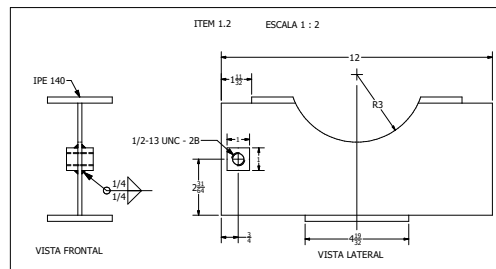
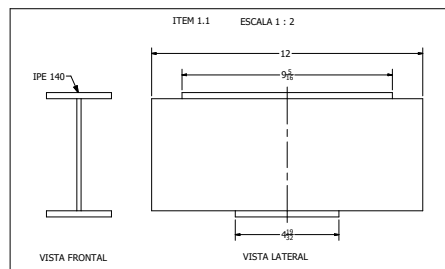
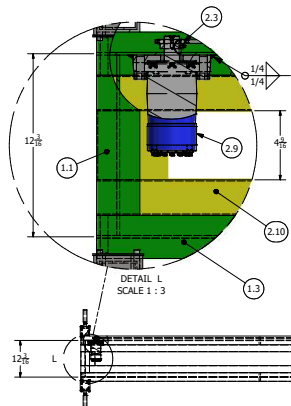
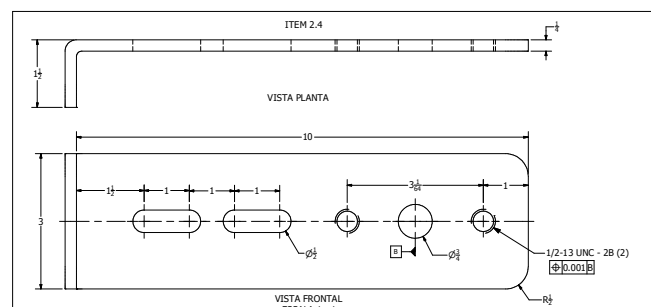
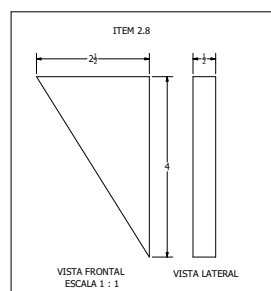
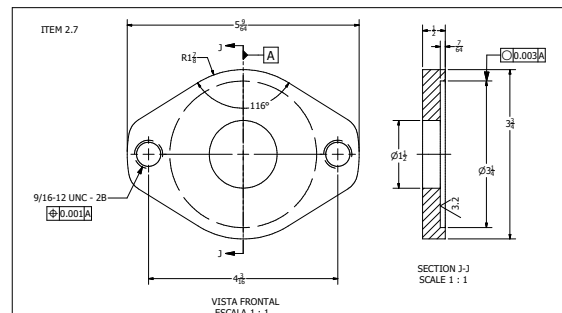
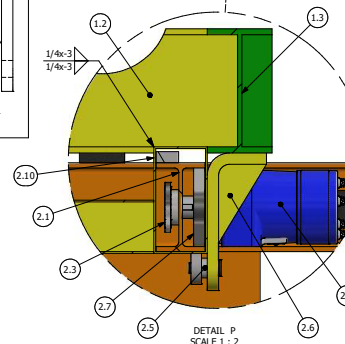
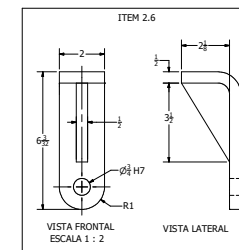
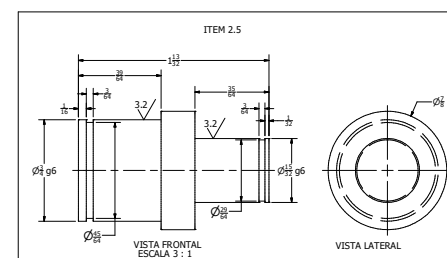
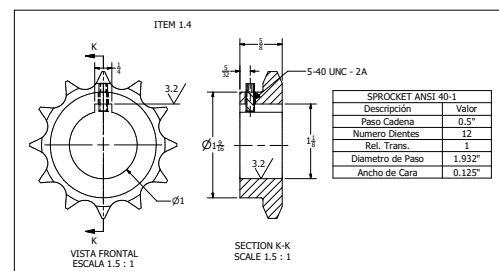
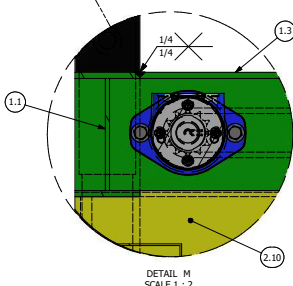
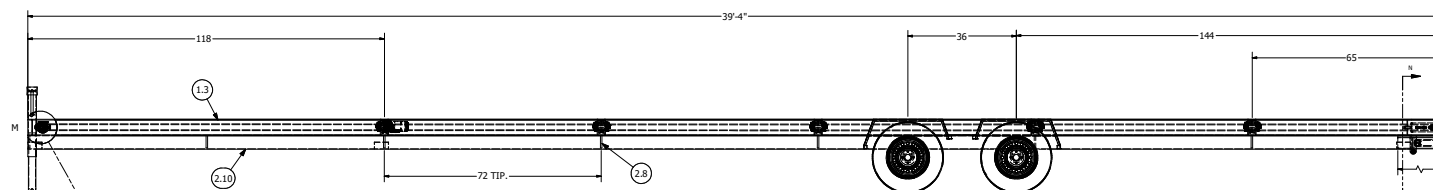
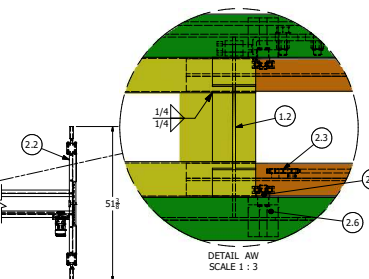


DIMENSIONES EN PULGADAS!

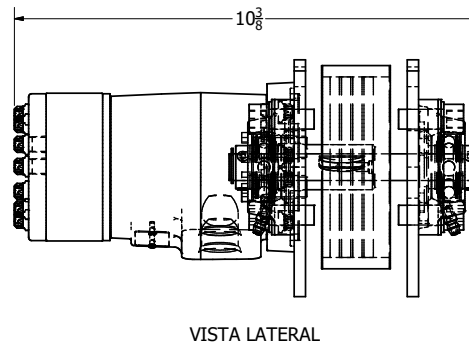
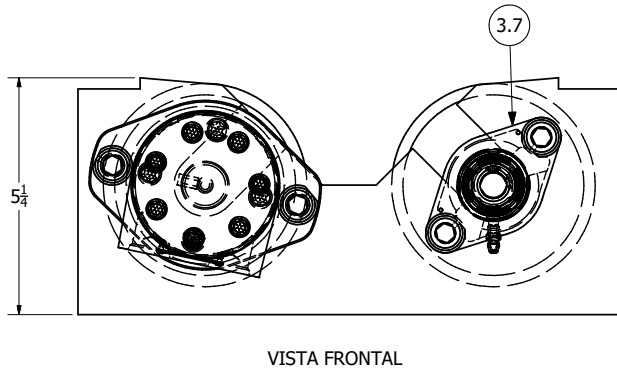
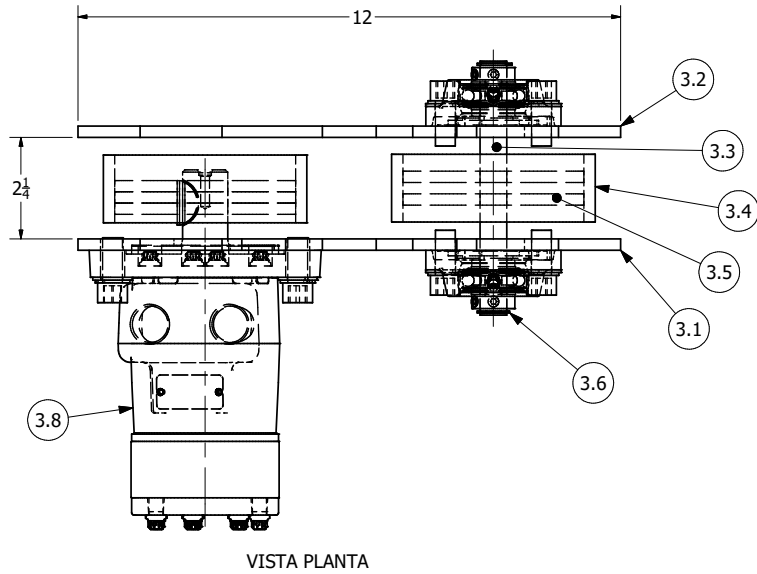


LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
1.1	1	IPE 140 TRANSVERSAL DER.	Acero Carbon
1.2	1	IPE 140 TRANSVERSAL IZQ.	Acero Carbon
2	2	IPE 140 PRINCIPAL LAV. EXT.	Acero Carbon
1.4	2	SPROCKET PARA CADENA ANSI 40-1	Acero Carbon
2.1	1	IPE 140 PRINCIPAL LAV. INT.	Acero Carbon
2.2	1	IPE 140 TRANSVERSAL LAV. INT.	Acero Carbon
2.3	2	SPROCKET PARA CADENA ANSI 40-1	Acero Carbon
2.4	2	PLATINA TENSIONADOR CADENA 1/2"	Acero Carbon
2.5	2	EJE RODILLO ROD. SKF 626	Acero Carbon
2.6	2	PLATINA SOPORTE RIEL LAV. INT.	Acero Carbon
2.7	2	SOPORTE MOTOR PLATINA 1/2"	Acero Carbon
2.8	12	PLATINA APOYO RIEL 1/2"	Acero Carbon
2.9	2	MOTOR CHAS LYNN 10-1029-090	Acero Carbon
3	1	PERIL CUMPRADO 1x20x60x2mm	Acero Carbon

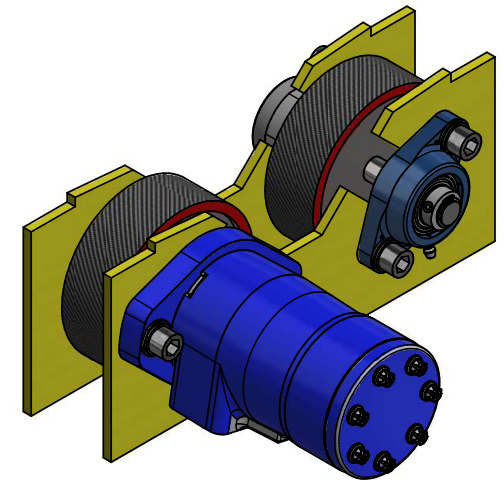


ELABORADO	15/08/2020		
CARLOS A. BALLESTEROS			
REVISADO		TITULO	
QA			
MRG			LAVADORA DE TUBERIA PORTABLE
APROBADO			
		HOJA A0	NOMBRE PLANO ENSAMBLE GENERAL
			
		ESCALA	

DIMENSIONES EN PULGADAS!

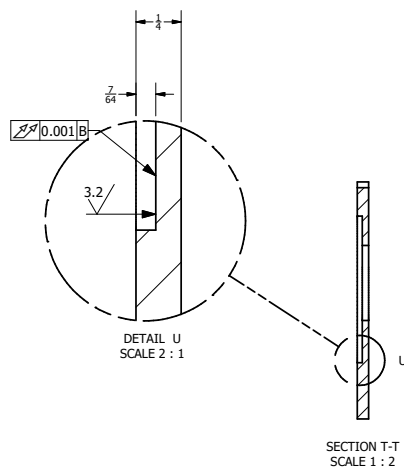


LISTA DE PARTES			
ITEM	CANT.	DESCRIPCION	MATERIAL
3.1	1	Platina Apoyo Motor	Acero Carbon
3.2	9	Platina Apoyo Rodamientos	Acero Carbon
3.3	9	Eje 15 mm	Acero 1045
3.4	10	Rodillo Tubing 4.5in	Acero Carbon
3.5	21	Tapa Rodillo 4in	Acero Carbon
3.6	18	Seeger 15 mm	Acero Carbon
3.7	18	Rodamiento SKF FYTB 15 TF	
3.8	1	Motor Char Lynn 101-1029-009	

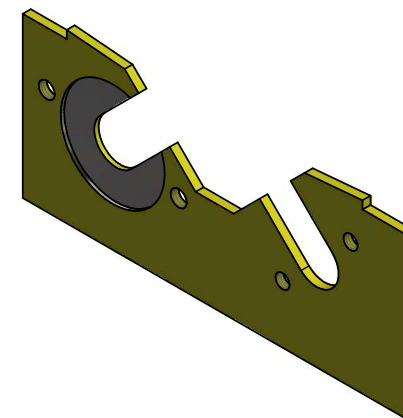
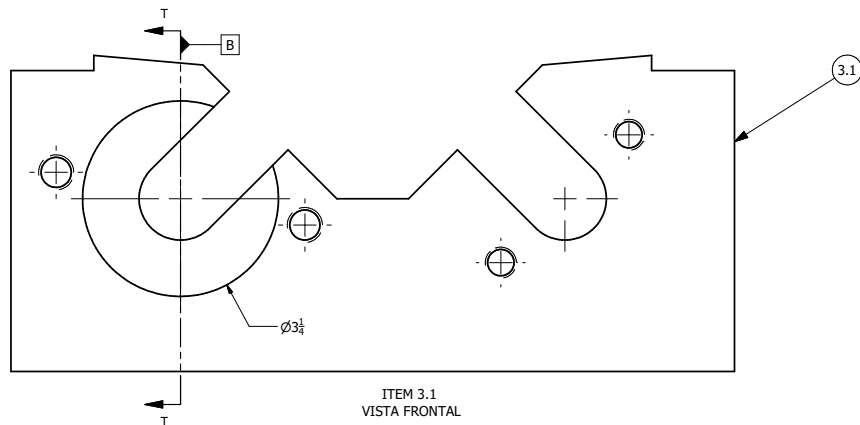


DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE ENSAMBLE SISTEMA RODILLOS	
MFG			
APROBADO		REV	
HOJA A2		ESCALA 1 : 2	HOJA 3 DE 21

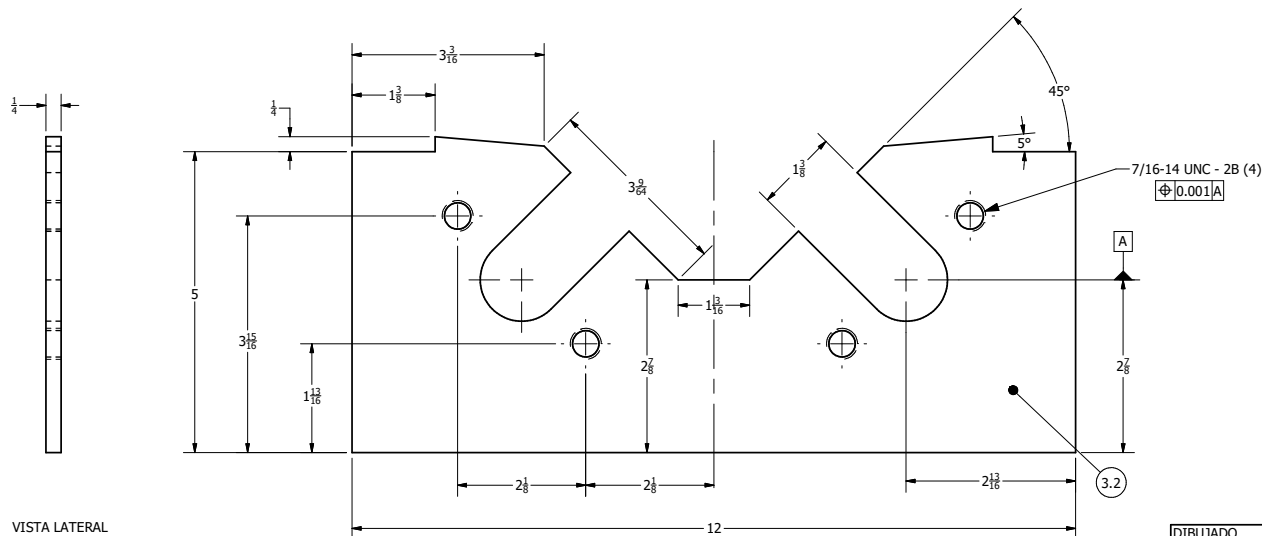
DIMENSIONES EN PULGADAS!



SECTION T-T
SCALE 1 : 2



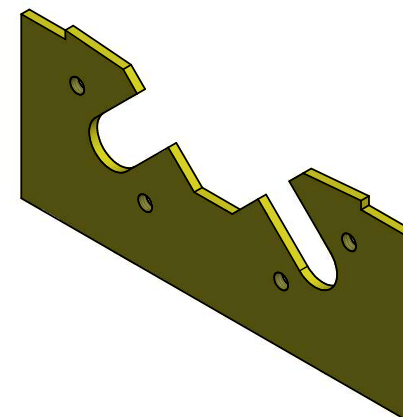
ISOMETRICO



VISTA LATERAL

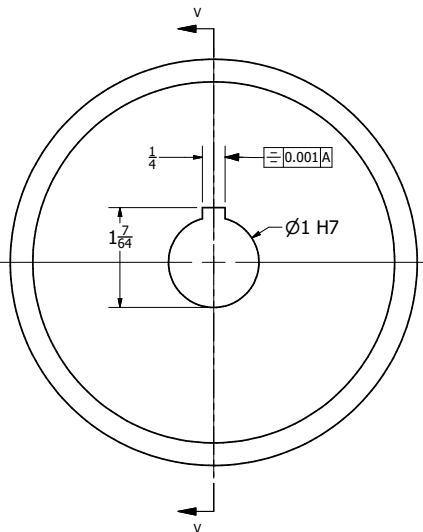
ITEM 3.2
VISTA FRONTAL

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
3.1	1	Platina Apoyo Motor	Acero Carbon
3.2	9	Platina Apoyo Rodamientos	Acero Carbon

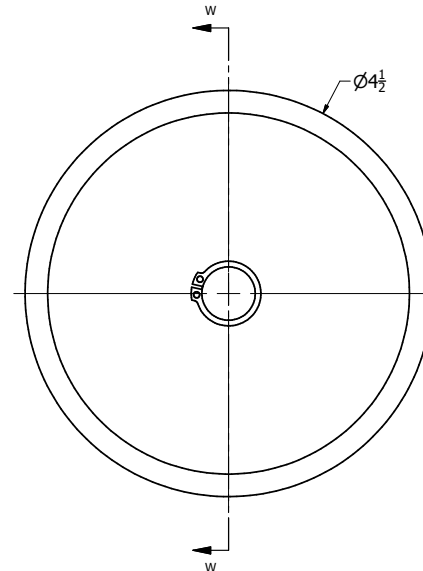


DIBUJADO CARLOS A. BALLESTROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		HOJA A2	
MFG			
APROBADO		ESCALA 1 : 1.5	
		NOMBRE APOYOS SIST. RODILLOS	
		REV	
		HOJA 4 DE 21	

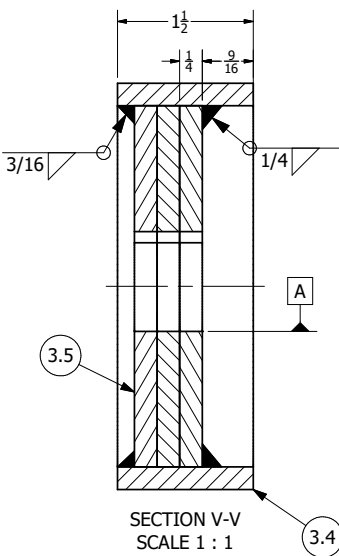
DIMENSIONES EN PULGADAS!



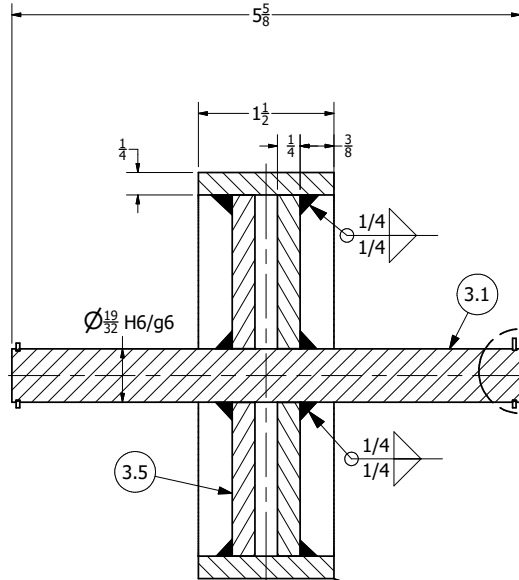
VISTA FRONTAL



VISTA FRONTAL

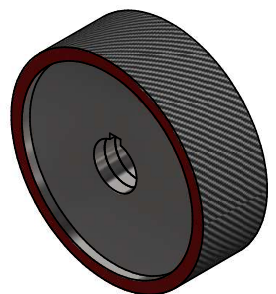


SECTION V-V
SCALE 1 : 1

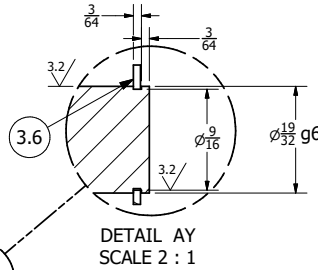
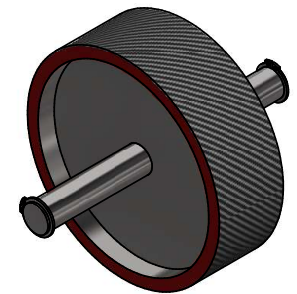


SECTION W-W
SCALE 1 : 1

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
3.3	9	Eje 15 mm	Acero 1045
3.4	10	Rodillo Tubing 4.5in	Acero Carbon
3.5	21	Tapa Rodillo 4in	Acero Carbon
3.6	18	Seeger 15 mm	Acero Carbon
3.7	18	Rodamiento SKF FYTB 15 TF	
3.8	1	Motor Char Lynn 101-1029-009	



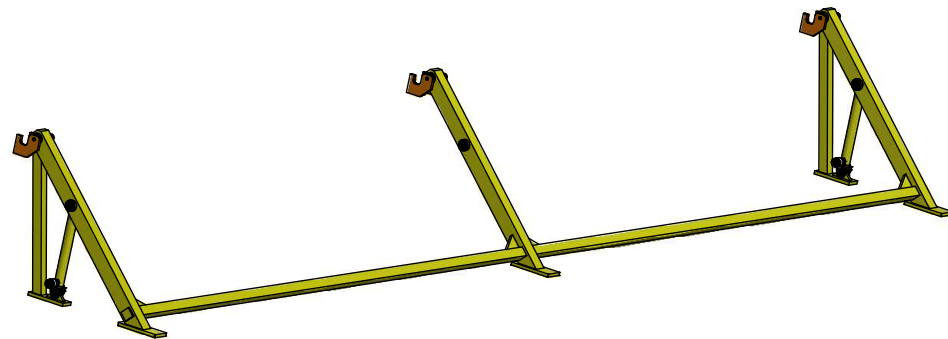
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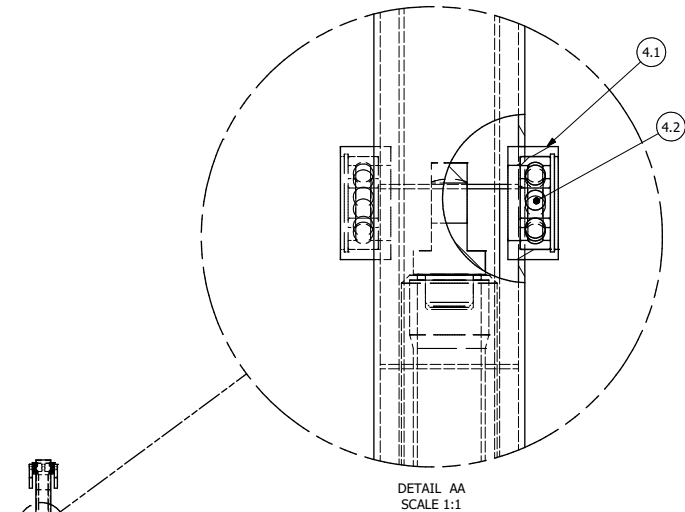
DETAIL AY
SCALE 2 : 1

DIBUJADO CARLOS A. BALLESTROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE RODILLOS GIRATORIOS	
MFG			
APROBADO		REV	
HOJA A2	ESCALA 1 : 1	HOJA 5 DE 21	

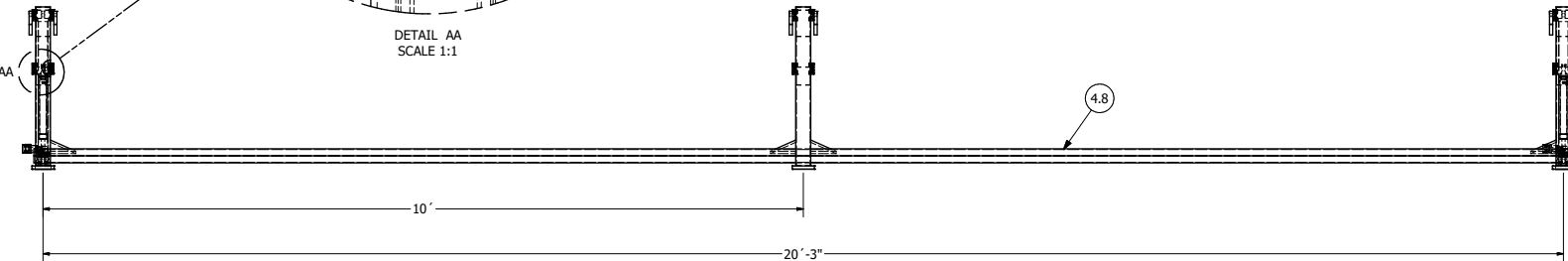
DIMENSIONES EN PULGADAS!



