#### TELEMARK 246 Multi Pocket E-Beam Source Drawings

The current version of this drawing pdf can be found at

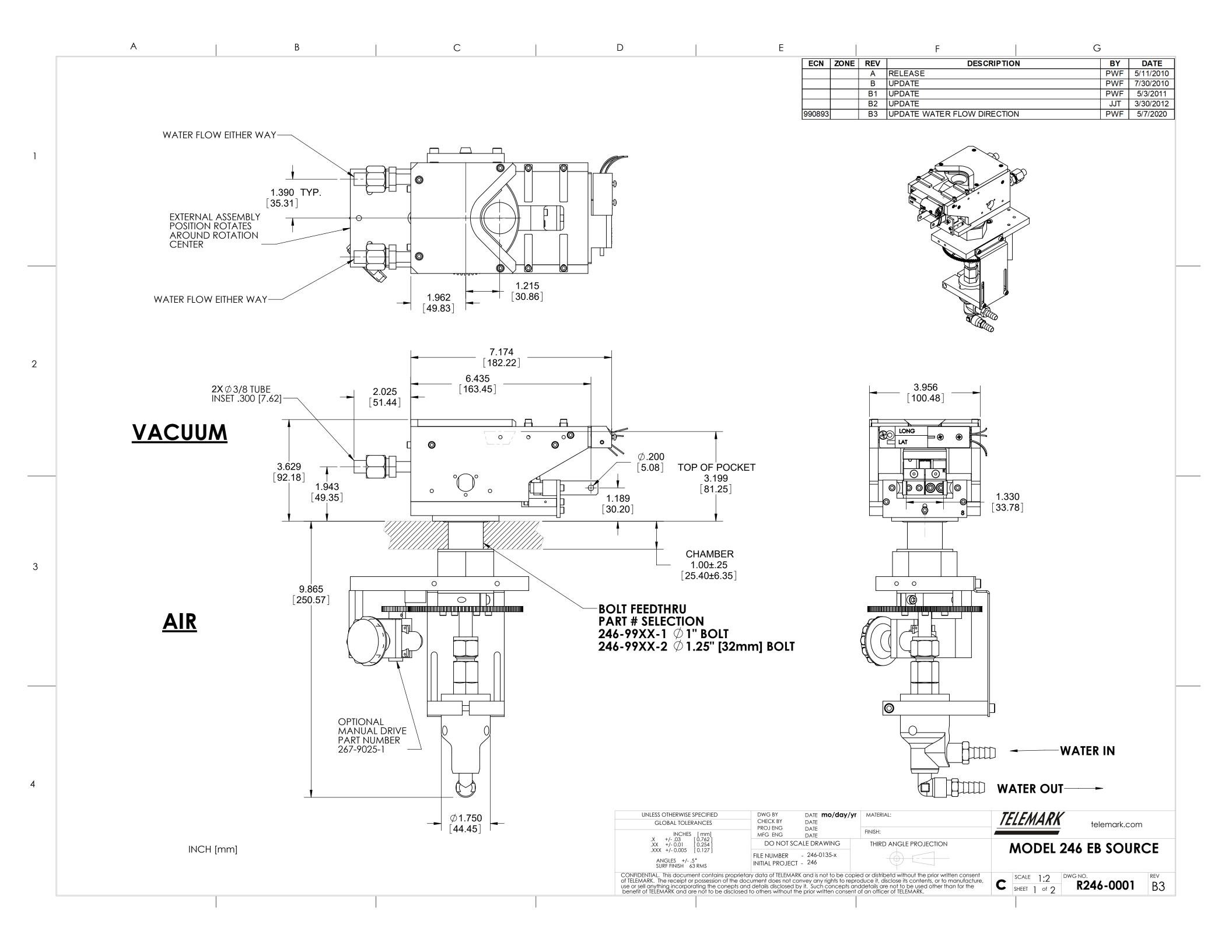
https://telemark.com/electron-beam-sources/r-and-d-multi-pocket-sources/

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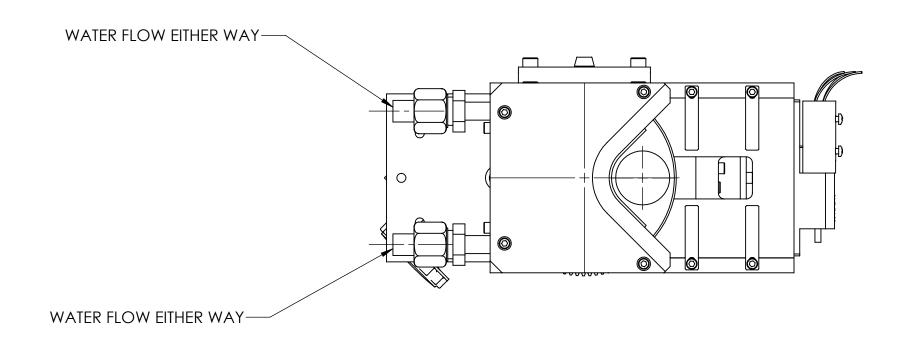


## Reference Dimensions

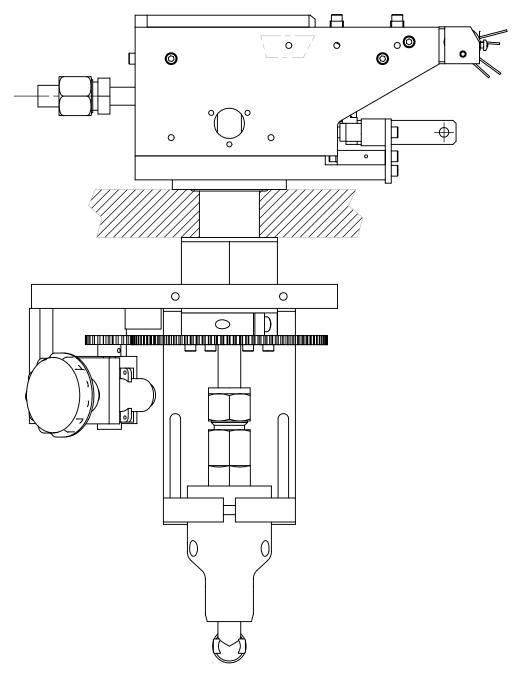
**E-Beam Source** 

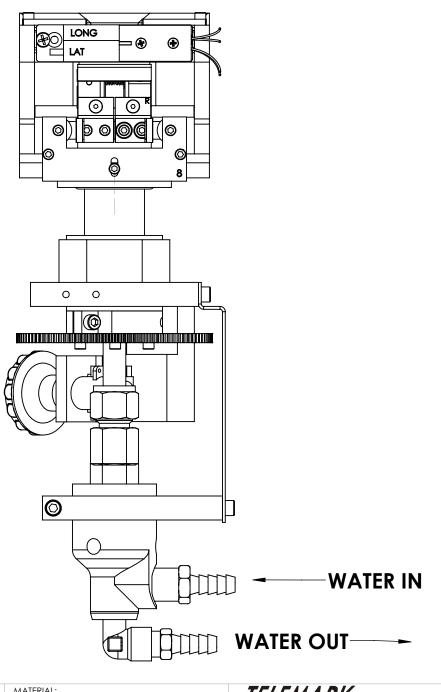






# MODEL 246 IMPORTANT WATER LINE CONNECTION INFORMATION





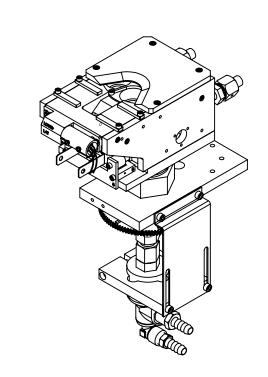
UNLESS OTHERWISE SPECIFIED GLOBAL TOLERANCES	DWG BY DATE <b>mo/day/</b> CHECK BY DATE PROJ ENG DATE	yr MATERIAL:	<b>TELEMARK</b> telemark.com		
INCHES [ mm]	PROJENG DATE  MFG ENG DATE	FINISH:			
.X +/03 [0.762] .XX +/- 0.01 [0.254]	DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION	MODEL 246 EB SOURCE		
.XXX +/- 0.005 [ 0.127 ]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER - 246-0135-x INITIAL PROJECT - 246		MODEL 240 LB SOURCE		
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## Model Assemblies

