

Vertical 1"					
	REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	ÁNGULO	EFICIENCIA
V-1" C	1	203,816102	220	75	92,64%
V-1" C	1	203,802013	220	68	92,64%
V-1" C	1	203,746383	220	60	92,61%
V-1" C	1	203,724242	220	45	92,60%
V-1"-C	3	205,197486	220	75	93,27%
V-1"-C	3	205,108539	220	68	93,23%
V-1"-C	3	205,079692	220	60	93,22%
V-1"-C	3	205,211604	220	45	93,28%
V-1"-R	2	200,068431	220	75	90,94%
V-1"-R	2	204,304211	220	68	92,87%
V-1"-R	2	211,056004	220	60	95,93%
V-1"-R	2	210,592744	220	45	95,72%
V-1"-R	4	205,234123	220	75	93,29%
V-1"-R	4	208,744324	220	68	94,88%
V-1"-R	4	212,819532	220	60	96,74%
V-1"-R	4	219,288506	220	45	99,68%

Horizontal 1"					
	Nº Rejilla	Caudal aforado	Caudal de diseño	angulo de inclinacion	eficiencia rejilla
H-1"-C	9	206,790	220	75	93,996%
H-1"-C	9	204,061	220	68	92,755%
H-1"-C	9	200,843	220	60	91,292%
H-1"-C	9	194,411	220	45	88,369%
H-1"-C	11	206,320	220	75	93,782%
H-1"-C	11	206,145	220	68	93,702%
H-1"-C	11	205,988	220	60	93,631%
H-1"-C	11	205,795	220	45	93,543%
H-1"-R	10	209,470	220	75	95,214%
H-1"-R	10	208,665	220	68	94,848%
H-1"-R	10	207,773	220	60	94,442%
H-1"-R	10	206,176	220	45	93,716%
H-1"-R	12	208,920	220	75	94,964%

H-1"-R	12	211,145	220	68	95,975%
H-1"-R	12	213,750	220	60	97,159%
H-1"-R	12	218,837	220	45	99,471%

Diagonal 1"					
	N° Rejilla	Caudal aforado	Caudal de diseño	angulo de inclinacion	eficiencia rejilla
D-1"-C	17	207,167083	220	75	94,17%
D-1"-C	17	206,331461	220	68	93,79%
D-1"-C	17	205,356121	220	60	93,34%
D-1"-C	17	203,444323	220	45	92,47%
D-1"-C	19	207,885193	220	75	94,49%
D-1"-C	19	207,948097	220	68	94,52%
D-1"-C	19	208,158384	220	60	94,62%
D-1"-C	19	208,886975	220	45	94,95%
D-1"-R	18	210,104151	220	75	95,50%
D-1"-R	18	211,535762	220	68	96,15%
D-1"-R	18	213,197815	220	60	96,91%
D-1"-R	18	216,400724	220	45	98,36%
D-1"-R	20	214,018155	220	75	97,28%
D-1"-R	20	214,272407	220	68	97,40%
D-1"-R	20	214,565429	220	60	97,53%
D-1"-R	20	215,124417	220	45	97,78%

Gru

Verticales 1 1/2"					
	N° Rejilla	Caudal aforado	Caudal de diseño	eficiencia rejilla	angulo de inclinacion
V-1-1/2"-C	5	213,914933	220	0,97	45
V-1-1/2"-C	5	206,466469	221	0,93	60
V-1-1/2"-C	5	206,466469	222	0,93	68
V-1-1/2"-C	5	204,181595	223	0,92	75
V-1-1/2"-R	6	216,304734	220	0,98	45
V-1-1/2"-R	6	209,824663	220	0,95	60
V-1-1/2"-R	6	206,209507	220	0,94	68
V-1-1/2"-R	6	202,944375	220	0,92	75
V-1-1/2"-C	7	201,548446	220	0,92	45
V-1-1/2"-C	7	203,151277	220	0,92	60

Eficiencia %

V-1-1/2"-C	7	203,65695	220	0,93	68
V-1-1/2"-C	7	203,949328	220	0,93	75
V-1-1/2"-R	8	217,486138	220	0,99	45
V-1-1/2"-R	8	215,103757	220	0,98	60
V-1-1/2"-R	8	207,38478	220	0,94	68
V-1-1/2"-R	8	200,440923	220	0,91	75

Horizontales 1 1/2"					
	N° Rejilla	Caudal aforado	Caudal de diseño	eficiencia rejilla	angulo de inclinacion
H-1-1/2"-C	13	194,371403	220	0,88	45
H-1-1/2"-C	13	199,638397	221	0,90	60
H-1-1/2"-C	13	202,49447	222	0,91	68
H-1-1/2"-C	13	205,022327	223	0,92	75
H-1-1/2"-R	14	182,911703	220	0,83	45
H-1-1/2"-R	14	206,926276	220	0,94	60
H-1-1/2"-R	14	205,904619	220	0,94	68
H-1-1/2"-R	14	204,864207	220	0,93	75
H-1-1/2"-C	15	205,037276	220	0,93	45
H-1-1/2"-C	15	204,884956	220	0,93	60
H-1-1/2"-C	15	204,832767	220	0,93	68
H-1-1/2"-C	15	204,801917	220	0,93	75
H-1-1/2"-R	16	198,320233	220	0,90	45
H-1-1/2"-R	16	212,546371	220	0,97	60
H-1-1/2"-R	16	207,630617	220	0,94	68
H-1-1/2"-R	16	203,118909	220	0,92	75

Diagonal 1 1/2"					
	N° Rejilla	Caudal aforado	Caudal de diseño	eficiencia rejilla	angulo de inclinacion
D-1-1/2"-C	21	203,952037	220	0,93	45
D-1-1/2"-C	21	203,838832	221	0,92	60
D-1-1/2"-C	21	203,753434	222	0,92	68
D-1-1/2"-C	21	203,661691	223	0,91	75
D-1-1/2"-R	22	219,912452	220	1,00	45
D-1-1/2"-R	22	210,441338	220	0,96	60
D-1-1/2"-R	22	204,805807	220	0,93	68

D-1-1/2"-R	22	199,481608	220	0,91	75
D-1-1/2"-C	23	198,960581	220	0,90	45
D-1-1/2"-C	23	203,461305	220	0,92	60
D-1-1/2"-C	23	205,895836	220	0,94	68
D-1-1/2"-C	23	208,062916	220	0,95	75
D-1-1/2"-R	24	208,847486	220	0,95	45
D-1-1/2"-R	24	211,534462	220	0,96	60
D-1-1/2"-R	24	213,209563	220	0,97	68
D-1-1/2"-R	24	214,847922	220	0,98	75

3.

REJILLAS CUADRADAS DE 1"

	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
V-1"-C	1	203,72	220	0,93	45
V-1"-C	1	203,75	220	0,93	60
V-1"-C	1	203,80	220	0,93	68
V-1"-C	1	203,82	220	0,93	75
V-1"-C	3	205,21	220	0,93	45
V-1"-C	3	205,08	220	0,93	60
V-1"-C	3	205,11	220	0,93	68
V-1"-C	3	205,20	220	0,93	75
H-1"-C	9	194,41	220	0,88	45
H-1"-C	9	200,84	220	0,91	60
H-1"-C	9	204,06	220	0,93	68
H-1"-C	9	206,79	220	0,94	75
H-1"-C	11	205,80	220	0,94	45
H-1"-C	11	205,99	220	0,94	60
H-1"-C	11	206,14	220	0,94	68
H-1"-C	11	206,32	220	0,94	75
D-1"-C	17	203,44	220	0,92	45
D-1"-C	17	205,36	220	0,93	60
D-1"-C	17	206,33	220	0,94	68
D-1"-C	17	207,17	220	0,94	75
D-1"-C	19	208,89	220	0,95	45
D-1"-C	19	208,16	220	0,95	60
D-1"-C	19	207,95	220	0,95	68
D-1"-C	19	207,89	220	0,94	75

REJILLAS REDONDAS DE 1"

	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
--	------------	----------------	------------------	--------------------	--------------------

V-1"-R	2	210,59	220	0,96	45
V-1"-R	2	211,06	220	0,96	60
V-1"-R	2	204,30	220	0,93	68
V-1"-R	2	200,07	220	0,91	75
V-1"-R	4	219,29	220	1,00	45
V-1"-R	4	212,82	220	0,97	60
V-1"-R	4	208,74	220	0,95	68
V-1"-R	4	205,23	220	0,93	75
H-1"-R	10	206,18	220	0,94	45
H-1"-R	10	207,77	220	0,94	60
H-1"-R	10	208,66	220	0,95	68
H-1"-R	10	209,47	220	0,95	75
H-1"-R	12	218,84	220	0,99	45
H-1"-R	12	213,75	220	0,97	60
H-1"-R	12	211,14	220	0,96	68
H-1"-R	12	208,92	220	0,95	75
D-1"-R	18	216,40	220	0,98	45
D-1"-R	18	213,20	220	0,97	60
D-1"-R	18	211,54	220	0,96	68
D-1"-R	18	210,10	220	0,96	75
D-1"-R	20	215,12	220	0,98	45
D-1"-R	20	214,57	220	0,98	60
D-1"-R	20	214,27	220	0,97	68
D-1"-R	20	214,02	220	0,97	75

