

ITEM	QTY	DESCRIPTION
1	6	SHORT NAME: NUT TYPE:THROUGH GLAND MANUFACTURER_NAME:BOB JOHNSON & ASSO MANUFACTURER_PART_NUMBER:2-0271
2	35	SHORT_NAME: FLAT WASHER SIZE: M20 INSIDE_DIAMETER: 21 OUTSIDE_DIAMETER: 37 THICKNESS: 3 MATERIAL: CARBON STEEL B INDUSTRY_STANDARD: DIN 125/ISO 7089
3	40	SHORT_NAME:BOLT,U TYPE:STD THREAD_TYPE:COARSE LENGTH:9.5/8 IN THREAD_LENGTH:2 IN MATERIAL:CS MATERIAL_SPECIFICATION:SAE 1020,ASTM A153,ANSI UNC FINISH:ZINC PLATED HOT DIP GALV LOAD_RATING:1460 LBS AT 650 DEG F,1144 LBS AT 750 DEG F MAX SIZE:3/8 IN ROD SPECIAL_FEATURES:LEGS THD 1.3/4 IN,UNKN,W/4 ManufacturerREYNOLDS FASTENERS Manufacturer Part No: 137
4	20	SHORT_NAME:BOLT,U TYPE:STD THREAD_TYPE:COARSE LENGTH:8.3/8 IN THREAD_LENGTH:1.1/2 IN MATERIAL:CS MATERIAL_SPECIFICATION:SAE 1020,ASTM A153,ANSI UNC FINISH:ZINC PLATED HOT DIP GALV LOAD_RATING:2700 LBS AT 650 DEG F,2114 LBS AT 750 DEG F MAX SIZE:ROD 1/2 IN DIA SPECIAL_FEATURES:LEGS THD 1.1/2 IN,UNKN,W/4 HEX N UTS TO RUN FULL LG OF THD,F/1.1/2 IN PIPE PN:FIGURE 137 MANUFACTURER_NAME:REYNOLDS FASTENERS MANUFACTURER_PART_NUMBER:137

5	3	SHORT_NAME: STUDBOLT SIZE:F/4.1/16 IN CLASS 3000 FLANGE NUT_TYPE: HEAVY SERIES SPECIAL_FEATURES:FOR 4.1/16IN CLASS 3000 FLANGE MANUFACTURER_NAME: ROLLSTUD
6	6	TYPE:STD SHORT_NAME:BOLT,U THREAD_TYPE:COARSE LENGTH:6 IN THREAD_LENGTH:1 IN MATERIAL:CS 7318150000 MATERIAL_SPECIFICATION:SAE 1020,ASTM A153,ANSI UNC FINISH:ZINC PLATED HOT DIP GALV LOAD_RATING:1460 LBS AT 650 DEG F,1144 LBS AT 750 DEG F MAX SIZE:ROD 3/8 IN DIA SPECIAL_FEATURES:LEGS THD 1.1/4 IN,UNKN,W/4 HEX NUT TO R UN FULL LG OF THD,F/1 IN PIPE,PN:FIGURE 137 MANUFACTURER_NAME:REYNOLDS FASTENERS MANUFACTURER_PART_NUMBER:137
7	11	SHORT_NAME:BOLT,U TYPE:STD THREAD_TYPE:COARSE THREAD_LENGTH:1/2 IN MATERIAL:CS MATERIAL_SPECIFICATION:SAE 1020,ASTM A153,ANSI UNC FINISH:ZINC PLATED HOT DIP GALV LOAD_RATING:580 LBS AT 650 DEG F,454 LBS AT 750 DEG F MAX SIZE:1/4 IN ROD SPECIAL_FEATURES:LEGS THD 7/8 IN,UNKN,W/4 HEX NUT S TO RUN FULL LG OF THD,F/1/2 IN PIPE,QUOTING PN:FIG 137 MANUFACTURER_NAME:REYNOLDS FASTENERS MANUFACTURER_PART_NUMBER:137
8	17	SHORT_NAME: STUDBOLT SIZE: 7/8 IN-9 THREAD_TYPE: UNC LENGTH: 160MM MATERIAL_SPECIFICATION: SA 193 GR B7/SA 194 GR 2H FINISH: XYLAN 1070 BLUE COATING NUT_TYPE: HEAVY HEX NUMBER_OF_NUTS: 2 SPECIAL_FEATURES: BOLTING TO HAVE MANUFACTURER_NAME: SUNG JIN-GEOTEC MANUFACTURER_PART_NUMBER: S2A-5 RSPL ITEM 37
9	62	SHORT_NAME: STUDBOLT Manufacturer: IMODCO