**E-Beam Sources** 

ECN ZONE REV DESCRIPTION BY DATE Α RELEASE PWF 5/22/2010 В UPDATE 7/30/2010 990848 P/N FROM 246-0135-2 TO 246-0135-1 GPD 1/7/2019 С



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	ITEM NO.	PART NUMBER	DESCRIPTION	246-9906-1/QTY.
	1	244-0074-1	COVER, 6 POCKET	1
	2	244-0282-1	CRUCIBLE, 6X7cc	1
	3	246-0135-1	246 SOURCE SUB ASSY 1"	1
	4	271-6050-1	VENTED SCREW, #6-32 UNC X 3/8" SHCS	4
	5	271-6073-1	VENTED SCREW, #6-32 X 7/8" SST. SHCS.	6

UNLESS OTHERWISE SPECIFIED	DWG BY	DATE <b>mo/day/yr</b>	MATERIAL:	B.O.M		
GLOBAL TOLERANCES	CHECK BY PROJENG	DATE				
INCHES [mm]	MFG ENG	DATE DATE	FINISH:			
.X +/03 [ 0.762 ] .XX +/- 0.01 [ 0.254 ]	DO NOT SCALE DRAWING		THIRD ANGLE PROJECT	ION		
.XXX +/- 0.005 [ 0.127 ]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER INITIAL PROJECT	- 246-99xx-1 - 246				
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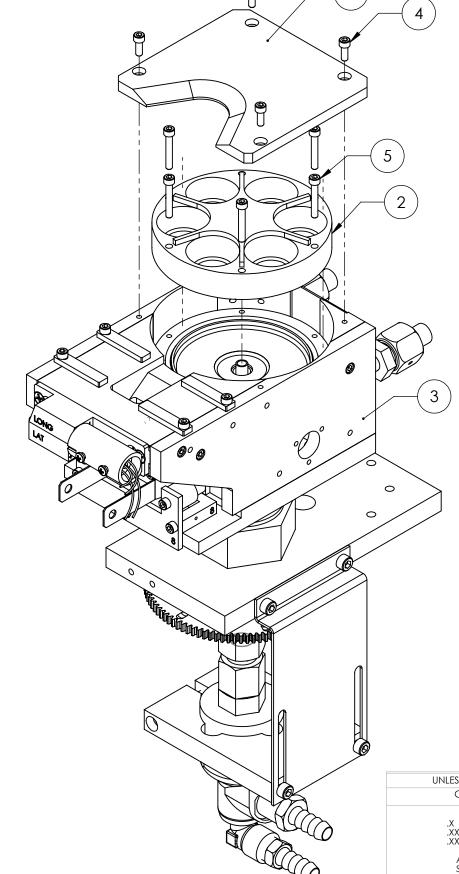
6 PKT, 7CC, 1" FT B