REJILLAS CUADRADAS DE 1 1/2"

	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
V-1-1/2"-C	5	213,91	220	0,97	45
V-1-1/2"-C	5	209,04	220	0,95	60
V-1-1/2"-C	5	206,47	220	0,94	68
V-1-1/2"-C	5	204,18	220	0,93	75
V-1-1/2"-C	7	201,55	220	0,92	45
V-1-1/2"-C	7	203,15	220	0,92	60
V-1-1/2"-C	7	203,66	220	0,93	68
V-1-1/2"-C	7	203,95	220	0,93	75
H-1-1/2"-C	13	194,37	220	0,88	45
H-1-1/2"-C	13	199,64	220	0,91	60
H-1-1/2"-C	13	202,49	220	0,92	68
H-1-1/2"-C	13	205,02	220	0,93	75
H-1-1/2"-C	15	205,04	220	0,93	45
H-1-1/2"-C	15	204,88	220	0,93	60
H-1-1/2"-C	15	204,83	220	0,93	68
H-1-1/2"-C	15	204,80	220	0,93	75
D-1-1/2"-C	21	203,95	220	0,93	45

D-1-1/2"-C	21	203,84	220	0,93	60
D-1-1/2"-C	21	203,75	220	0,93	68
D-1-1/2"-C	21	203,66	220	0,93	75
D-1-1/2"-C	23	219,91	220	1,00	45
D-1-1/2"-C	23	210,44	220	0,96	60
D-1-1/2"-C	23	204,81	220	0,93	68
D-1-1/2"-C	23	199,48	220	0,91	75

4.

REJILLAS REDONDAS DE 1 1/2"					
	Nº REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
V-1-1/2"-R	6	216,30	220	98,32%	45
V-1-1/2"-R	6	209,82	220	95,37%	60
V-1-1/2"-R	6	206,21	220	93,73%	68
V-1-1/2"-R	6	202,94	220	92,25%	75
V-1-1/2"-R	8	217,48	220	98,86%	45
V-1-1/2"-R	8	215,10	220	97,77%	60
V-1-1/2"-R	8	207,38	220	94,27%	68
V-1-1/2"-R	8	200,44	220	91,11%	75
H-1-1/2"-R	14	182,91	220	83,14%	45
H-1-1/2"-R	14	206,93	220	94,06%	60
H-1-1/2"-R	14	205,90	220	93,59%	68
H-1-1/2"-R	14	204,86	220	93,12%	75
H-1-1/2"-R	16	198,32	220	90,15%	45
H-1-1/2"-R	16	212,55	220	96,61%	60
H-1-1/2"-R	16	207,63	220	94,38%	68
H-1-1/2"-R	16	203,12	220	92,33%	75
D-1-1/2"-R	22	219,91	220	99,96%	45
D-1-1/2"-R	22	210,44	220	95,66%	60
D-1-1/2"-R	22	204,81	220	93,09%	68
D-1-1/2"-R	22	199,48	220	90,67%	75
D-1-1/2"-R	24	208,85	220	94,93%	45
D-1-1/2"-R	24	211,53	220	96,15%	60
D-1-1/2"-R	24	213,21	220	96,91%	68
D-1-1/2"-R	24	214,85	220	97,66%	75

5.

5.1

Primer filtro más eficientes de 1"					
	Nº Rejilla	Caudal aforado	Caudal de diseño	angulo de inclinacion	eficiencia rejilla
V-1"-R	4	205,234123	220	75	93,29%
V-1"-R	4	208,744324	220	68	94,88%
V-1"-R	4	212,819532	220	60	96,74%
V-1"-R	4	219,288506	220	45	99,68%
H-1"-R	12	208,920	220	75	94,96%
H-1"-R	12	211,145	220	68	95,97%
H-1"-R	12	213,750	220	60	97,16%
H-1"-R	12	218,837	220	45	99,47%
D-1"-R	20	214,018155	220	75	97,28%
D-1"-R	20	214,272407	220	68	97,40%
D-1"-R	20	214,565429	220	60	97,53%
D-1"-R	20	215,124417	220	45	97,78%

5.2

REJILLAS DE 1 1/2" SEGÚN SU SENTIDO.					
	Nº REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
V-1-1/2"-R	8	206,14	220	93,70%	45
V-1-1/2"-R	8	206,18	220	93,72%	60
V-1-1/2"-R	8	206,32	220	93,78%	68
V-1-1/2"-R	8	205,99	220	93,63%	75
H-1-1/2"-R	16	198,32	220	90,15%	45
H-1-1/2"-R	16	212,55	220	96,61%	60
H-1-1/2"-R	16	207,63	220	94,38%	68
H-1-1/2"-R	16	203,12	220	92,33%	75
D-1-1/2"-R	24	208,85	220	94,93%	45
D-1-1/2"-R	24	211,53	220	96,15%	60
D-1-1/2"-R	24	213,21	220	96,91%	68
D-1-1/2"-R	24	214,85	220	97,66%	75

5.3

REJILLAS DE 1" SEGÚN FORMA

	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
D-1"-C	19	208,89	220	94,95%	45
D-1"-C	19	208,16	220	94,62%	60
D-1"-C	19	207,95	220	94,52%	68
D-1"-C	19	207,89	220	94,49%	75
D-1"-C	20	215,12	220	97,78%	45
D-1"-C	20	214,57	220	97,53%	60
D-1"-C	20	214,27	220	97,40%	68
D-1"-C	20	214,02	220	97,28%	75

5.4

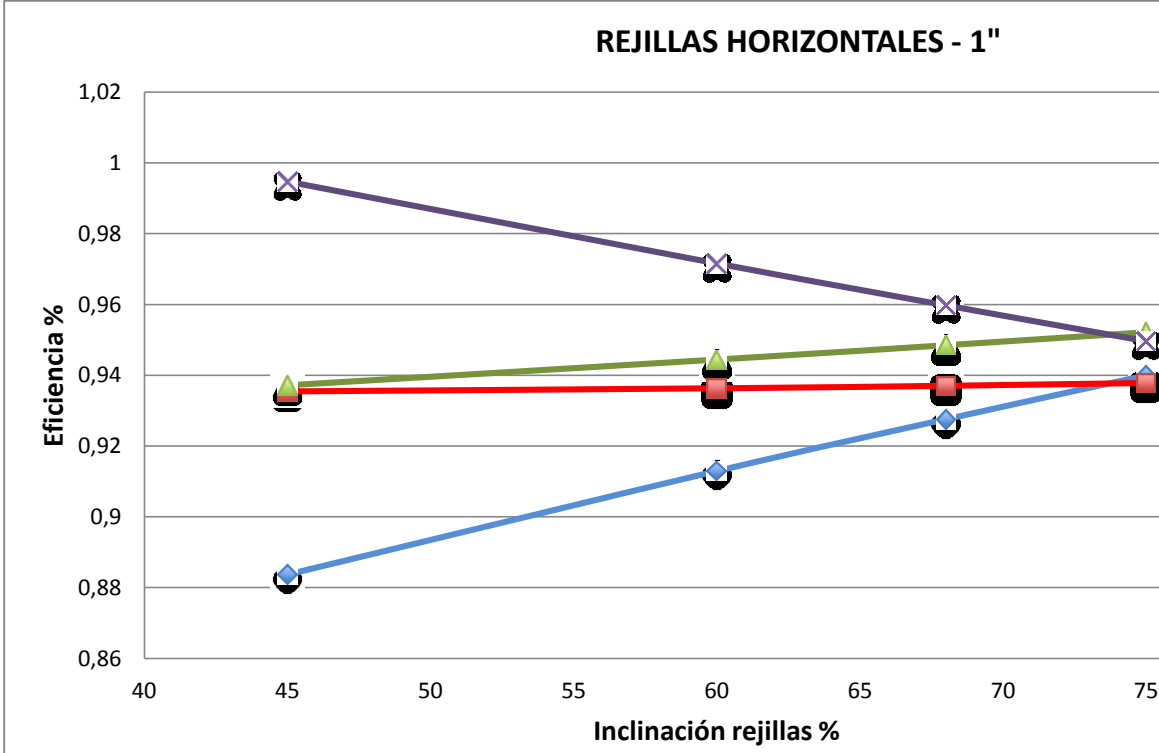
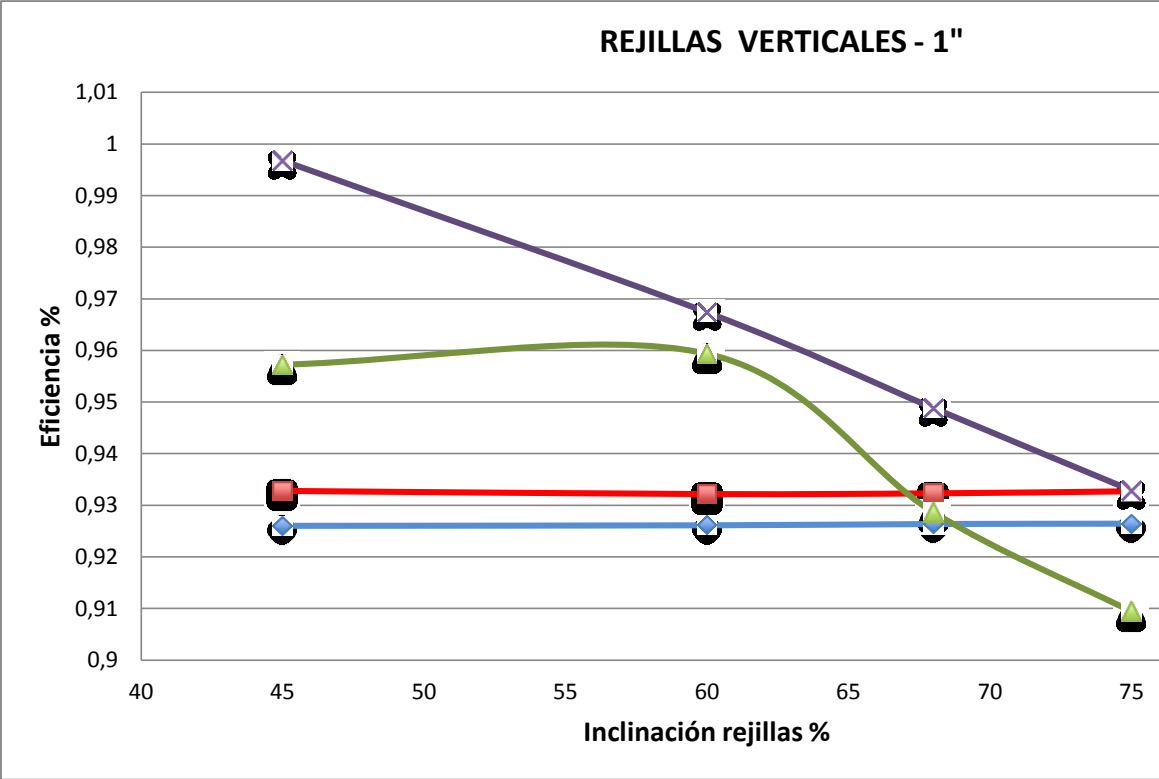
REJILLAS DE 1 1/2" SEGÚN FORMA					
	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
D-1-1/2"-C	23	219,91	220	99,96%	45
D-1-1/2"-C	23	210,44	220	95,66%	60
D-1-1/2"-C	23	204,81	220	93,09%	68
D-1-1/2"-C	23	199,48	220	90,67%	75
D-1-1/2"-R	24	208,85	220	94,93%	45
D-1-1/2"-R	24	211,53	220	96,15%	60
D-1-1/2"-R	24	213,21	220	96,91%	68
D-1-1/2"-R	24	214,85	220	97,66%	75

