



MODIFICACIONES				
No.	APRB.	LOC.	DESCRIPCION	FECHA
			Ver hoja I	

LA INFORMACION CONTENIDA EN ESTE DOCUMENTO ESTA PROTEGIDA POR LAS LEYES DE DERECHO DE AUTOR Y PROPIEDAD INTELECTUAL Y SE PROHIBE SU REPRODUCCION TOTAL O PARCIAL POR CUALQUIER MEDIO SIN AUTORIZACION DE SU PROPIETARIO: FORJA DE MONTERREY S.A. DE C.V.										 FORJA DE MONTERREY		FORJA DE MONTERREY S.A. DE C.V. CARR. MONTERREY COLOMBIA Km.6.5 CD. GENERAL ESCOBEDO C.P. 66050 NUEVO LEON, MEXICO.				 GRUPO QUÍMICO	
ACABADO SUPERFICIAL (Raí SIMBOLO)		Raí		Raí		Raí		Raí		Raí		Raí		Raí		Raí	
6.3		250		1.6		63		0.8		32		1.6		63		0.8	
6.3		125		1.6		32		0.8		16		1.6		32		0.8	
6.3		63		1.6		16		0.8		8		1.6		16		0.8	
6.3		32		1.6		8		0.8		4		1.6		8		0.8	
6.3		16		1.6		4		0.8		2		1.6		4		0.8	
6.3		8		1.6		2		0.8		1		1.6		2		0.8	
6.3		4		1.6		1		0.8		0.5		1.6		1		0.8	
6.3		2		1.6		0.5		0.8		0.25		1.6		0.5		0.8	
6.3		1		1.6		0.25		0.8		0.125		1.6		0.25		0.8	
6.3		0.5		1.6		0.125		0.8		0.0625		1.6		0.125		0.8	
6.3		0.25		1.6		0.0625		0.8		0.03125		1.6		0.0625		0.8	
6.3		0.125		1.6		0.03125		0.8		0.015625		1.6		0.03125		0.8	
6.3		0.0625		1.6		0.015625		0.8		0.0078125		1.6		0.015625		0.8	
6.3		0.03125		1.6		0.0078125		0.8		0.00390625		1.6		0.0078125		0.8	
6.3		0.015625		1.6		0.00390625		0.8		0.001953125		1.6		0.00390625		0.8	
6.3		0.0078125		1.6		0.001953125		0.8		0.0009765625		1.6		0.001953125		0.8	
6.3		0.00390625		1.6		0.0009765625		0.8		0.00048828125		1.6		0.0009765625		0.8	
6.3		0.001953125		1.6		0.00048828125		0.8		0.000244140625		1.6		0.00048828125		0.8	
6.3		0.0009765625		1.6		0.000244140625		0.8		0.0001220703125		1.6		0.000244140625		0.8	
6.3		0.00048828125		1.6		0.0001220703125		0.8		0.00006103515625		1.6		0.0001220703125		0.8	
6.3		0.000244140625		1.6		0.00006103515625		0.8		0.000030517578125		1.6		0.00006103515625		0.8	
6.3		0.0001220703125		1.6		0.000030517578125		0.8		0.0000152587890625		1.6		0.000030517578125		0.8	
6.3		0.00006103515625		1.6		0.0000152587890625		0.8		0.00000762939453125		1.6		0.0000152587890625		0.8	
6.3		0.000030517578125		1.6		0.00000762939453125		0.8		0.000003814697265625		1.6		0.00000762939453125		0.8	
6.3		0.0000152587890625		1.6		0.000003814697265625		0.8		0.0000019073486328125		1.6		0.000003814697265625		0.8	
6.3		0.00000762939453125		1.6		0.0000019073486328125		0.8		0.00000095367431640625		1.6		0.0000019073486328125		0.8	
6.3		0.000003814697265625		1.6		0.00000095367431640625		0.8		0.000000476837158203125		1.6		0.00000095367431640625		0.8	
6.3		0.0000019073486328125		1.6		0.000000476837158203125		0.8		0.0000002384185791015625		1.6		0.000000476837158203125		0.8	
6.3		0.00000095367431640625		1.6		0.0000002384185791015625		0.8		0.00000011920928955078125		1.6		0.0000002384185791015625		0.8	
6.3		0.000000476837158203125		1.6		0.00000011920928955078125		0.8		0.000000059604644775390625		1.6		0.00000011920928955078125		0.8	
6.3		0.0000002384185791015625		1.6		0.000000059604644775390625		0.8		0.0000000298023223876953125		1.6		0.000000059604644775390625		0.8	
6.3		0.00000011920928955078125		1.6		0.0000000298023223876953125		0.8		0.00000001490116119384765625		1.6		0.0000000298023223876953125		0.8	