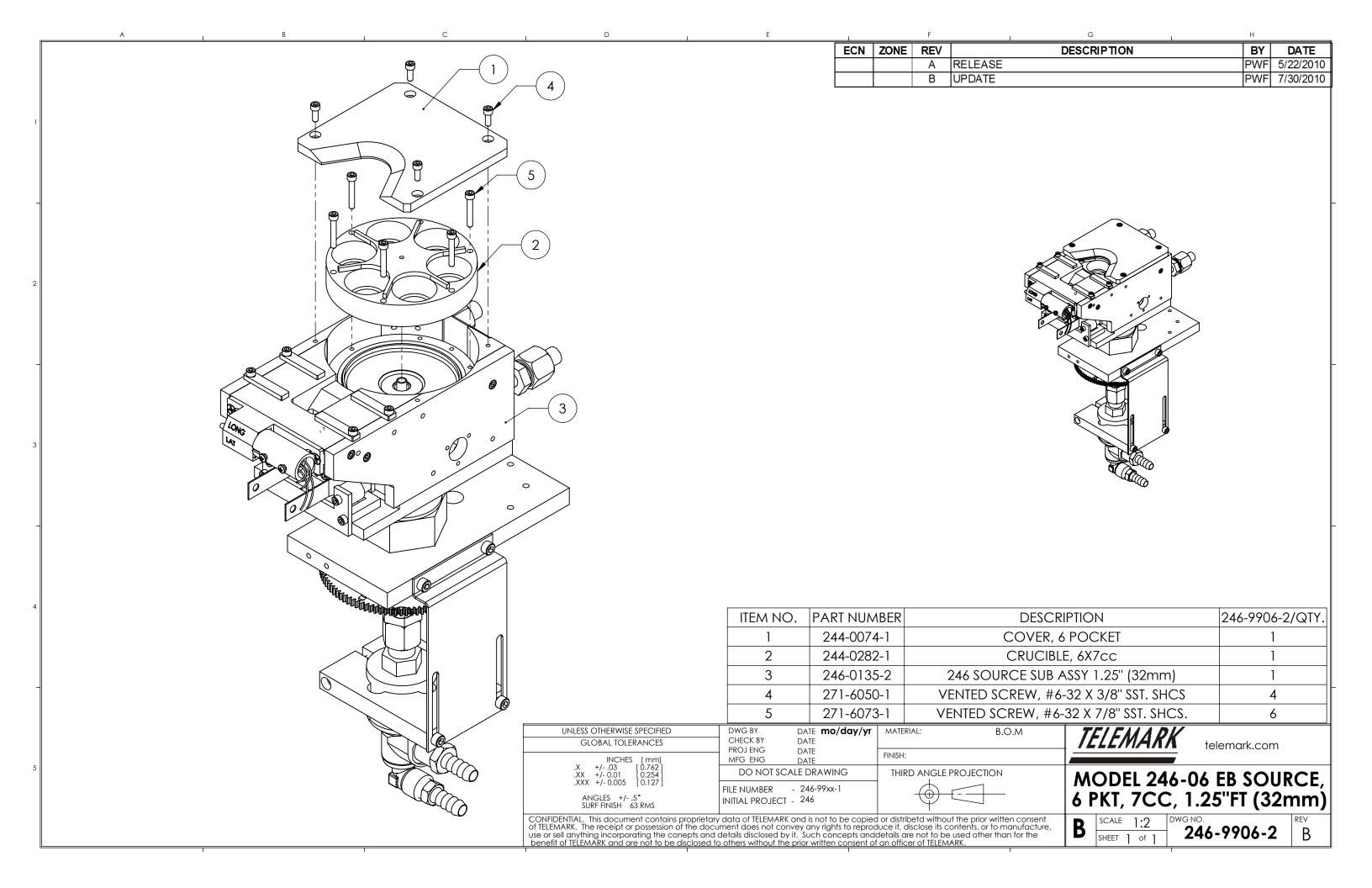
TELEMARK

DWG NO. 246-9906-1

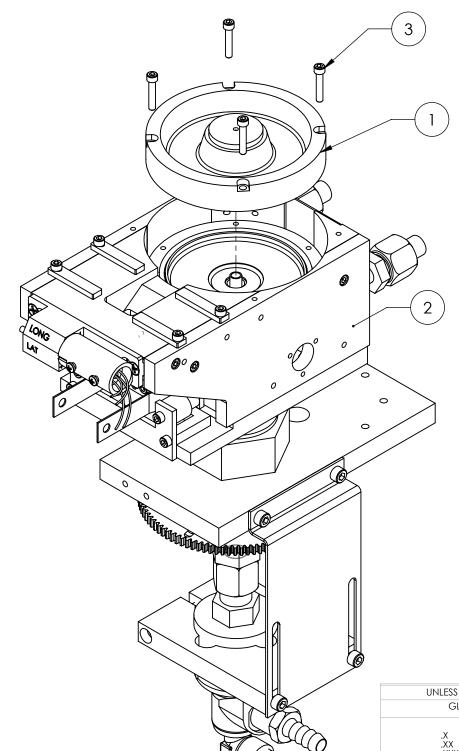
MODEL 246-06 EB SOURCE,

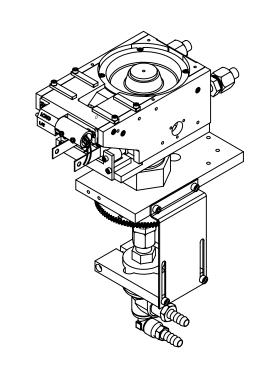
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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		Α	RELEASE	PWF	8/30/2011





ITEM NO.	PART NUMBER	DESCRIPTION	246-9916-1/QTY.
1	244-0270-1	CRUCIBLE, TROUGH, 45cc	1
2	246-0135-1	246 SOURCE SUB ASSY 1"	1
3	271-6072-1	VENTED SCREW, #6-32 X 3/4" SST. SHCS.	4

UNLESS OTHERWISE SPECIFIED	DWG BY	DATE <b>mo/day/yr</b>	MATERIAL:	B.O.M	
GLOBAL TOLERANCES	CHECK BY	DATE DATE DATE			
INCHES [mm]	PROJENG MFG ENG		FINISH:		
.X +/03 [0.762] .XX +/-0.01 [0.254]	DO NOT SCALE DRAWING		THIRD ANGLE PR	OJECTION	
.XXX +/- 0.005 [ 0.127 ]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER INITIAL PROJECT	- 246-99xx-1 - 246			
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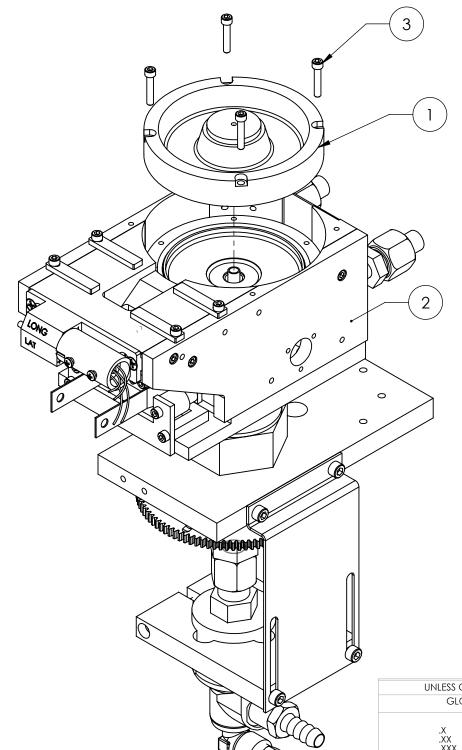
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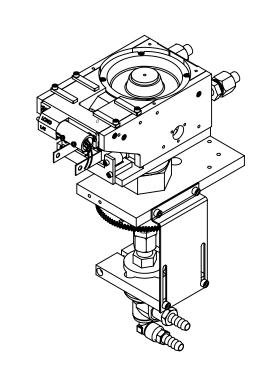
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MODEL 246-16 EB SOURCE, TROUGH 45CC, 1" FT

DWG NO. 246-9916-1 A

ECN	ZONE	REV	DESCRIPTION	BY	DATE
		Α	RELEASE	PWF	8/30/201





ITEM NO.	PART NUMBER	DESCRIPTION	246-9916-2/QTY.
1	244-0270-1	CRUCIBLE, TROUGH, 45cc	1
2	246-0135-2	246 SOURCE SUB ASSY 1.25" (32mm)	1
3	271-6072-1	VENTED SCREW, #6-32 X 3/4" SST. SHCS.	4

UNLESS OTHERWISE SPECIFIED	DWG BY	DATE <b>mo/day/yr</b>	MATERIAL:	B.O.M		
GLOBAL TOLERANCES	CHECK BY PROJENG	DATE				
INCHES [mm]	MFG ENG	DATE DATE	FINISH:		4	
.X +/03 [0.762] .XX +/- 0.01 [0.254]	DO NOT SC.	ALE DRAWING	THIRD ANGLE PROJECTION	ON		
.XXX +/- 0.005 [ 0.127 ]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER INITIAL PROJECT	- 246-99xx-1 - 246			T	
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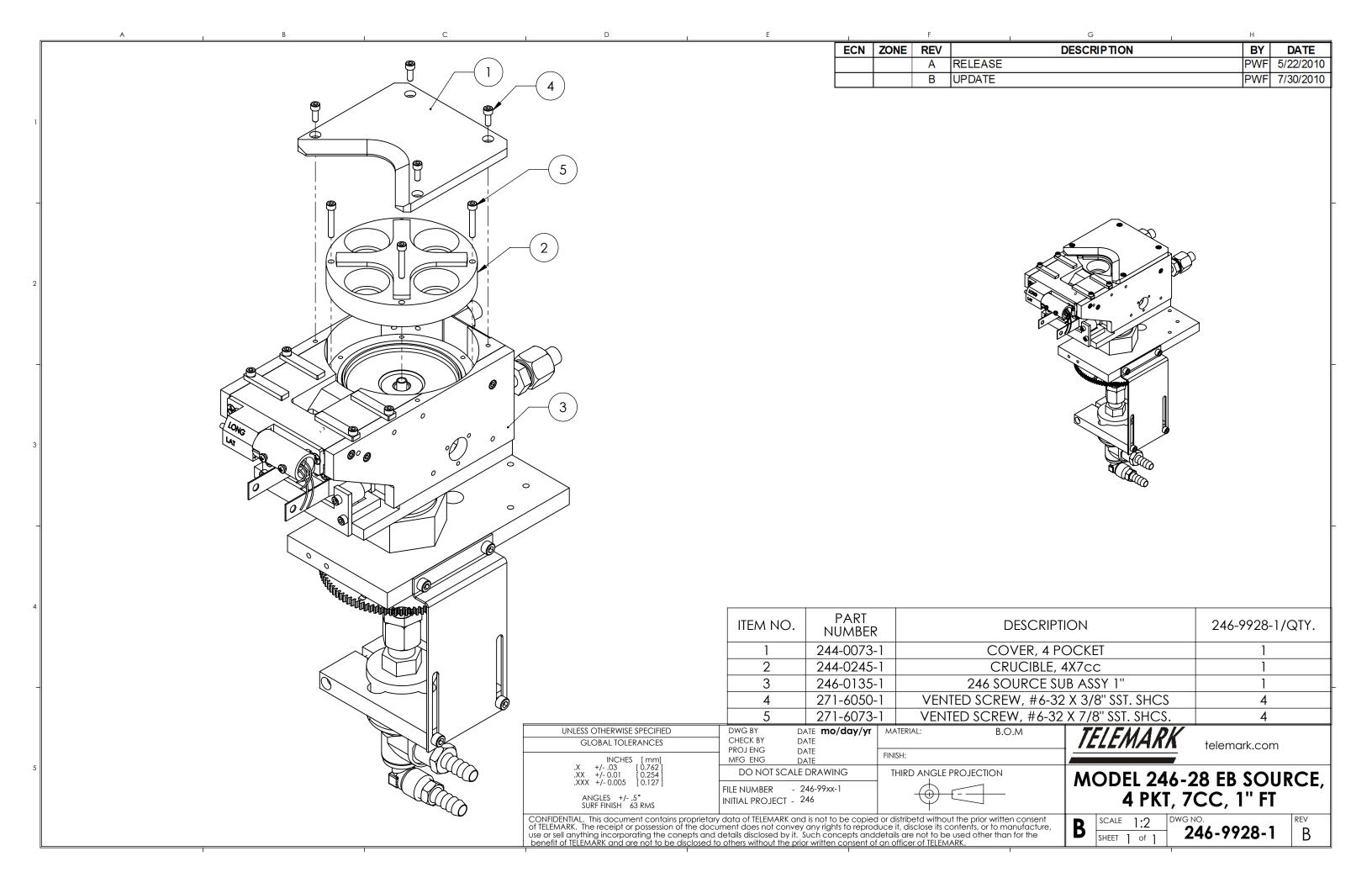
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MODEL 246-16 EB SOURCE, TROUGH 45cc, 1.25"FT, 32mm

