TELEMARK 528 UHV E-Beam Source Drawings

The current version of this drawing pdf can be found at

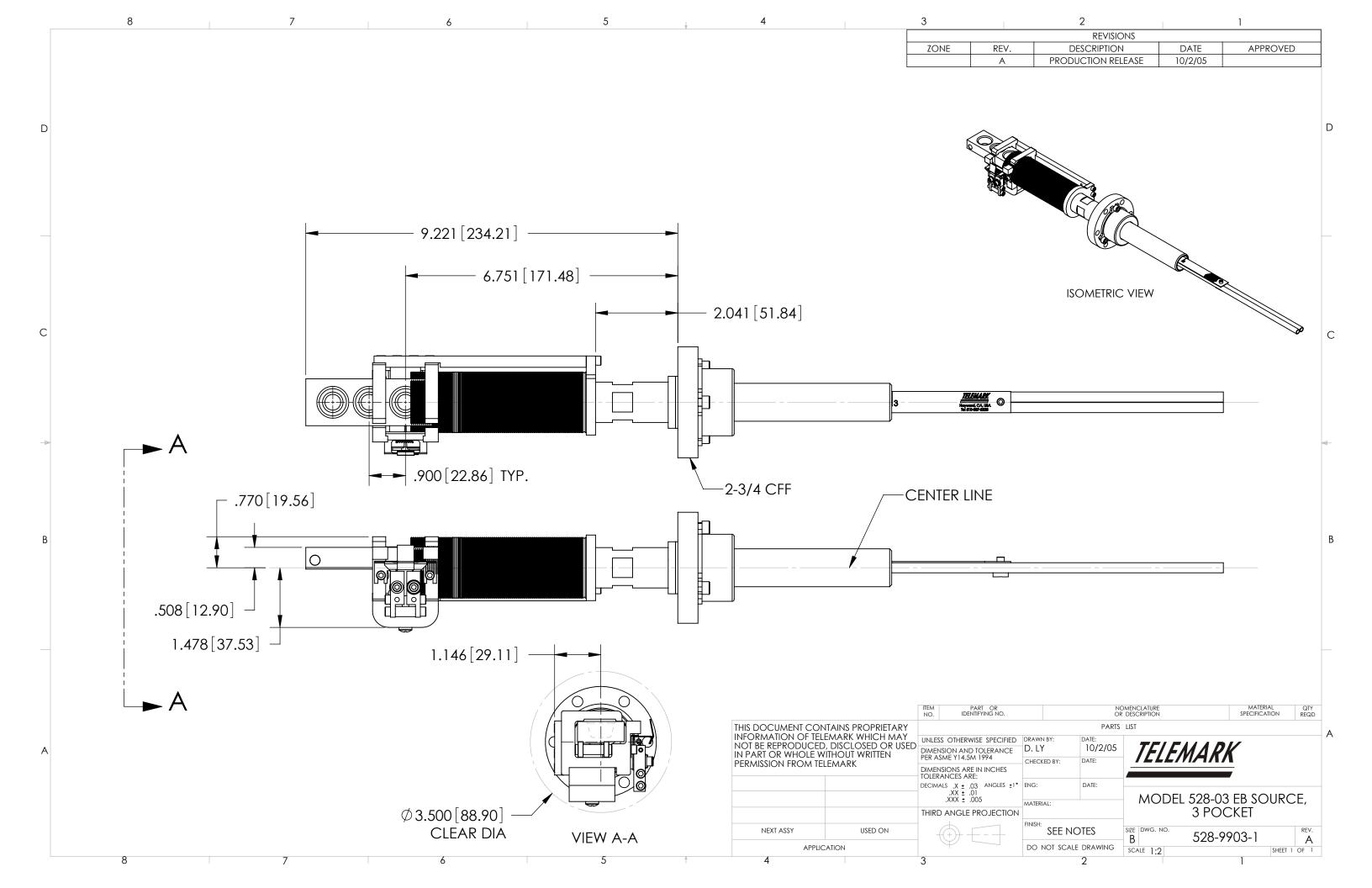
https://telemark.com/uhv-e-beam-sources/compact-linear-uhv-sources/