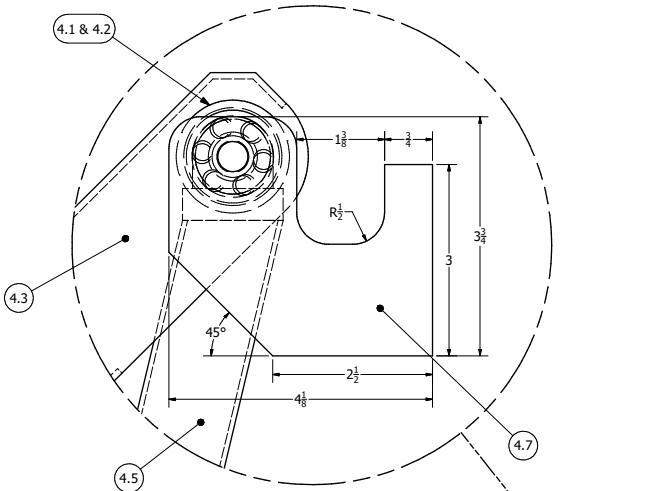
ISOMETRICO



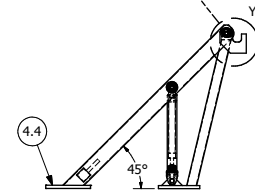
DETAIL AA
SCALE 1:1



VISTA FRONTAL



DETAIL Y
SCALE 1:1



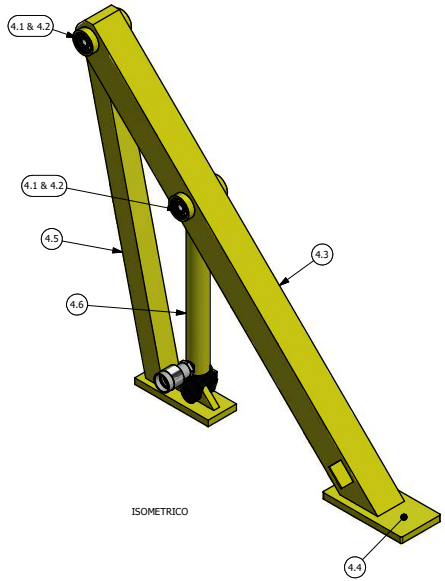
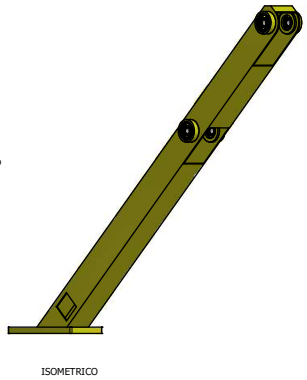
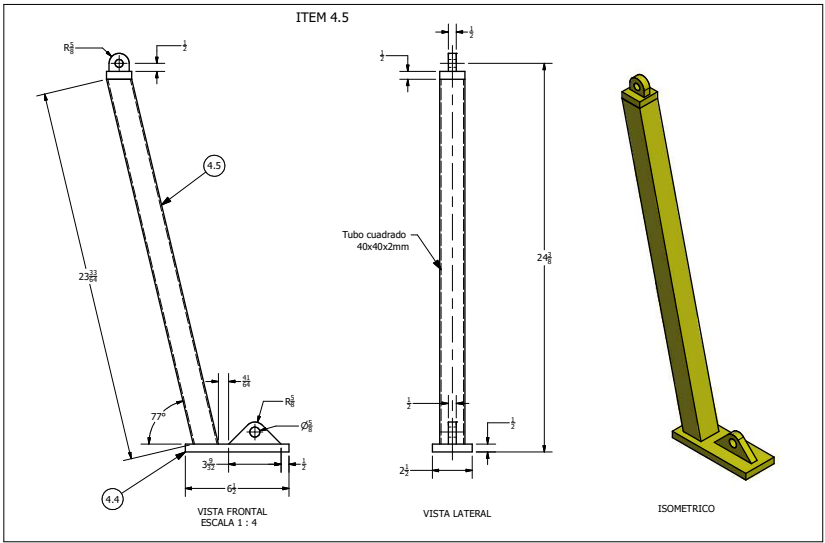
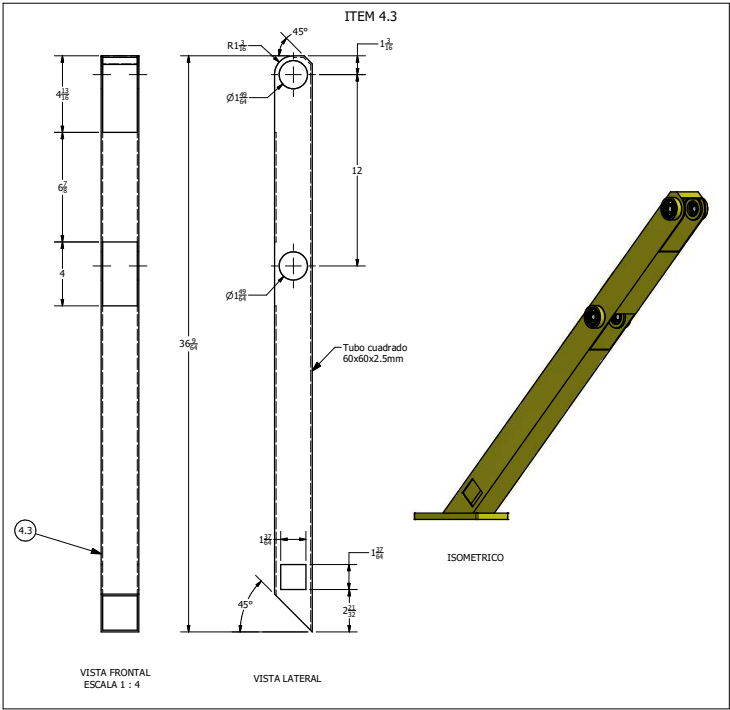
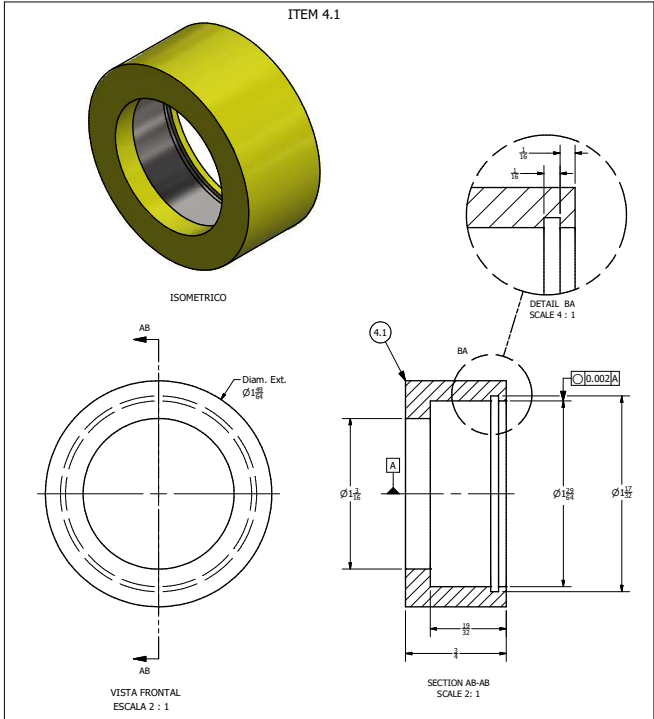
VISTA LATERAL

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
4.1	10	Camisa Diam. 45x20mm Rod. 6301	Acero Carbon
4.2	10	Rodamiento SKF 6301	Acero Inoxidable
4.3	3	Brazo Levantador Tubo Cuadrado 60x60x2.5mm	Acero Carbon
4.4	5	Platina Levantador 1/2"	Acero Carbon
4.5	2	Brazo Levantador Tubo Cuadrado 40x40x2mm	Acero Carbon
4.6	2	Cilindro Enerpac RCS9	Acero Carbon
4.7	6	Soporte Brazo Platina 1/2"	Acero Carbon
4.8	1	Tubo Cuadrado 40x40x2mm	Acero Carbon

DISEÑADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO QA			
MFG		HOJA A1 ESCALA 1:10	
APROBADO			
		INOMBRE ENSAMBLE SISTEMA DE CARGUE	REV A
		HOJA 6 DE 21	

DIMENSIONES EN PULGADAS!

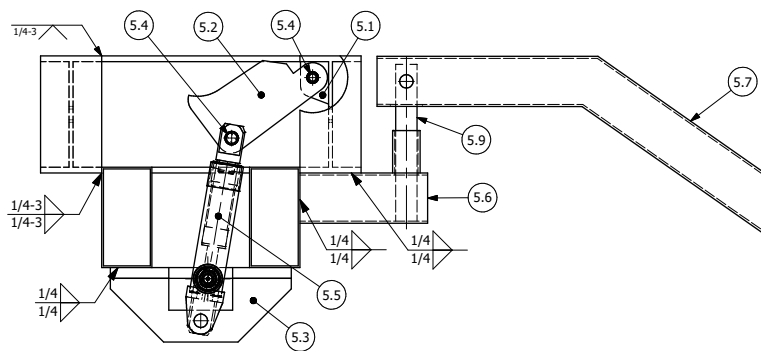
LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
4.1	10	Camisa Diam. 45x20mm Rod. 6301	Acero Carbon
4.2	10	Rodamiento SKF 6301	Acero Inoxidable
4.3	3	Brazo Levantador Tubo Cuadrado 60x60x2.5mm	Acero Carbon
4.4	5	Platina Levantador 1/2"	Acero Carbon
4.5	2	Brazo Levantador Tubo Cuadrado 40x40x2mm	Acero Carbon
4.6	2	Cilindro Enerpac RCS9	Acero Carbon
4.7	6	Soporte Brazo Platina 1/2"	Acero Carbon
4.8	1	Tubo Cuadrado 40x40x2mm	Acero Carbon



DISEÑADO CARLOS A. BALLESTEROS	15/08/2020	TÍTULO	
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA			
MFG			
APROBADO			
		HOJA A1	NOMBRE PLANOS SISTEMA DE CARGUE
		ESCALA INDICADAS	REV A

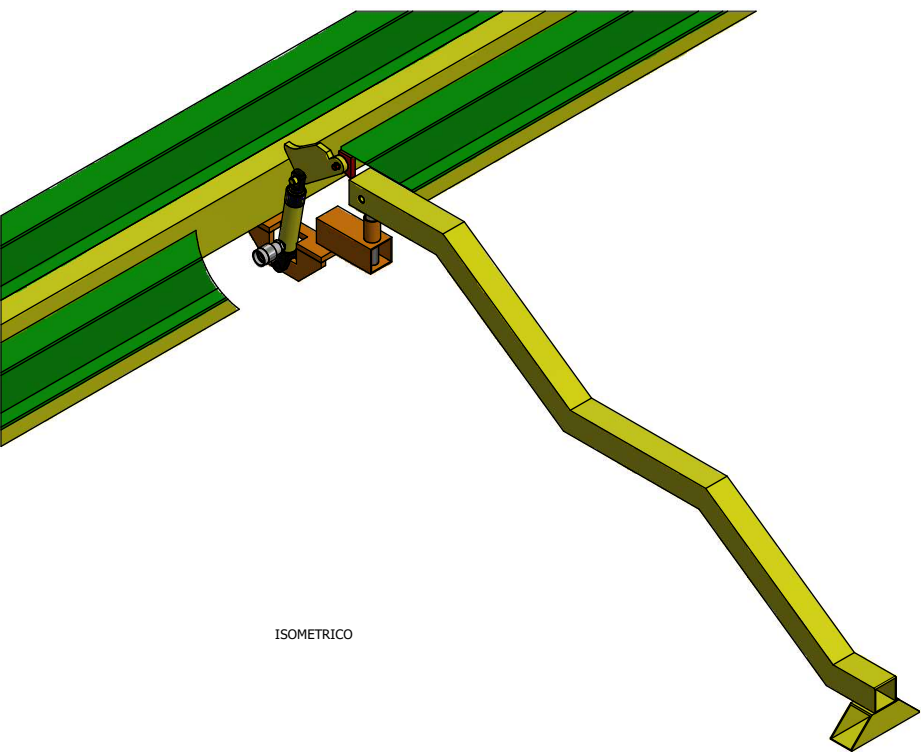
12 11 10 9 8 7 6 5 4 3 2 1

DIMENSIONES EN PULGADAS!



VISTA FRONTAL

LISTA DE PARTES			
ITEM	CANT.	DESCRIPCION	MATERIAL
5.1	2	Apoyo Platina Cil. Hid. 1/2"	Acero Carbon
5.2	2	Brazo Platina Cil. Hid. 1/2"	Acero Carbon
5.3	2	Base Platina Cil. Hid. 1/2"	Acero Carbon
5.4	4	Pasador Eje 16 mm	Acero Carbon
5.5	2	Cilindro Hid. Enerpac RC53	
5.6	2	Apoyo Tubo Cuadrado 60x60x2.5mm	Acero Carbon
5.7	2	Riel Tubo Cuadrado 60x60x2.5mm	Acero Carbon
5.8	2	Pie Tubo Cuadrado 60x60x2.5mm	Acero Carbon
5.9	2	Eje Riel Descarga 1"	Acero 1045

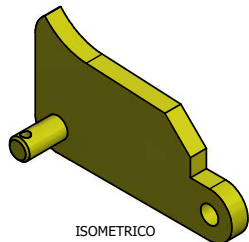


ISOMETRICO

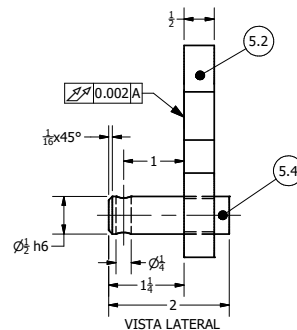
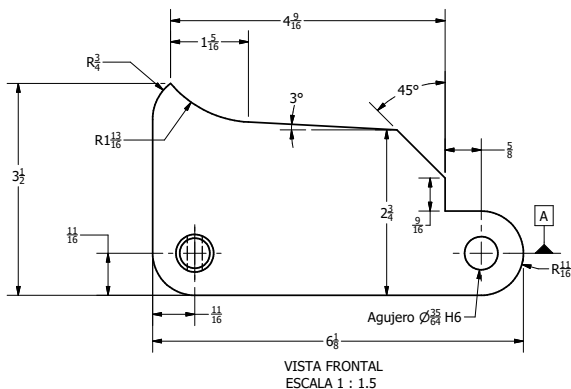
OTBUIJADO	15/08/2020	TITULO	
CARLOS A. BALLESTEROS			
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA			
MFG		HOJA A1 NOMBRE ENSAMBLE SISTEMA DESCARGUE	
APROBADO			
		ESCALA 1:4	REV A
			HOJA 8 DE 21

12 11 10 9 8 7 6 5 4 3 2 1

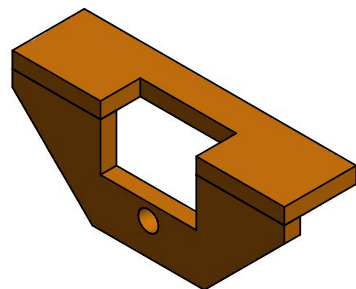
DIMENSIONES EN PULGADAS!



