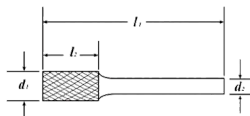


LIMA CILINDRICA

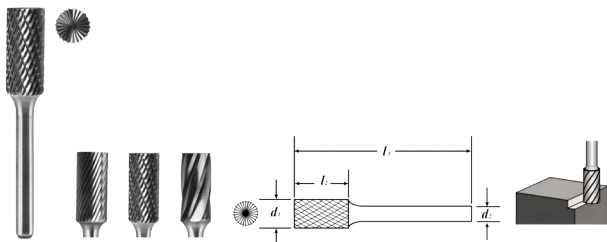


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13010314	A0314MX03-24	01- CILINDRICA/ CORTE DUPLO	3	14	3	24
13010613	A0613MX03-38		6	13	3	38
13010616	A0616MX06-45		6	16	6	45
13010820	A0820MX06-45		8	20	6	45
13011020	A1020MX06-45		10	20	6	45
13011225	A1225MX06-45		12	25	6	45
13011625	A1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14010314	A0314M03-24	01- CILINDRICA/ CORTE SIMPLES	3	14	3	24
14010613	A0613M03-38		6	13	3	38
14010616	A0616M06-45		6	16	6	45
14010820	A0820M06-45		8	20	6	45
14011020	A1020M06-45		10	20	6	45
14011225	A1225M06-45		12	25	6	45
14011625	A1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15010314	A0314W03-24	01-CILINDRICA/ CORTE ALUMINIO	3	14	3	24
15010613	A0613W03-38		6	13	3	38
15010616	A0616W06-45		6	16	6	45
15010820	A0820W06-45		8	20	6	45
15011020	A1020W06-45		10	20	6	45
15011225	A1225W06-45		12	25	6	45
15011625	A1625W06-45		16	25	6	45

LIMA CILINDRICA CORTE TOPO

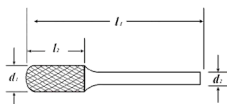


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13020314	B0314MX03-24	02- CILINDRICA CORTE TOPO/ CORTE DUPLO	3	14	3	24
13020613	B0613MX03-38		6	13	3	38
13020616	B0616MX06-45		6	16	6	45
13020820	B0820MX06-45		8	20	6	45
13021020	B1020MX06-45		10	20	6	45
13021225	B1225MX06-45		12	25	6	45
13021625	B1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14020314	B0314M03-24	02- CILINDRICA CORTE TOPO/ CORTE SIMPLES	3	14	3	24
14020613	B0613M03-38		6	13	3	38
14020616	B0616M06-45		6	16	6	45
14020820	B0820M06-45		8	20	6	45
14021020	B1020M06-45		10	20	6	45
14021225	B1225M06-45		12	25	6	45
14021625	B1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15020314	B0314W03-24	02- CILINDRICA CORTE TOPO/ CORTE ALUMINIO	3	14	3	24
15020613	B0613W03-38		6	13	3	38
15020616	B0616W06-45		6	16	6	45
15020820	B0820W06-45		8	20	6	45
15021020	B1020W06-45		10	20	6	45
15021225	B1225W06-45		12	25	6	45
15021625	B1625W06-45		16	25	6	45

LIMA CILINDRICA TOPO ESFÉRICO

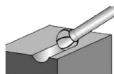
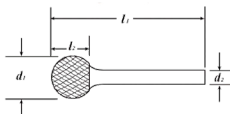


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13030314	C0314MX03-24	03- CILINDRICA TOPO ESFÉRICO/ CORTE DUPLO	3	14	3	24
13030613	C0613MX03-38		6	13	3	38
13030616	C0616MX06-45		6	16	6	45
13030820	C0820MX06-45		8	20	6	45
13031020	C1020MX06-45		10	20	6	45
13031225	C1225MX06-45		12	25	6	45
13031625	C1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14030314	C0314W03-24	03- CILINDRICA TOPO ESFÉRICO/ CORTE SIMPLES	3	14	3	24
14030613	C0613W03-38		6	13	3	38
14030616	C0616W06-45		6	16	6	45
14030820	C0820W06-45		8	20	6	45
14031020	C1020W06-45		10	20	6	45
14031225	C1225W06-45		12	25	6	45
14031625	C1625W06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15030314	C0314W03-24	03- CILINDRICA TOPO ESFÉRICO/ CORTE ALUMINIO	3	14	3	24
15030613	C0613W03-38		6	13	3	38
15030616	C0616W06-45		6	16	6	45
15030820	C0820W06-45		8	20	6	45
15031020	C1020W06-45		10	20	6	45
15031225	C1225W06-45		12	25	6	45
15031625	C1625W06-45		16	25	6	45

