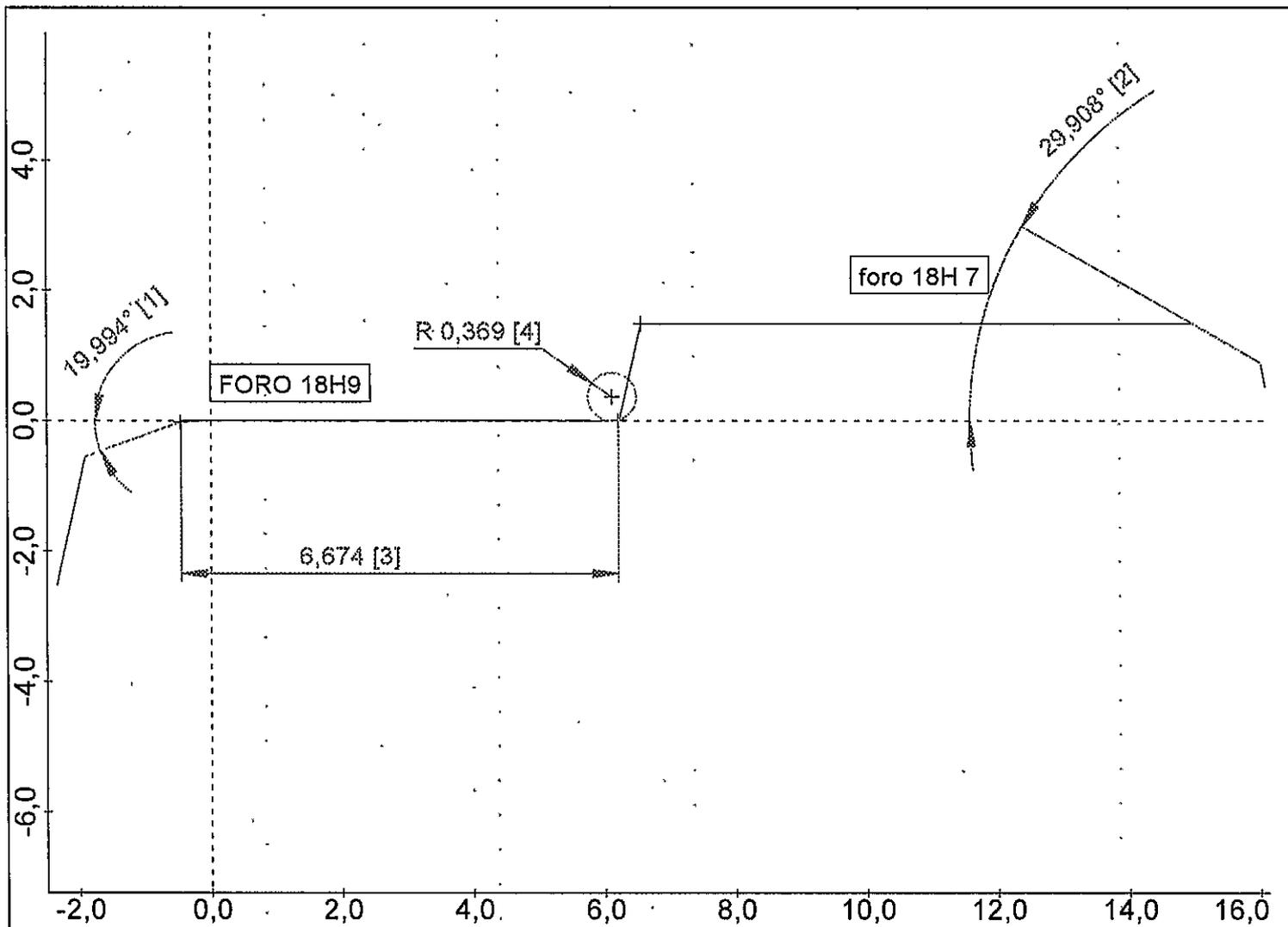
Sala Metrologica GPS5

Oggetto: CH3321
Numero: PZ 17
Operatore: TURNO D
Data, ora: 14.05.2013, 10:00
Nota: SMUSSO P2 30°
Tastatore: PCV 175-M / 9032212

Macchina: MOA 416120 002



Oggetto:	CH3321
Numero:	PZ 17
Operatore:	TURNO D
Data, ora:	14.05.2013, 09:47
Nota:	SMUSSO P 20°
Tastatore:	PCV 175-M / 9032212
Macchina:	MOA 416120 002