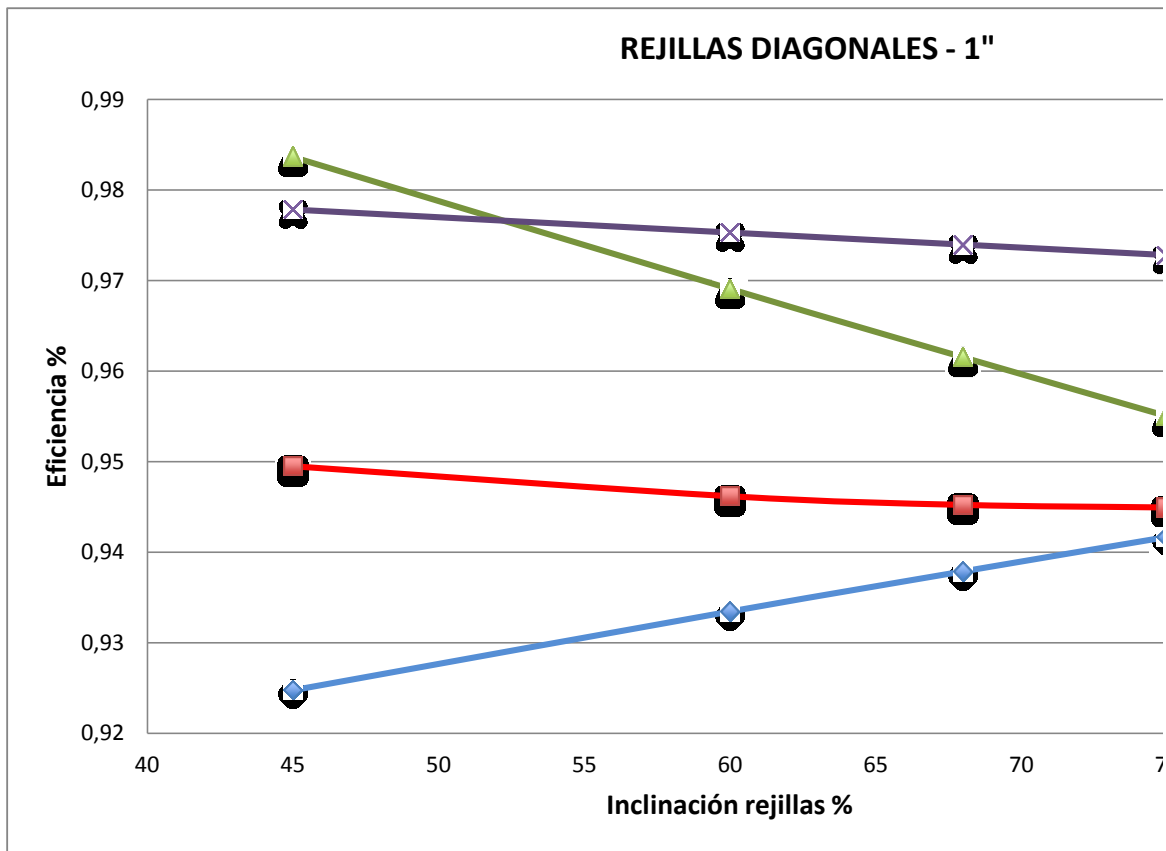
6

	N° REJILLA	CAUDAL AFORADO	CAUDAL DE DISEÑO	EFICIENCIA REJILLA	ANGULO INCLINACIÓN
D-1"-R	20	215,12	220	0,98	45
D-1"-R	20	214,57	220	0,98	60
D-1"-R	20	214,27	220	0,97	68

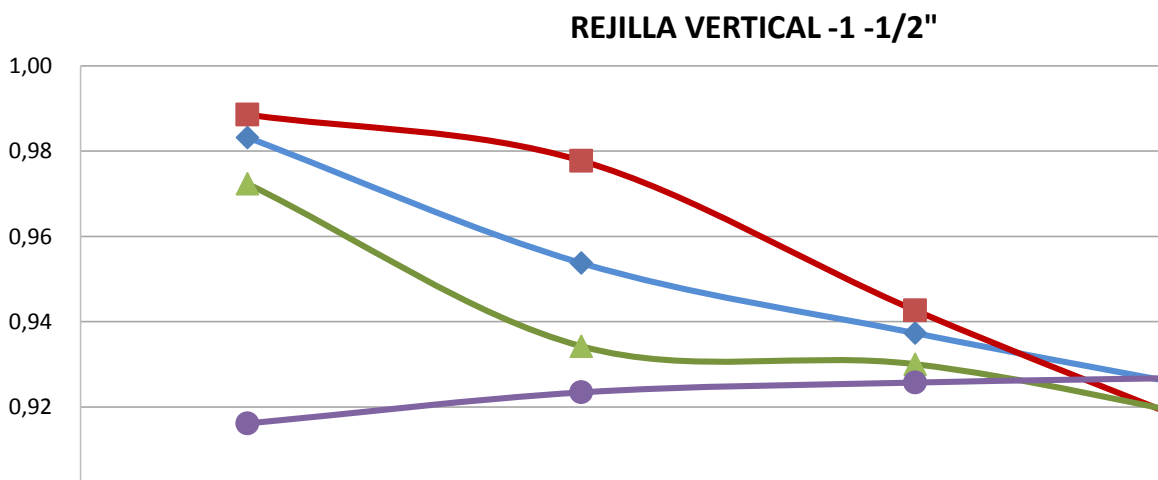
D-1"-R	20	214,02	220	0,97	75
D-1-1/2"-R	24	208,85	220	0,95	45
D-1-1/2"-R	24	211,53	220	0,96	60
D-1-1/2"-R	24	213,21	220	0,97	68
D-1-1/2"-R	24	214,85	220	0,98	75

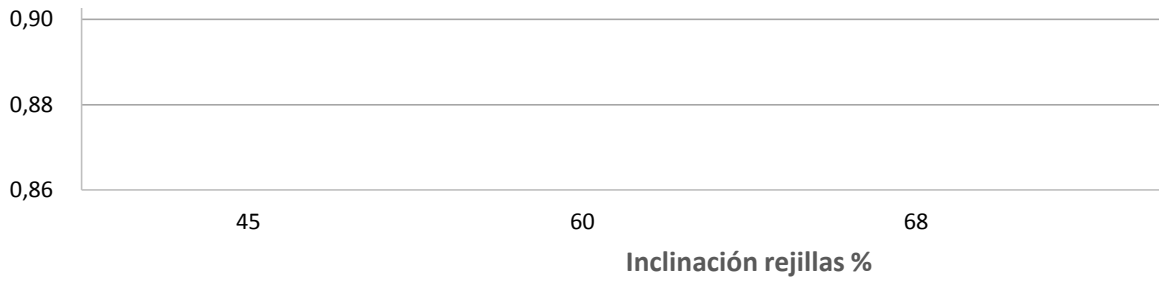
upo 1 rejillas 1" según dirección.