LIMA ESFÉRICA

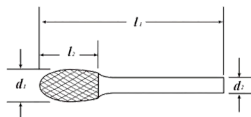


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13040302	D0302MX03-36	04-ESFÉRICA/ CORTE DUPLO	3	2	3	36
13040605	D0605MX03-38		6	5	3	38
13040606	D0605MX06-45		6	5	6	45
13040807	D0807MX06-45		8	7	6	45
13041009	D1009MX06-45		10	9	6	45
13041210	D1210MX06-45		12	10	6	45
13041614	D1614MX06-45		16	14	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14040302	D0302W03-36	04-ESFÉRICA/ CORTE SIMPLES	3	2	3	36
14040605	D0605W03-38		6	5	3	38
14040606	D0605W06-45		6	5	6	45
14040807	D0807W06-45		8	7	6	45
14041009	D1009W06-45		10	9	6	45
14041210	D1210W06-45		12	10	6	45
14041614	D1614W06-45		16	14	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15040302	D0302W03-36	04-ESFÉRICA/ CORTE ALUMINIO	3	2	3	36
15040605	D0605W03-38		6	5	3	38
15040606	D0605W06-45		6	5	6	45
15040807	D0807W06-45		8	7	6	45
15041009	D1009W06-45		10	9	6	45
15041210	D1210W06-45		12	10	6	45
15041614	D1614W06-45		16	14	6	45

LIMA OVAL

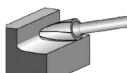
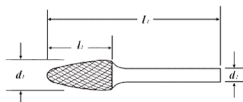


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13050306	E0306MX03-32	05-OVAL/ CORTE DUPLO	3	6	3	32
13050610	E0610MX03-38		6	10	3	38
13050616	E0610MX06-45		6	10	6	45
13050813	E0813MX06-45		8	13	6	45
13051016	E1016MX06-45		10	16	6	45
13051220	E1220MX06-45		12	20	6	45
13051625	E1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14050306	E0306M03-32	05-OVAL/ CORTE SIMPLES	3	6	3	32
14050610	E0610M03-38		6	10	3	38
14050616	E0610M06-45		6	10	6	45
14050813	E0813M06-45		8	13	6	45
14051016	E1016M06-45		10	16	6	45
14051220	E1220M06-45		12	20	6	45
14051625	E1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15050306	E0306W03-32	05-OVAL/ CORTE ALUMINIO	3	6	3	32
15050610	E0610W03-38		6	10	3	38
15050616	E0610W06-45		6	10	6	45
15050813	E0813W06-45		8	13	6	45
15051016	E1016W06-45		10	16	6	45
15051220	E1220W06-45		12	20	6	45
15051625	E1625W06-45		16	25	6	45

LIMA ARVORE

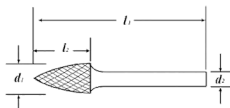


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13060314	F0314MX03-24	06-ARVORE/ CORTE DUPLO	3	14	3	24
13060613	F0613MX03-38		6	13	3	38
13060618	F0618MX06-45		6	16	6	45
13060820	F0820MX06-45		8	20	6	45
13061020	F1020MX06-45		10	20	6	45
13061225	F1225MX06-45		12	25	6	45
13061625	F1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14060314	F0314M03-24	06-ARVORE/ CORTE SIMPLES	3	14	3	24
14060613	F0613M03-38		6	13	3	38
14060618	F0618M06-45		6	16	6	45
14060820	F0820M06-45		8	20	6	45
14061020	F1020M06-45		10	20	6	45
14061225	F1225M06-45		12	25	6	45
14061625	F1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15060314	F0314W03-24	06-ARVORE/ CORTE ALUMINIO	3	14	3	24
15060613	F0613W03-38		6	13	3	38
15060618	F0618W06-45		6	16	6	45
15060820	F0820W06-45		8	20	6	45
15061020	F1020W06-45		10	20	6	45
15061225	F1225W06-45		12	25	6	45
15061625	F1625W06-45		16	25	6	45

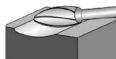
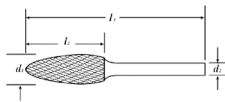
LIMA ARVORE PONTIAGUDA



CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13070314	G0314MX03-24	07-ARVORE PONTIAGUDA/ CORTE DUPLA	3	14	3	24
13070613	G0613MX03-38		6	13	3	38
13070618	G0618MX06-45		6	16	6	45
13070820	G0820MX06-45		8	20	6	45
13071020	G1020MX06-45		10	20	6	45
13071225	G1225MX06-45		12	25	6	45
13071625	G1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14070314	G0314M03-24	07-ARVORE PONTIAGUDA/ CORTE SIMPLE	3	14	3	24
14070613	G0613M03-38		6	13	3	38
14070618	G0618M06-45		6	16	6	45
14070820	G0820M06-45		8	20	6	45
14071020	G1020M06-45		10	20	6	45
14071225	G1225M06-45		12	25	6	45
14071625	G1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15070314	G0314W03-24	07-ARVORE PONTIAGUDA/ CORTE ALUMINIO	3	14	3	24
15070613	G0613W03-38		6	13	3	38
15070618	G0618W06-45		6	16	6	45
15070820	G0820W06-45		8	20	6	45
15071020	G1020W06-45		10	20	6	45
15071225	G1225W06-45		12	25	6	45
15071625	G1625W06-45		16	25	6	45

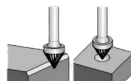
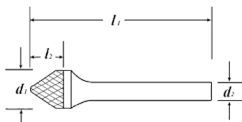


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13080316	H0316MX03-22	08-LABAREDA/ CORTE DUPLO	3	16	3	22
13080613	H0613MX03-38		6	13	3	38
13080618	H0618MX06-45		6	18	6	45
13080820	H0820MX06-45		8	20	6	45
13081025	H1025MX06-45		10	25	6	45
13081232	H1232MX06-45		12	32	6	45
13081636	H1636MX06-45		16	36	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14080316	H0316M03-22	08-LABAREDA/ CORTE SIMPLES	3	16	3	22
14080613	H0613M03-38		6	13	3	38
14080618	H0618M06-45		6	18	6	45
14080820	H0820M06-45		8	20	6	45
14081025	H1025M06-45		10	25	6	45
14081232	H1232M06-45		12	32	6	45
14081636	H1636M06-45		16	36	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15080316	H0316W03-22	08-LABAREDA/ CORTE ALUMINIO	3	16	3	22
15080613	H0613W03-38		6	13	3	38
15080618	H0618W06-45		6	18	6	45
15080820	H0820W06-45		8	20	6	45
15081025	H1025W06-45		10	25	6	45
15081232	H1232W06-45		12	32	6	45
15081636	H1636W06-45		16	36	6	45

LIMA CÔNICA 60°

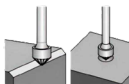
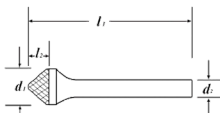


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13090605	J0605MX06-45	09-CÔNICA 60°/ CORTE DUPLO	6	5	6	45
13090806	J0806MX06-45		8	6	6	45
13091008	J1008MX06-45		10	8	6	45
13091210	J1210MX06-45		12	10	6	45
13091613	J1613MX06-45		16	13	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14090605	J0605M06-45	09-CÔNICA 60°/ CORTE SIMPLES	6	5	6	45
14090806	J0806M06-45		8	6	6	45
14091008	J1008M06-45		10	8	6	45
14091210	J1210M06-45		12	10	6	45
14091613	J1613M06-45		16	13	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15090605	J0605W06-45	09-CÔNICA 60°/ CORTE ALUMINIO	6	5	6	45
15090806	J0806W06-45		8	6	6	45
15091008	J1008W06-45		10	8	6	45
15091210	J1210W06-45		12	10	6	45
15091613	J1613W06-45		16	13	6	45

LIMA CÔNICA 90°

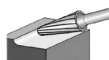
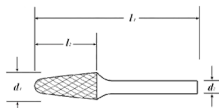


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13100603	K0603MX06-45	10-CÔNICA 90°/ CORTE DUPLO	6	3	6	45
13100804	K0804MX06-45		8	4	6	45
13101005	K1005MX06-45		10	5	6	45
13101206	K1206MX06-45		12	6	6	45
13101608	K1608MX06-45		16	8	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14100603	K0603M06-45	10-CÔNICA 90°/ CORTE SIMPLES	6	3	6	45
14100804	K0804M06-45		8	4	6	45
14101005	K1005M06-45		10	5	6	45
14101206	K1206M06-45		12	6	6	45
14101608	K1608M06-45		16	8	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15100603	K0603W06-45	10-CÔNICA 90°/ CORTE ALUMINIO	6	3	6	45
15100804	K0804W06-45		8	4	6	45
15101005	K1005W06-45		10	5	6	45
15101206	K1206W06-45		12	6	6	45
15101608	K1608W06-45		16	8	6	45