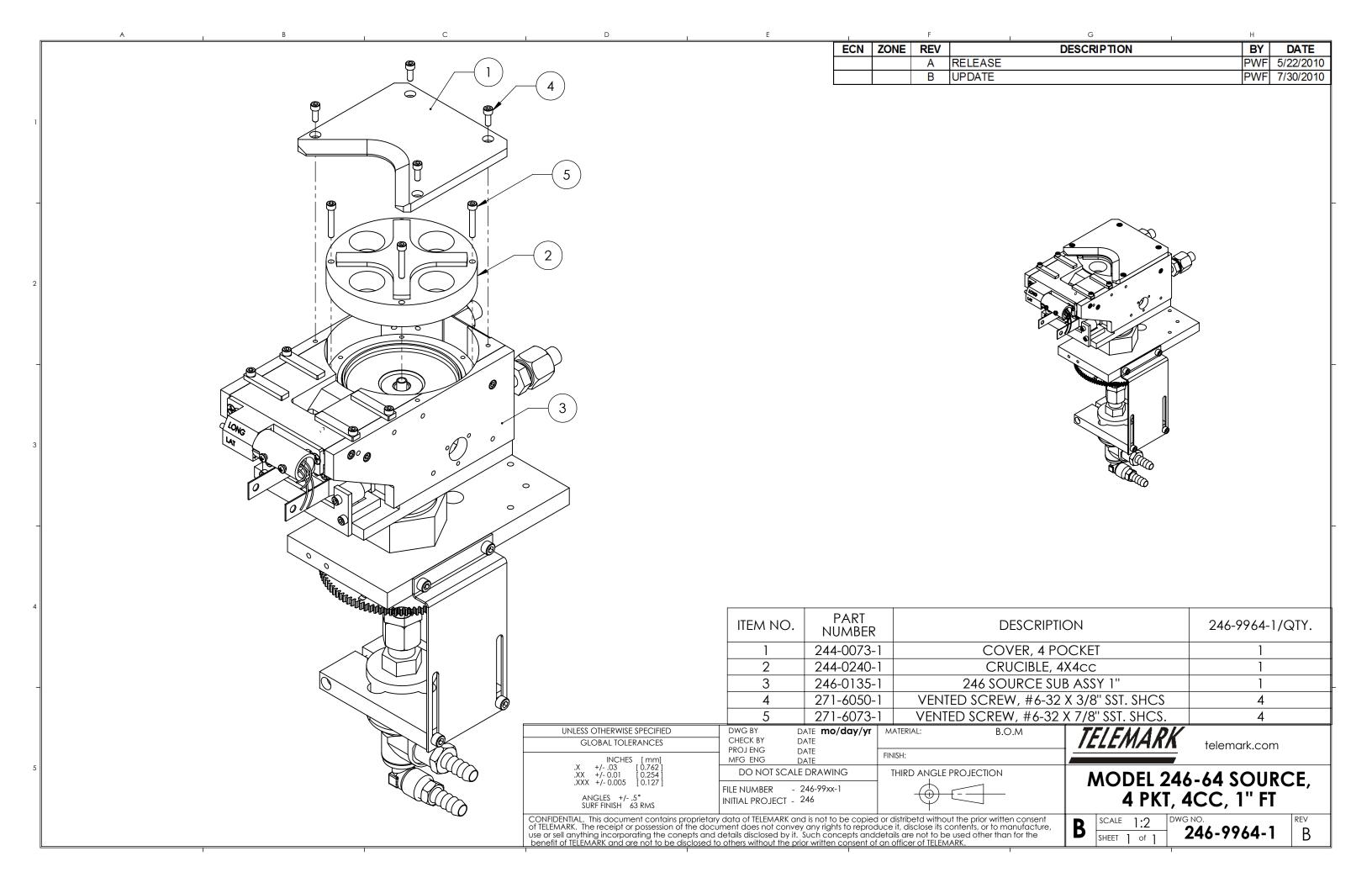
DWG NO. 246-9916-2 A



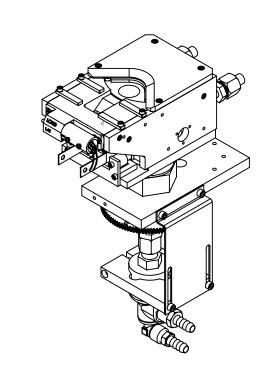
ECN ZONE REV **DESCRIPTION** BY DATE RELEASE PWF 5/22/2010 PWF 7/30/2010 B UPDATE PART NUMBER ITEM NO. **DESCRIPTION** 246-9928-2/QTY. 244-0073-1 COVER, 4 POCKET 244-0245-1 CRUCIBLE, 4X7cc 246-0135-2 246 SOURCE SUB ASSY 1.25" (32mm) VENTED SCREW, #6-32 X 3/8" SST. SHCS 271-6050-1 4 VENTED SCREW, #6-32 X 7/8" SST. SHCS. 271-6073-1 DATE mo/day/yr MATERIAL: UNLESS OTHERWISE SPECIFIED DWG BY B.O.M CHECK BY GLOBAL TOLERANCES telemark.com PROJ ENG MFG ENG DO NOT SCALE DRAWING MODEL 246-28 EB SOURCE, FILE NUMBER - 246-99xx-1 4 PKT, 7CC, 1.25"FT (32mm) INITIAL PROJECT - 246