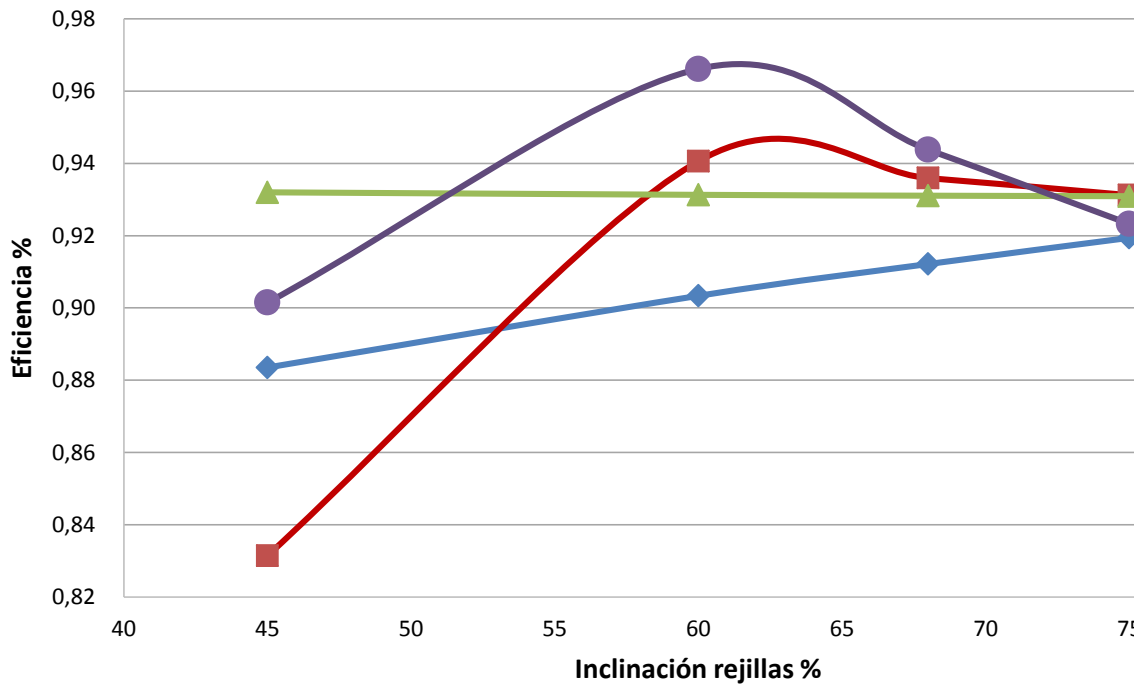


tipo 2 rejillas 1 1/2" según dirección.

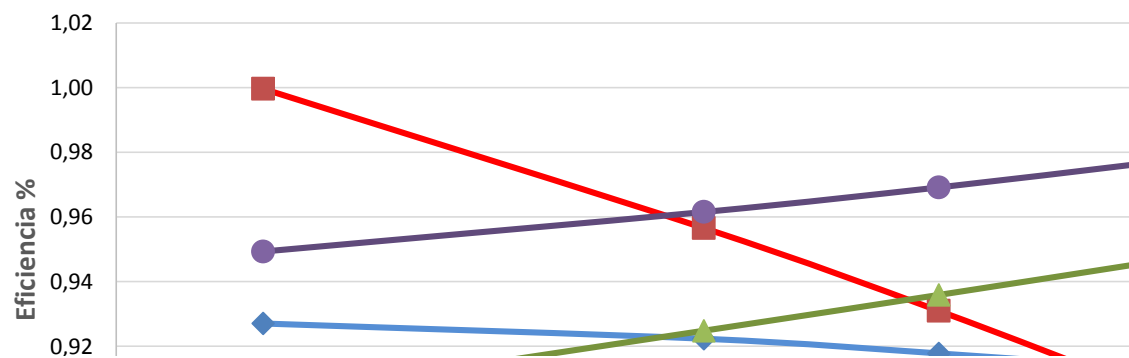


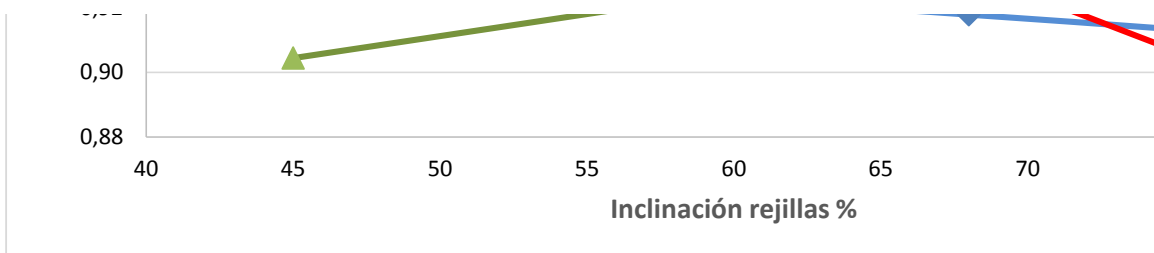


REJILLAS HORIZONTALES - 1-1/2"