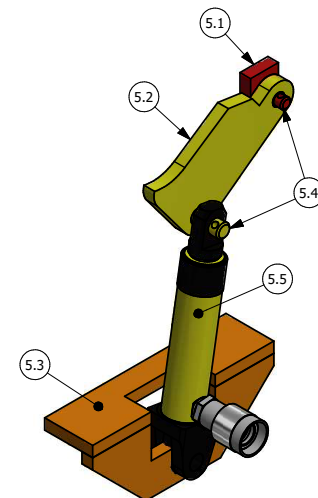
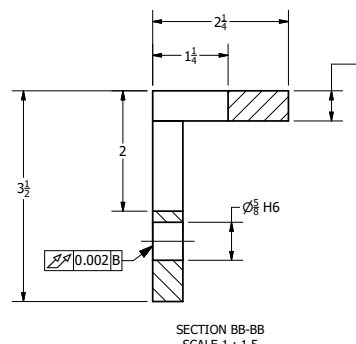
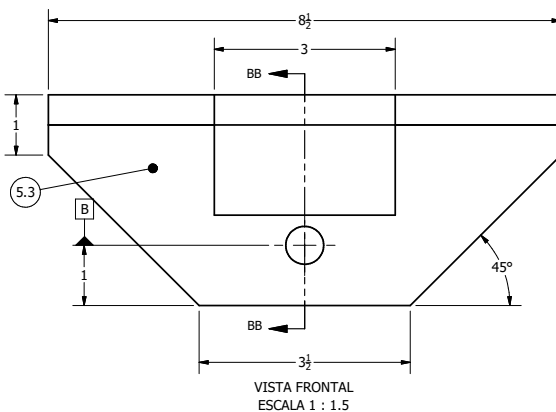
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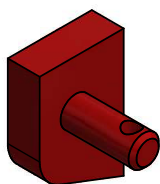
LISTA DE PARTES				
ITEM	QTY	PART NUMBER	MATERIAL	
5.1	2	Apoyo Platina Cil. Hid. 1/2"	Acero Carbon	
5.2	2	Brzo Platina Cil. Hid. 1/2"	Acero Carbon	
5.3	2	Base Platina Cil. Hid. 1/2"	Acero Carbon	
5.4	4	Pasador Eje 1/2"	Acero Carbon	
5.5	2	Cilindro Hid. Enerpac RC53		



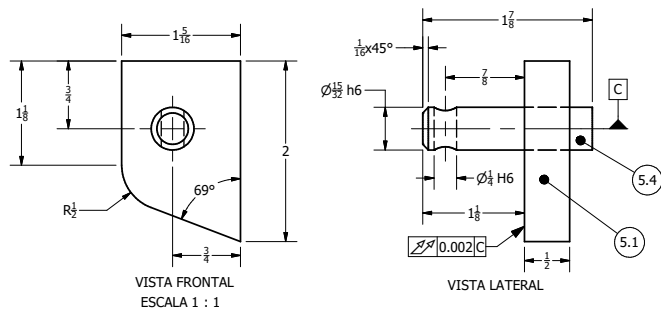
ISOMETRICO



ISOMETRICO



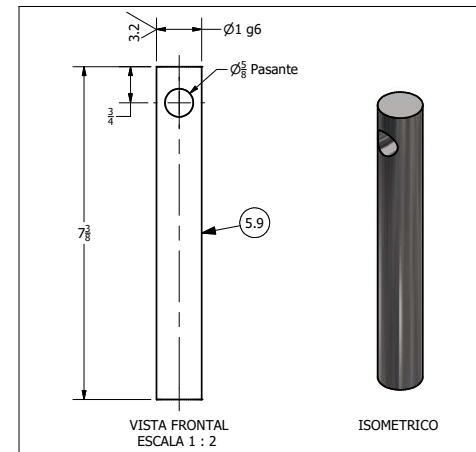
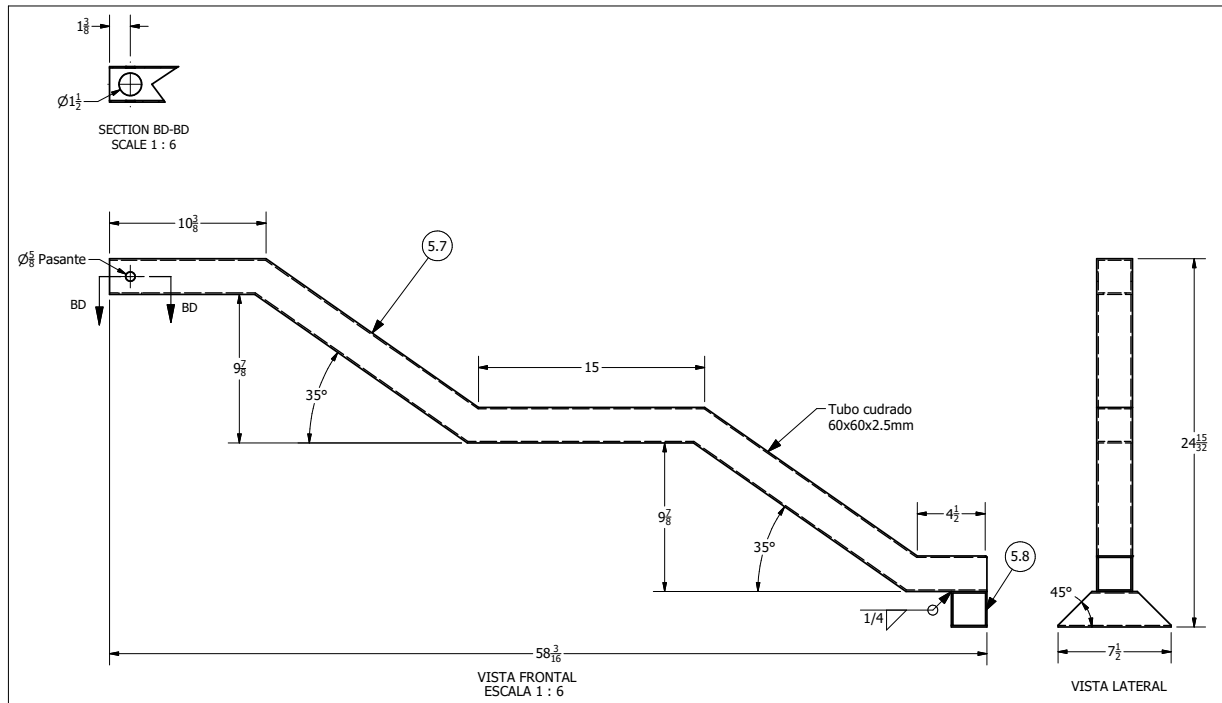
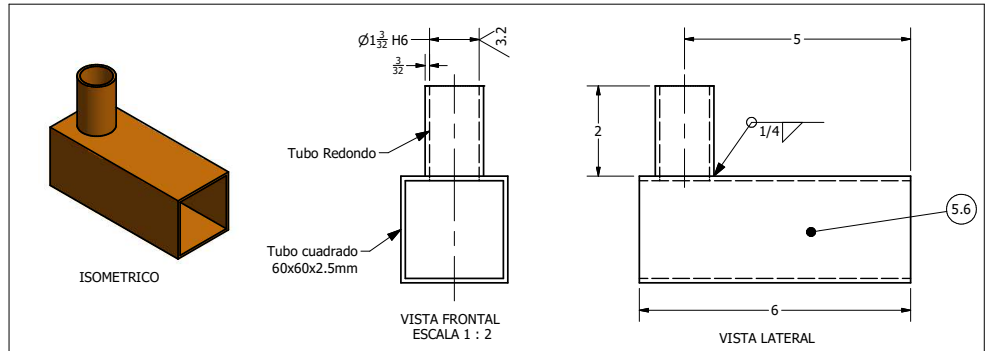
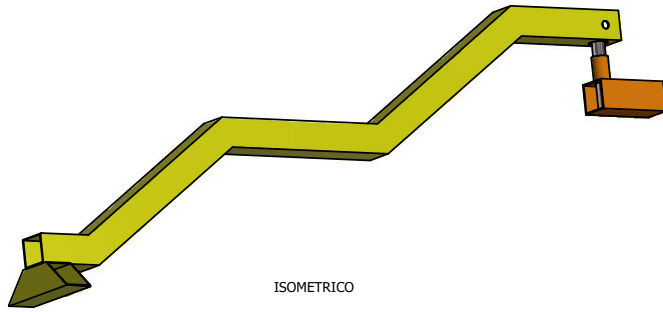
ISOMETRICO



DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO	
REVISADO			
QA		LAVADORA DE TUBERIA PORTABLE	
MFG			
APROBADO			
		HOJA A2	NOMBRE PLANOS BRAZO DESCARGUE
		ESCALA	INDICADAS
			HOJA 9 DE 21

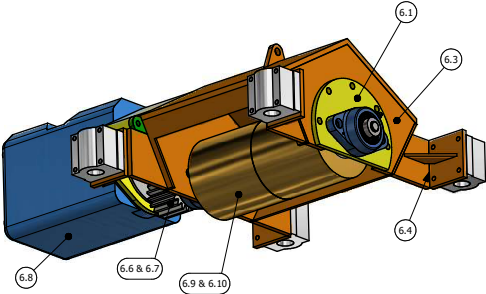
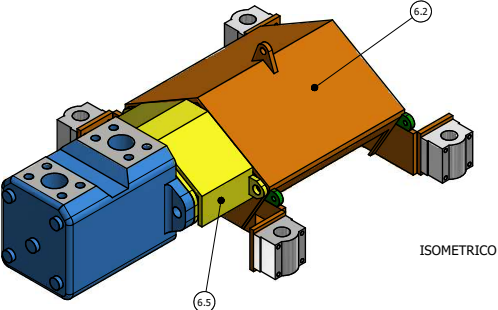
DIMENSIONES EN PULGADAS!

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
5.6	2	Apoyo Tubo cuadrado 60x60x2.5mm	Acero Carbon
5.7	2	Riel Tubo cuadrado 60x60x2.5mm	Acero Carbon
5.8	2	Pie Tubo cuadrado 60x60x2.5mm	Acero Carbon
5.9	2	Eje Riel Descargue 1"	Acero 1045

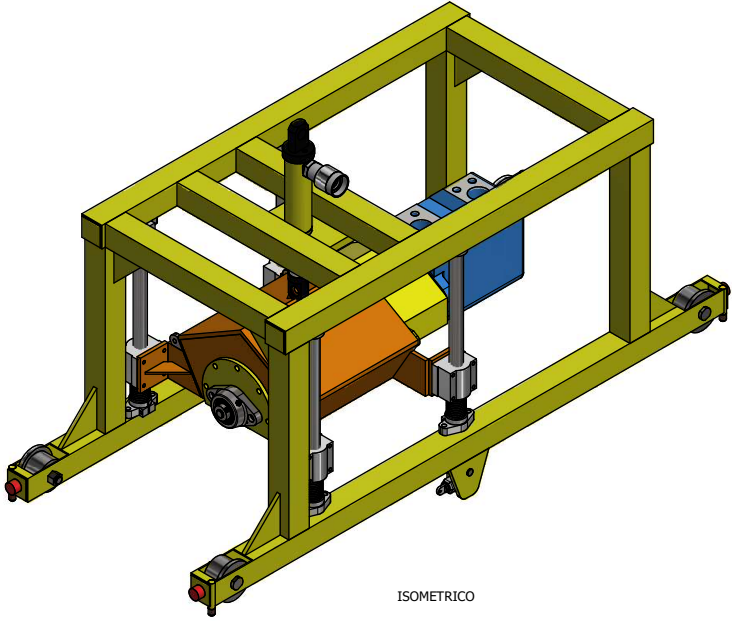
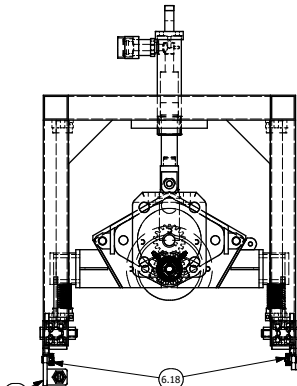
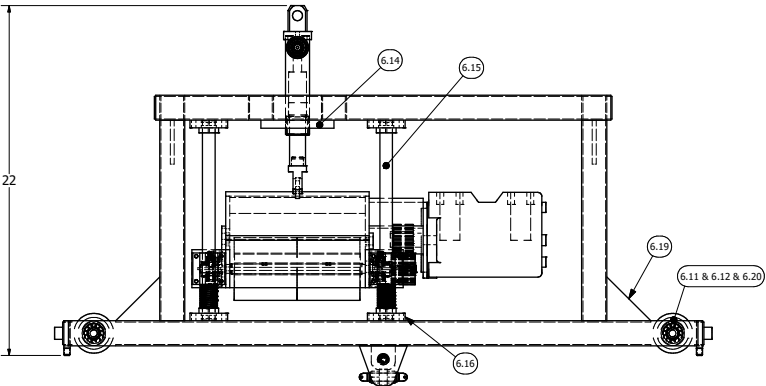
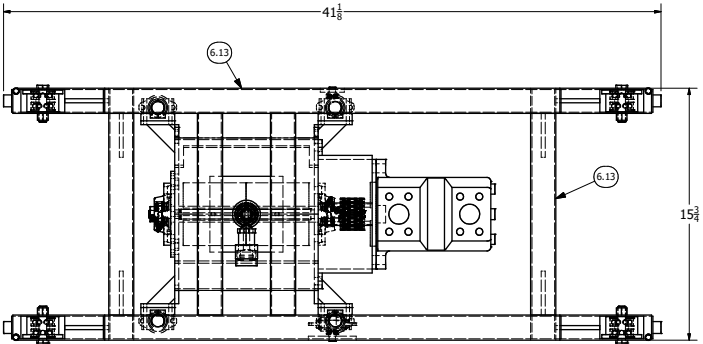


DIBUJADO	15/08/2020	TITULO	
REVISADO			
QA		LAVADORA DE TUBERIA PORTABLE	
MFG			
APROBADO		NOMBRE	
		HOJA	REV
		A2	ENSAMBLE RIEL DESCARGUE
		ESCALA	INDICADAS
			HOJA 10 DE 21

DIMENSIONES EN PULGADAS!

