	CPO 12.6 Results		New Reference		
Group	Instance	UB	Proof	LB	LBRef.	UB	UBRef.
Barnes	mt10c1	927	1	927	[13]	927	[3]
Barnes	mt10cc	908	1	908	[13]	908	[5]
Barnes	mt10x	918	1	918	[13]	918	[2]
Barnes	mt10xx	918	1	918	[13]	918	[2]
Barnes	mt10xxx	918	1	918	[13]	918	[2]
Barnes	mt10xy	905	1	905	[13]	905	[3]
Barnes	mt10xyz	847	1	847	[13]	847	[2]
Barnes	setb4c9	914	1	914	[13]	914	[3]
Barnes	setb4cc	907	1	907	[13]	907	[2]
Barnes	setb4x	925	1	925	[13]	925	[2]
Barnes	setb4xx	925	1	925	[13]	925	[2]
Barnes	setb4xxx	925	1	925	[13]	925	[2]
Barnes	setb4xy	910	1	910	[13]	910	[4]
Barnes	setb4xyz	902	1	902	[13]	902	[13]
Barnes	seti5c12	1169	1	1169	[13]	1169	[13]
Barnes	seti5cc	1135	1	1135	[13]	1135	[13]
Barnes	seti5x	1198	1	1198	[13]	1198	[14]
Barnes	seti5xx	1194	1	1194	[13]	1194	[13]
Barnes	seti5xxx	1194	1	1194	[13]	1194	[13]
Barnes	seti5xy	1135	1	1135	[13]	1135	[13]
Barnes	seti5xyz	1125	1	1125	[13]	1125	[2]
Brandimarte	Mk01	40	1	40	[13]	40	[2]
Brandimarte	Mk02	26	1	26	[CPO]	26	[2]
Brandimarte	Mk03	204	1	204	[1]	204	[2]
Brandimarte	Mk04	60	1	60	[13]	60	[2]
Brandimarte	Mk05	173	0	168	[1]	172	[3]
Brandimarte	Mk06	57	1	57	[CPO]	57	[Q]
Brandimarte	Mk07	139	0	133	[1]	139	[3]
Brandimarte	Mk08	523	1	523	[1]	523	[2]
Brandimarte	Mk09	307	1	307	[13]	307	[2]
Brandimarte	Mk10	195	0	183	[Q]	195	[CPO]
Dauzere	01a	2505	1	2505	[1]	2505	[CPO]
Dauzere	02a	2234	0	2228	[1]	2231	[3]
Dauzere	03a	2228	0	2228	[1]	2228	[Q]
Dauzere	04a	2503	1	2503	[1]	2503	[2]
Dauzere	05a	2213	0	2189	[1]	2213	[CPO]
Dauzere	06a	2191	0	2162	[1]	2185	[Q]
Dauzere	07a	2277	0	2206	[Q]	2277	[CPO]
Dauzere	08a	2066	0	2061	[1]	2064	[Q]
Dauzere	09a	2061	1	2061	[1]	2061	[CPO]
Dauzere	10a	2263	0	2197	[Q]	2263	[CPO]
Dauzere	11a	2067	0	2017	[1]	2053	[Q]
Dauzere	12a	2013	0	1969	[1]	2013	[CPO]
Dauzere	13a	2258	0	2161	[1]	2257	[3]
Dauzere	14a	2163	0	2161	[1]	2163	[Q]
Dauzere	15a	2162	0	2161	[1]	2162	[Q]
Dauzere	16a	2240	0	2148	[1]	2240	[CPO]
Dauzere	17a	2140	0	2088	[1]	2129	[Q]
Dauzere	18a	2125	0	2057	[1]	2105	[Q]
Hurink_edata	abz5	1167	1	1167	[CPO]	1167	[Q]
Hurink_edata	abz6	925	1	925	[CPO]	925	[Q]
Hurink_edata	abz7	620	0	564	[Q]	620	[CPO]
Hurink_edata	abz8	639	0	586	[Q]	639	[CPO]
Hurink_edata	abz9	644	1	644	[CPO]	644	[CPO]