10	25	<p>SHORT_NAME:SCREW,CAP  HEAD_TYPE:ALLEN  SIZE:M8  LENGTH:20  SPECIAL_FEATURES:DRAWING TITLE 16 IN ASME  150 BFV-REV A3 SHEET 2/2  DRAWING NO  VAL-B-16-150-S-01-000 ITEM  NO 5  MANUFACTURER_NAME:CONSTELLATION ENG</p>
11	6	<p>SHORT_NAME:FLANGE  SIZE:3/4 IN  FLANGE_FACING:FF  PRESSURE_RATING:CL 150  MATERIAL:PVC  MANUFACTURER_NAME:SPECIALTY  MANUFACTURER_PART_NUMBER:FPVC-34</p>
12	40	<p>SHORT_NAME:NUT,LOCK  TYPE:CABLE GLAND  SIZE:1/2 IN  MATERIAL:BRASS  FINISH:NICKEL PLATED  SPECIAL_FEATURES:NPT  Manufacturer:  CROUSE-HINDS  Manufacturer Part No: CAPRI:280124</p>
13	26	<p>SHORT_NAME: BOTTOM CLAMP ASSEMBLY  TYPE: HEAVY SERIES  MATERIAL: CLAMP BODY: POLYPROPYLENE  INDUSTRY_STANDARD: DIN 3015  SPECIAL_FEATURES: INSTALLATION ON MOUNTING RAIL NUT  CLAMP BODY: PROFILED DESIGN  SAFETY LOCKING PLATE  WITH STACKING BOLTS  THREAD TYPE: METRIC ISO  METAL PARTS MADE OF  CARBON STEEL, ZINC/NICKEL PLATED  MANUFACTURER_NAME: STAUFF  MANUFACTURER_PART_NUMBER: GMV-6054-PP-SIP-AF-M-W3</p>

14	16	<p>SHORT_NAME: SINGLE CLAMP ASSEMBLY  TYPE: HEAVY SERIES  MATERIAL: CLAMP BODY: POLYPROPYLENE  INDUSTRY_STANDARD: DIN 3015  SPECIAL_FEATURES: INSTALLATION ON MOUNTING RAIL NUT  CLAMP BODY: PROFILED DESIGN  COVER PLATE FOR SINGLE CLAMPS WITH HEX HEAD BOLTS  THREAD TYPE:  METRIC ISO  METAL PARTS MADE OF  CARBON STEEL,ZINC/NICKEL PLATED  MANUFACTURER_NAME: STAUFF  MANUFACTURER_PART_NUMBER: GMV-6054-PP-DPAL-AS-M-W3</p>
15	13	<p>SHORT_NAME: BOTTOM CLAMP ASSEMBLY  TYPE: HEAVY SERIES  MATERIAL: CLAMP BODY: POLYPROPYLENE  INDUSTRY_STANDARD: DIN 3015  SPECIAL_FEATURES: INSTALLATION ON MOUNTING RAIL NUT  CLAMP BODY: PROFILED DESIGN  SAFETY LOCKING PLATE  WITH STACKING BOLTS  THREAD TYPE: METRIC ISO  METAL PARTS MADE OF  CARBON STEEL, ZINC/NICKEL PLATED  MANUFACTURER_NAME: STAUFF  MANUFACTURER_PART_NUMBER: GMV-6054-PP-SIP-AF-M-W3</p>
16	8	<p>SHORT_NAME: SINGLE CLAMP ASSEMBLY  TYPE: HEAVY SERIES  MATERIAL: CLAMP BODY: POLYPROPYLENE  INDUSTRY_STANDARD: DIN 3015  SPECIAL_FEATURES: INSTALLATION ON MOUNTING RAIL NUT  CLAMP BODY: PROFILED DESIGN  COVER PLATE FOR SINGLE CLAMPS WITH HEX HEAD BOLTS  THREAD TYPE:  METRIC ISO  METAL PARTS MADE OF  CARBON STEEL,ZINC/NICKEL PLATED  MANUFACTURER_NAME: STAUFF  MANUFACTURER_PART_NUMBER: GMV-6054-PP-DPAL-AS-M-W3</p>

<p>17</p>	<p>6</p>	<p>SHORT_NAME: HOSE ASSEMBLY  TYPE: METHANOL OIL FLAT  INSIDE_DIAMETER: 4 INCH  LENGTH: 70 M  2  PRESSURE_RATING: 20 BAR WORKING PRESSURE  SPECIAL_FEATURES: END 1: 4 IN FLANGE ANSI 150LB  STAINLESS STEEL  END 2: 4 IN TODO STAINLESS STEEL  COMPONENTS: HOSE SUPPLY OILFLAT STT 4", PART NO: 10217-64  DDC HOSE UNIT 4" FPM A316 MANNTEK,PART NO: 44005-864  BREAKAWAY 4" MT NPT FEM A316,PART NO: 934-864  MANUFACTURER_NAME: TESS  MANUFACTURER_PART_NUMBER: 40094100</p>
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