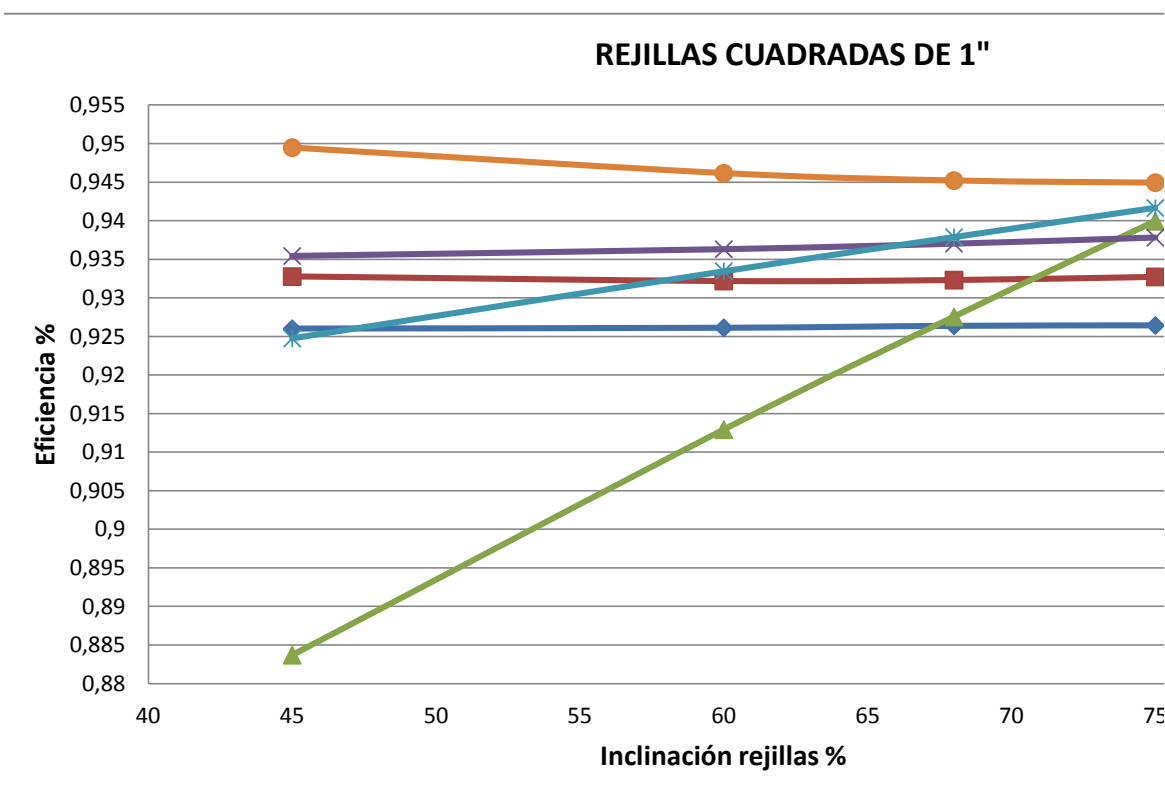


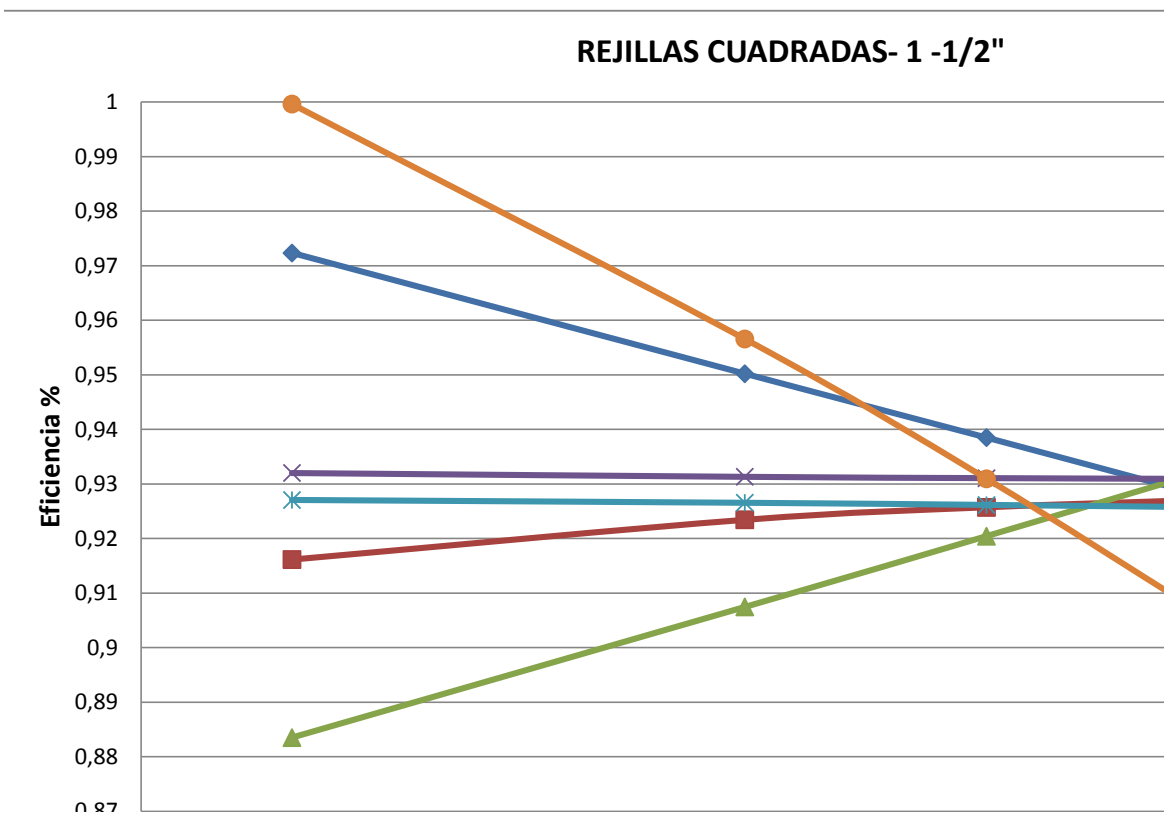
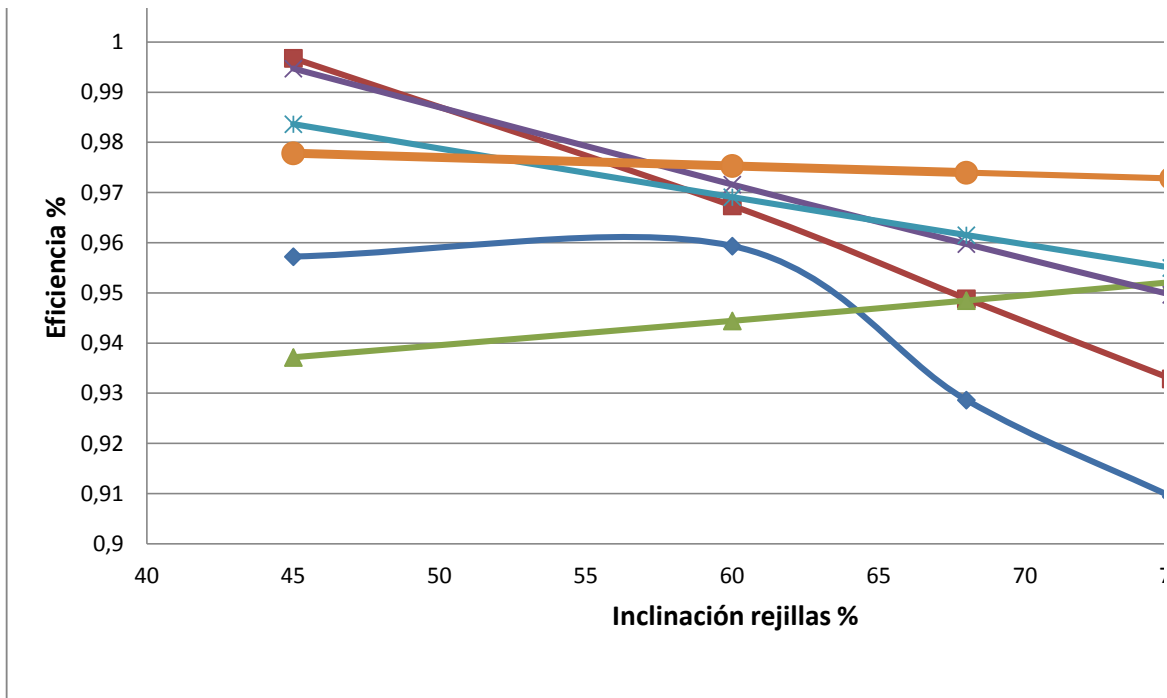
REJILLAS DIAGONALES 1-1/2"

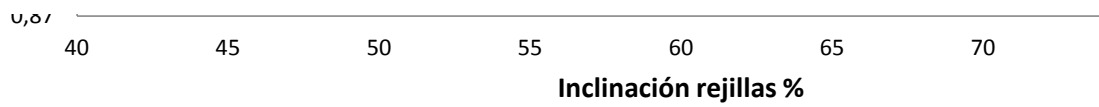




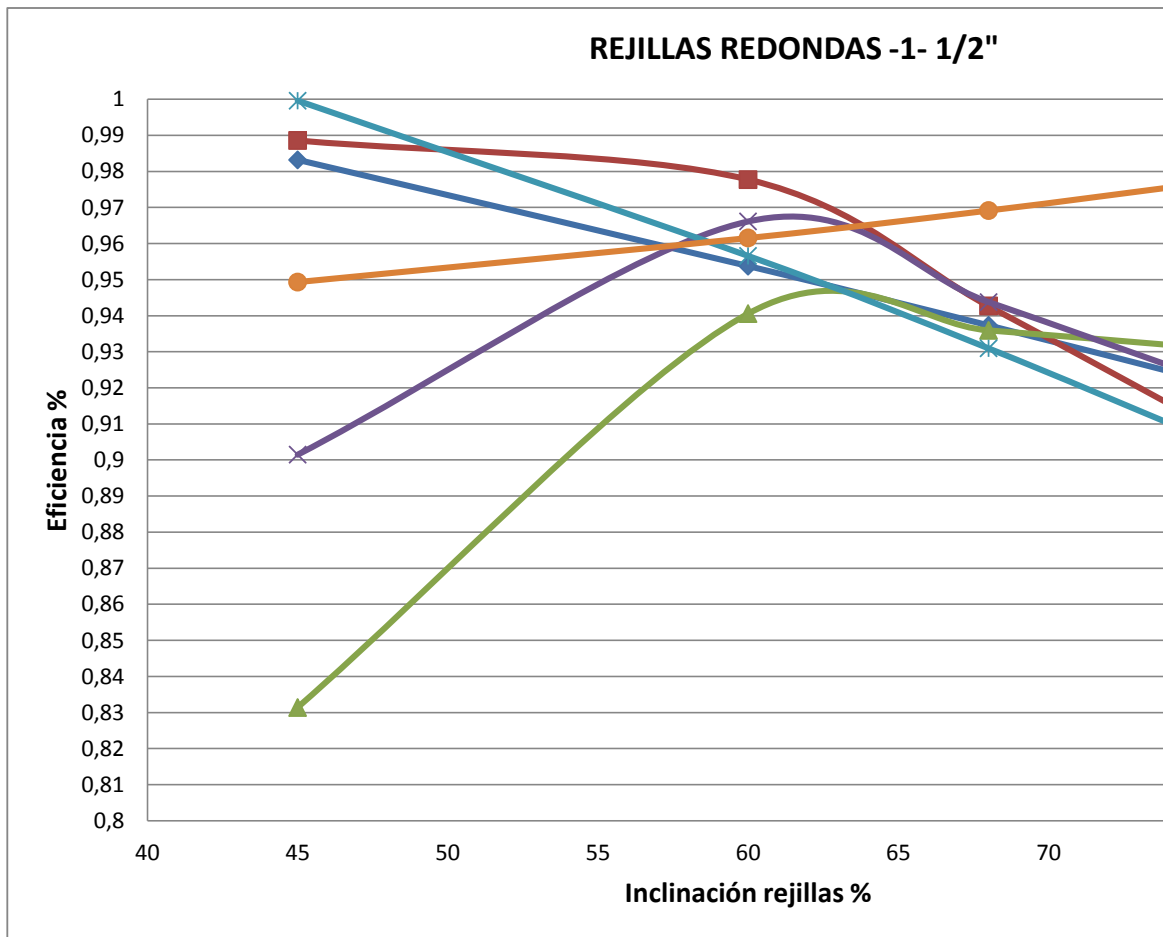
Grupo 3 rejillas 1" según su diámetro.





