



PLATES	A	B	C	D	E	WEIGHT (LBS.)	REPLACED BY	
	±1/8	±1/16	±1/32	±1/32			MARK No.	GTS DWG.
SP-417R	32	30-5/8	25-23/32	19-21/32	5°	52.6		
SP-418R	33-3/4	32-3/8	27-15/32	21-13/32	5°	55.2		
SP-437R	32	30-5/8	25-22/32	19-5/8	5°	52.6		
SP-438R	33-9/16	32-3/16	27-17/32	21-15/32	5°	55.2		
SP-452R	33-1/2	32-1/8	27-7/32	21-5/32	6°	54.8		
SP-478R	32	30-5/8	25-23/32	19-5/8	3°	52.6		
SP-479R	33	31-5/8	26-25/32	20-11/16	3°	54.0		
SP-489R	32-1/2	31-1/8	26-15/32	20-3/8	3°	53.3		
SP-490R	33-3/4	32-3/8	27-17/32	21-7/16	3°	55.2		
FP-519R	32	30-5/8	25-19/32	19-17/32	4°	52.6		
FP-522R	32-1/2	31-1/8	25-26/32	19-3/4	4°	53.3		
FP-557R	33-1/4	31-7/8	27-13/32	21-11/32	5°	54.4		
FP-578R	33	31-5/8	26-31/32	20-7/8	3°	54.0		
FP-579R	32	30-5/8	25-29/32	19-13/16	3°	52.6		
FP-584R	32	30-5/8	26-1/32	20	7°	52.6		
FP-589R	32	30-5/8	25-29/32	19-7/8	7°	52.6		
FP-669R	32	30-5/8	26	19-15/16	6°	52.6		
FP-672R	32	30-5/8	26-1/32	20	7°	52.6		
FP-677R	32	30-5/8	25-19/32	19-17/32	5°	52.6		
FP-678R	33-1/2	32-1/8	27-14/32	21-3/8	5°	54.8		
FP-790R	32-1/2	31-1/8	26-11/32	20-1/4	4°	57.0		
FP-791R	31	29-5/8	24-31/32	18-7/8	4°	55.0		
FP-811R	31-1/4	29-7/8	25-3/16	19-3/32	4°	55.0		
FP-812R	32-3/4	31-3/8	26-19/32	20-1/2	4°	57.0		

### NOTES

1. WHEN REFERRING TO SWITCH PLATES, PLAN AND PLATE NUMBERS MUST BE STATED TO INDICATE SPECIFIC PLATE REQUIRED.
2. IDENTIFICATION CHARACTERS ( 1/2" MINIMUM HEIGHT) TO BE STAMPED ON EACH PLATE AS SHOWN.
3. ALL DIMENSIONS ARE IN INCHES.
4. UNLESS OTHERWISE SPECIFIED ALL TOLERANCES TO BE ±1/32.
5. TOLERANCES ARE NOT TO EXCEED THOSE INDICATED IN THE GO TOLERANCE DRAWINGS.

### MATERIAL

PLATES TO CONFORM TO THE LATEST REVISION OF A.S.T.M. SPECIFICATION A-36 FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL CHEMICAL REQUIREMENT.

	MINIMUM	MAXIMUM
CARBON	0.25 %	0.29 %
MANGANESE	0.60 %	1.20 %
PHOSPHORUS		0.04 %
SULPHUR		0.05 %
SILICON		0.40 %

### METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

No.	Date	Revision	By Approved
1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
Standard/		<b>FROG PLATES RIGHT HAND</b>	
Drawn	RFP	Checked	GGG
		Approved	<i>[Signature]</i> VP Engineering & Asset Management
Date	SEPT 15/2017	Plan Number	GTS-0546
		Rev	1
REFERENCE: TS-0546_1_R13		Sheet 1 OF 2	