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DWG NO. **246-9928-2** 



ECN ZONE REV DESCRIPTION BY DATE A RELEASE PWF 5/22/2010 B UPDATE PWF 7/30/2010



ITEM NO.	PART NUMBER	DESCRIPTION	246-9964-2/QTY.
1	244-0073-1	COVER, 4 POCKET	1
2	244-0240-1	CRUCIBLE, 4X4cc	1
3	246-0135-2	246 SOURCE SUB ASSY 1.25" (32mm)	1
4	271-6050-1	VENTED SCREW, #6-32 X 3/8" SST. SHCS	4
5	271-6073-1	VENTED SCREW, #6-32 X 7/8" SST. SHCS.	4

		27 1 007 0	1	<i>_</i> ,,
UNLESS OTHERWISE SPECIFIED		DATE mo/day/yr	MATERIAL: B.O.M	
GLOBAL TOLERANCES		DATE DATE		
INCHES [mm]		DATE	FINISH:	
.X +/03 [ 0.762 ] .XX +/- 0.01 [ 0.254 ]	DO NOT SCALE	DRAWING	THIRD ANGLE PROJECTION	
.XXX +/- 0.005 [0.127]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER - INITIAL PROJECT -	246-99xx-1 246		

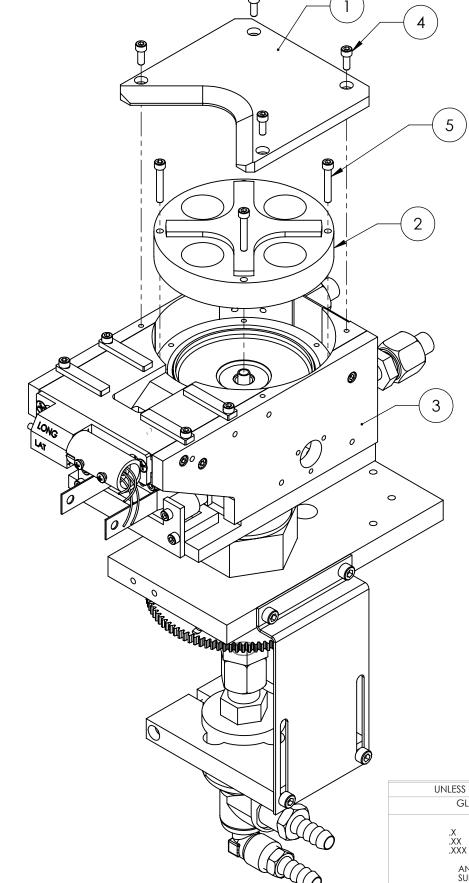
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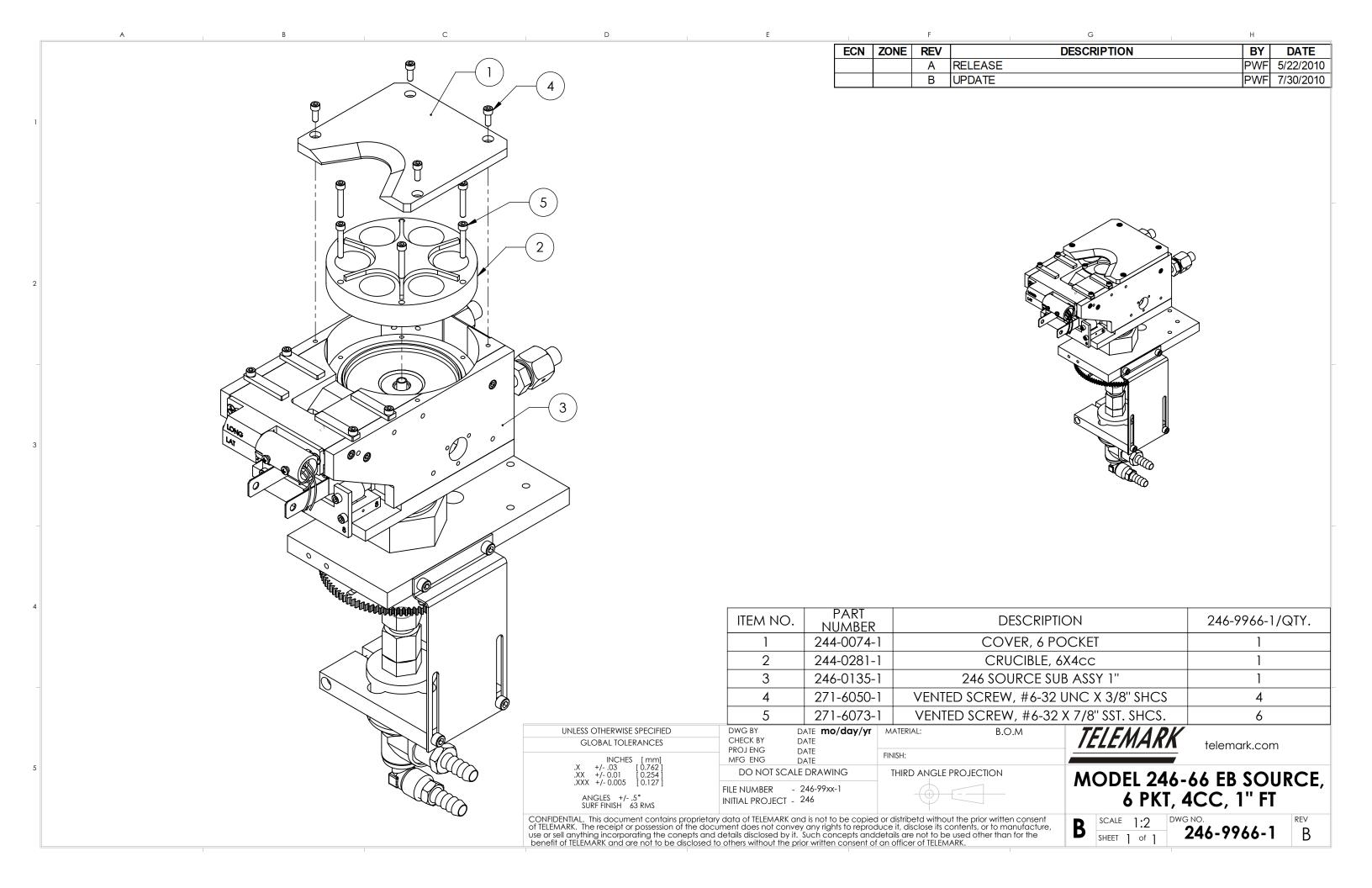
4 PKT, 4CC, 1.25"FT (32mm)