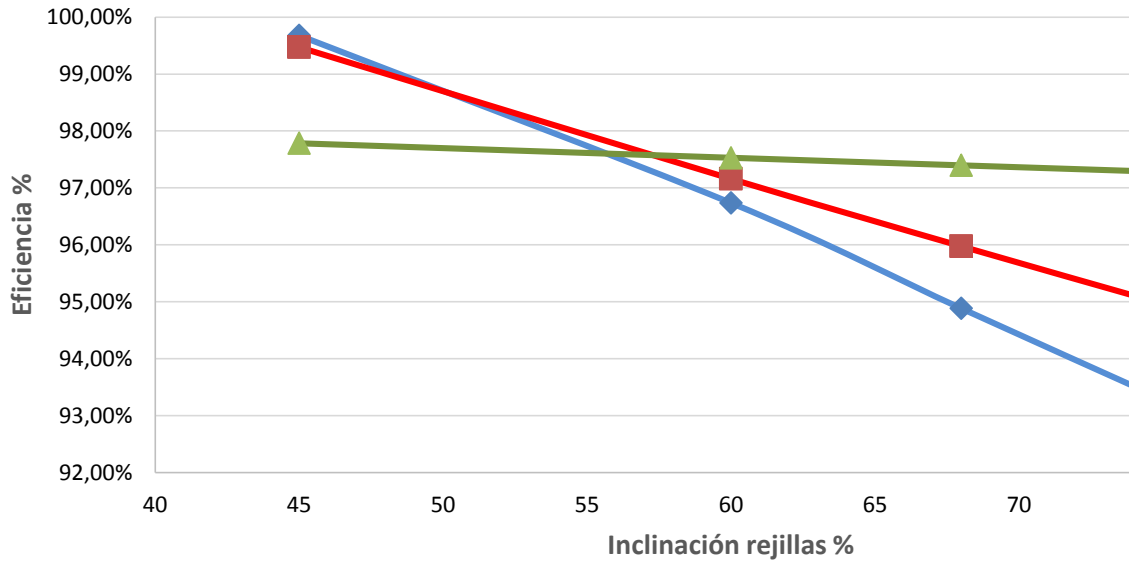


Grupo 4 rejillas 1 1/2" según diámetro



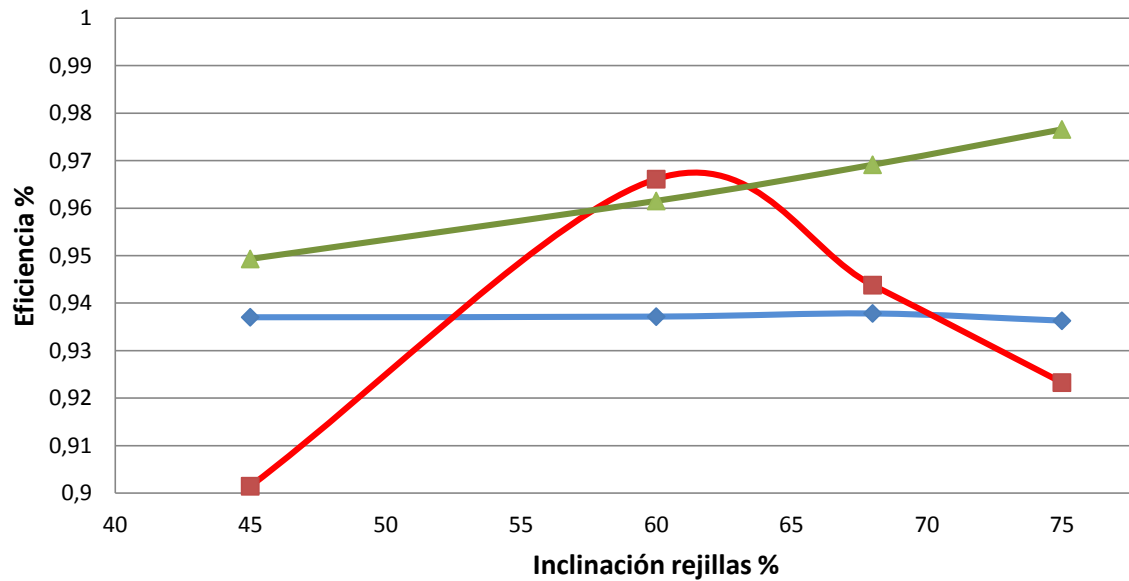
Grupo 5, rejillas más eficientes de acuerdo grupo 1, 2, 3 ,
Rejilla más eficientes de grupo 1