PERTHOMETER CONCEPT

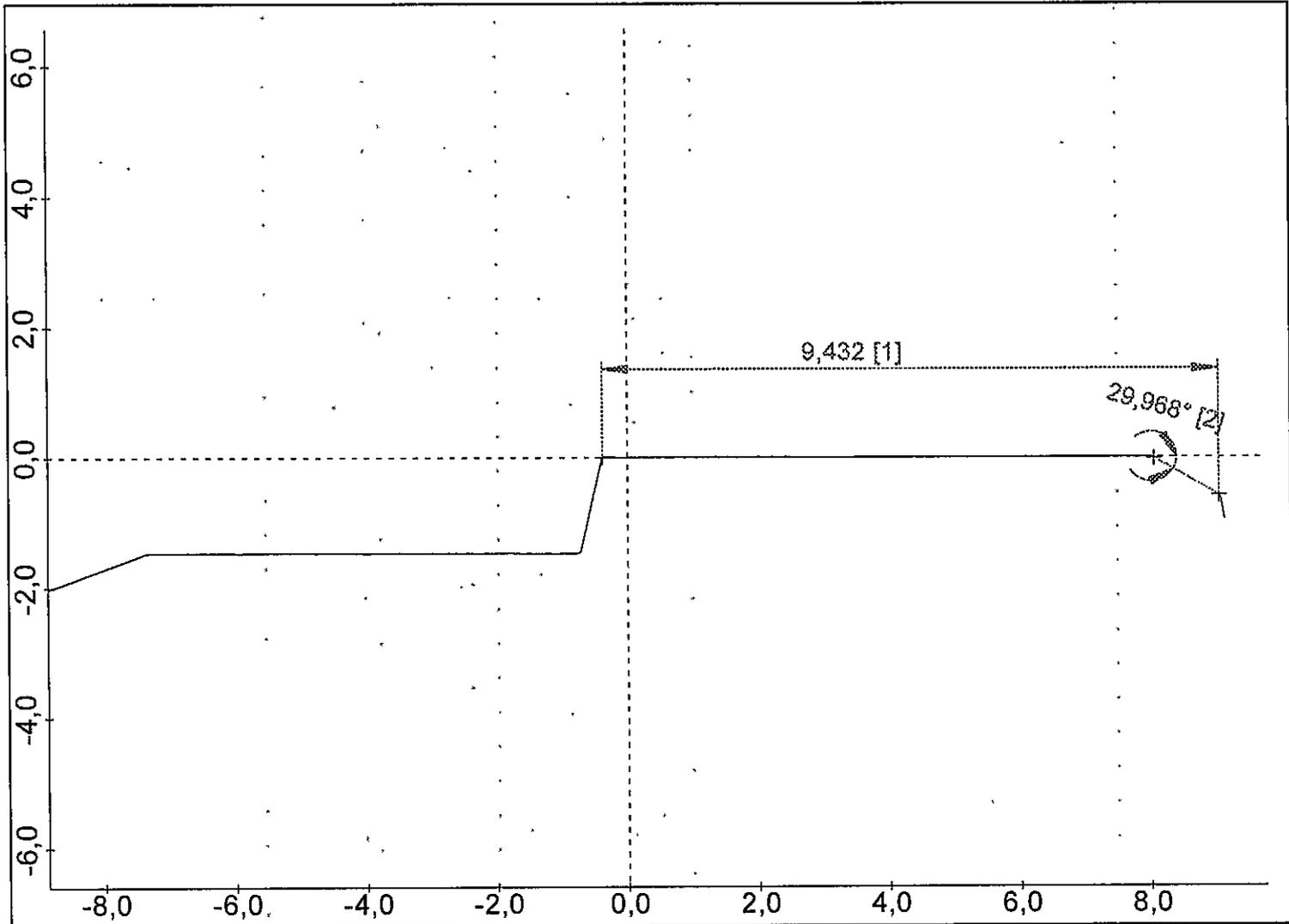


Oggetto: CH3321
Numero: PZ 17
Operatore: TURNO D
Data, ora: 14.05.2013, 09:47
Nota: ALTEZZA FORO P 9.5
Tastatore: PCV 175-M / 9032212

Macchina: MOA 416120 002

Via dei Ciclamini 4, Modugno (BA)