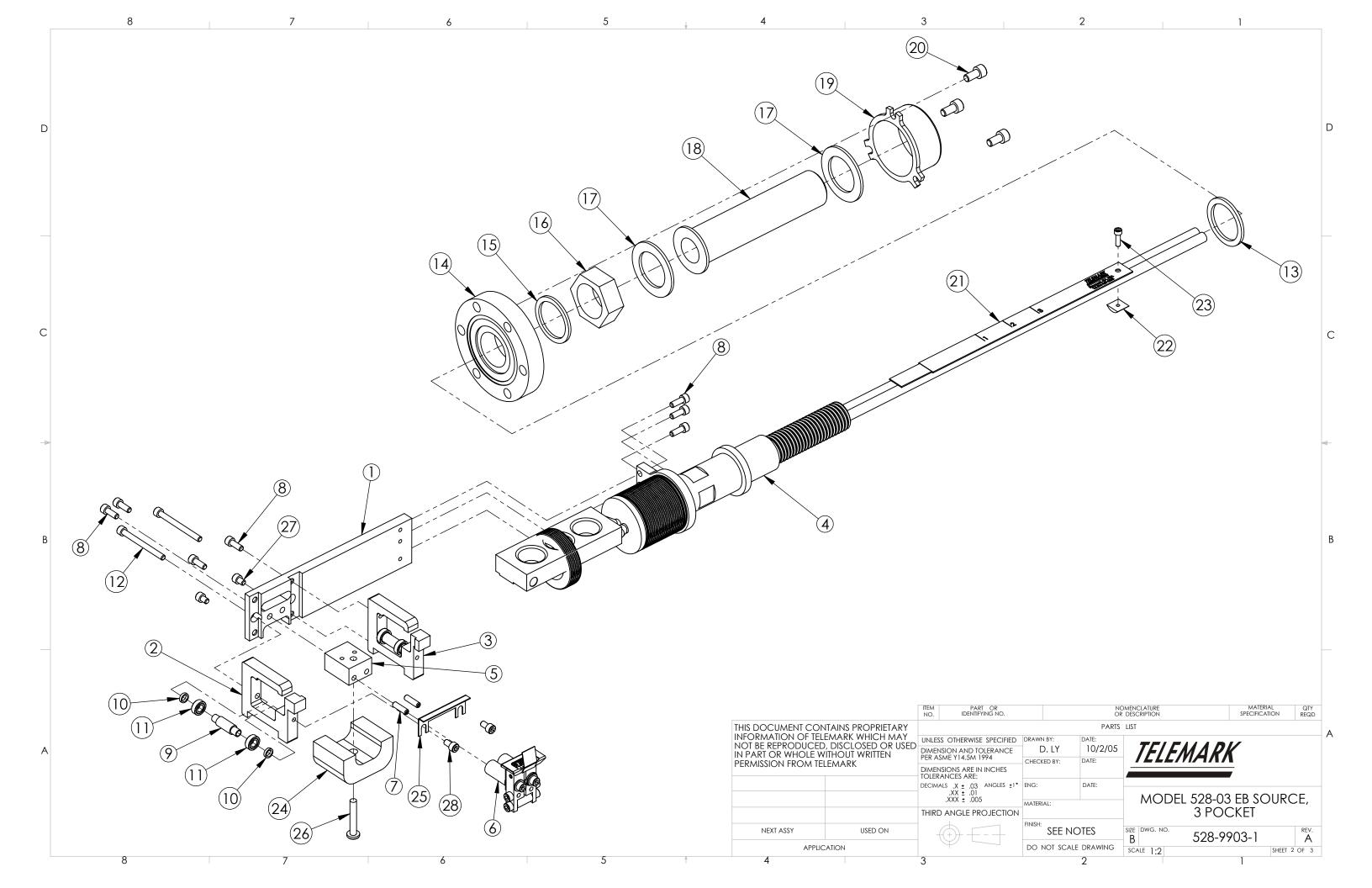
Drawing	Rev.	Description	Page
Model Assemblies			2
528-9903-1	Α	Model 528-03 EB Source, 3 Pocket	3
528-9904-1	Α	Model 528-04 EB Source, 4 Pocket	6
528-9905-1	Α	Model 528-05 EB Source, 5 Pocket	8
528-9906-1	Α	Model 528-06 EB Source, 6 Pocket	10
Common Assemblies			12
508-3150-2	Α	Emitter Assembly	13