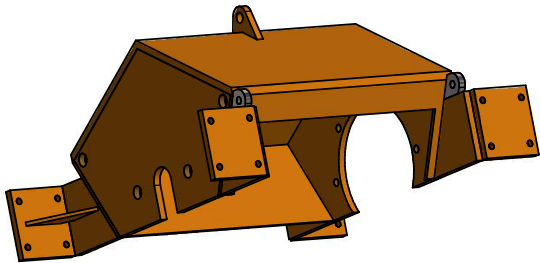


LISTA DE PARTES			
ITEM	CANT.	DESCRIPCION	MATERIAL
6.1	1	Tapa Removible Platina 1/4"	Acero Carbon
6.2	1	Tapa Superior Platina 1/2"	Acero Carbon
6.3	2	Tapa Lateral Platina 1/8"	Acero Carbon
6.4	4	Apoyos Platina 1/4"	Acero Carbon
6.5	1	Soporte Motor Hid. Platina 1/4"	Acero Carbon
6.6	1	Piñon Recto Paso 1/2" - 12 Dientes	Acero 4140
6.7	1	Engrane Recto Paso 1/2" - 12 Dientes	Acero 4140
6.8	1	Motor Hid. Vickers Vane 25M6SA	
6.9	1	Eje Cepillo 5/8"	Acero 1045
6.10	2	Cepillo SIT 100x100mm	Acero Laton
6.11	4	Ruedas Corredizas 2-1/2"	Acero 1045
6.12	8	Rodamiento SKF 6301	
6.13	12	Estructura Tubo cuadrado 60x60x2.5mm	Acero Carbon
6.14	1	Apoyo Cil. Platina 1/2"	Acero Carbon
6.15	4	Eje Lineal 20mm	Acero 1045
6.16	4	Soporte Eje Lineal SHF 20	Aluminio
6.17	2	Platina Apoyo Rod. 1/2"	Acero Carbon
6.18	2	Rodamiento SKF 626	
6.19	4	Platina Cartela 1/2"	Acero Carbon
6.20	1	Eje Pasador Rueda 3/4"	Acero 1045

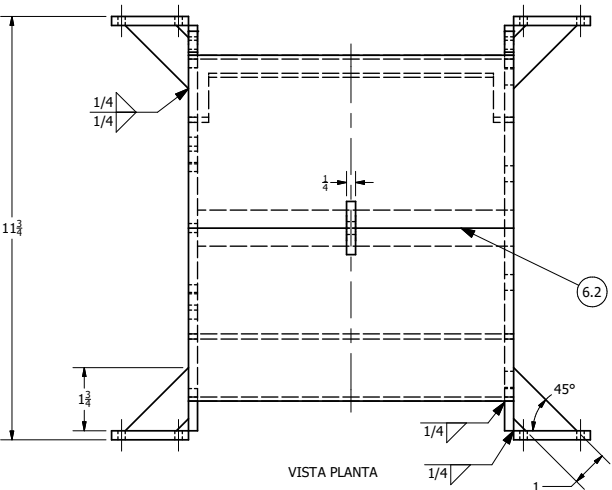


OTUBIADO CARLOS A. BALLESTEROS	15/08/2020	TITULO	
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA			
MFG			
APROBADO			
		HOJA A1	NOMBRE ENSAMBLE CONJUNTO LAVADO EXTERNO
		ESCALA 1 : 4	REV A
		HOJA 11 DE 21	

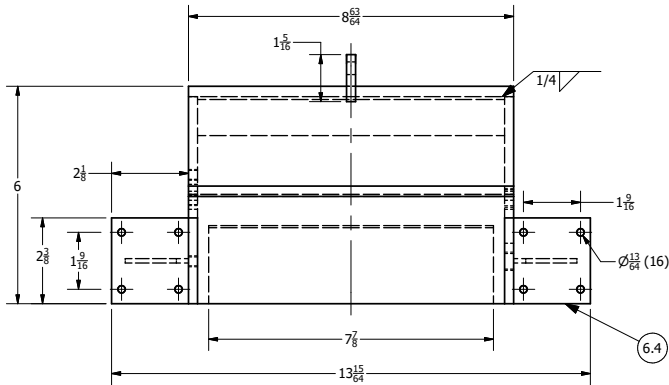
DIMENSIONES EN PULGADAS!



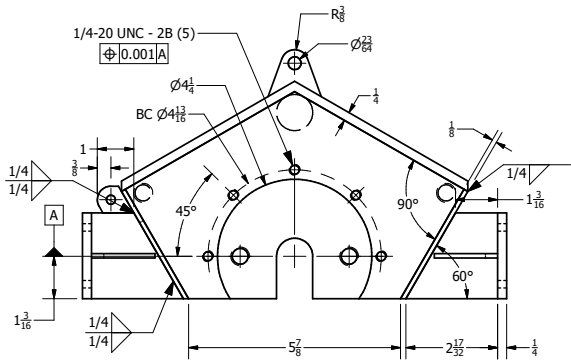
ISOMETRICO



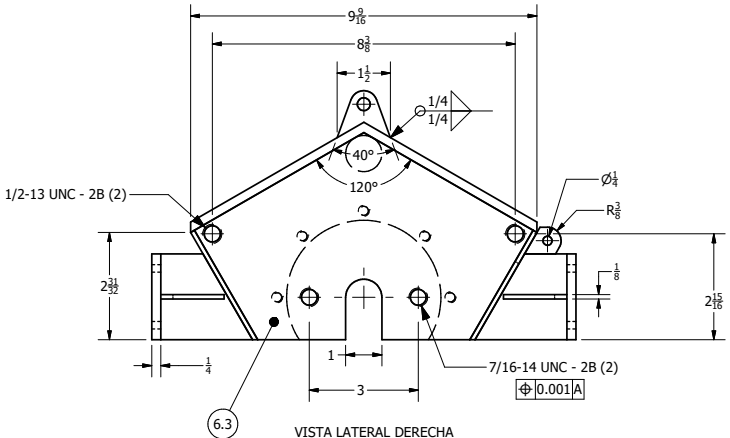
VISTA PLANTA



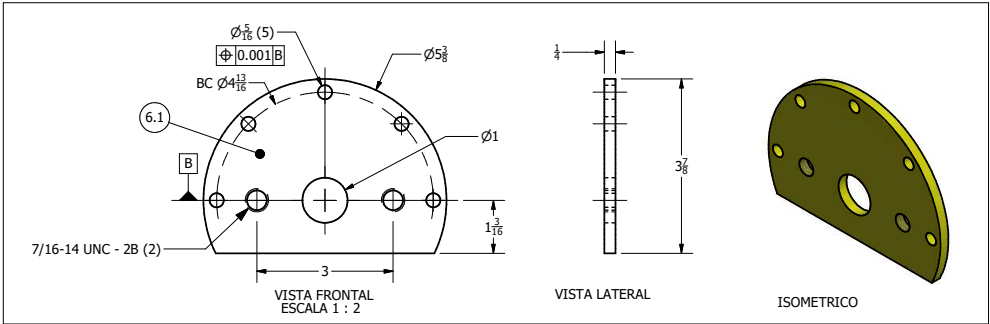
VISTA FRONTAL
ESCALA 1 : 2.5



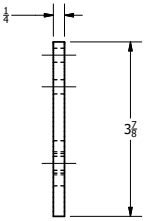
VISTA LATERAL IZQUIERDA



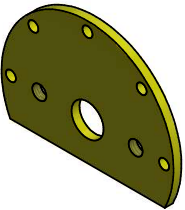
VISTA LATERAL DERECHA



VISTA FRONTAL
ESCALA 1 : 2



VISTA LATERAL

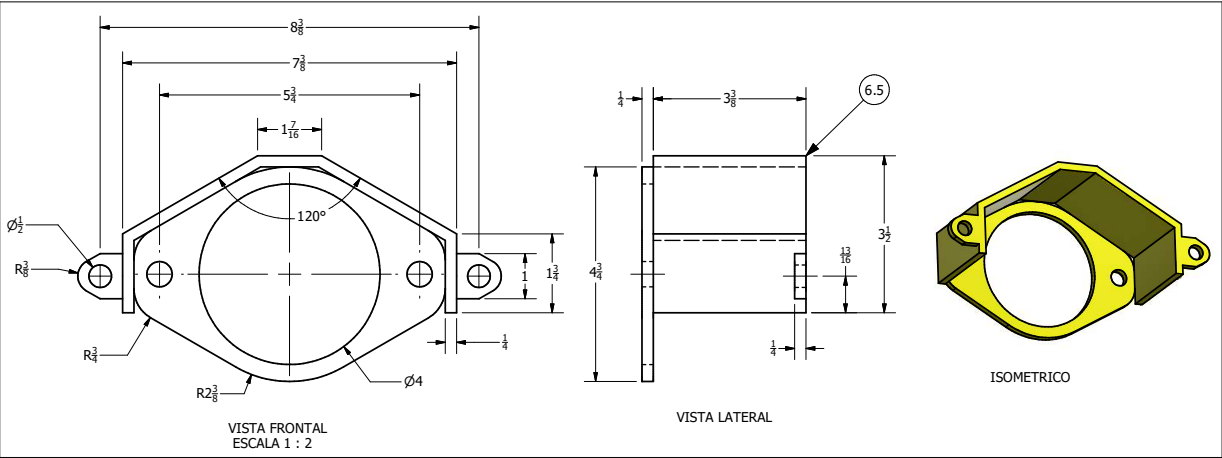
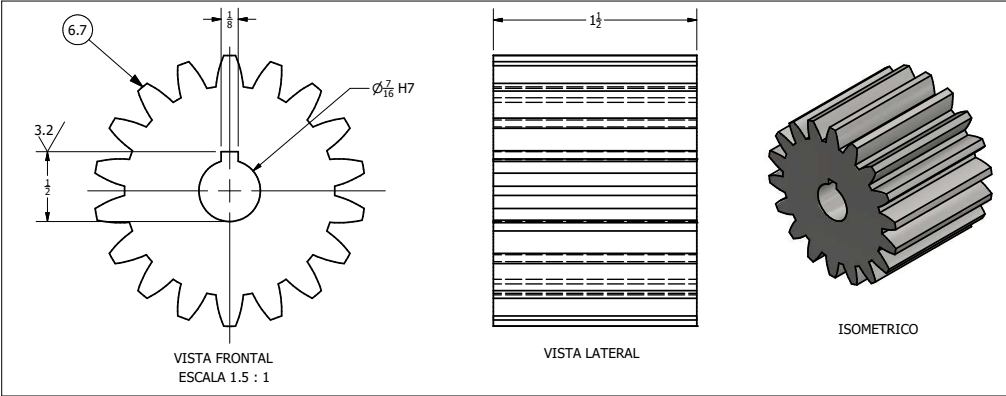
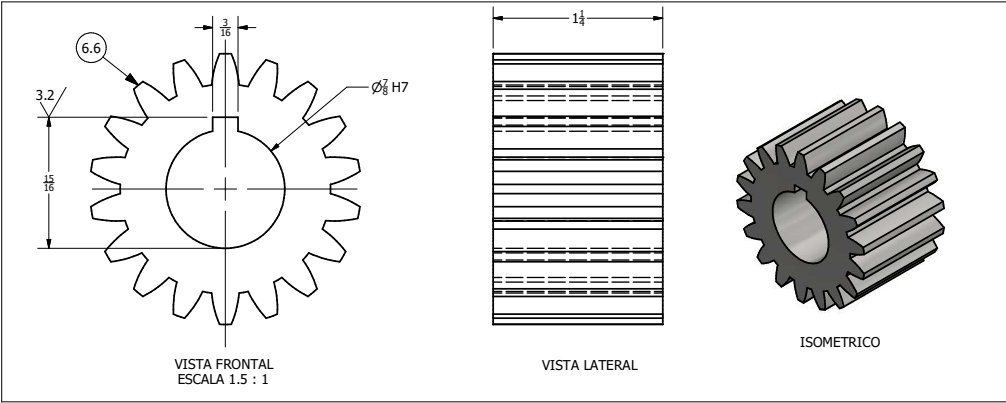


ISOMETRICO

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
6.1	1	Tapa Removible Platina 1/4"	Acero Carbon
6.2	1	Tapa Superior Platina 1/2"	Acero Carbon
6.3	2	Tapa Lateral Platina 1/8"	Acero Carbon
6.4	4	Apoyos Platina 1/4"	Acero Carbon

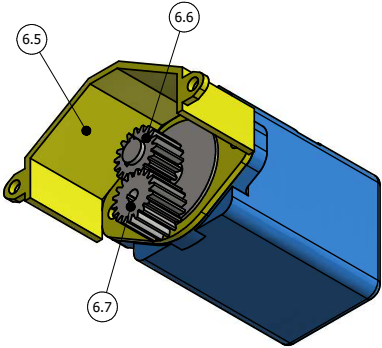
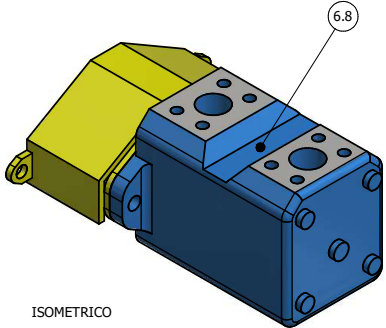
DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE PLANOS CARCASA LAVADO EXTERNO	
MFG			
APROBADO		REV	
		HOJA A2	ESCALA INDICADAS
		HOJA 12 DE 21	

DIMENSIONES EN PULGADAS!



LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
6.5	1	Soporte Motor Hid. Platina 1/4"	Acero Carbon
6.6	1	Piñon Recto	Acero 4140
6.7	1	Engrane Recto	Acero 4140
6.8	1	Motor Vickers Vane 25M65A	

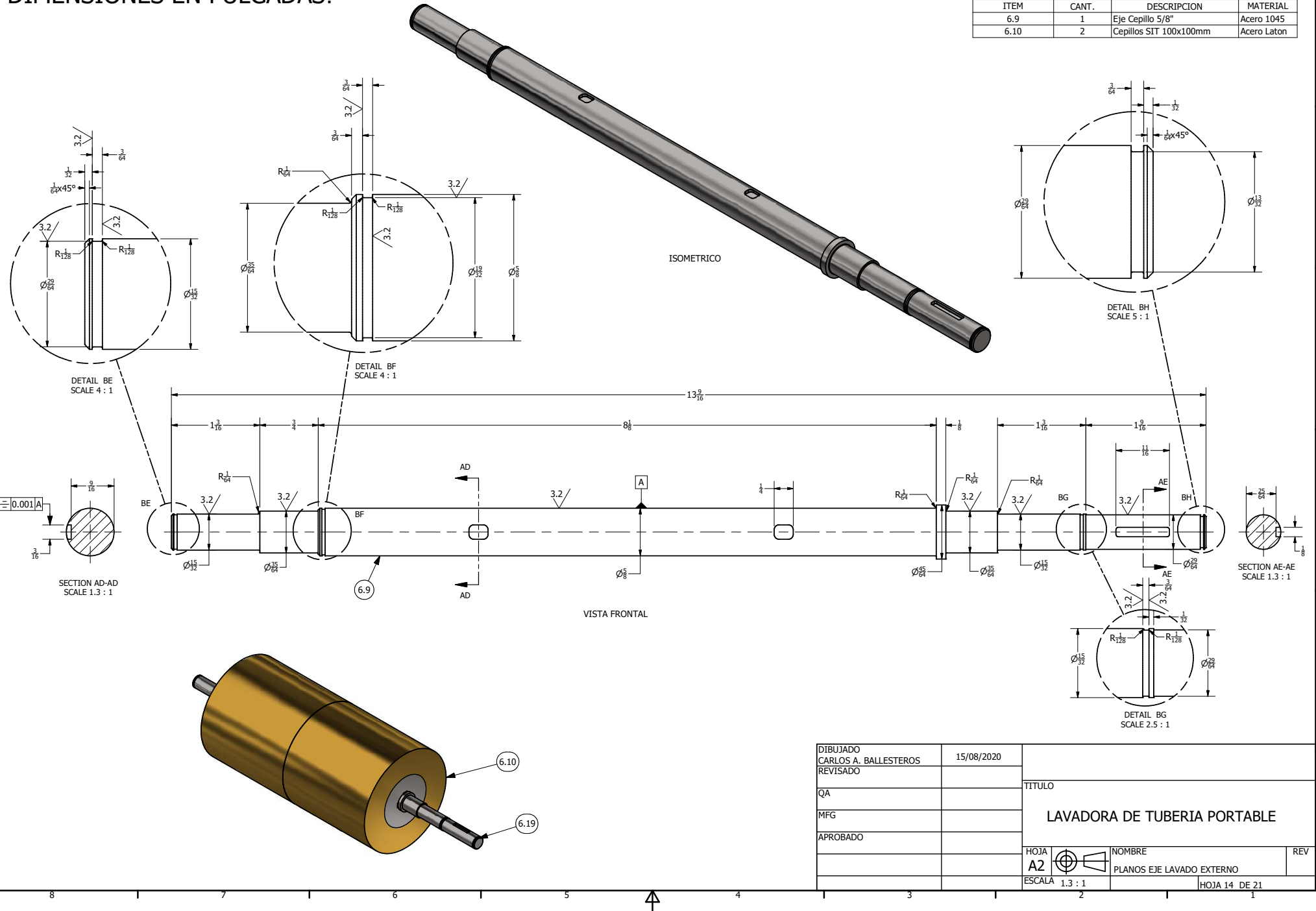
ENGRANAJE	
Descripción	Valor
Paso Diametral	10
Angulo Presion	20°
Numero Dientes	18
Rel. Trans.	1
Diametro de Paso	1.8"
Ancho de Cara	1.25"



DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO	
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA		NOMBRE	
MFG		PLANOS ENGRANAJE LAVADO EXTERNO	
APROBADO		REV	
		HOJA A2	ESCALA INDICADAS
		HOJA 13 DE 21	

DIMENSIONES EN PULGADAS!

LISTA DE PARTES			
ITEM	CANT.	DESCRIPCION	MATERIAL
6.9	1	Eje Cepillo 5/8"	Acero 1045
6.10	2	Cepillos SIT 100x100mm	Acero Laton



DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE PLANOS EJE LAVADO EXTERNO	
MFG			
APROBADO		REV	
ESCALA 1.3 : 1		HOJA 14 DE 21	

DIMENSIONES EN PULGADAS!

LISTA DE PARTES

ITEM	QTY	PART NUMBER	MATERIAL
6.11	4	Ruedas Corredizas 2-1/2"	Acero 1045
6.12	8	Rodamiento SKF 6301	Acero Carbon
6.13	12	Estructura Tubo Cuadrado 60x60x2.5mm	Acero Carbon
6.14	1	Platina Apoyo Cil. 1/2"	Acero Carbon
6.15	4	Eje Lineal 20mm	Acero 1045
6.16	4	Soporte Eje Lineal	Aluminio
6.17	2	Platina 1/2" Apoyo Rod. Corredizo	Acero Carbon
6.18	2	Rodamiento SKF 626	Acero Carbon
6.19	4	Platina Cartela 1/2"	Acero Carbon
6.20	1	Eje Pasador Rueda Diam. 3/4"	Acero 1045

TITULO: LAVADORA DE TUBERIA PORTABLE

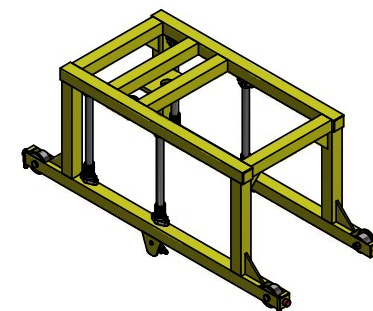
DIBUJADO: CARLOS A. BALLESTEROS
REVISADO: QA
MFG:
APROBADO:

HOJA: A2
ESCALA: INDICADAS

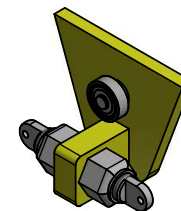
NOMBRE: PLANOS CARRO LAVADO EXTERNO
REV:

HOJA 15 DE 21

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
6.11	4	Ruedas Corredizas 2-1/2"	Acero 1045
6.12	8	Rodamiento SKF 6301	
6.13	12	Estructura Tubo Cuadrado 60x60x2.5mm	Acero Carbon
6.14	1	Platina Apoyo Cil. 1/2"	Acero Carbon
6.15	4	Eje Lineal 20mm	Acero 1045
6.16	4	Soporte Eje Lineal	Aluminio
6.17	2	Platina 1/2" Apoyo Rod. Corredizo	Acero Carbon
6.18	2	Rodamiento SKF 626	
6.19	4	Platina Cartela 1/2"	Acero Carbon
6.20	1	Eje Pasador Rueda Diam. 3/4"	Acero 1045



ISOMETRICO



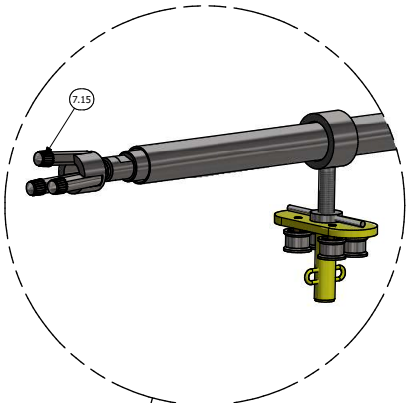
ISOMETRICO

DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE			NOMBRE	REV
REVISADO					PLANOS CARRO LAVADO EXTERNO	
QA						
MFG						
APROBADO						
		HOJA A2	ESCALA INDICADAS		HOJA 15 DE 21	

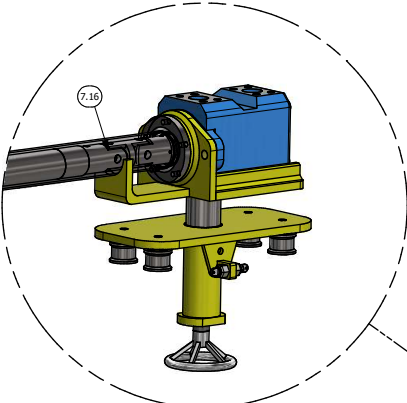
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DIMENSIONES EN PULGADAS!

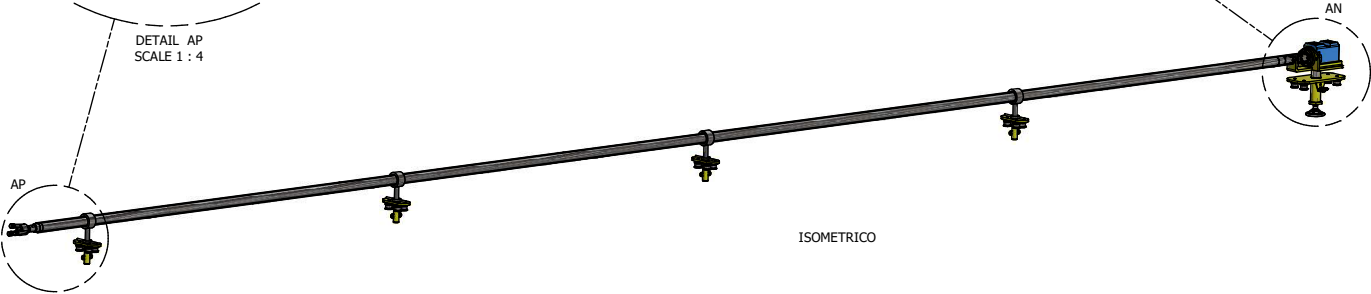
LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
7.1	1	Soporte Motor Platina 1/2"	Acero Carbon
7.2	1	Apoyo Motor Platina 1/2"	Acero Carbon
7.3	1	Eje Apoyo Diam. 2-1/4"	Acero 1045
7.4	1	Platina 1/2" Base	Acero Carbon
7.5	4	Rueda 1-3/4" Carro	Acero Carbon
7.6	4	Rodamiento SKF 3201	
7.7	4	Tornillo Bristol M12	Acero Carbon
7.8	4	Buje PCM 121412 E	Bronce
7.9	1	Camisa Soporte Tubo 2-1/2"	Acero Carbon
7.10	1	Tornillo 1/2"-13 UNC con Tuercas	Acero Carbon
7.11	1	Platina 1/2" Soporte Rod.	Acero Carbon
7.12	1	Tapon Roscado Diam. 3"	Acero Carbon
7.13	1	Eje Tornillo 1" con Timon	Acero 1045
7.14	1	Tubo Redondo Camisa Lanza 2-1/2"	Acero Carbon
7.15	1	Cabeza Expandible ETP StoneAge	Acero Carbon
7.16	1	Acople Tipo Cardan SKF PHE UJBM45	Acero Carbon