Hurink_edata	car1	6176	1	6176	[CPO]	6176	[Q]
Hurink_edata	car2	6327	1	6327	[CPO]	6327	[Q]
Hurink_edata	car3	6856	1	6856	[CPO]	6856	[Q]
Hurink_edata	car4	7789	1	7789	[Q]	7789	[Q]
Hurink_edata	car5	7229	1	7229	[Q]	7229	[Q]
Hurink_edata	car6	7990	1	7990	[CPO]	7990	[Q]
Hurink_edata	car7	6123	1	6123	[CPO]	6123	[Q]
Hurink_edata	car8	7689	1	7689	[CPO]	7689	[Q]
Hurink_edata	la01	609	1	609	[2]	609	[2]
Hurink_edata	la02	655	1	655	[2]	655	[2]
Hurink_edata	la03	550	1	550	[2]	550	[2]
Hurink_edata	la04	568	1	568	[2]	568	[2]
Hurink_edata	la05	503	1	503	[2]	503	[2]
Hurink_edata	la06	833	1	833	[2]	833	[2]
Hurink_edata	la07	762	1	762	[2]	762	[2]
Hurink_edata	la08	845	1	845	[2]	845	[2]
Hurink_edata	la09	878	1	878	[2]	878	[2]
Hurink_edata	la10	866	1	866	[2]	866	[2]
Hurink_edata	la11	1103	1	1103	[13]	1103	[2]
Hurink_edata	la12	960	1	960	[2]	960	[2]
Hurink_edata	la13	1053	1	1053	[2]	1053	[2]
Hurink_edata	la14	1123	1	1123	[2]	1123	[2]
Hurink_edata	la15	1111	1	1111	[2]	1111	[2]
Hurink_edata	la16	892	1	892	[2]	892	[2]
Hurink_edata	la17	707	1	707	[2]	707	[2]
Hurink_edata	la18	842	1	842	[2]	842	[2]
Hurink_edata	la19	796	1	796	[2]	796	[2]
Hurink_edata	la20	857	1	857	[2]	857	[2]
Hurink_edata	la21	1009	1	1009	[CPO]	1009	[15]
Hurink_edata	la22	880	1	880	[13]	880	[15]
Hurink_edata	la23	950	1	950	[2]	950	[2]
Hurink_edata	la24	908	1	908	[13]	908	[15]
Hurink_edata	la25	936	1	936	[13]	936	[13]
Hurink_edata	la26	1106	1	1106	[Q]	1106	[CPO]
Hurink_edata	la27	1181	1	1181	[2]	1181	[15]
Hurink_edata	la28	1142	1	1142	[CPO]	1142	[15]
Hurink_edata	la29	1107	1	1107	[CPO]	1107	[CPO]
Hurink_edata	la30	1188	0	1148	[Q]	1188	[CPO]
Hurink_edata	la31	1532	1	1532	[CPO]	1532	[CPO]
Hurink_edata	la32	1698	1	1698	[2]	1698	[2]
Hurink_edata	la33	1547	1	1547	[2]	1547	[2]
Hurink_edata	la34	1599	1	1599	[13]	1599	[2]
Hurink_edata	la35	1736	1	1736	[2]	1736	[2]
Hurink_edata	la36	1160	1	1160	[13]	1160	[15]
Hurink_edata	la37	1397	1	1397	[13]	1397	[2]
Hurink_edata	la38	1141	1	1141	[13]	1141	[13]
Hurink_edata	la39	1184	1	1184	[13]	1184	[2]
Hurink_edata	la40	1144	1	1144	[13]	1144	[13]
Hurink_edata	mt06	55	1	55	[2]	55	[2]
Hurink_edata	mt10	871	1	871	[2]	871	[2]
Hurink_edata	mt20	1088	1	1088	[2]	1088	[2]