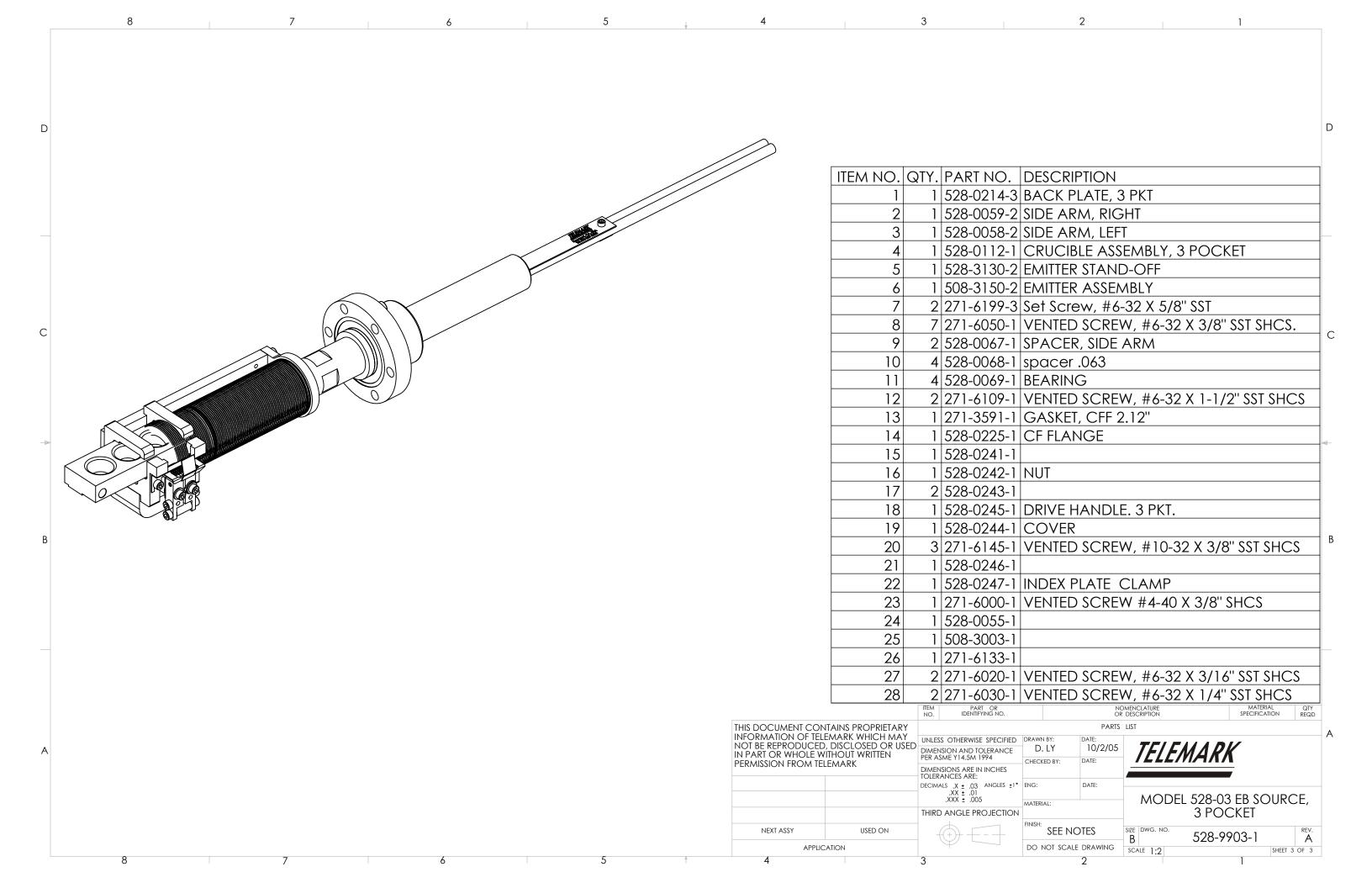


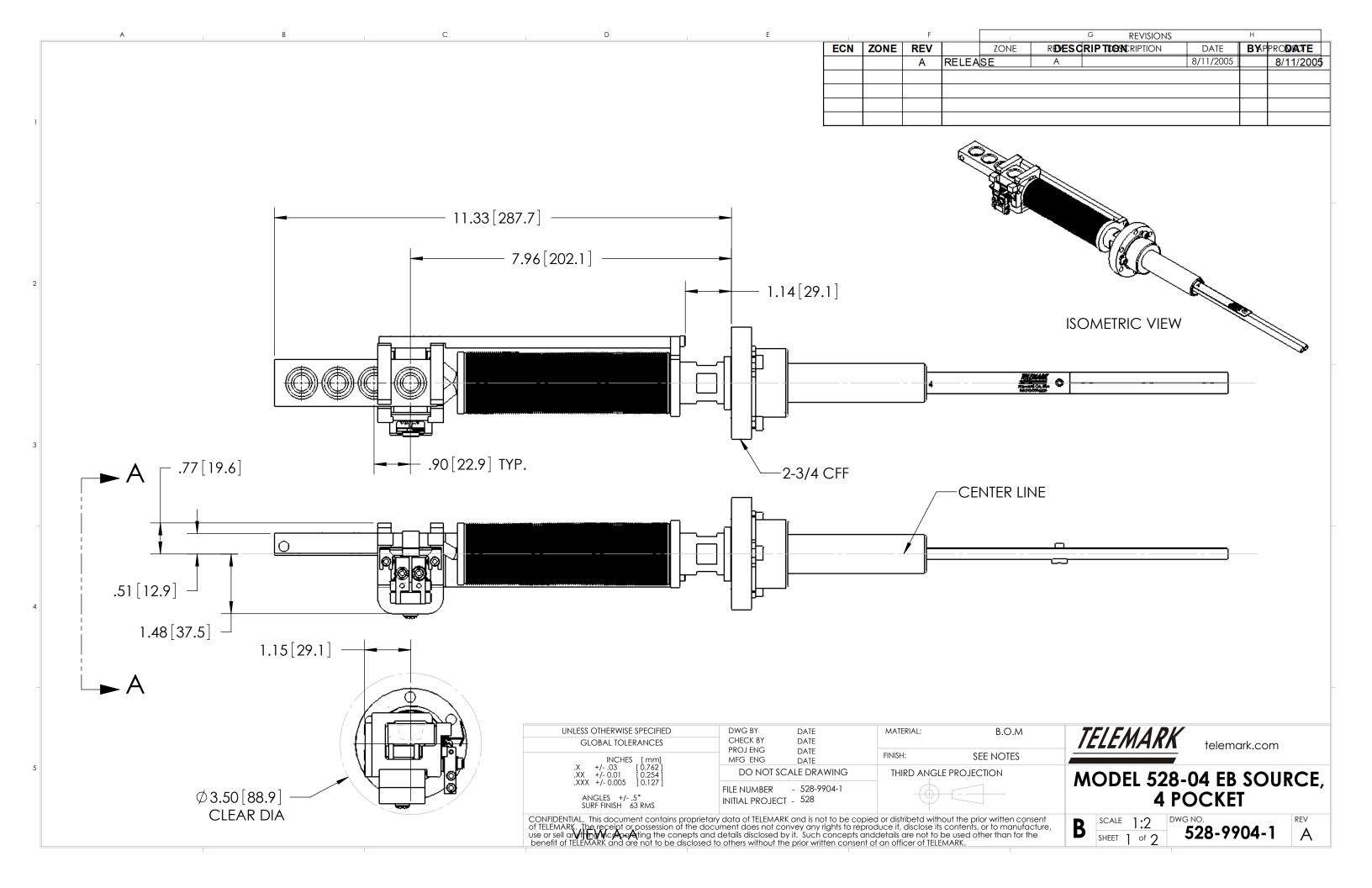
Model Assemblies

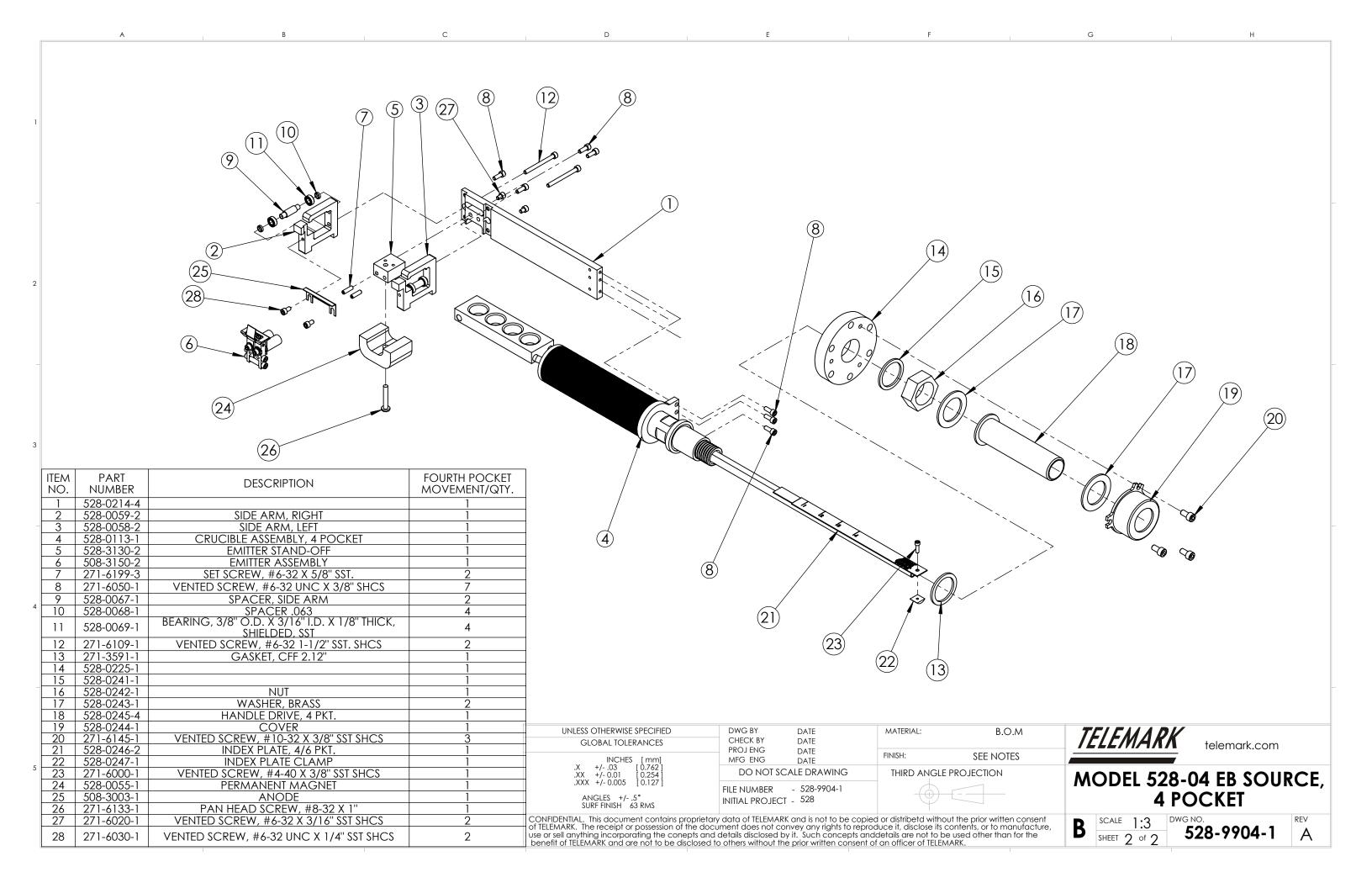
E-Beam Sources

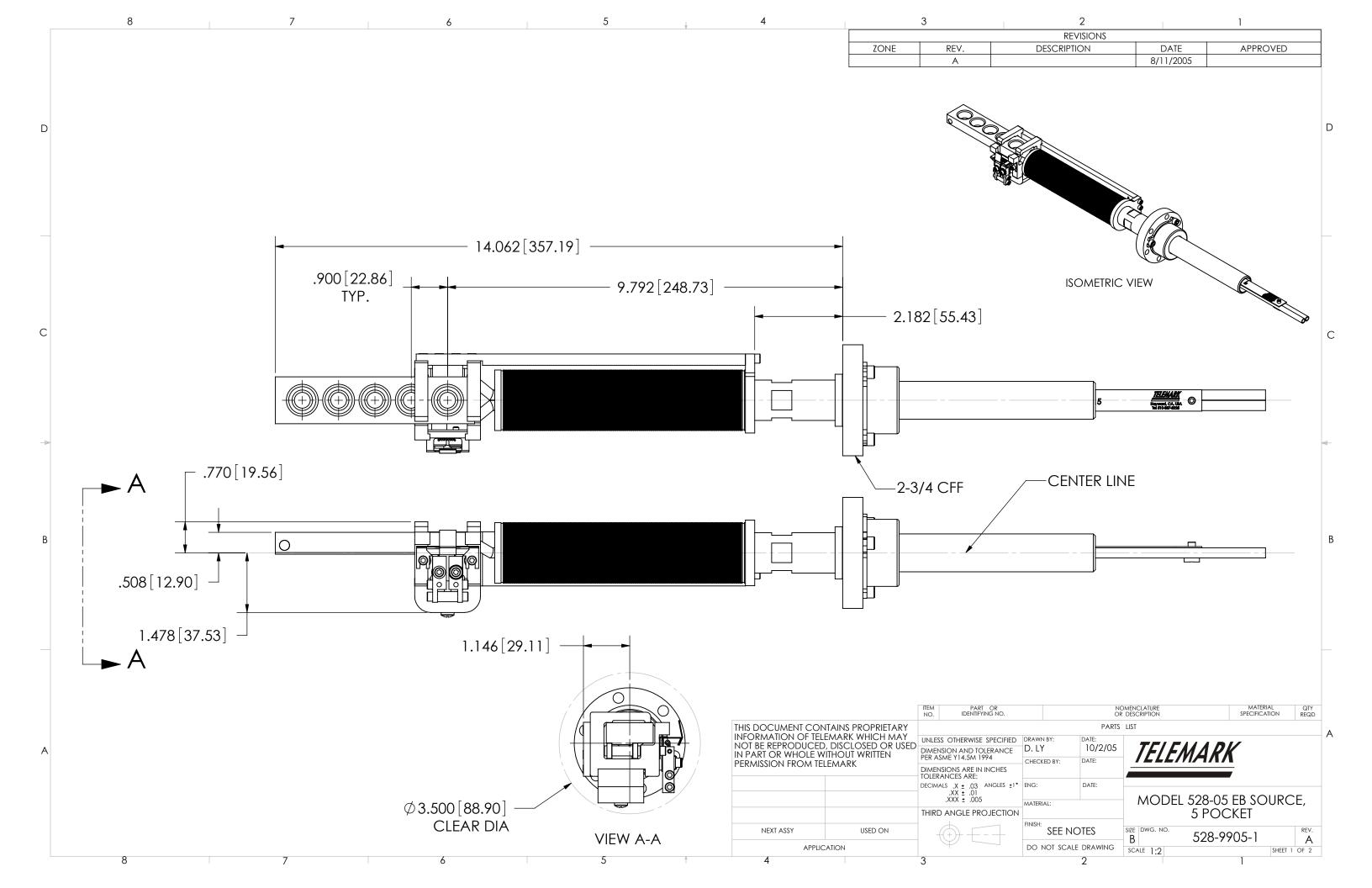




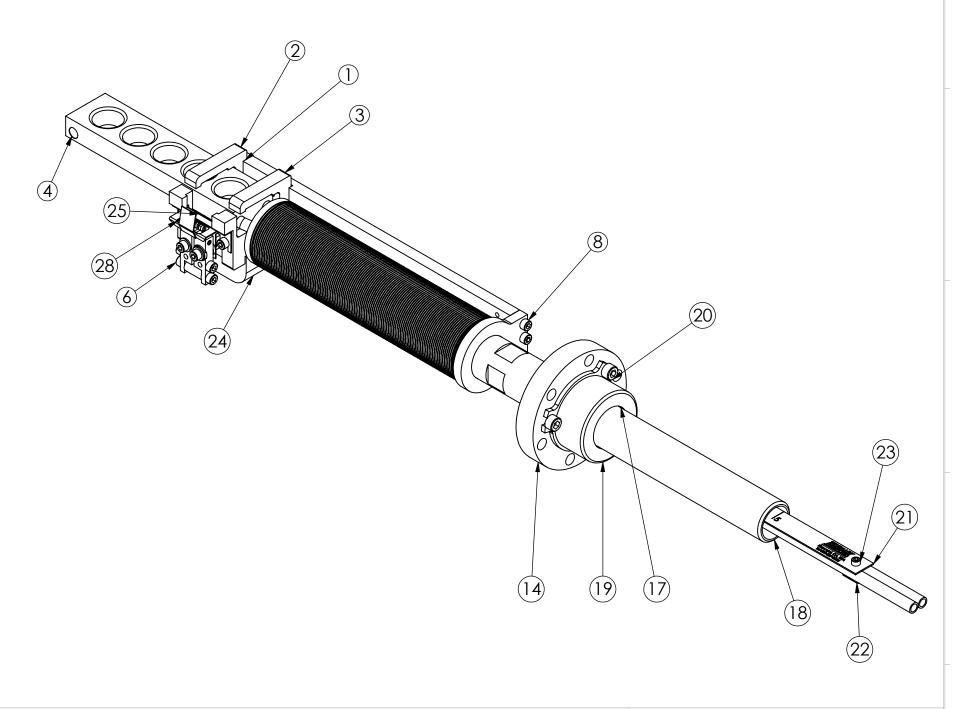








ITEM NO.	PART NUMBER	DESCRIPTION	#5 POCKET MOVEMENT/ QTY.
1	528-0214-5	BACK PLATE, 5/6 PKT.	1
2	528-0059-2	SIDE ARM, RIGHT	1