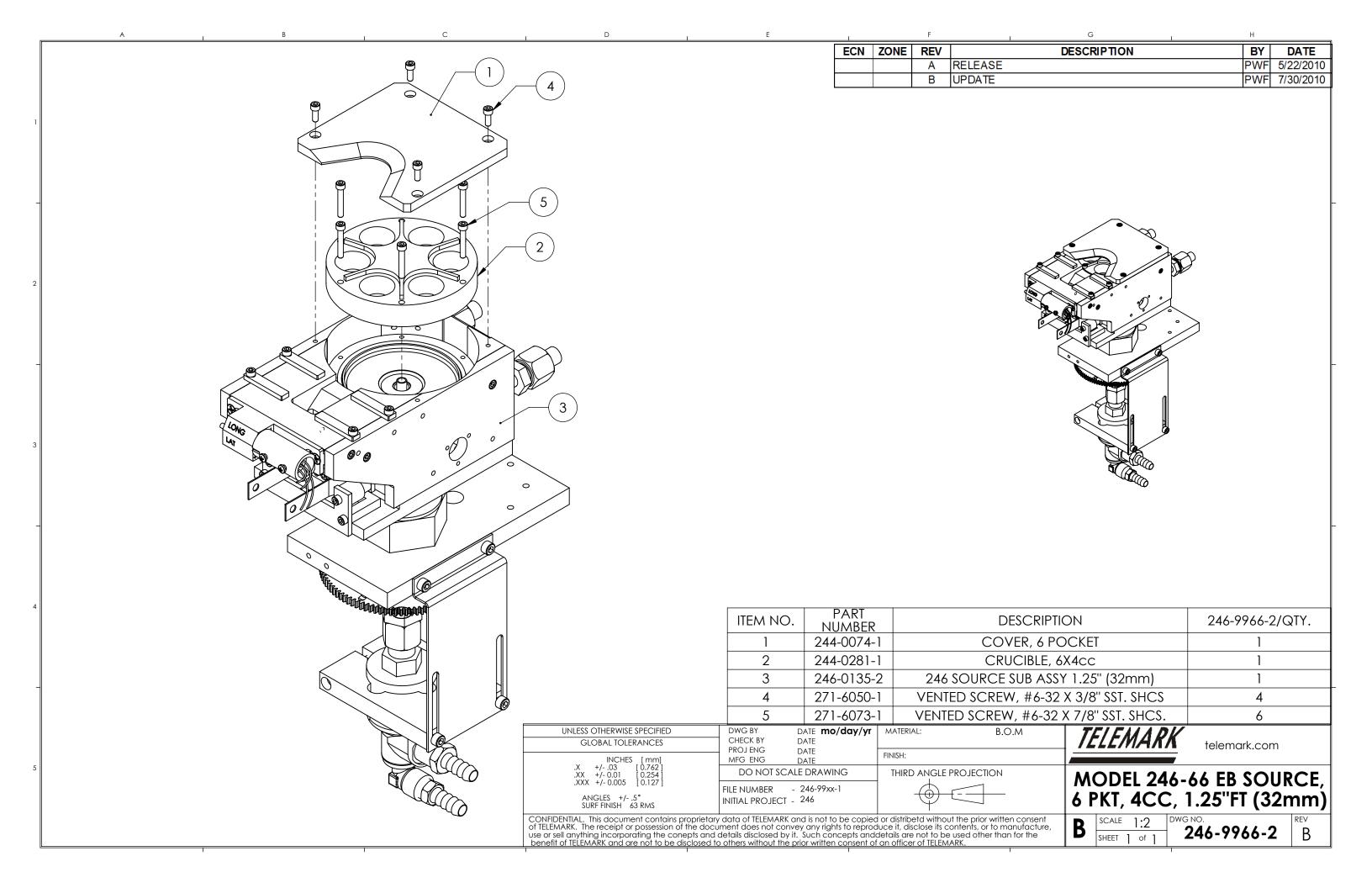
DWG NO. 246-9964-2 B

MODEL 246-64 SOURCE,

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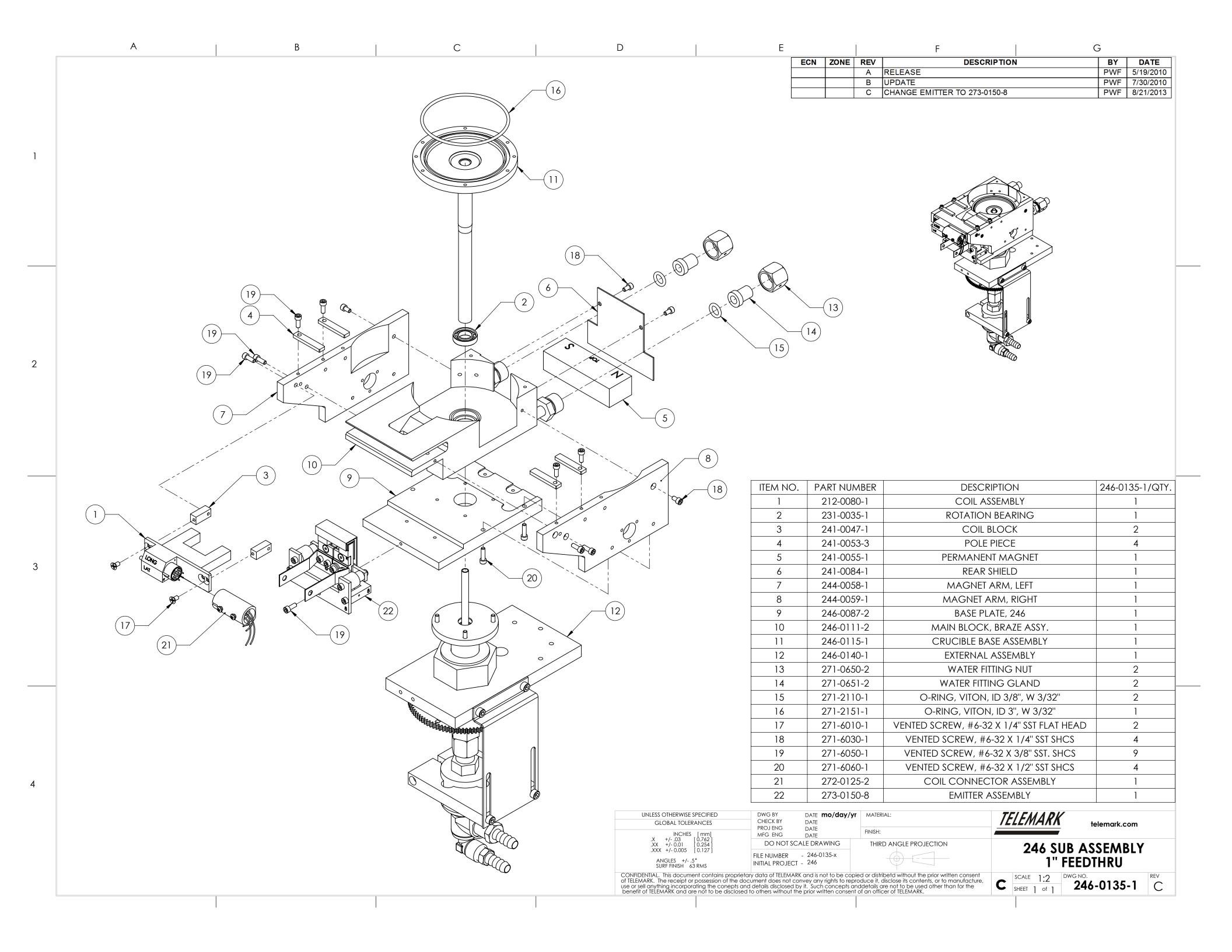


