PHASE	STRUCTURE TYPE	PEARSON SYMBOL SPACE GROUP	a b [nm] c	ALPHA BETA [D] GAMMA	ATOMS	POINT SET	x	y	z	OCC. * 100	SPACE LATTICE (c) (T) (p)	REMARKS	NAME CODEN YEAR VOL PAGE [NO]
							* 1000 or 10000						
Al_4LuNi	Al_4NiY	oC24 Cmcm	0.4023 1.497 0.663		Al_1	4b	000	500	000	100		PP	RYKHA DUKABM 73 No6 P568
					Al_2	4c	000	943	250	100			
					Al_3	8f	000	314	054	100			
					La	4c	000	121	250	100			
					Ni	4c	000	771	250	100			
Al-Mg		cF*	0.471									PD, E; precipitates in Al-7w%Mg	TREHA IJOPAU 69 7 P209
Al-Mg	Mg	hP2 $P6_3/mmc$	0.3170 0.5157		M	2c	333	667	250	100	Y	PP; sl at x=0.1; ann 710K/14d	PREDE ZEMTAE 76 67 P228
	REMARKS: $Al_{(x)}Mg_{(1-x)}$, x=0-0.12												
Al-Mg	Mg	hP2 $P6_3/mmc$	0.3130 0.5105		M	2c	333	667	250	100	Y	PP; metastable; liquid quenched; sl at x=0.2	LUO TMSAAB 64 230 P1488
	REMARKS: $Al_{(x)}Mg_{(1-x)}$, x=0-0.23												
Al-Mg	Cu	cF4 $Fm\bar{3}m$	0.41815		M	4a	000	000	000	100	Y	PP; metastable; liquid quenched, sl at x= 0.702	LUO TMSAAB 64 230 P1488 TIWAR MEIJAP 79 12 P73
	REMARKS: $Al_{(x)}Mg_{(1-x)}$, x=0.62-1.0 (refl); (ref2) confirmes x=0.6-1.0												
$Al_{11}Mg_9$	$Al_{11}Mg_9$	tP58 P4/m	1.05014 1.01849									PP	PREDE ZEMTAE 78 69 P690
$Al_{12}Mg_{17}$	Mn	cI58 $I\bar{4}3m$	1.05438		Al	24g	0954	0954	2725	100		PD, Q=0.063, N; 3* (refl)	SCHOB NATWAY 70 57 P128 SCHUR GSFGBY 80 32 P167
					Mg_1	2a	0000	0000	0000	100			
					Mg_2	8c	3240	3240	3240	100			
					Mg_3	24g	3582	3582	0393	100			
	REMARKS: Compl c-T diagram (ref2)												
Al_2Mg	Ga_2Hf	tI24 $I4_1/amd$	0.4132 2.6602									Exact comp Al_7Mg_3; metastable; liquid quenched (refl)	SURYA ZEMTAE 78 69 P155 SCHUR GSFGBY 77 29 P107
	REMARKS: Compl c-T diagram (ref2)												
Al_3Mg_2	Al_3Mg_2	cF1832 $Fd\bar{3}m$	2.8239									SD, R=0.061; chem an given; AP see STT (refl)	SAMSA ACCRA9 65 19 P401 SCHUR GSFGBY 81 33 P43
	REMARKS: Compl c-T diagram (ref2)												