3	528-0058-2	SIDE ARM, LEFT	1
4	528-0114-1	CRUCIBLE ASSEMBLY, 5 POCKET	1
5	528-3130-2	emitter stand-off	1
6	508-3150-2	EMITTER ASSEMBLY	1
7	271-6199-3	SET SCREW, #6-32 X 5/8" SST.	2
8	271-6050-1	VENTED SCREW, #6-32 UNC X 3/8" SHCS	7
9	528-0067-1	SPACER, SIDE ARM	2
10	528-0068-1	SPACER .063	4
11	528-0069-1	BEARING, 3/8" O.D. X 3/16" I.D. X 1/8" THICK, SHIELDED, SST	4
12	271-6109-1	VENTED SCREW, #6-32 1-1/2" SST. SHCS	2
13	271-3591-1	GASKET, CFF 2.12"	1
14	528-0225-1		1
15	528-0241-1		1
16	528-0242-1	NUT	1
17	528-0243-1	WASHER, BRASS	2
18	528-0245-5	DRIVE HANDLE. 4/5 POCKET	1
19	528-0244-1	COVER	1
20	271-6145-1	VENTED SCREW, #10-32 X 3/8" SST SHCS	3
21	528-0246-1	INDEX PLATE, 3/5 PKT.	1
22	528-0247-1	INDEX PLATE CLAMP	1
23	271-6000-1	VENTED SCREW, #4-40 X 3/8" SST SHCS	1
24	528-0055-1	PERMANENT MAGNET	1
25	508-3003-1	ANODE	1
26	271-6133-1	PAN HEAD SCREW, #8-32 X 1"	1
27	271-6020-1	VENTED SCREW, #6-32 X 3/16" SST SHCS	2
28	271-6030-1	VENTED SCREW, #6-32 UNC X 1/4" SST SHCS	2



UNLESS OTHERWISE SPECIFIED GLOBAL TOLERANCES	DWG BY CHECK BY	DATE DATE	MATERIAL:	ВОМ
INCHES [mm]	PROJENG MFG ENG	DATE DATE	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	- 528-9905-1 -		