Hurink_edata	orb1	977	1	977	[CPO]	977	[CPO]
Hurink_edata	orb10	933	1	933	[CPO]	933	[Q]
Hurink_edata	orb2	865	1	865	[CPO]	865	[Q]
Hurink_edata	orb3	951	1	951	[CPO]	951	[Q]
Hurink_edata	orb4	984	1	984	[CPO]	984	[Q]
Hurink_edata	orb5	842	1	842	[CPO]	842	[Q]

Hurink_edata	orb6	958	1	958	[CPO]	958	[Q]
Hurink_edata	orb7	389	1	389	[CPO]	389	[Q]
Hurink_edata	orb8	894	1	894	[Q]	894	[Q]
Hurink_edata	orb9	933	1	933	[CPO]	933	[Q]
Hurink_rdata	abz5	954	1	954	[CPO]	954	[Q]
Hurink_rdata	abz6	807	1	807	[Q]	807	[Q]
Hurink_rdata	abz7	535	0	492	[Q]	531	[Q]
Hurink_rdata	abz8	558	0	506	[Q]	542	[Q]
Hurink_rdata	abz9	553	0	497	[Q]	541	[Q]
Hurink_rdata	car1	5034	1	5034	[CPO]	5034	[CPO]
Hurink_rdata	car2	5985	0	5929	[Q]	5985	[CPO]
Hurink_rdata	car3	5623	0	5597	[Q]	5623	[CPO]
Hurink_rdata	car4	6514	0	6514	[Q]	6514	[Q]
Hurink_rdata	car5	5615	1	5615	[CPO]	5615	[CPO]
Hurink_rdata	car6	6147	1	6147	[CPO]	6147	[Q]
Hurink_rdata	car7	4425	1	4425	[CPO]	4425	[Q]
Hurink_rdata	car8	5692	1	5692	[CPO]	5692	[Q]
Hurink_rdata	la01	570	1	570	[2]	570	[CPO]
Hurink_rdata	la02	529	1	529	[2]	529	[2]
Hurink_rdata	la03	477	1	477	[2]	477	[2]
Hurink_rdata	la04	502	1	502	[2]	502	[2]
Hurink_rdata	la05	457	0	457	[2]	457	[2]
Hurink_rdata	la06	799	0	799	[2]	799	[2]
Hurink_rdata	la07	749	0	749	[2]	749	[2]
Hurink_rdata	la08	765	0	765	[2]	765	[2]
Hurink_rdata	la09	853	0	853	[2]	853	[2]
Hurink_rdata	la10	804	0	804	[2]	804	[2]
Hurink_rdata	la11	1071	0	1071	[2]	1071	[2]
Hurink_rdata	la12	936	0	936	[2]	936	[2]
Hurink_rdata	la13	1038	0	1038	[2]	1038	[2]
Hurink_rdata	la14	1070	0	1070	[2]	1070	[2]
Hurink_rdata	la15	1089	0	1089	[2]	1089	[2]
Hurink_rdata	la16	717	1	717	[2]	717	[2]
Hurink_rdata	la17	646	1	646	[2]	646	[2]
Hurink_rdata	la18	666	1	666	[2]	666	[2]
Hurink_rdata	la19	700	1	700	[13]	700	[2]
Hurink_rdata	la20	756	1	756	[2]	756	[2]
Hurink_rdata	la21	838	0	808	[2]	833	[15]
Hurink_rdata	la22	757	0	737	[2]	757	[CPO]
Hurink_rdata	la23	846	0	816	[2]	832	[2]
Hurink_rdata	la24	805	0	775	[2]	801	[15]
Hurink_rdata	la25	787	0	752	[2]	785	[13]
Hurink_rdata	la26	1066	0	1056	[2]	1061	[15]
Hurink_rdata	la27	1099	0	1085	[2]	1090	[15]
Hurink_rdata	la28	1079	0	1075	[2]	1077	[15]
Hurink_rdata	la29	1001	0	993	[2]	996	[15]