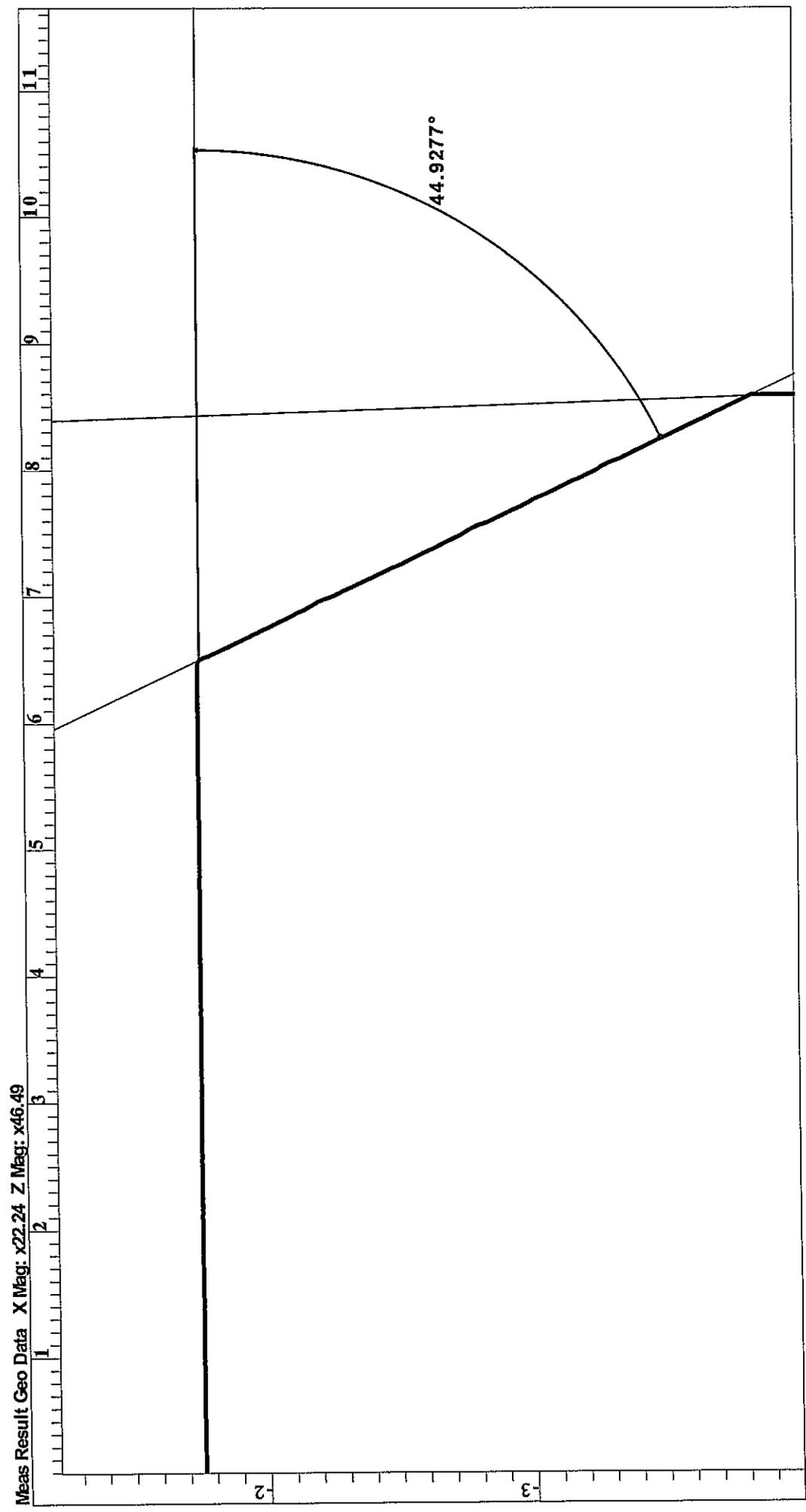
Sala Metrologica GPS5



PERTHOMETER CONCEPT

13/05/13 12:59:59

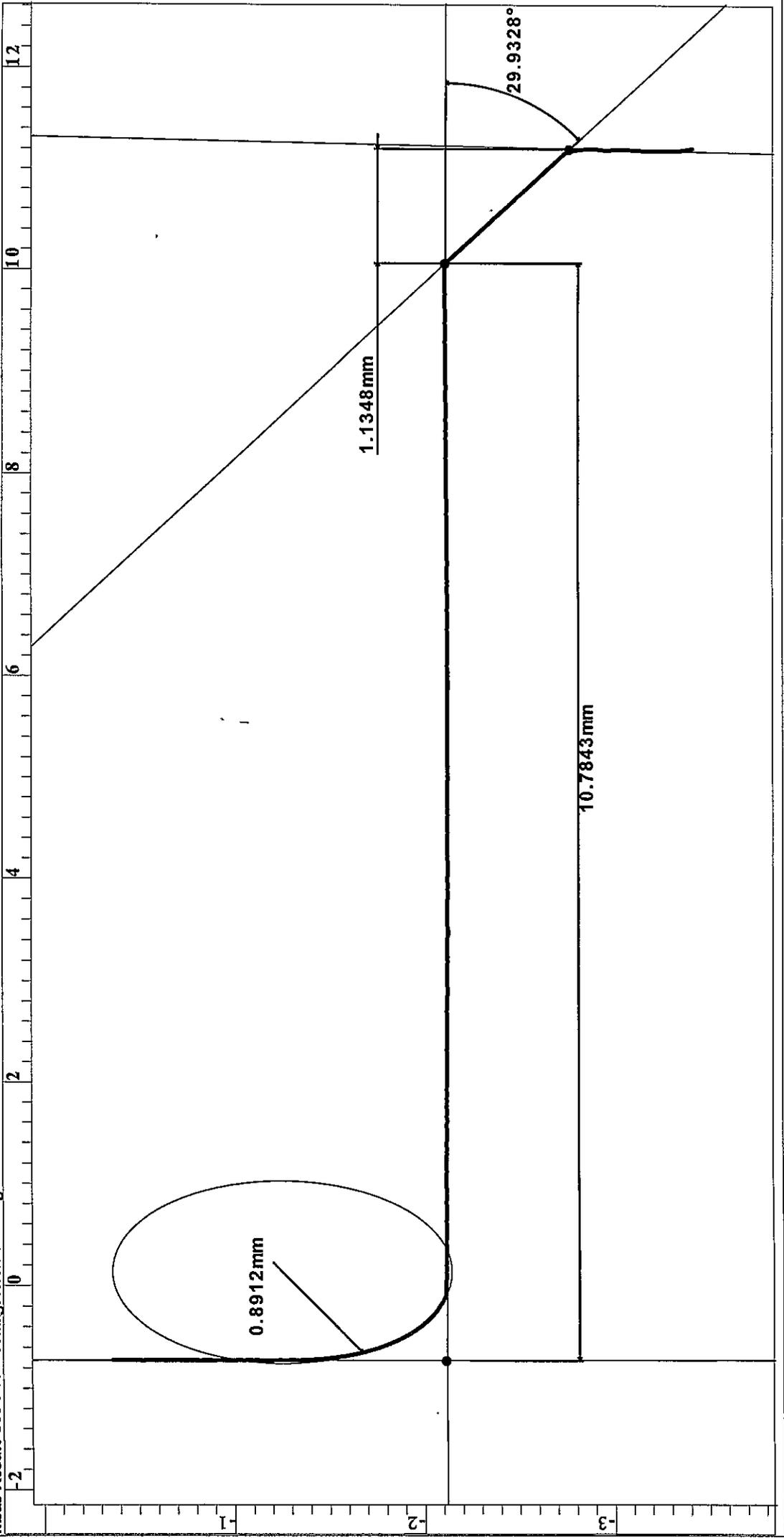
smuuso foro SD1
CH3321



CH3321
foro SR2

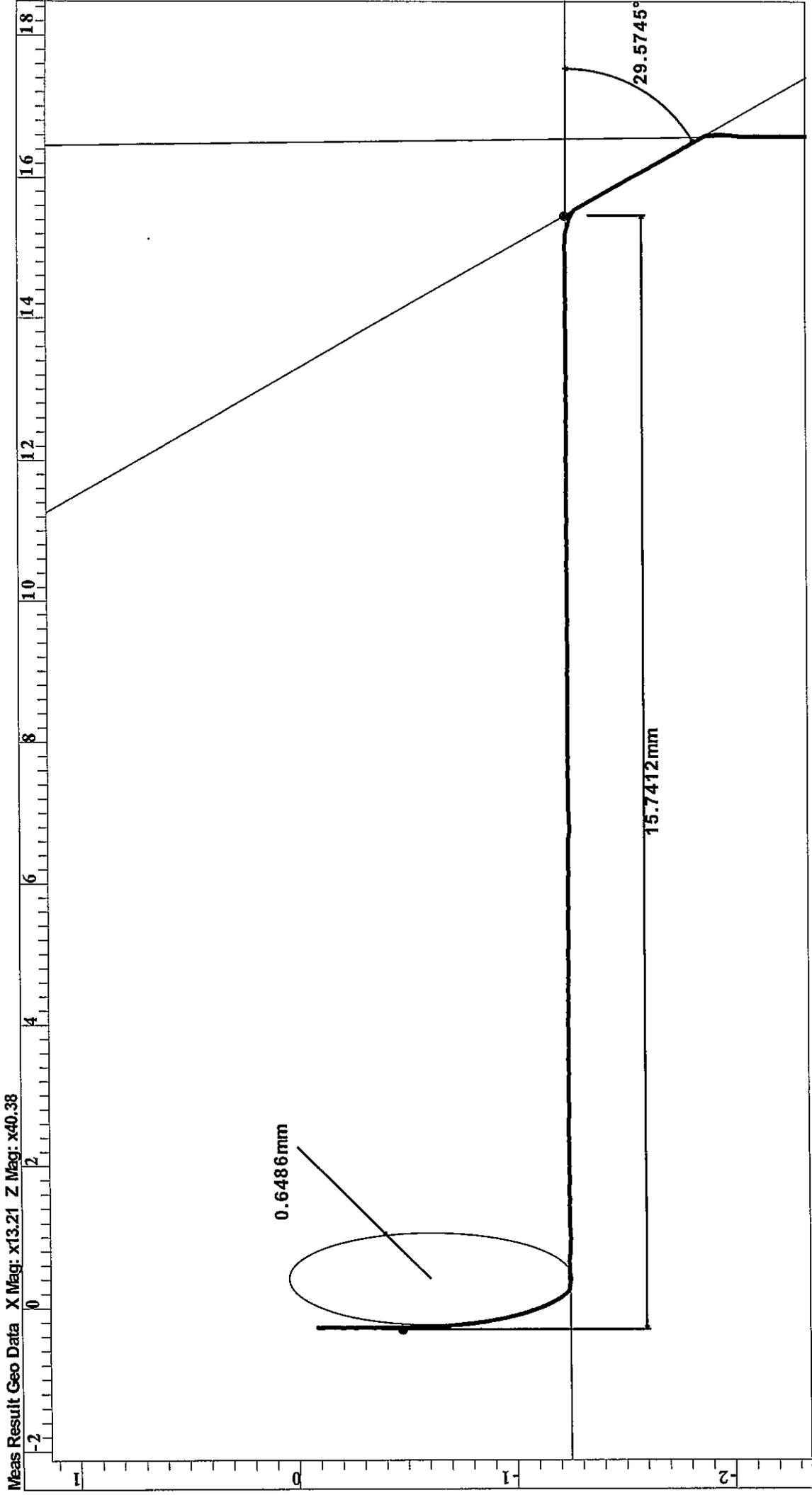
13/05/14 13:15:23