REJILLAS MÁS EFICIENTES GRUPO 1



Rejilla más eficientes de grupo 2

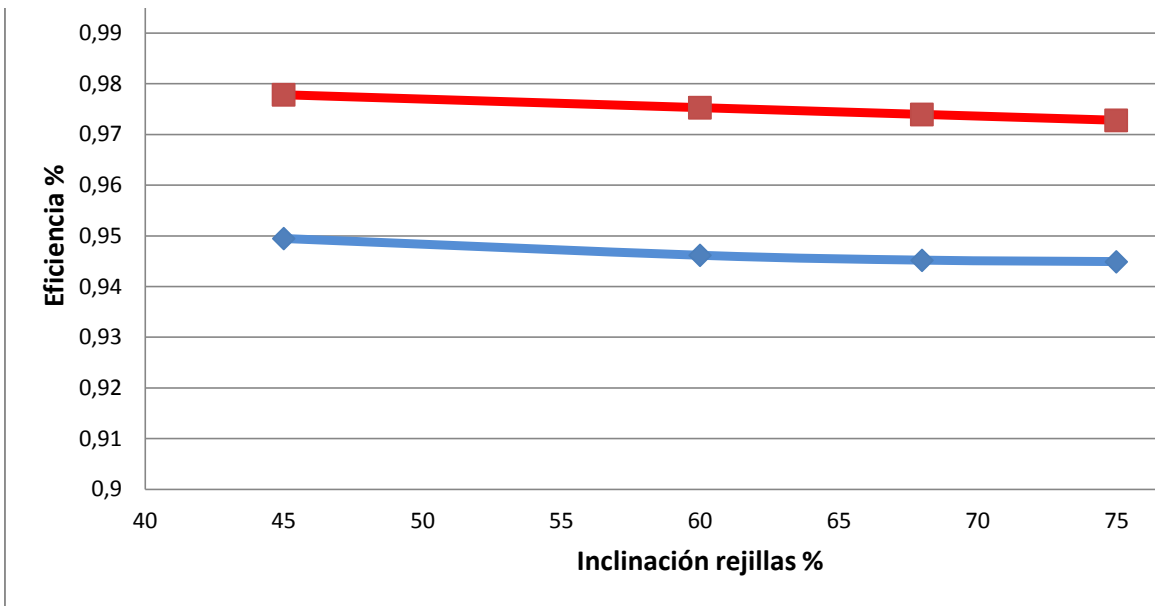
REJILLAS MÁS EFICIENTES GRUPO 2



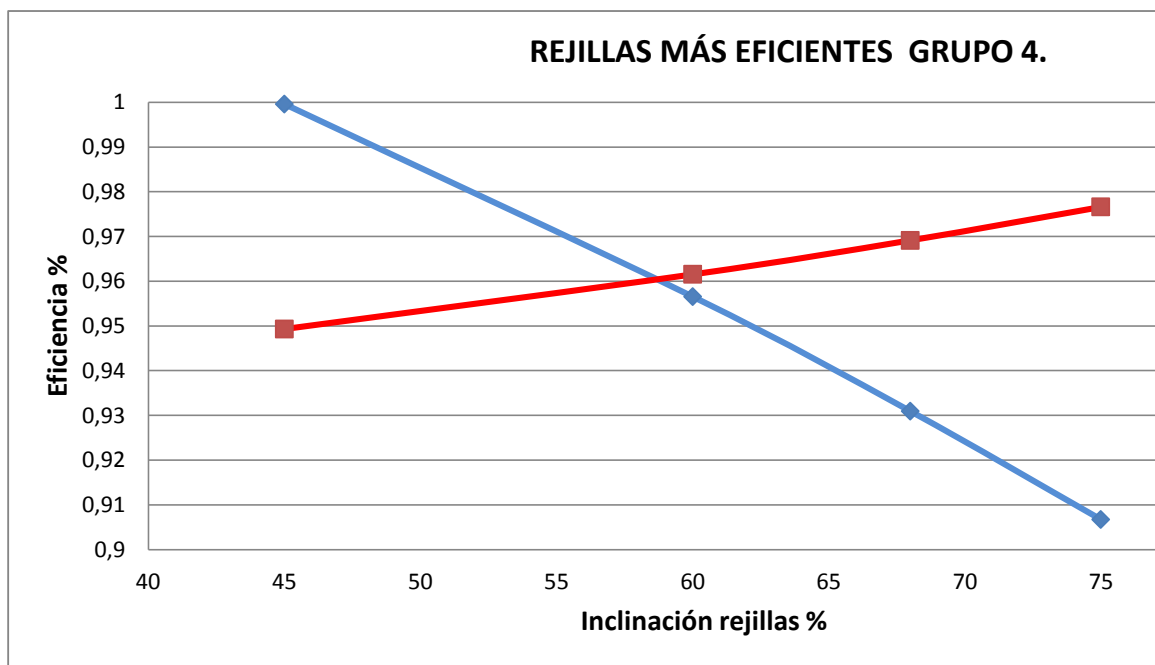
Rejilla más eficientes de grupo 3

REJILLAS MÁS EFICIENTES GRUPO 3

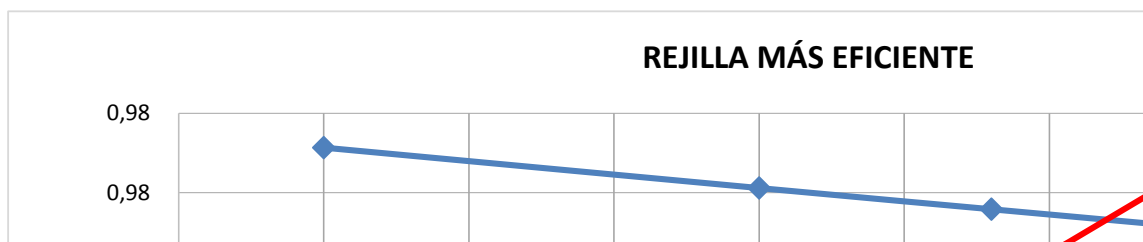
1

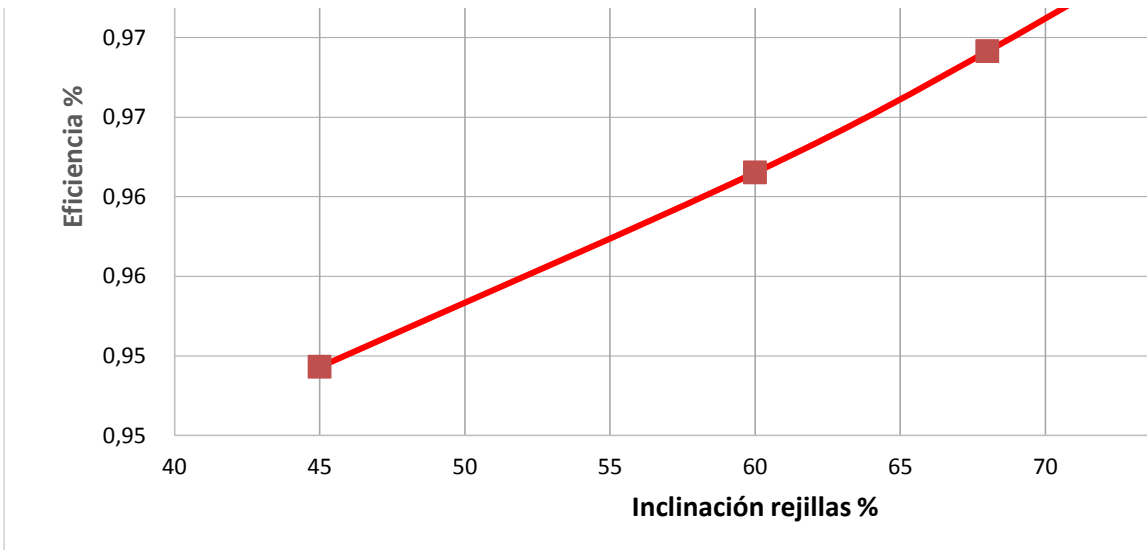


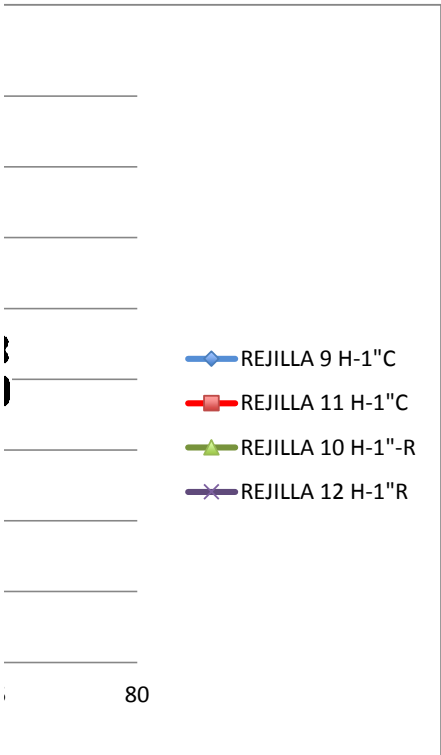
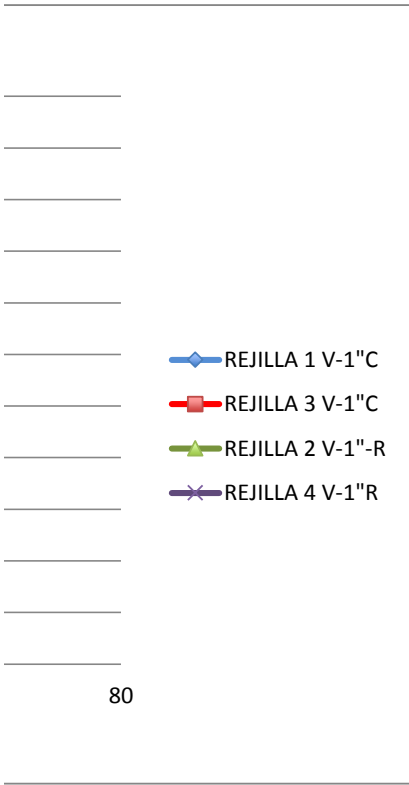
Rejilla más eficientes de grupo 4

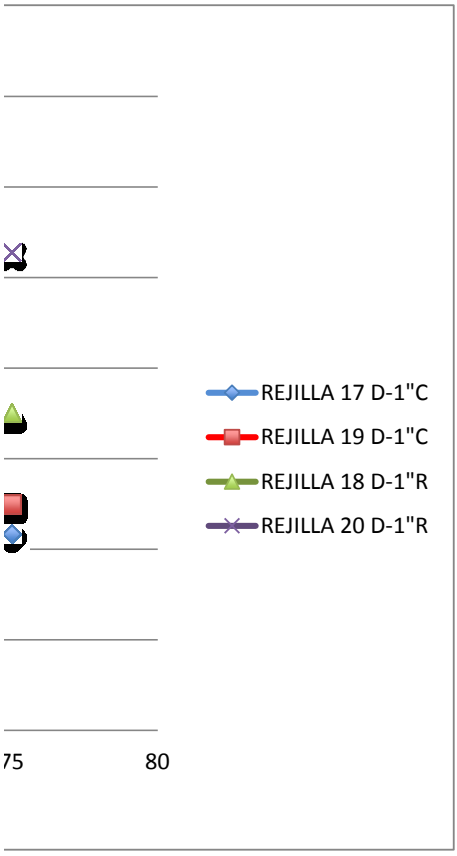


Rejilla más eficiente

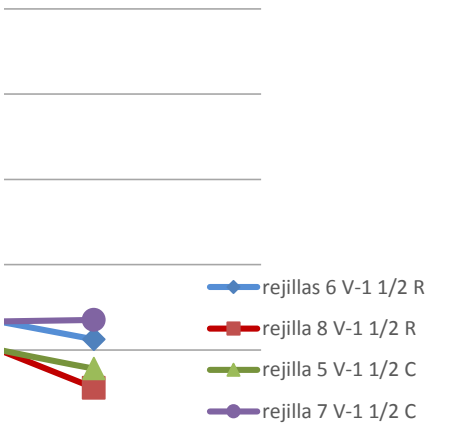


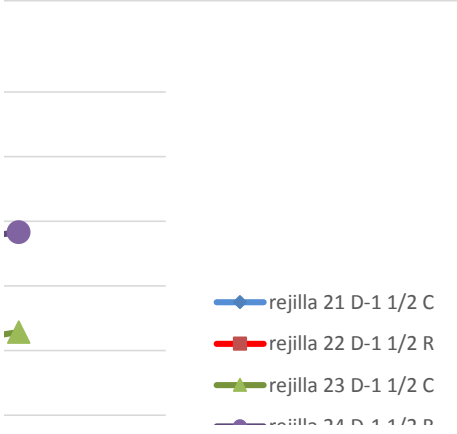
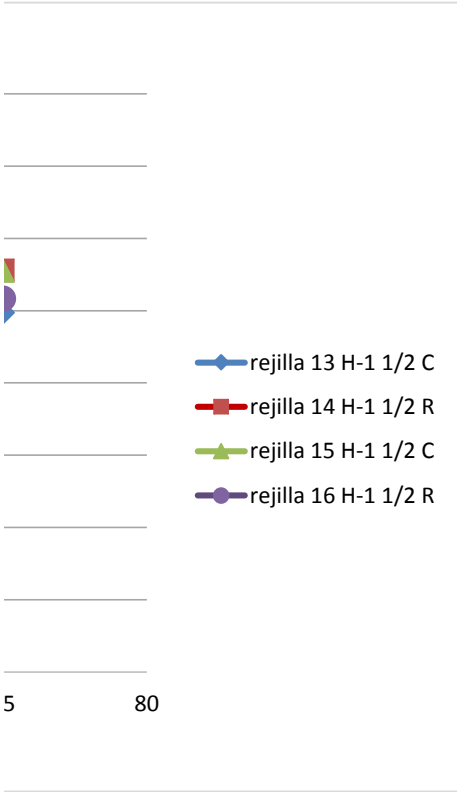