Hurink_rdata	la30	1089	0	1068	[2]	1078	[15]
Hurink_rdata	la31	1522	0	1520	[2]	1520	[15]
Hurink_rdata	la32	1658	0	1657	[2]	1658	[2]
Hurink_rdata	la33	1498	0	1497	[2]	1498	[2]
Hurink_rdata	la34	1536	0	1535	[2]	1535	[2]
Hurink_rdata	la35	1549	0	1549	[2]	1549	[CPO]
Hurink_rdata	la36	1023	1	1023	[13]	1023	[15]
Hurink_rdata	la37	1062	1	1062	[CPO]	1062	[CPO]
Hurink_rdata	la38	954	1	954	[13]	954	[13]
Hurink_rdata	la39	1011	1	1011	[13]	1011	[2]
Hurink_rdata	la40	955	1	955	[2]	955	[CPO]

Hurink_rdata	mt06	47	1	47	[2]	47	[2]
Hurink_rdata	mt10	686	1	686	[Q]	686	[2]
Hurink_rdata	mt20	1022	0	1022	[2]	1022	[2]
Hurink_rdata	orb1	746	1	746	[CPO]	746	[Q]
Hurink_rdata	orb10	742	1	742	[CPO]	742	[Q]
Hurink_rdata	orb2	696	1	696	[CPO]	696	[Q]
Hurink_rdata	orb3	712	1	712	[CPO]	712	[Q]
Hurink_rdata	orb4	753	1	753	[Q]	753	[Q]
Hurink_rdata	orb5	639	1	639	[CPO]	639	[Q]
Hurink_rdata	orb6	754	1	754	[CPO]	754	[Q]
Hurink_rdata	orb7	302	1	302	[CPO]	302	[Q]
Hurink_rdata	orb8	639	1	639	[CPO]	639	[Q]
Hurink_rdata	orb9	694	1	694	[Q]	694	[Q]
Hurink_sdata	abz5	1234	1	1234	[CPO]	1234	[Q]
Hurink_sdata	abz6	943	1	943	[CPO]	943	[Q]
Hurink_sdata	abz7	656	1	656	[CPO]	656	[CPO]
Hurink_sdata	abz8	667	0	608	[Q]	667	[CPO]
Hurink_sdata	abz9	678	1	678	[CPO]	678	[CPO]
Hurink_sdata	car1	7038	1	7038	[Q]	7038	[Q]
Hurink_sdata	car2	7166	1	7166	[Q]	7166	[Q]
Hurink_sdata	car3	7312	1	7312	[Q]	7312	[Q]
Hurink_sdata	car4	8003	1	8003	[Q]	8003	[Q]
Hurink_sdata	car5	7702	1	7702	[CPO]	7702	[Q]
Hurink_sdata	car6	8313	1	8313	[CPO]	8313	[Q]
Hurink_sdata	car7	6558	1	6558	[CPO]	6558	[Q]
Hurink_sdata	car8	8264	1	8264	[CPO]	8264	[Q]
Hurink_sdata	la01	666	1	666	[2]	666	[2]
Hurink_sdata	la02	655	1	655	[2]	655	[2]
Hurink_sdata	la03	597	1	597	[2]	597	[2]
Hurink_sdata	la04	590	1	590	[2]	590	[2]
Hurink_sdata	la05	593	1	593	[2]	593	[2]
Hurink_sdata	la06	926	1	926	[2]	926	[2]
Hurink_sdata	la07	890	1	890	[2]	890	[2]
Hurink_sdata	la08	863	1	863	[2]	863	[2]
Hurink_sdata	la09	951	1	951	[2]	951	[2]
Hurink_sdata	la10	958	1	958	[2]	958	[2]
Hurink_sdata	la11	1222	1	1222	[2]	1222	[2]
Hurink_sdata	la12	1039	1	1039	[2]	1039	[2]
Hurink_sdata	la13	1150	1	1150	[2]	1150	[2]
Hurink_sdata	la14	1292	1	1292	[2]	1292	[2]
Hurink_sdata	la15	1207	1	1207	[2]	1207	[2]