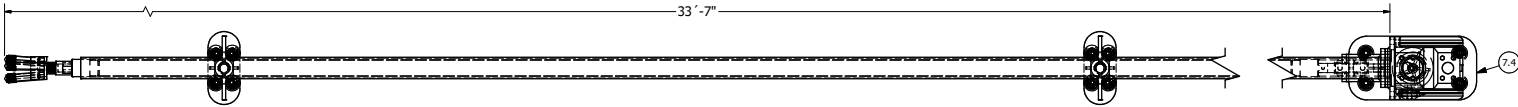
DETAIL AP
SCALE 1 : 4



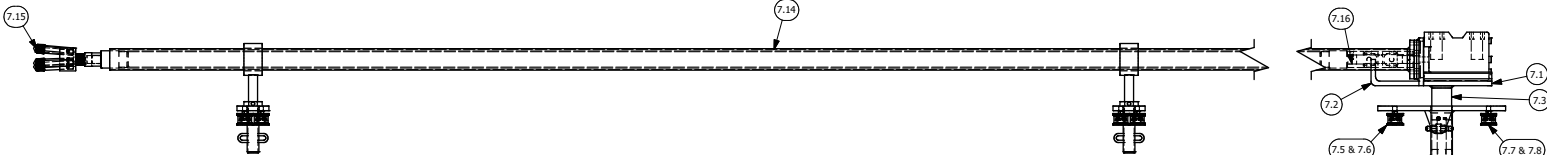
DETAIL AN
SCALE 1 : 4



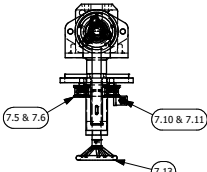
ISOMETRICO



VISTA PLANTA



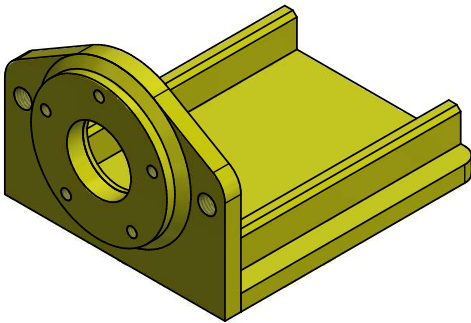
VISTA FRONTAL



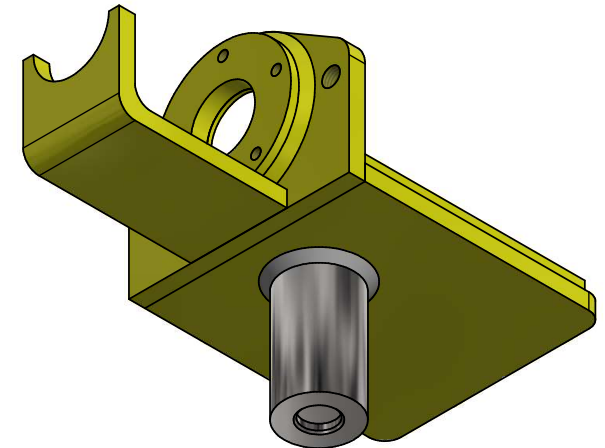
VISTA LATERAL

DISEÑADO CARLOS A. BALLESTEROS	15/08/2020	TITULO	
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA			
MFG			
APROBADO			
		HOJA A1	ENCAMBLE CONJUNTO LAVADO INTERNO
		ESCALA 1 : 7	REV A

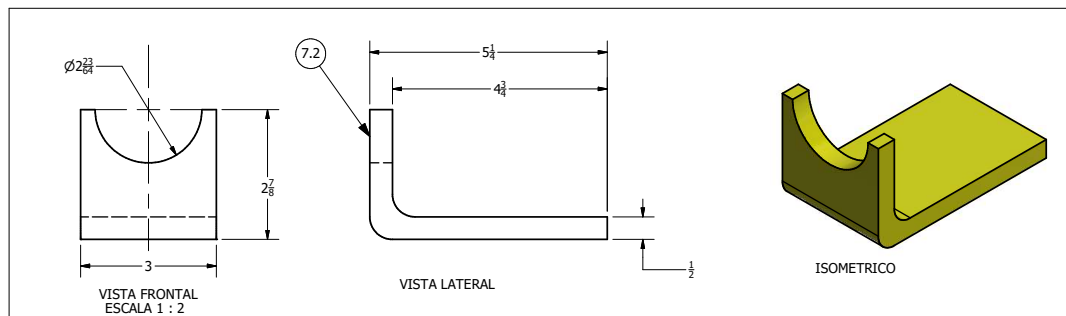
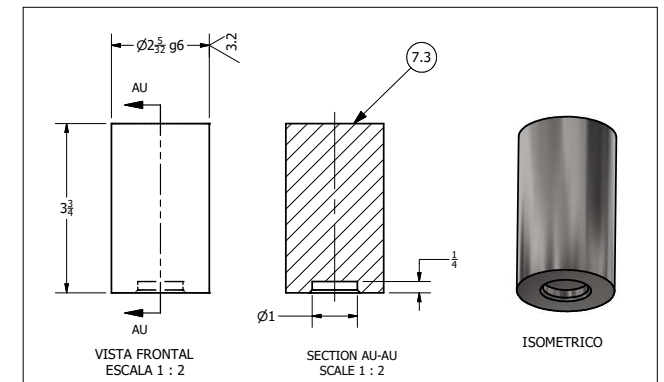
12 11 10 9 8 7 6 5 4 3 2 1



ISOMETRICO



ISOMETRICO

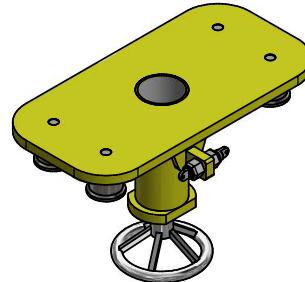
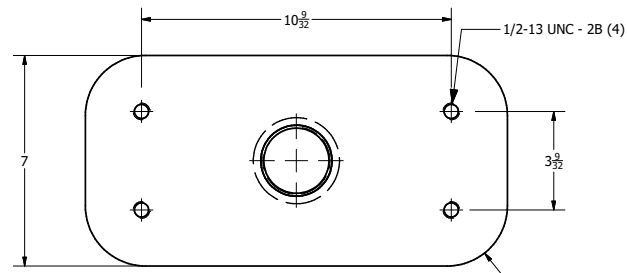


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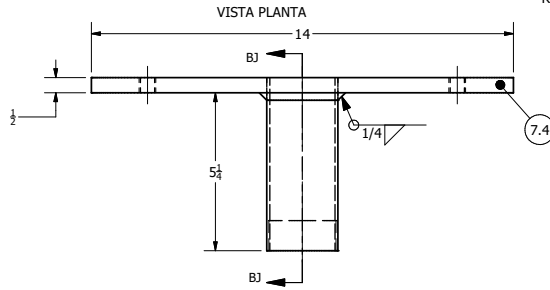
LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
7.1	1	Soporte Motor Platina 1/2"	Acero Carbon
7.2	1	Apoyo Motor Platina 1/2"	Acero Carbon
7.3	1	Eje Apoyo Diam. 2-1/4"	Acero 1045

DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE			
REVISADO					
QA					
MFG					
APROBADO					
		HOJA A2		NOMBRE PLANOS SOPORTE LAVADO INTERNO	REV
		ESCALA	INDICADAS	HOJA 17 DE 21	

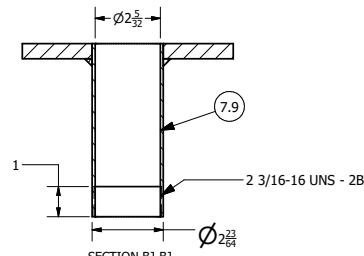
DIMENSIONES EN PULGADAS!



ISOMETRICO

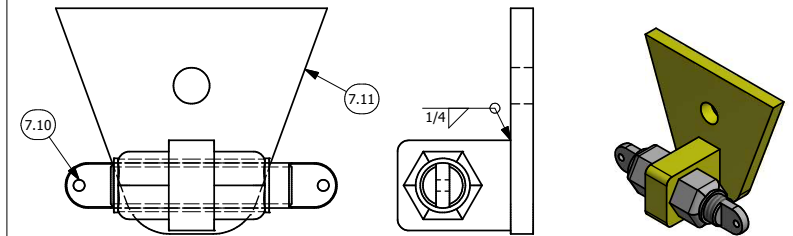


VISTA FRONTAL
ESCALA 1 : 3



SECTION B-B
SCALE 1 : 3

LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
7.4	1	Platina 1/2" Base	Acero Carbon
7.5	4	Rueda 1-3/4" Carro	Acero Carbon
7.6	4	Rodamiento SKF 3201	
7.7	4	Tornillo Bristol M12	Acero Carbon
7.8	4	Buje PCM 121412 E	Bronce
7.9	1	Camisa Soporte Tubo 2-1/2"	Acero Carbon
7.10	1	Tornillo 1/2"-13 UNC con Tuercas	Acero Carbon
7.11	1	Platina 1/2" Soporte Rod.	Acero Carbon
7.12	1	Tapon Roscado Diam. 3"	Acero Carbon
7.13	1	Eje Tornillo 1" con Timon	Acero 1045

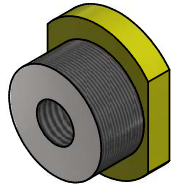


VISTA FRONTAL
ESCALA 1 : 1

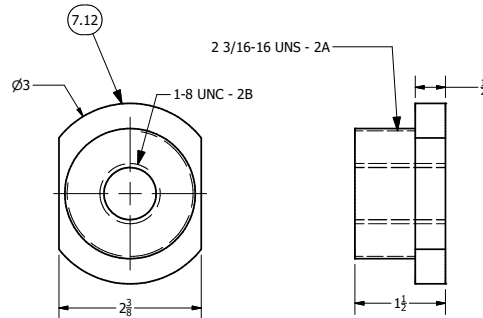
VISTA LATERAL

ISOMETRICO

ITEM - VER HOJA 15 DE 21

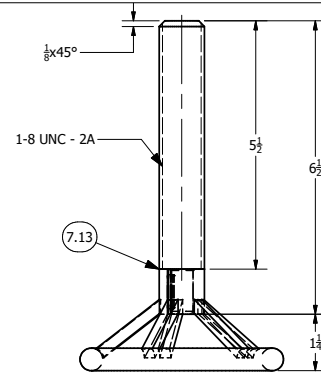


ISOMETRICO

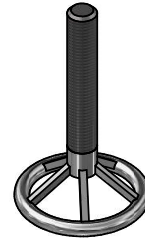


VISTA FRONTAL
ESCALA 1 : 1.5

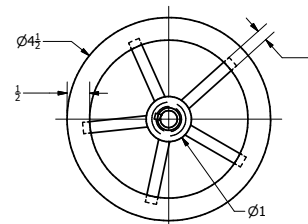
VISTA LATERAL



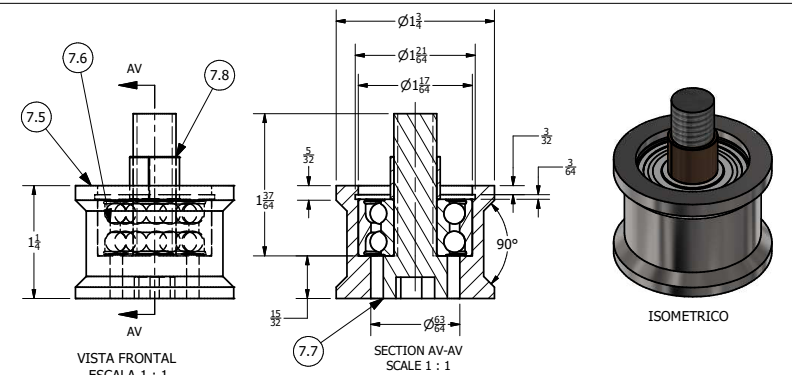
VISTA PLANTA



ISOMETRICO



VISTA FRONTAL
ESCALA 1 : 2



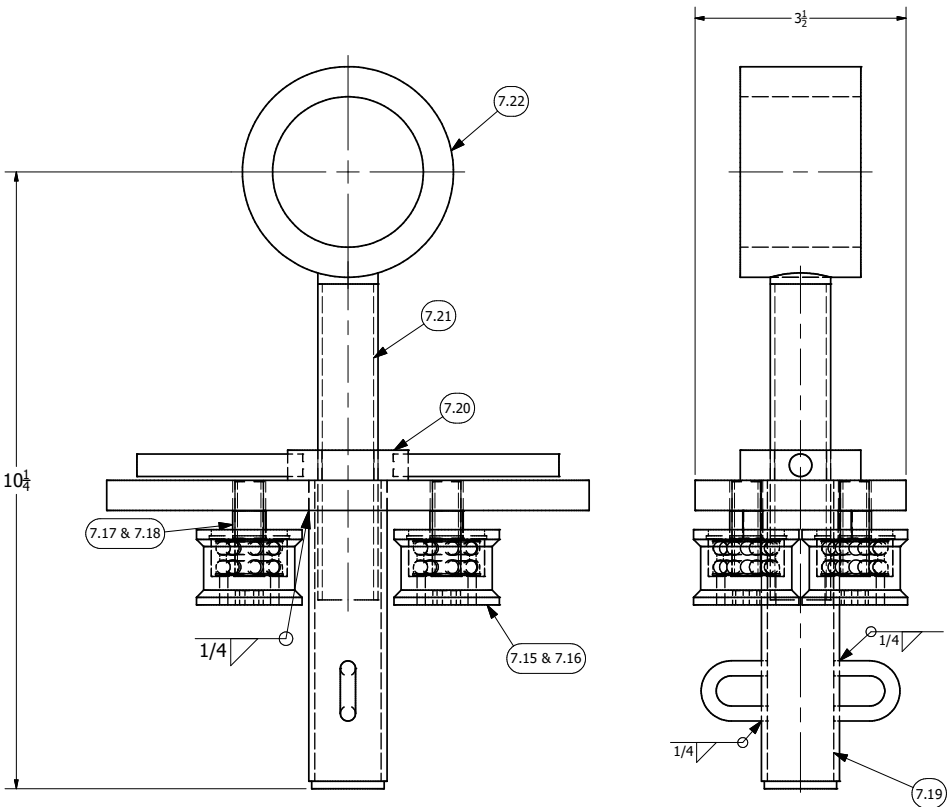
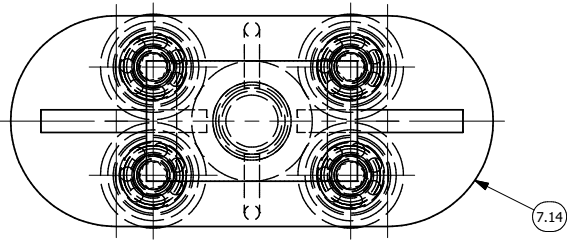
VISTA FRONTAL
ESCALA 1 : 1

SECTION AV-AV
SCALE 1 : 1

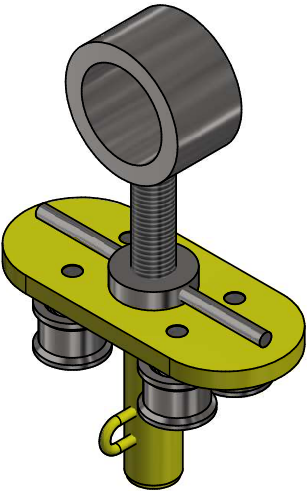
ISOMETRICO

DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO	
REVISADO		LAVADORA DE TUBERIA PORTABLE	
QA			
MFG			
APROBADO			
		HOJA A2	NOMBRE PLANOS CARRO LAVADO INTERNO
		ESCALA	REV
		INDICADAS	HOJA 18 DE 21

DIMENSIONES EN PULGADAS!