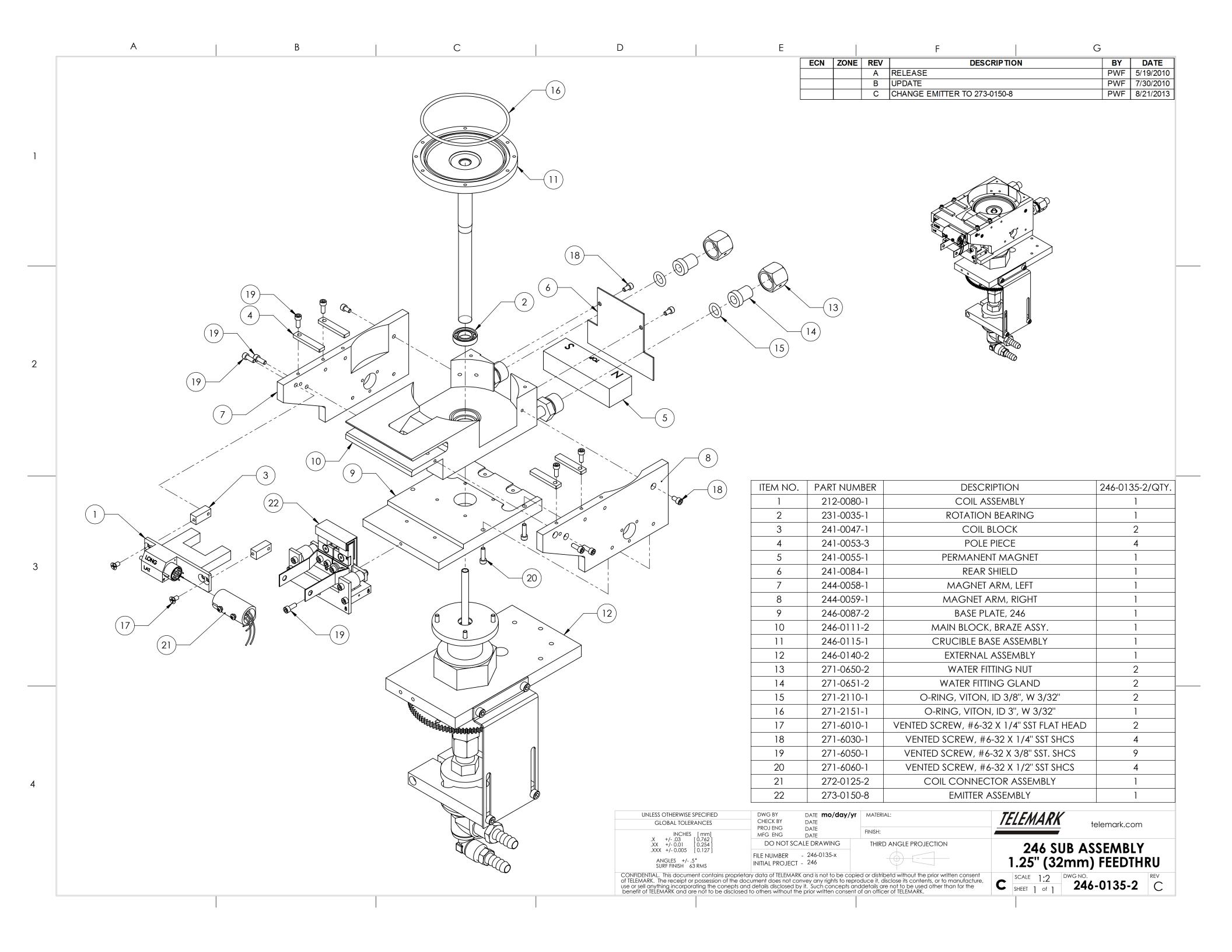


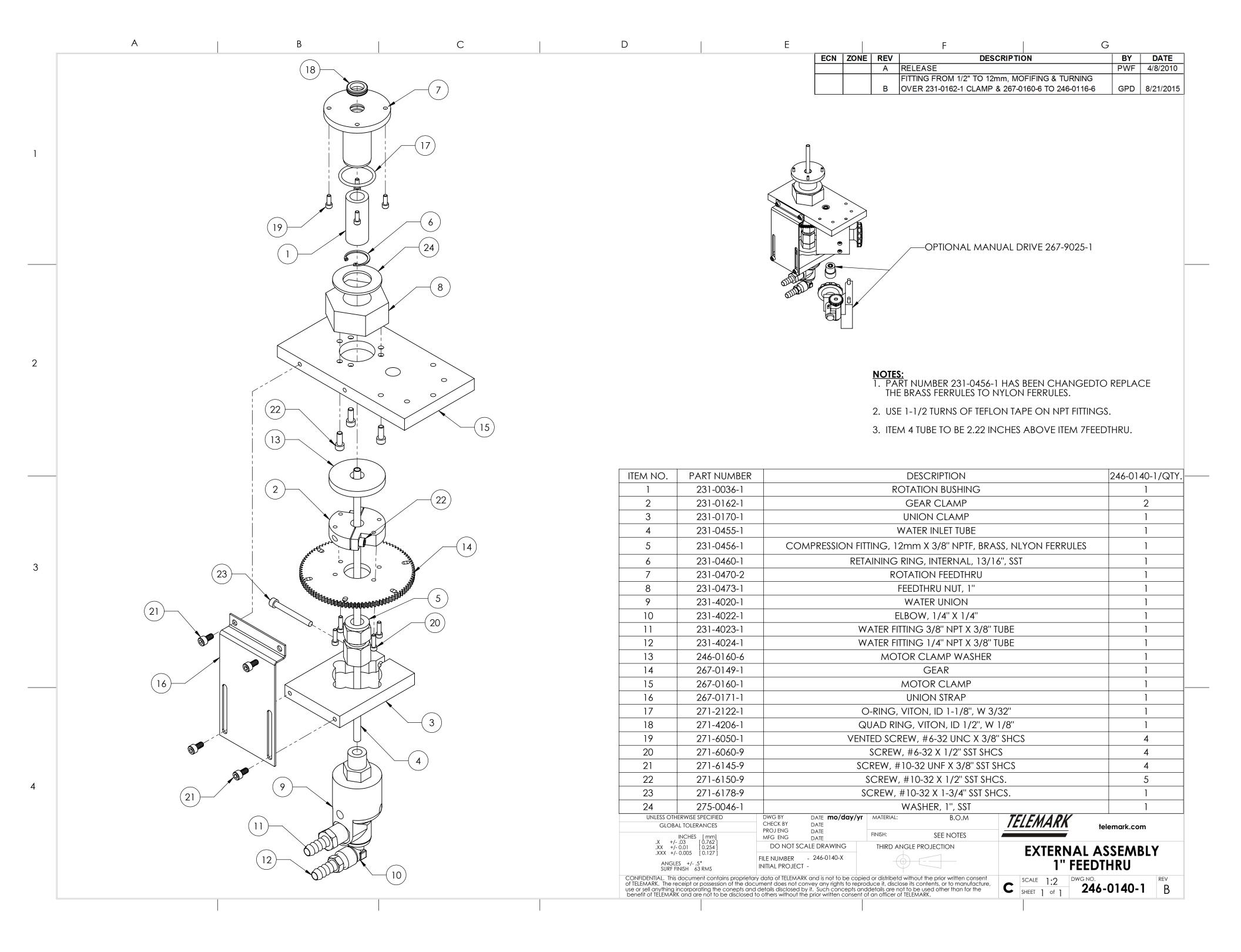


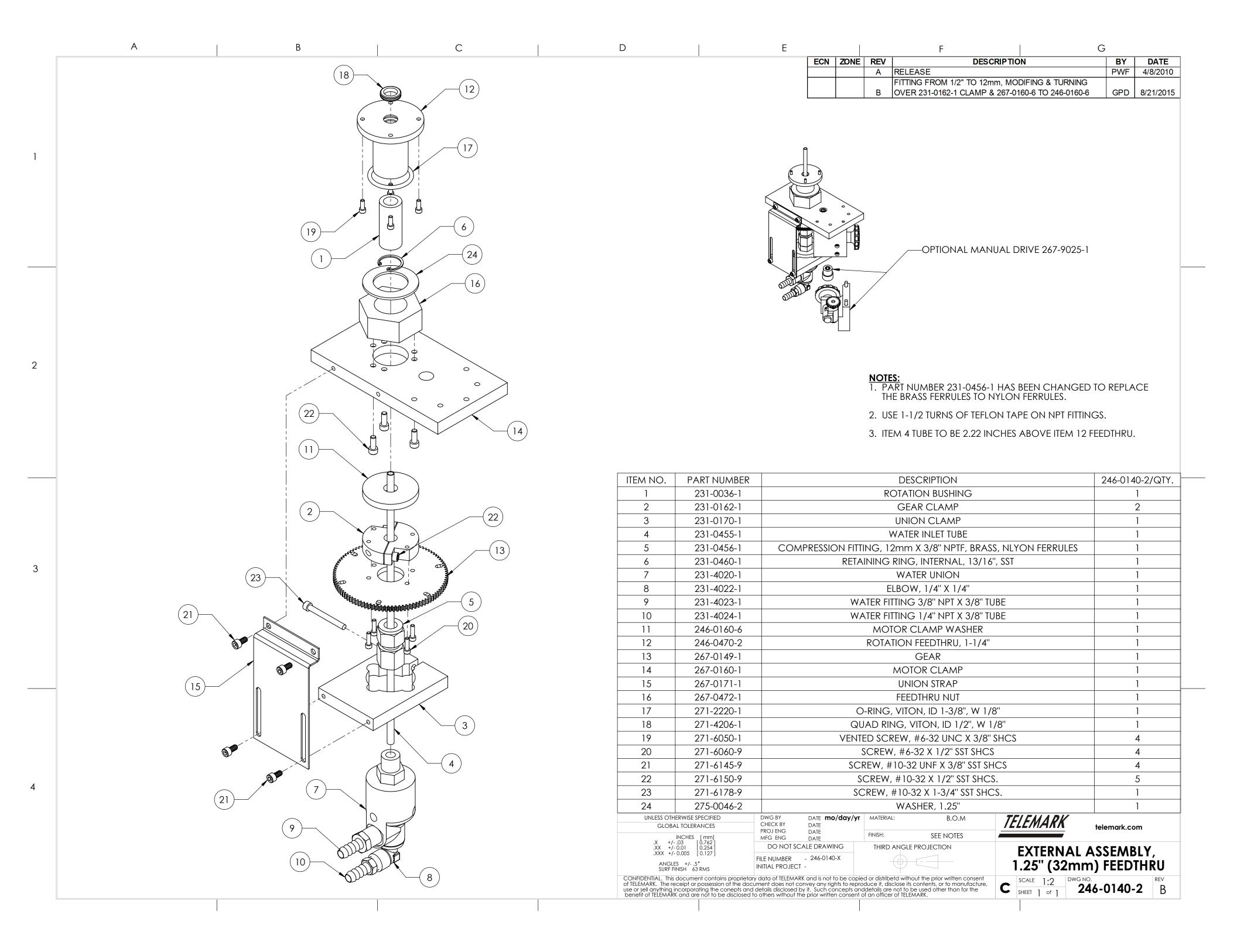
### Common Assemblies

**E-Beam Source** 





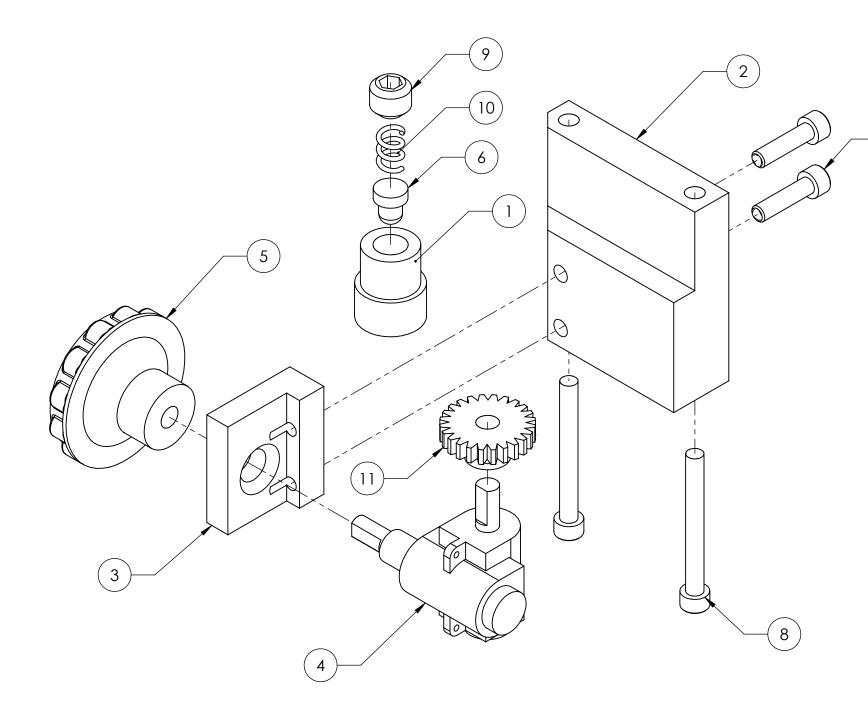


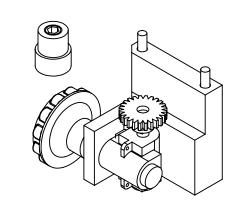


 ECN
 ZONE
 REV
 DESCRIPTION
 BY
 DATE

 A
 RELEASE
 PWF
 3/30/2010

 B
 UPDATE ITEM 7 PART NUMBER
 PWF
 10/29/2012





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	267-0164-1	PLUNGER HOUSING	1
2	267-0168-1	Rt. ANGLE MOUNT	1
3	267-0168-2	Rt. ANGLE MITER BOX MOUNT	1
4	267-9020-1	GEAR BOX	1
5	267-9023-1	GEAR BOX KNOB	1
6	271-0077-1	NYLON PLUNGER	1
7	271-6171-9	SCREW, #10-32 X 3/4" SST SHCS.	2
8	271-6178-9	SCREW, #10-32 X 1-3/4" SST SHCS.	2
9	271-6210-1	SET SCREW, 7/16-14 X 3/8"	1
10	271-6220-1	Spring	1
11	281-0150-1	GEAR, 24 TEETH	1

UNLESS OTHERWISE SPECIFIED	DWG BY CHECK BY PROJENG MFG ENG	DATE <b>mo/day/yr</b> DATE DATE DATE	MATERIAL:	B.O.M				
GLOBAL TOLERANCES  INCHES [mm]			FINISH:	SEE NOTES	_			
.X +/03 [0.762] .XX +/-0.01 [0.254]	DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION					
.XXX +/- 0.005 [ 0.127 ]  ANGLES +/5°  SURF FINISH 63 RMS	FILE NUMBER INITIAL PROJECT	- 267-9025-1 -						
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MANUAL RT. ANGLE GEAR KIT

B SCALE 1:1
SHEET 1 of 1

267-9025-1

В