Hurink_sdata	la16	945	1	945	[2]	945	[2]
Hurink_sdata	la17	784	1	784	[2]	784	[2]
Hurink_sdata	la18	848	1	848	[2]	848	[2]
Hurink_sdata	la19	842	1	842	[2]	842	[2]
Hurink_sdata	la20	902	1	902	[2]	902	[2]
Hurink_sdata	la21	1046	1	1046	[2]	1046	[2]
Hurink_sdata	la22	927	1	927	[2]	927	[2]
Hurink_sdata	la23	1032	1	1032	[2]	1032	[2]
Hurink_sdata	la24	935	1	935	[2]	935	[2]
Hurink_sdata	la25	977	1	977	[2]	977	[2]
Hurink_sdata	la26	1218	1	1218	[2]	1218	[2]
Hurink_sdata	la27	1235	1	1235	[2]	1235	[2]
Hurink_sdata	la28	1216	1	1216	[2]	1216	[2]
Hurink_sdata	la29	1152	1	1152	[CPO]	1152	[CPO]
Hurink_sdata	la30	1355	1	1355	[2]	1355	[2]
Hurink_sdata	la31	1784	1	1784	[2]	1784	[2]

Hurink_sdata	la32	1850	1	1850	[2]	1850	[2]
Hurink_sdata	la33	1719	1	1719	[2]	1719	[2]
Hurink_sdata	la34	1721	1	1721	[2]	1721	[2]
Hurink_sdata	la35	1888	1	1888	[2]	1888	[2]
Hurink_sdata	la36	1268	1	1268	[2]	1268	[CPO]
Hurink_sdata	la37	1397	1	1397	[2]	1397	[2]
Hurink_sdata	la38	1196	1	1196	[CPO]	1196	[2]
Hurink_sdata	la39	1233	1	1233	[2]	1233	[2]
Hurink_sdata	la40	1222	1	1222	[2]	1222	[CPO]
Hurink_sdata	mt06	55	1	55	[2]	55	[2]
Hurink_sdata	mt10	930	1	930	[2]	930	[2]
Hurink_sdata	mt20	1165	1	1165	[2]	1165	[2]
Hurink_sdata	orb1	1059	1	1059	[CPO]	1059	[CPO]
Hurink_sdata	orb10	944	1	944	[CPO]	944	[Q]
Hurink_sdata	orb2	888	1	888	[CPO]	888	[Q]
Hurink_sdata	orb3	1005	1	1005	[CPO]	1005	[Q]
Hurink_sdata	orb4	1005	1	1005	[CPO]	1005	[Q]
Hurink_sdata	orb5	887	1	887	[CPO]	887	[Q]
Hurink_sdata	orb6	1010	1	1010	[CPO]	1010	[Q]
Hurink_sdata	orb7	397	1	397	[CPO]	397	[CPO]
Hurink_sdata	orb8	899	1	899	[CPO]	899	[Q]
Hurink_sdata	orb9	934	1	934	[CPO]	934	[Q]
Hurink_vdata	abz5	859	1	859	[Q]	859	[Q]
Hurink_vdata	abz6	742	1	742	[Q]	742	[Q]
Hurink_vdata	abz7	493	0	492	[Q]	493	[CPO]
Hurink_vdata	abz8	508	0	506	[Q]	508	[CPO]
Hurink_vdata	abz9	498	0	497	[Q]	498	[CPO]
Hurink_vdata	car1	5006	0	5005	[Q]	5006	[Q]
Hurink_vdata	car2	5929	0	5929	[Q]	5929	[Q]
Hurink_vdata	car3	5599	0	5597	[Q]	5598	[Q]
Hurink_vdata	car4	6514	0	6514	[Q]	6514	[CPO]
Hurink_vdata	car5	4912	0	4909	[Q]	4912	[CPO]
Hurink_vdata	car6	5486	1	5486	[Q]	5486	[Q]
Hurink_vdata	car7	4281	1	4281	[Q]	4281	[Q]
Hurink_vdata	car8	4613	1	4613	[Q]	4613	[Q]