Meas Result Geo Data X Mag: x18.74 Z Mag: x34.77



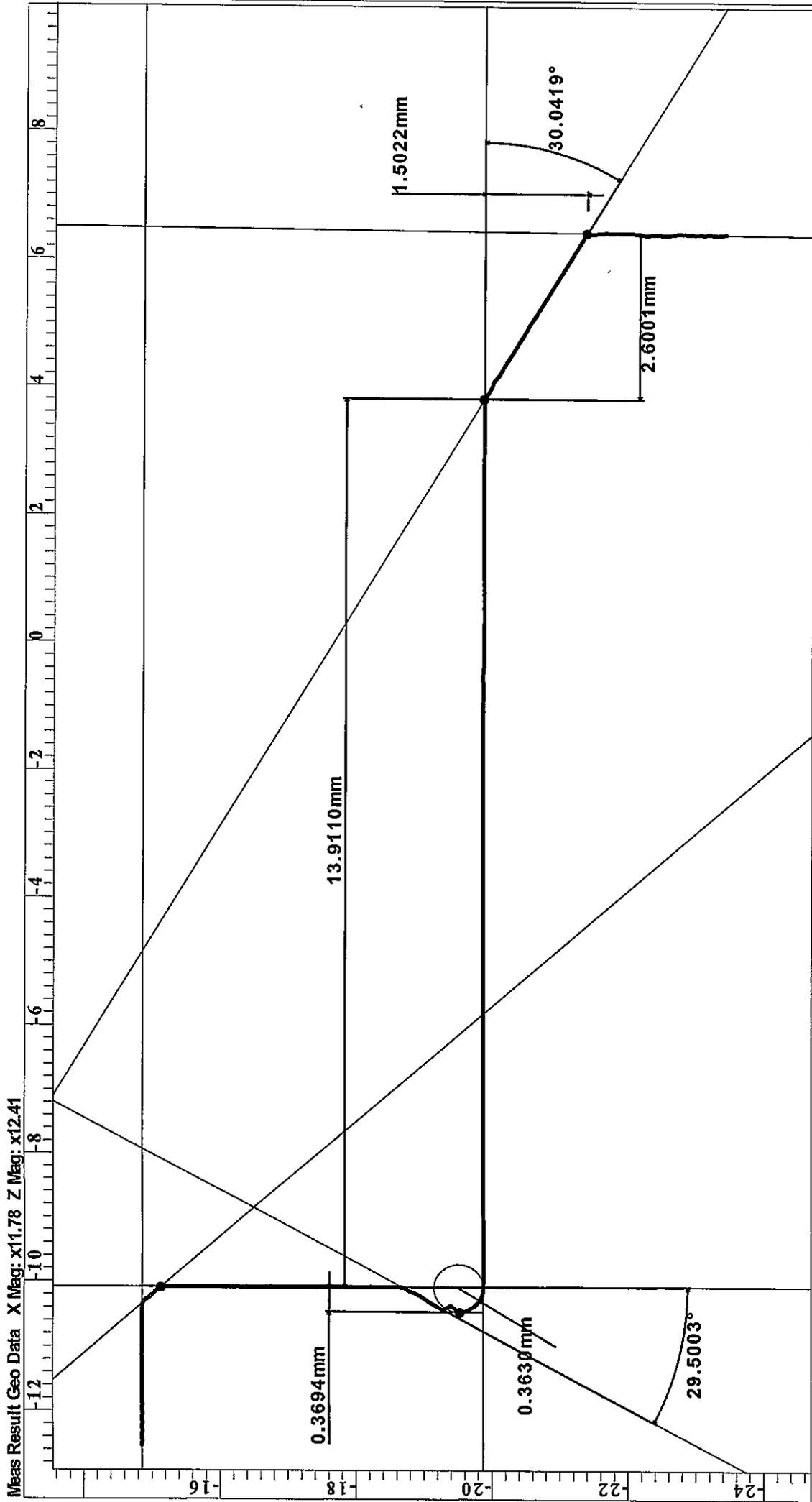
CH3321
foro SR4

13/05/14 13:48:48



foro F lato h
ch3321

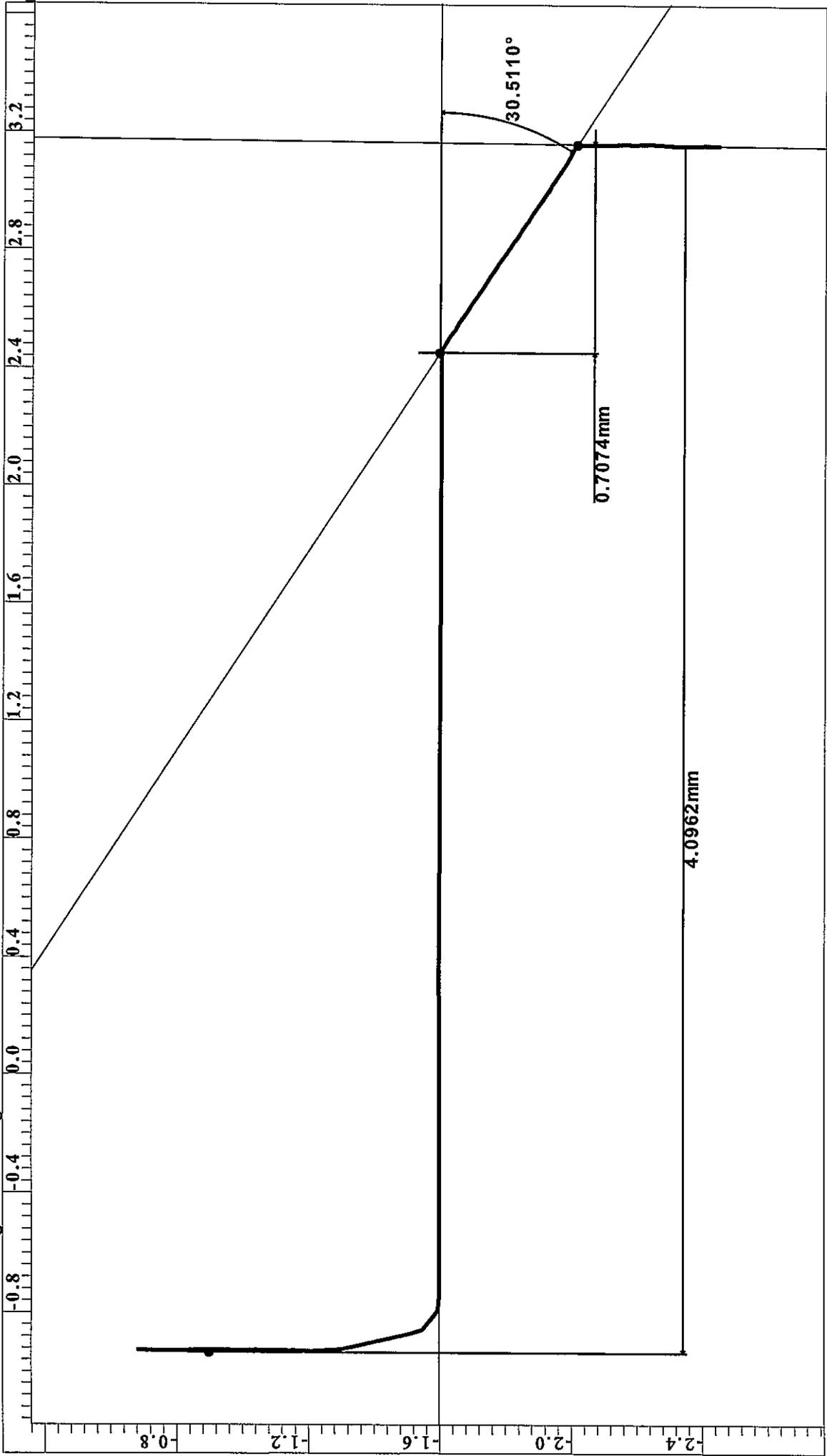
13/05/15 13:35:56



foro CA13
CH 3321

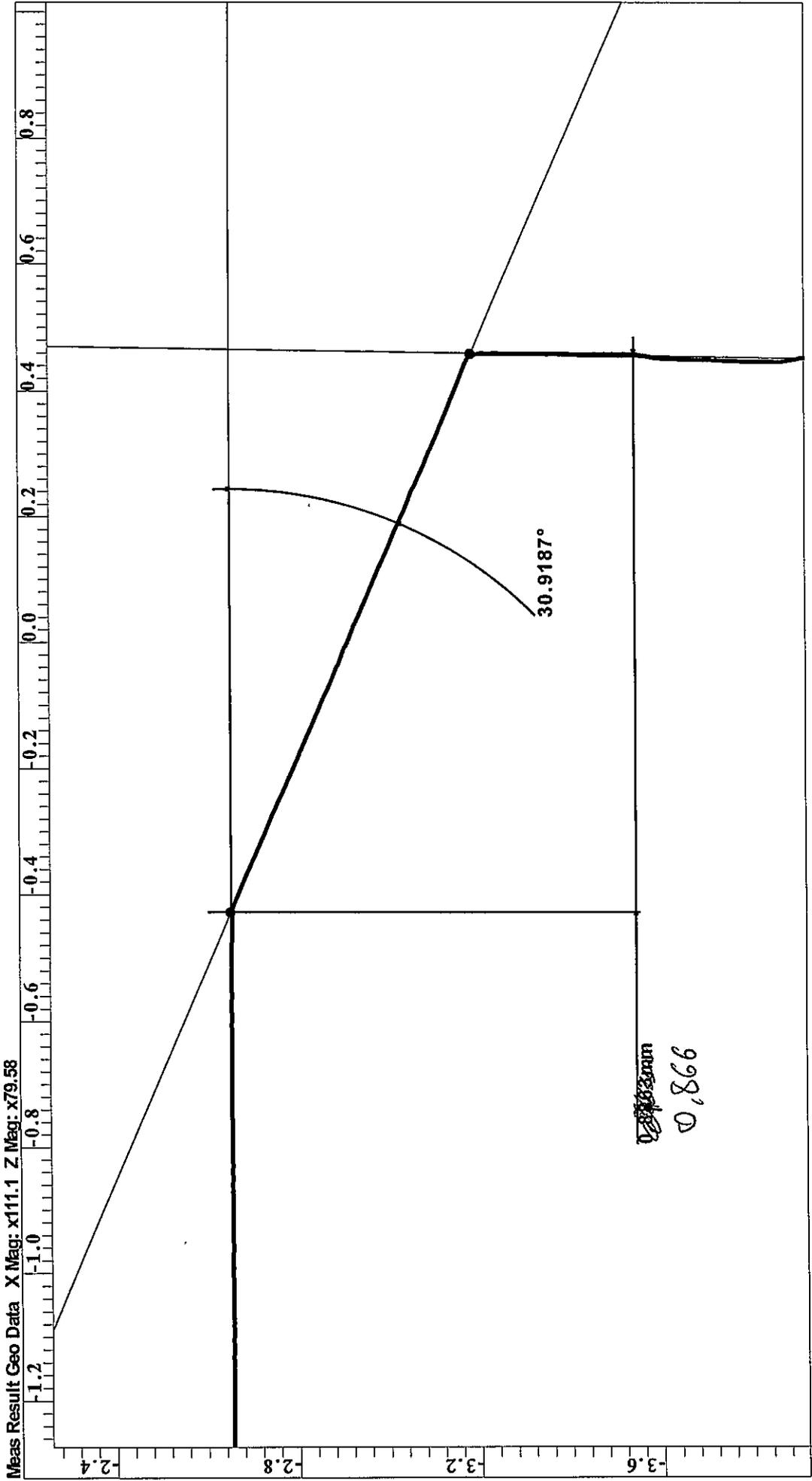
13/05/15 13:01:17