LIMA CÔNICA COM RAIODO

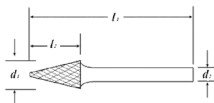


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13110314	L0314MX03-24	11-CÔNICA COM RAIODO/ CORTE DUPLO	3	14	3	24
13110613	L0613MX03-38		6	13	3	38
13110616	L0616MX06-45		6	16	6	45
13110822	L0822MX06-45		8	22	6	45
13111025	L1025MX06-45		10	25	6	45
13111228	L1228MX06-45		12	28	6	45
13111633	L1633MX06-45		16	33	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14110314	L0314M03-24	11-CÔNICA COM RAIODO/ CORTE SIMPLES	3	14	3	24
14110613	L0613M03-38		6	13	3	38
14110616	L0616M06-45		6	16	6	45
14110822	L0822M06-45		8	22	6	45
14111025	L1025M06-45		10	25	6	45
14111228	L1228M06-45		12	28	6	45
14111633	L1633M06-45		16	33	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15110314	L0314W03-24	11-CÔNICA COM RAIOD/ CORTE ALUMINIO	3	14	3	24
15110613	L0613W03-38		6	13	3	38
15110616	L0616W06-45		6	16	6	45
15110822	L0822W06-45		8	22	6	45
15111025	L1025W06-45		10	25	6	45
15111228	L1228W06-45		12	28	6	45
15111633	L1633W06-45		16	33	6	45

LIMA CÔNICA

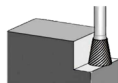
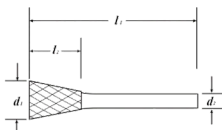


CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13120311	M0311MX03-27	12-CÔNICA/ CORTE DUPLO	3	14	3	27
13120613	M0613MX03-38		6	13	3	38
13120618	M0618MX06-45		6	18	6	45
13120820	M0820MX06-45		8	20	6	45
13121020	M1020MX06-45		10	20	6	45
13121225	M1225MX06-45		12	25	6	45
13121625	M1625MX06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14120311	M0311M03-27	12-CÔNICA/ CORTE SIMPLES	3	11	3	27
14120613	M0613M03-38		6	13	3	38
14120618	M0618M06-45		6	18	6	45
14120820	M0820M06-45		8	20	6	45
14121020	M1020M06-45		10	20	6	45
14121215	M1225M06-45		12	25	6	45
14121625	M1625M06-45		16	25	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15120311	M0311W03-27	12-CÔNICA/ CORTE ALUMINIO	3	11	3	27
15120613	M0613W03-38		6	13	3	38
15120618	M0618W06-45		6	18	6	45
15120820	M0820W06-45		8	20	6	45
15121020	M1020W06-45		10	20	6	45
15121225	M1225W06-45		12	25	6	45
15121625	M1625W06-45		16	25	6	45

LIMA CÔNICA INVERTIDA



CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
13130304	N0304MX03-34	13-CÔNICA INVERTIDA/ CORTE DUPLO	3	4	3	34
13130607	N0607MX03-38		6	7	3	38
13130613	N0607MX06-45		6	7	6	45
13130809	N0809MX06-45		8	9	6	45
13131010	N1010MX06-45		10	10	6	45
13131213	N1213MX06-45		12	13	6	45
13131616	N1616MX06-45		16	16	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
14130204	N0304M03-34	13-CÔNICA INVERTIDA/ CORTE SIMPLES	3	4	3	34
14130607	N0607M03-38		6	7	3	38
14130613	N0607M06-45		6	7	6	45
14130809	N0809M06-45		8	9	6	45
14131010	N1010M06-45		10	10	6	45
14131213	N1213M06-45		12	13	6	45
14131616	N1616M06-45		16	16	6	45

CÓDIGO	MODELO	CORTE TIPO	CORTE DIAM. (M.M)	CORTE COMP.(MM)	HASTE DIAM. (M.M)	HASTE COMP.(M.M)
15130304	N0304W03-34	13-CÔNICA INVERTIDA/ CORTE ALUMINIO	3	4	3	34
15130607	N0607W03-38		6	7	3	38
15130613	N0607W06-45		6	7	6	45
15130809	N0809W06-45		8	9	6	45
15131010	N1010W06-45		10	10	6	45
15131213	N1213W06-45		12	13	6	45
15131616	N1616W06-45		16	16	6	45