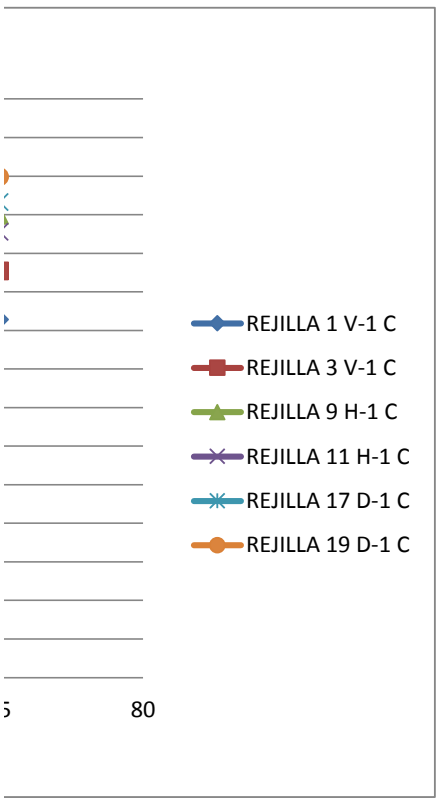


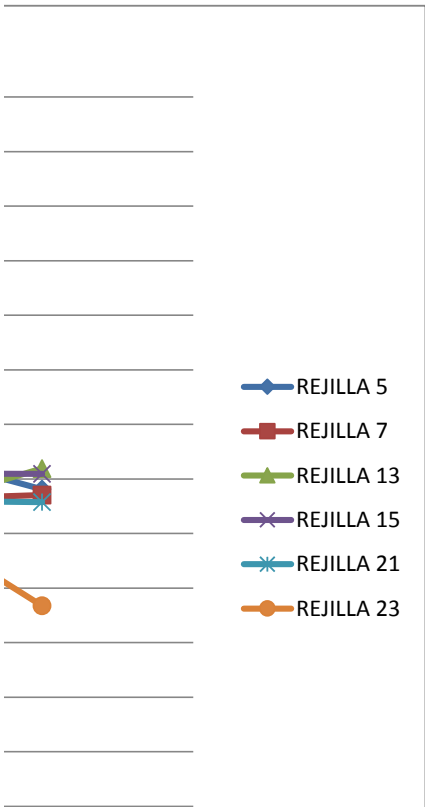
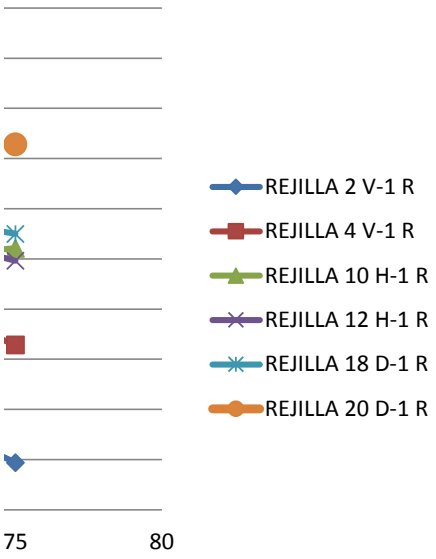


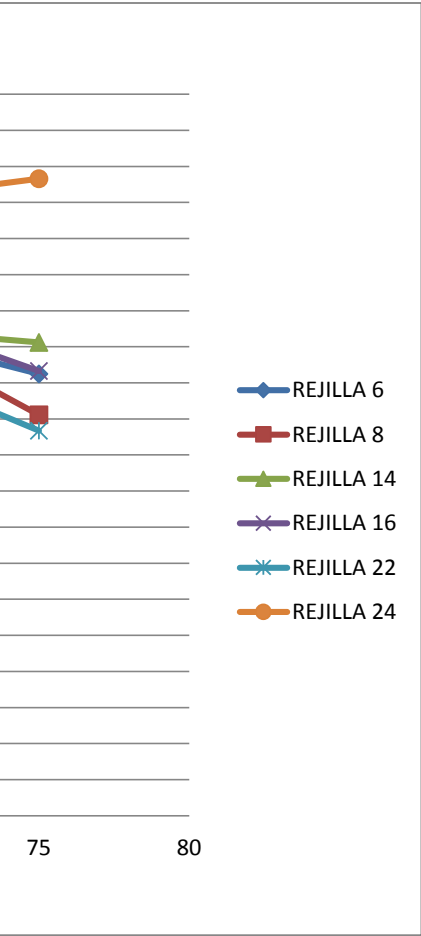
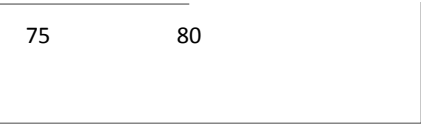
Inclinación rejillas %

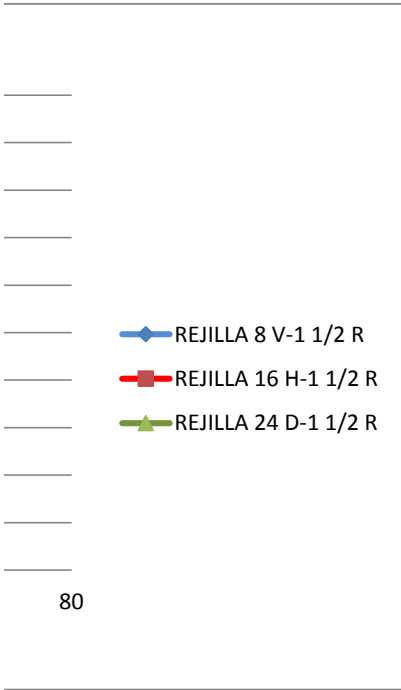
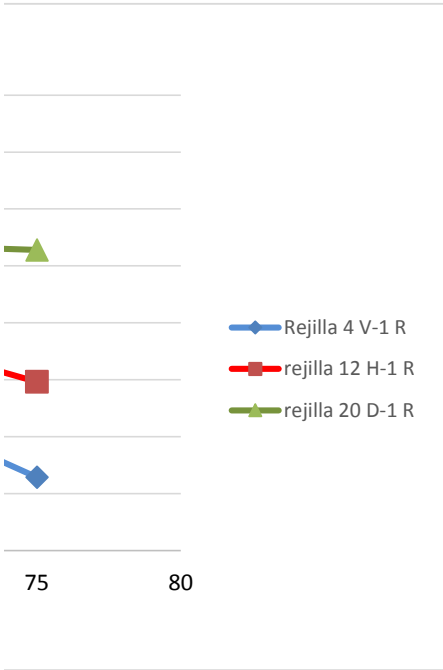


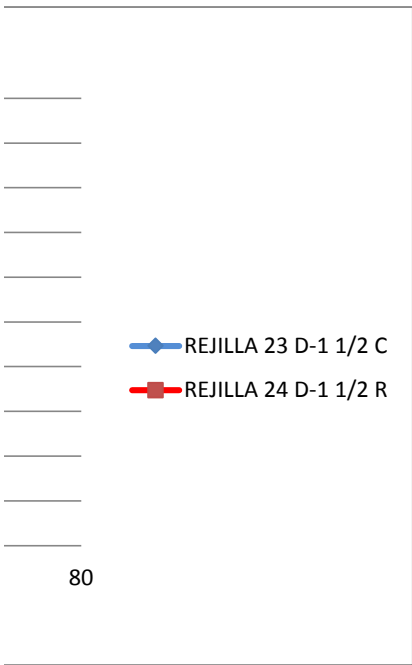
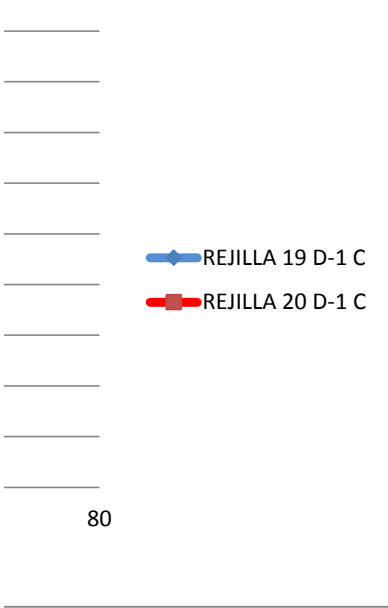


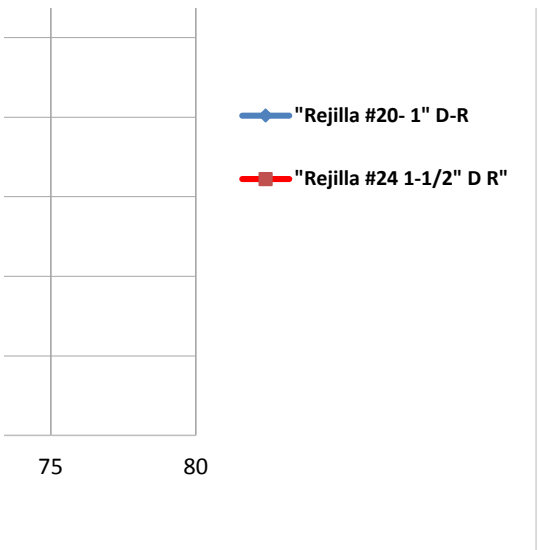












La rejilla más eficiente para un caudal inferior a 220 LPS corresponde al número 20, con las siguientes características.

REJILLA #20

1" Diagonal		Ø
L	22,40	cm
B	5,80	cm
Barras	27	un
Espacios	28	un
Inclinación	60°	