



Add 3/8-16 SST EQ Stop Nut  
> D1100980  
Modified Ruland TSP-6-16-SS.  
Change screws on clamp to  
Ag-plated (C-606-NA).

SEE NOTE 5

ADDITIONAL NOTES:

- IT IS POSSIBLE TO INSTALL A PIVOT BOLT IN EITHER POSITION. ONLY ONE IS REQUIRED, AND THE CENTRAL POSITION WILL PERFORM BETTER. ACCESS IS LIMITED HOWEVER.
- EACH TMS HAS TWO TOP STAGE CARTRIDGES. IN ONE INSTANCE (OUT OF FOUR), REPLACE PART 0060329, WITH PART D0901439.

ITEM	QTY	SPARE/OTAL	PART NUMBER	DESCRIPTION	MATERIALS
23	1		D1100785-472	1/4 WASHER	NITRONIC 60
1	1		0000305	ROTATIONAL ADJUSTER, STATIC HALF	ST. ST.: 304/316
2	2		0000329	3/8-16 UNC X 1.000 IN. NUT; BASED ON W/ROD 2410 W/20	ST. STEEL: 304/316
3	1		0000329	TOP STAGE STOP BACK	AL ALLOY: 6061
4	1		0000330	ROTATIONAL ADJUSTER, BASE PLATE	ST. STEEL: 304/316
5	1		0000331	JACKING SCREW F/ EARTHQUAKE STOP	ST. STEEL: 304/316
6	1		0000332	WIRE CLAMP, TOP STAGE	ST. STEEL: 304/316
7	5		0010140	TOP STAGE BLADE WIRE CLAMP SHIM	AL ALLOY: 5083 OR SIMILAR
8	1		0000329	TOP STAGE STOP BACK	AL ALLOY: 6061
9	1		D1200116	TOP STAGE BLADES	MARAGING STEEL 250
10	1		0000329-001	BLADE CLAMP, TOP HALF	ST. STEEL: 304/316
11	1		0000329-001	BLADE CLAMP, TOP HALF	ST. STEEL: 304/316
12	2		D1100785-375	1/4" 20 UNC BUSHING	NITRONIC 60
13	11		1185-4EN375	1/4" 20 X 1.25 UNC THREAD INSERT	
14	7		C-2016-NA	1/4" 20 UNC X 1.1" CAP HEAD	ST. STEEL 316, SILVER PLATED
15	1		D1101960	1/4" 20 UNC X 1.1" CAP HEAD, SPHERICAL TIP	
16	2		C-2020-NA	1/4" 20 UNC X 1.25" CAP HEAD	
17	1		C-2024-NA	1/4" 20 UNC X 1.5" CAP HEAD	ST. STEEL 316, SILVER PLATED
18	5		1185-6EN562	3/8-16 X 1.00 UNC THREAD INSERT	
19	2		1185-6EN375	3/8-16 X 1.00 UNC THREAD INSERT	
20	2		C-1628-NA	3/8-16 UNC X 1.125" CAP HEAD	ST. STEEL 316, SILVER PLATED
21	2		C-1648-NA	3/8-16 UNC X 1.375" CAP HEAD	ST. STEEL 316, SILVER PLATED
22	2		D1100785-562	3/8 FLAT WASHER	NITRONIC 60

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. REMOVE ALL SHARP EDGES.

2. DO NOT SCALE FROM DRAWING.

3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)

DIMENSIONS ARE IN mm (INCHES)

TOLERANCES:

Ø .XX ±0.01 (F)

ANGULAR ±0.5°

NAME: AS DRW

FINISH: AS DRW

SCALE: 1:21 PRODUCTION

CALIFORNIA INSTITUTE OF TECHNOLOGY  
GLASSBORO UNIVERSITY GEC ROSS GROUP  
RUTHERFORD APPLETON LABORATORIES

SYSTEM: aLIGO

SUB-SYSTEM: SUS

NEXT ASSY: D1000549

PART NAME: BLADE CARTRIDGE

DATE: 15/MAR/10

DRG. NO.: D1200120

SHEET 1 OF 3