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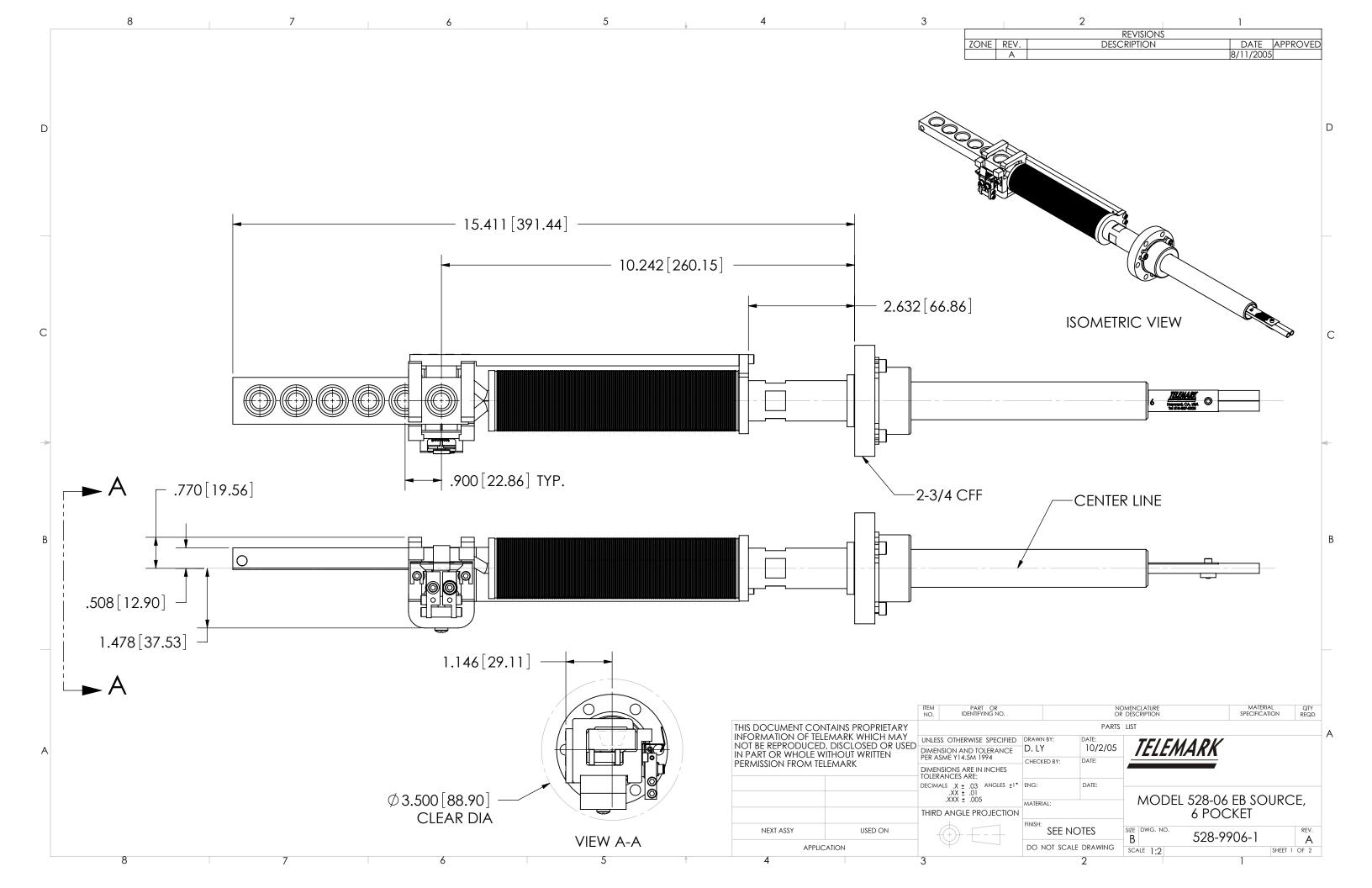
MODEL 528-05 EB SOURCE, 5 POCKET