6.3		0.000000059604644775390625		1.6		0.00000001490116119384765625		0.8		0.000000007450580596923828125		1.6		0.00000001490116119384765625		0.8	
6.3		0.0000000298023223876953125		1.6		0.000000007450580596923828125		0.8		0.0000000037252902984619140625		1.6		0.000000007450580596923828125		0.8	
6.3		0.00000001490116119384765625		1.6		0.0000000037252902984619140625		0.8		0.00000000186264514923095703125		1.6		0.0000000037252902984619140625		0.8	
6.3		0.000000007450580596923828125		1.6		0.00000000186264514923095703125		0.8		0.000000000931322574615478515625		1.6		0.00000000186264514923095703125		0.8	
6.3		0.0000000037252902984619140625		1.6		0.000000000931322574615478515625		0.8		0.0000000004656612873077392578125		1.6		0.000000000931322574615478515625		0.8	
6.3		0.00000000186264514923095703125		1.6		0.0000000004656612873077392578125		0.8		0.00000000023283064365386962890625		1.6		0.0000000004656612873077392578125		0.8	
6.3		0.000000000931322574615478515625		1.6		0.00000000023283064365386962890625		0.8		0.000000000116415321826934814453125		1.6		0.00000000023283064365386962890625		0.8	
6.3		0.0000000004656612873077392578125		1.6		0.000000000116415321826934814453125		0.8		0.0000000000582076609134674072265625		1.6		0.000000000116415321826934814453125		0.8	
6.3		0.00000000023283064365386962890625		1.6		0.0000000000582076609134674072265625		0.8		0.00000000002910383045673370361328125		1.6		0.0000000000582076609134674072265625		0.8	
6.3		0.000000000116415321826934814453125		1.6		0.00000000002910383045673370361328125		0.8		0.000000000014551915228366851806640625		1.6		0.00000000002910383045673370361328125		0.8	
6.3		0.0000000000582076609134674072265625		1.6		0.000000000014551915228366851806640625		0.8		0.0000000000072759576141834259033203125		1.6		0.000000000014551915228366851806640625		0.8	
6.3		0.00000000002910383045673370361328125		1.6		0.0000000000072759576141834259033203125		0.8		0.00000000000363797880709171295166015625		1.6		0.0000000000072759576141834259033203125		0.8	
6.3		0.000000000014551915228366851806640625		1.6		0.00000000000363797880709171295166015625		0.8		0.000000000001818989403545856475830078125		1.6		0.00000000000363797880709171295166015625		0.8	
6.3		0.0000000000072759576141834259033203125		1.6		0.000000000001818989403545856475830078125		0.8		0.0000000000009094947017729282379150390625		1.6		0.000000000001818989403545856475830078125		0.8	
6.3		0.00000000000363797880709171295166015625		1.6		0.0000000000009094947017729282379150390625		0.8		0.00000000000045474735088646411895751953125		1.6		0.0000000000009094947017729282379150390625		0.8	
6.3		0.000000000001818989403545856475830078125		1.6		0.00000000000045474735088646411895751953125		0.8		0.000000000000227373675443232059478759765625		1.6		0.00000000000045474735088646411895751953125		0.8	
6.3		0.0000000000009094947017729282379150390625		1.6		0.000000000000227373675443232059478759765625		0.8		0.0000000000001136868377216160297393798828125		1.6		0.000000000000227373675443232059478759765625		0.8	
6.3		0.00000000000045474735088646411895751953125		1.6		0.0000000000001136868377216160297393798828125		0.8		0.00000000000005684341886080801486968994140625		1.6		0.0000000000001136868377216160297393798828125		0.8	