Meas Result Geo Data X Mag: x54.59 Z Mag: x60.3



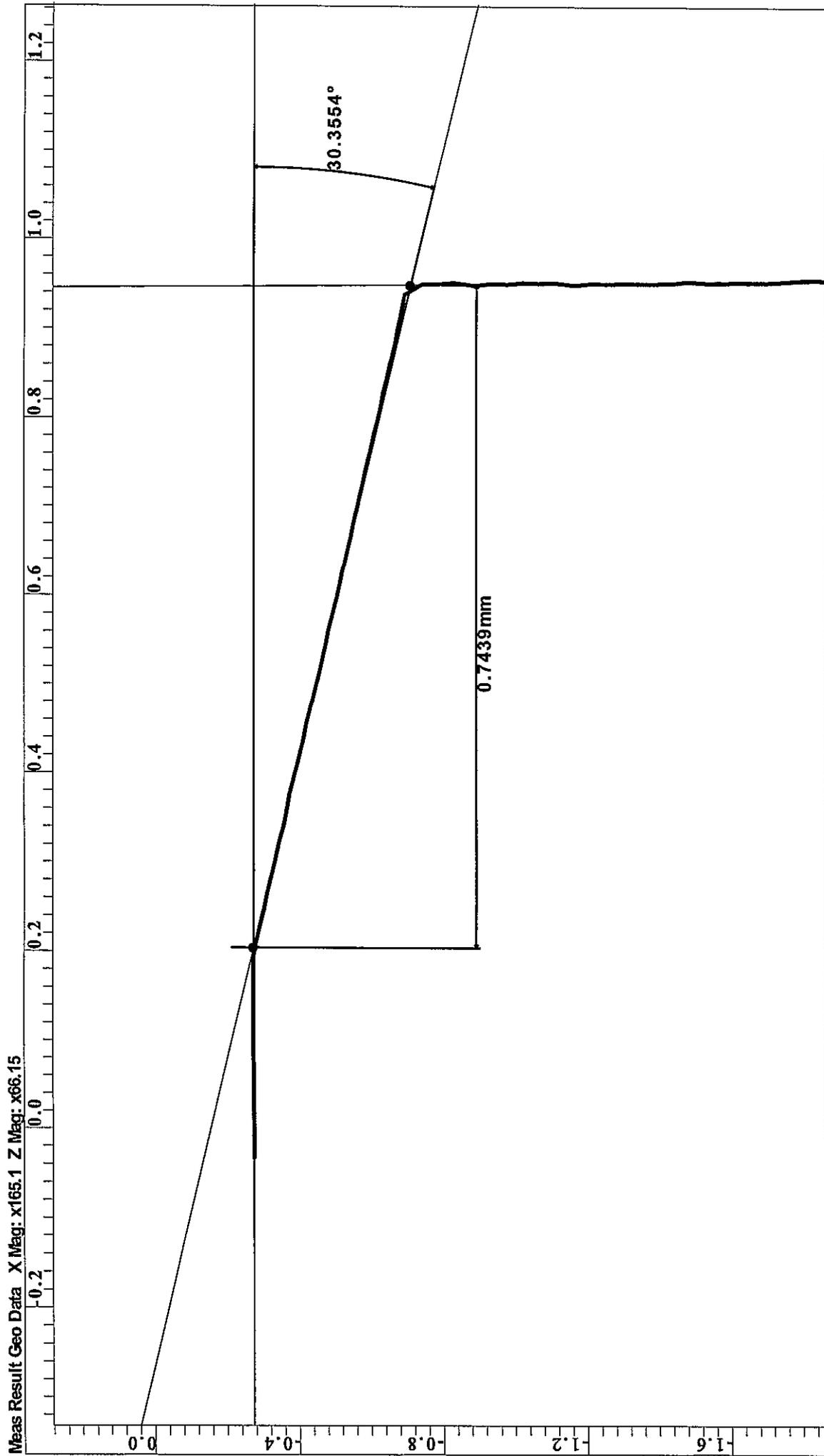
foro G6
CH 3321

13/05/15 13:22:59



foro CA15
CH 3321

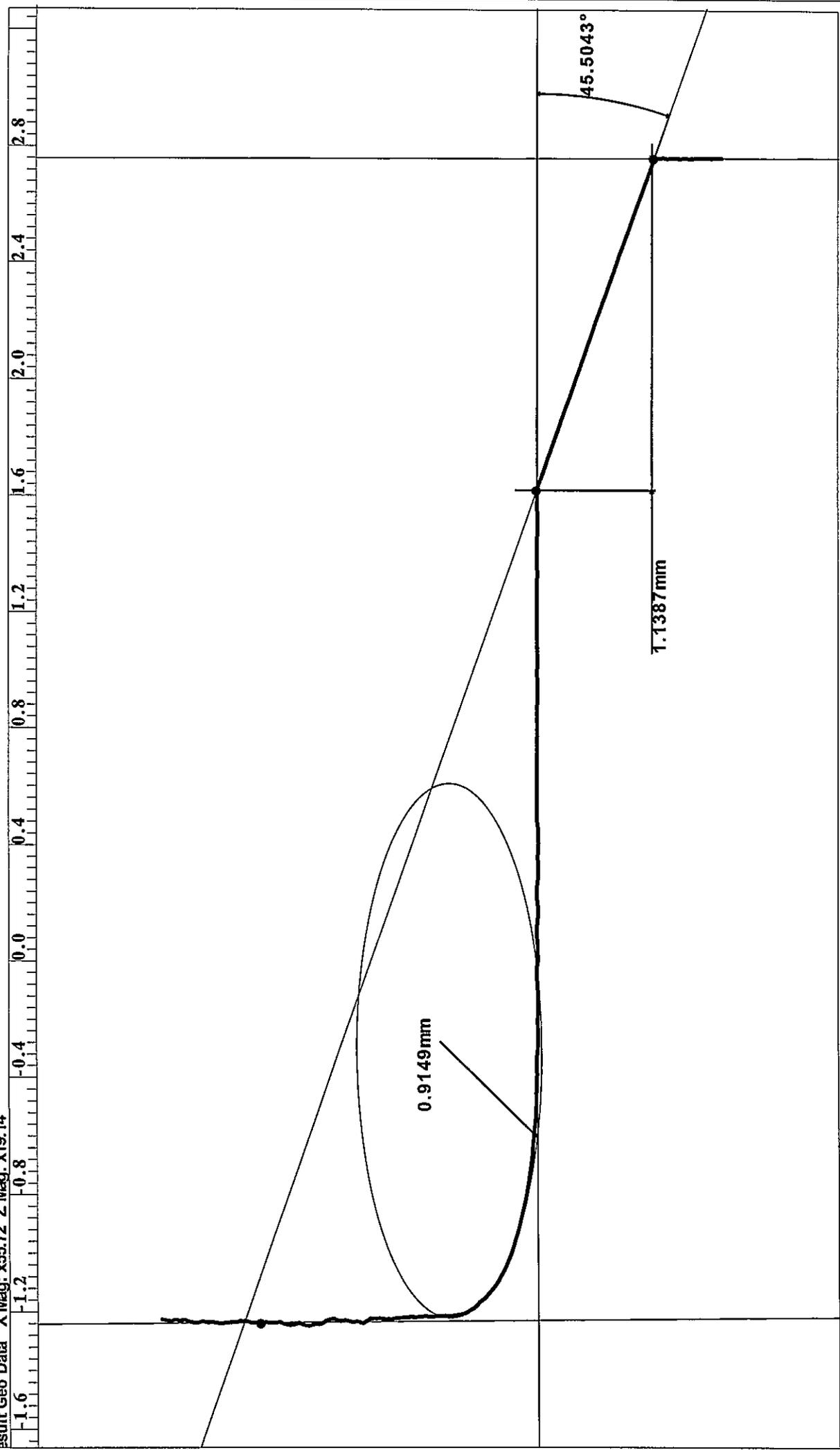
13/05/15 13:11:31



foro GTS2 (ultimo della lavorazione)
CH3321

13/05/15 12:32:32