Hurink_vdata	la01	570	0	570	[2]	570	[2]
Hurink_vdata	la02	529	0	529	[2]	529	[2]
Hurink_vdata	la03	477	0	477	[2]	477	[2]
Hurink_vdata	la04	502	0	502	[2]	502	[2]
Hurink_vdata	la05	457	0	457	[2]	457	[2]
Hurink_vdata	la06	799	0	799	[2]	799	[2]
Hurink_vdata	la07	749	0	749	[2]	749	[2]
Hurink_vdata	la08	765	0	765	[2]	765	[2]
Hurink_vdata	la09	853	0	853	[2]	853	[2]
Hurink_vdata	la10	804	0	804	[2]	804	[2]
Hurink_vdata	la11	1071	0	1071	[2]	1071	[2]
Hurink_vdata	la12	936	0	936	[2]	936	[2]
Hurink_vdata	la13	1038	0	1038	[2]	1038	[2]
Hurink_vdata	la14	1070	0	1070	[2]	1070	[2]
Hurink_vdata	la15	1089	0	1089	[2]	1089	[2]
Hurink_vdata	la16	717	1	717	[2]	717	[2]
Hurink_vdata	la17	646	1	646	[2]	646	[2]
Hurink_vdata	la18	663	1	663	[2]	663	[2]
Hurink_vdata	la19	617	1	617	[2]	617	[2]
Hurink_vdata	la20	756	1	756	[2]	756	[2]
Hurink_vdata	la21	801	0	800	[2]	801	[Q]
Hurink_vdata	la22	734	0	733	[2]	734	[CPO]

Hurink_vdata	la23	810	0	809	[2]	810	[Q]
Hurink_vdata	la24	774	0	773	[2]	774	[CPO]
Hurink_vdata	la25	753	0	751	[2]	753	[Q]
Hurink_vdata	la26	1052	0	1052	[2]	1052	[Q]
Hurink_vdata	la27	1084	0	1084	[2]	1084	[CPO]
Hurink_vdata	la28	1069	0	1069	[2]	1069	[Q]
Hurink_vdata	la29	994	0	993	[2]	993	[Q]
Hurink_vdata	la30	1069	0	1068	[2]	1069	[2]
Hurink_vdata	la31	1520	0	1520	[2]	1520	[2]
Hurink_vdata	la32	1658	0	1657	[2]	1657	[Q]
Hurink_vdata	la33	1498	0	1497	[2]	1497	[2]
Hurink_vdata	la34	1535	0	1535	[2]	1535	[2]
Hurink_vdata	la35	1550	0	1549	[2]	1549	[2]
Hurink_vdata	la36	948	1	948	[2]	948	[2]
Hurink_vdata	la37	986	1	986	[2]	986	[2]
Hurink_vdata	la38	943	1	943	[2]	943	[2]
Hurink_vdata	la39	922	1	922	[2]	922	[2]
Hurink_vdata	la40	955	1	955	[2]	955	[2]
Hurink_vdata	mt06	47	1	47	[2]	47	[2]
Hurink_vdata	mt10	655	1	655	[2]	655	[2]
Hurink_vdata	mt20	1022	0	1022	[2]	1022	[2]
Hurink_vdata	orb1	695	1	695	[Q]	695	[Q]
Hurink_vdata	orb10	681	1	681	[Q]	681	[Q]
Hurink_vdata	orb2	620	1	620	[Q]	620	[Q]
Hurink_vdata	orb3	648	1	648	[Q]	648	[Q]
Hurink_vdata	orb4	753	1	753	[Q]	753	[Q]
Hurink_vdata	orb5	584	1	584	[Q]	584	[Q]
Hurink_vdata	orb6	715	1	715	[Q]	715	[Q]
Hurink_vdata	orb7	275	1	275	[Q]	275	[Q]
Hurink_vdata	orb8	573	1	573	[Q]	573	[Q]
Hurink_vdata	orb9	659	1	659	[Q]	659	[Q]