6.3		0.000000000000227373675443232059478759765625		1.6		0.00000000000005684341886080801486968994140625		0.8		0.000000000000028421709430404007434844970703125		1.6		0.00000000000005684341886080801486968994140625		0.8	
6.3		0.0000000000001136868377216160297393798828125		1.6		0.000000000000028421709430404007434844970703125		0.8		0.0000000000000142108547152020037174224853515625		1.6		0.000000000000028421709430404007434844970703125		0.8	
6.3		0.00000000000005684341886080801486968994140625		1.6		0.0000000000000142108547152020037174224853515625		0.8		0.00000000000000710542735760100185871124267578125		1.6		0.0000000000000142108547152020037174224853515625		0.8	
6.3		0.000000000000028421709430404007434844970703125		1.6		0.00000000000000710542735760100185871124267578125		0.8		0.000000000000003552713678800500929355621337890625		1.6		0.00000000000000710542735760100185871124267578125		0.8	
6.3		0.0000000000000142108547152020037174224853515625		1.6		0.000000000000003552713678800500929355621337890625		0.8		0.0000000000000017763568394002504646778106689453125		1.6		0.000000000000003552713678800500929355621337890625		0.8	
6.3		0.00000000000000710542735760100185871124267578125		1.6		0.0000000000000017763568394002504646778106689453125		0.8		0.00000000000000088817841970012523233890533447265625		1.6		0.0000000000000017763568394002504646778106689453125		0.8	
6.3		0.000000000000003552713678800500929355621337890625		1.6		0.00000000000000088817841970012523233890533447265625		0.8		0.00000000000000044408920985006261616945266723828125		1.6		0.00000000000000088817841970012523233890533447265625		0.8	
6.3		0.0000000000000017763568394002504646778106689453125		1.6		0.00000000000000044408920985006261616945266723828125		0.8		0.000000000000000222044604925031308084726333619140625		1.6		0.00000000000000044408920985006261616945266723828125		0.8	
6.3		0.00000000000000088817841970012523233890533447265625		1.6		0.000000000000000222044604925031308084726333619140625		0.8		0.0000000000000001110223024625156540423631668095703125		1.6		0.000000000000000222044604925031308084726333619140625		0.8	
6.3		0.00000000000000044408920985006261616945266723828125		1.6		0.0000000000000001110223024625156540423631668095703125		0.8		0.00000000000000005551115123125782702118158334478515625		1.6		0.0000000000000001110223024625156540423631668095703125		0.8	
6.3		0.000000000000000222044604925031308084726333619140625		1.6		0.00000000000000005551115123125782702118158334478515625		0.8		0.0000000000000000277555756156289135105907916723828125		1.6		0.00000000000000005551115123125782702118158334478515625		0.8	
6.3		0.0000000000000001110223024625156540423631668095703125		1.6		0.00000000000000002775557561562891351059											

FIRMAS		
ING. PROCESO ACABADO MODIFICADO	ING. CALIDAD	CMM

ACABADO SUPERFICIAL (Ra)		TODOS LOS SIMBOLOS GEOMETRICOS, DIMENSIONES Y TOLERANCIAS SE DEBE LEER EN EL DISEÑO	
SIMBOLO	µm	µm	
ACABADO NORMAL	3.2	125	
ACABADO FINO	0.8	32	
RECTIFICADO	0.4	16	
OPERA ACABADO	0.1	4	

MATERIAL: AISI H13		NOM. ARCHIVO DE DIBUJO: 1045.04.1-REF-REV	
TRATAMIENTO: y R 46 - 50 HRC y Nit		NOM. ARCHIVO SOLIDO: 1045.04.1-REF-REV	
PESO: 122506		FECHA: 16/ABR/20	
CANTIDAD: X		REVISO: JCD	
EQUIPO DE MEDIDA: TORNO		FECHA: 16/ABR/20	
CLIENTE: Linea 4		AUTORIZO: JOC	