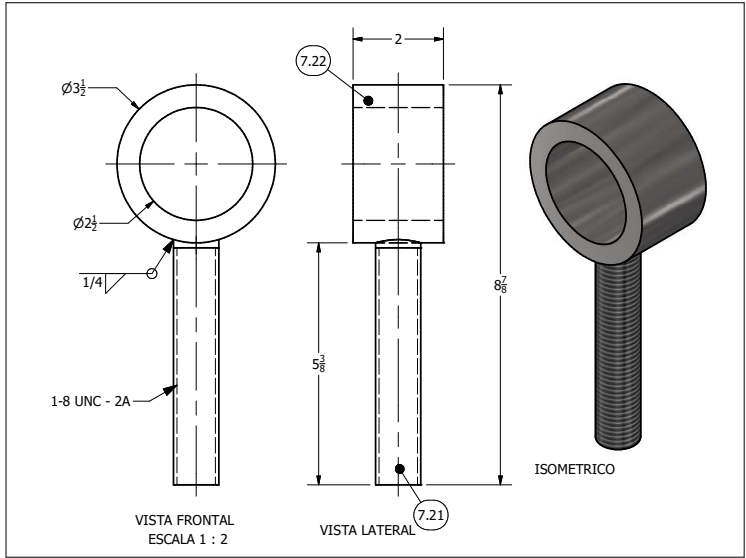
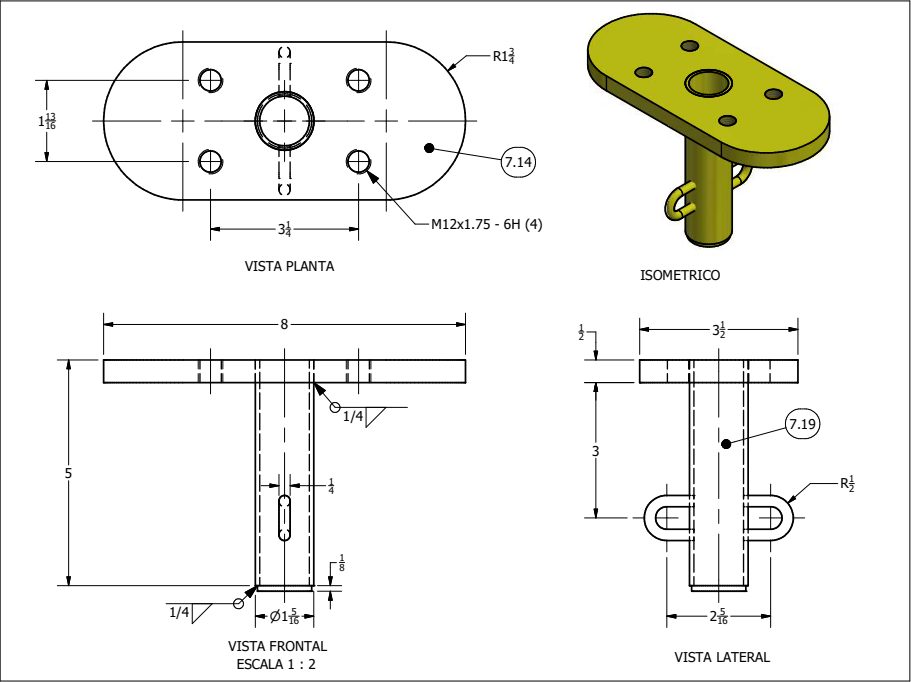


LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
7.14	3	Platina 1/2" Base	Acero Carbon
7.15	12	Ruedas 3"	Acero Carbon
7.16	12	Rodamietno SKF 3201	
7.17	12	Tornillo Bristol M12	Acero Carbon
7.18	12	Buje PCM 121412 E	Bronce
7.19	3	Tubo Soporte 1-1/2"	Acero Carbon
7.20	3	Tuerca Giratoria Ajustable	Acero Carbon
7.21	3	Tornillo Ajustable Diam. 1"	Acero Carbon
7.22	3	Anillo Centralizador Diam 3-1/2"	Acero Carbon

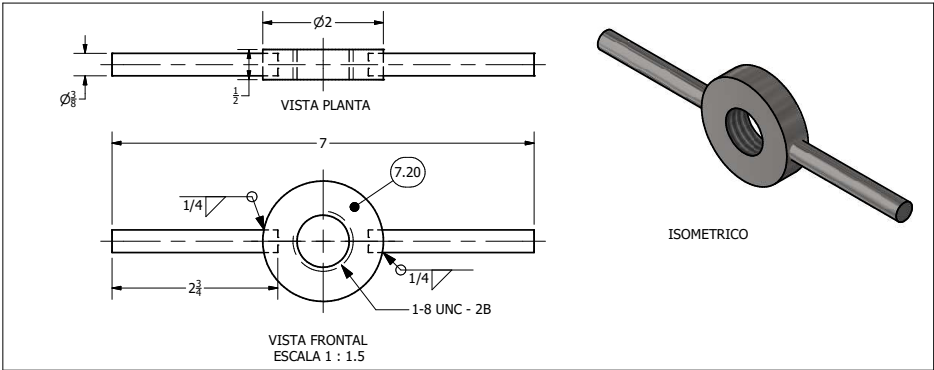
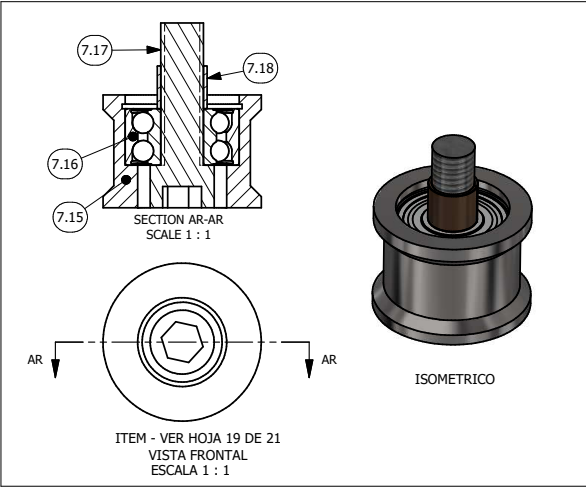


DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE ENSAMBLE CENTRALIZADORES LAVADO INTERNO	
MFG			
APROBADO		REV	
		HOJA A2	ESCALA 1 : 1.5
		HOJA 19 DE 21	

DIMENSIONES EN PULGADAS!



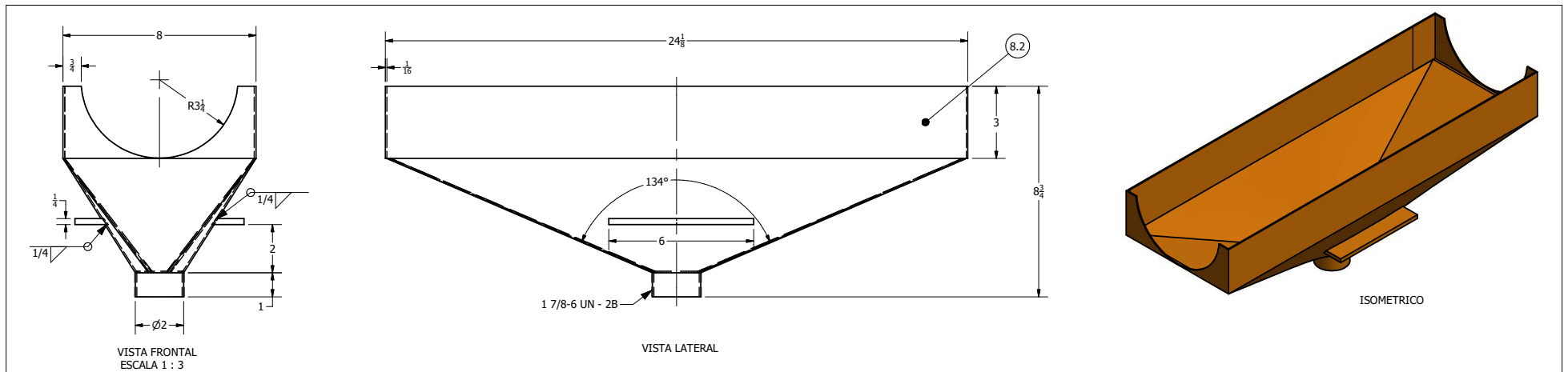
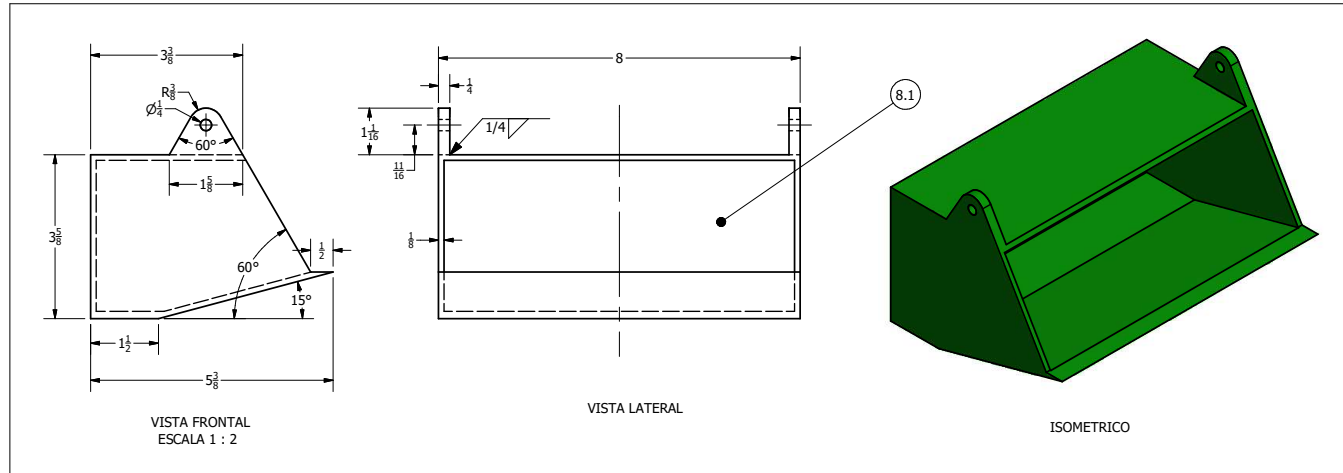
LISTA DE PARTES			
ITEM	QTY	PART NUMBER	MATERIAL
7.14	3	Platina 1/2" Base	Acero Carbon
7.15	12	Ruedas 3"	Acero Carbon
7.16	12	Rodamietno SKF 3201	
7.17	12	Tornillo Bristol M12	Acero Carbon
7.18	12	Buje PCM 121412 E	Bronce
7.19	3	Tubo Soporte 1-1/2"	Acero Carbon
7.20	3	Tuerca Giratoria Ajustable	Acero Carbon
7.21	3	Tornillo Ajustable Diam. 1"	Acero Carbon
7.22	3	Anillo Centralizador Diam 3-1/2"	Acero Carbon



DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE PLANOS CENTRALIZADORES LAVADO INTERNO	
MFG			
APROBADO		REV	
		HOJA A2	ESCALA INDICADAS
		HOJA 20 DE 21	

DIMENSIONES EN PULGADAS!

LISTA DE PARTES			
ITEM	CANT.	DESCRIPCION	MATERIAL
8.1	1	Colector Residuos Platina 1/8"	Acero Carbon
8.2	2	Tanque Sumidero Residuos Lamina 1/16"	Acero Carbon



DIBUJADO CARLOS A. BALLESTEROS	15/08/2020	TITULO LAVADORA DE TUBERIA PORTABLE	
REVISADO			
QA		NOMBRE PLANOS COLECTORES DE RESIDUOS	
MFG			
APROBADO		REV	
HOJA A2	ESCALA INDICADAS	HOJA 21 DE 21	