Result Geo Data X Mag: x55.72 Z Mag: x19.14



FLWCIA "G"

Data 11/05/2013
Ra 0.892 μm
Rz 6.278 μm
Rmax 7.033 μm

Data 11/05/2013
Ra 0.513 μm
Rz 4.079 μm
Rmax 5.139 μm

Data 11/05/2013
Ra 0.566 μm
Rz 3.568 μm
Rmax 4.218 μm

Data 11/05/2013
Ra 0.566 μm
Rz 3.568 μm
Rmax 4.218 μm

Ø D 62

Data 11/05/2013
Ra 1.155 μm
Rz 4.1 μm
Rmax 4.1 μm

Ø D 68

Data 11/05/2013
Ra 0.090 μm
Rz 0.772 μm
Rmax 1.058 μm

Ø F 35

Data 11/05/2013
Ra 2.235 μm
Rz 10.001 μm
Rmax 12.37 μm

Ø F 65

Data 11/05/2013
Ra 0.094 μm
Rz 0.811 μm
Rmax 1.058 μm

FLWCIA "H"

Data 11/05/2013
Ra 1.504 μm
Rz 6.975 μm
Rmax 13.43 μm

Data 11/05/2013
Ra 1.177 μm
Rz 6.814 μm
Rmax 7.025 μm

Data 11/05/2013
Ra 2.743 μm
Rz 11.14 μm
Rmax 14.00 μm

Data 11/05/2013
Ra 1.44 μm
Rz 7.1 μm
Rmax 7.1 μm

Foto L Ø 60

Data 11/05/2013
Ra 0.290 μm
Rz 2.008 μm
Rmax 3.27 μm