SCALE 1:2

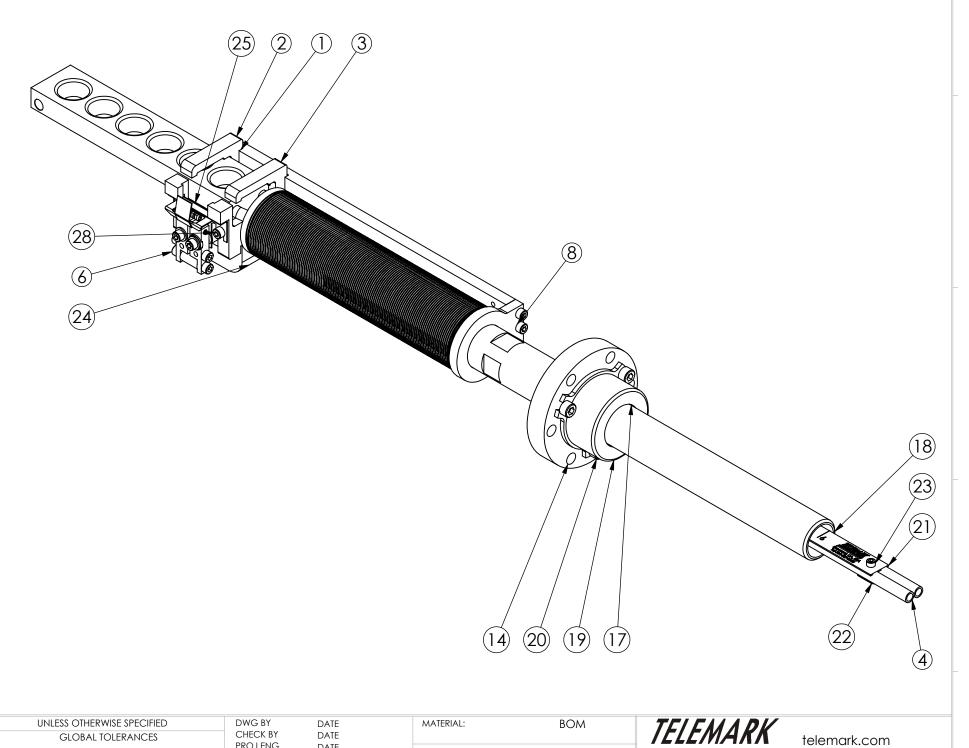
SHEET 2 of 2

528-9905-1

A



HEMINO. NUMBER DESCRIPTION M	#6 POCKET MOVEME NT/QTY. 1
2 528-0059-2 SIDE ARM, RIGHT 3 528-0058-2 SIDE ARM, LEFT 4 528-0115-1 5 528-3130-2 EMITTER STAND-OFF 6 508-3150-2 EMITTER ASSEMBLY	-
3 528-0058-2 SIDE ARM, LEFT 4 528-0115-1 5 528-3130-2 EMITTER STAND-OFF 6 508-3150-2 EMITTER ASSEMBLY	-
4 528-0115-1 5 528-3130-2 EMITTER STAND-OFF 6 508-3150-2 EMITTER ASSEMBLY	1
5 528-3130-2 EMITTER STAND-OFF 6 508-3150-2 EMITTER ASSEMBLY	I
6 508-3150-2 EMITTER ASSEMBLY	1
	1
7 271-6199-3 SET SCREW, #6-32 X 5/8" SST.	1
	2
8 271-6050-1 VENTED SCREW, #6-32 UNC X 3/8" SHCS	7
9 528-0067-1 SPACER, SIDE ARM	2
10 528-0068-1 SPACER .063	4
11 528-0069-1 BEARING, 3/8" O.D. X 3/16" I.D. X 1/8" THICK, SHIELDED, SST	4
12 271-6109-1 VENTED SCREW, #6-32 1-1/2" SST. SHCS	2
13 271-3591-1 GASKET, CFF 2.12"	1
14 528-0225-1	1
15 528-0241-1	1
16 528-0242-1 NUT	1
17 528-0243-1 WASHER, BRASS	2
18 528-0245-6 DRIVE HANDLE, 6PKT.	1
19 528-0244-1 COVER	1
20 271-6145-1 VENTED SCREW, #10-32 X 3/8" SST SHCS	3
21 528-0246-2 INDEX PLATE, 4/6 PKT.	1
22 528-0247-1 INDEX PLATE CLAMP	1
23 271-6000-1 VENTED SCREW, #4-40 X 3/8" SST SHCS	1
24 528-0055-1 PERMANENT MAGNET	1
25 508-3003-1 ANODE	1
26 271-6133-1 PAN HEAD SCREW, #8-32 X 1"	1
27 271-6020-1 VENTED SCREW, #6-32 X 3/16" SST SHCS	2
28 271-6030-1 VENTED SCREW, #6-32 UNC X 1/4" SST SHCS	2



BOMCHECK BY DATE GLOBAL TOLERANCES PROJ ENG DATE FINISH: SEE NOTES MFG ENG DO NOT SCALE DRAWING THIRD ANGLE PROJECTION FILE NUMBER - 528-9906-1 ANGLES +/- .5° SURF FINISH 63 RMS INITIAL PROJECT -CONFIDENTIAL. This document contains proprietary data of TELEMARK and is not to be copied or distribetd without the prior written consent of TELEMARK. The receipt or possession of the document does not convey any rights to reproduce it, disclose its contents, or to manufacture, use or sell anything incorporating the conepts and details disclosed by it. Such concepts anddetails are not to be used other than for the benefit of TELEMARK and are not to be disclosed to others without the prior written consent of an officer of TELEMARK.

MODEL 528-06 EB SOURCE, 6 POCKET

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Common Assemblies

E-Beam Source

ECN ZONE REV DESCRIPTION BY DATE NOTES: (UNLESS OTHERWISE SPECIFIED) 1. REMÔVE BURRS & BREAK ALL SHARP EDGES Α RELEASE FOR PRODUCTION D. LY 2/10/2011 .005-.015 RAD OR CHAMF. 2. ALL SURFACE ∨ 3. BAG WITH PART NUMBER AND REVISION. 12 10 5 ISOMETRIC VIEW ITEM NO. QTY. PART NO. DESCRIPTION 1 508-3006-1 BEAM FORMER ASSEMBLY 1 508-3032-1 CATHODE BLOCK, RIGHT Q 1 508-3031-1 CATHODE BLOCK, LEFT 2 273-0010-1 HV INSULATOR 2 271-6242-1 FLAT WASHER, #6 SST. 2 273-0006-1 INSULATOR, COLLAR 1 508-3001-1 FILAMENT, 7 TURN 8 508-3009-1 MIDDLE INSULATOR 2 271-6211-1 SET SCREW, #6-32 X 3/16 SST 2 271-6040-1 VENTED SCREW, #6-32 X 5/16 SST SHCS 10 2 271-6060-1 VENTED SCREW, #6-32 X 1/2" SST SHCS 11 2 271-6030-1 VENTED SCREW, #6-32 X 1/4" SST SHCS **UNLESS OTHERWISE SPECIFIED** DWG BY **D. LY** DATE **2/10/11** MATERIAL: B.O.M CHECK BY DATE **GLOBAL TOLERANCES** 1801 SE Commerce Ave PROJ ENG DATE Battle Ground, WA 98604 FINISH: SEE NOTES MFG ENG DATE .X +/- .03 .XX +/- 0.01 .XXX +/- 0.005 DO NOT SCALE DRAWING THIRD ANGLE PROJECTION **EMITTER ASSEMBLY** FILE NUMBER - 508-3150-2 ANGLES +/- .5° SURF FINISH 63 RMS INITIAL PROJECT -CONFIDENTIAL. This document contains proprietary data of TELEMARK and is not to be copied or distribetd without the prior written consent of TELEMARK. The receipt or possession of the document does not convey any rights to reproduce it, disclose its contents, or to manufacture, use or sell anything incorporating the conepts and details disclosed by it. Such concepts and details are not to be used other than for the B 508-3150-2 benefit of TELEMARK and are not to be disclosed to others without the prior written consent of an officer of TELEMARK