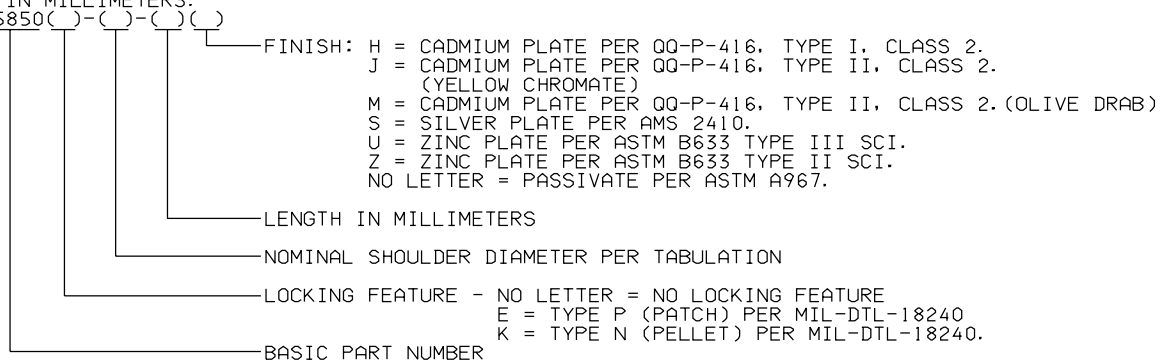


TABLE I

NOM. SHLDR. DIA.	THREAD SIZE	ØA	ØB	F MIN	ØG	H	J MAX	K MIN	N MAX	S MAX	T MAX	W NOM	TENSILE STRENGTH kN MIN (a)	DOUBLE SHEAR STRENGTH kN MIN (b)
M6	MJ5X0.8	10.00 9.78	5.987 5.951	2.4	3.86 3.68	4.50 4.32	2.4	5.42	2.5	0.6	9.75	3	11.7	18.4
M6.5	MJ5X0.8	10.00 9.78	6.487 6.451	2.4	3.86 3.68	4.50 4.32	2.4	5.92	2.5	0.6	9.75	3	11.7	21.6
M8	MJ6X1	13.00 12.73	7.987 7.951	3.3	4.58 4.40	5.50 5.32	2.6	7.42	2.5	0.8	11.25	4	16.7	32.8
M10	MJ8X1.25	16.00 15.73	9.987 9.951	4.2	6.25 6.03	7.00 6.78	2.8	9.42	2.5	1.0	13.25	5	31.4	51.3
M12	MJ10X1.5	18.00 17.73	11.984 11.941	4.9	7.91 7.69	9.00 8.78	3.0	11.42	2.5	1.2	16.40	6	51.1	73.9
M13	MJ10X1.5	18.00 17.73	12.984 12.941	4.9	7.91 7.67	9.00 8.78	4.0	12.42	2.5	1.2	16.40	8	51.1	86.8
M16	MJ12X1.75	24.00 23.67	15.984 15.941	6.6	9.57 9.35	11.00 10.73	4.8	15.42	2.5	1.6	18.40	8	75.5	131.7
M20	MJ16X2	30.00 29.67	19.980 19.928	8.8	13.23 12.96	14.00 13.73	4.8	19.42	2.5	2.0	22.40	10	145.1	205.9
M24	MJ20X2.5	36.00 35.61	23.980 23.928	10.0	16.57 16.30	16.00 15.73	5.6	23.42	3.0	2.4	27.40	12	229.5	296.8
M25	MJ20X2.5	36.00 35.61	24.980 24.928	10.0	16.57 16.30	16.00 15.73	5.6	24.42	3.0	2.4	27.40	12	229.5	322.1

a). THE TENSILE STRENGTH IS BASED ON A STRESS OF 1100 MPa MINIMUM AND THE AREA AT MINIMUM NECK "ØG".
 b). THE SHEAR STRENGTH IS BASED ON A STRESS OF 660 MPa MINIMUM AND THE AREA AT MINIMUM SHOULDER "ØB".

1. MATERIAL: A286 PER AMS5853.
2. HEAT TREATMENT: 36-48 HRC.
3. FINISH: SEE NOTE 7.
4. FLUORESCENT PENETRANT INSPECT PER ASTM E1417.
5. DIMENSIONS AND GEOMETRIC TOLERANCING PER ASME B18.3.3M - INCLUDING MANUFACTURING NOTES NOT LISTED IN THIS DRAWING.
6. DIMENSIONS ARE IN MILLIMETERS.
7. PART NUMBER: 95850()-()-()-()



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TOLERANCES ±0.25 AND ±2° SURFACE ROUGHNESS 3.2 UNLESS OTHERWISE NOTED	THIS PRODUCT DRAWING IS DRAFTED IN ACCORDANCE WITH ASME Y14.5M		FSCM NO. 56878	STANDARDS AND SPECIFICATIONS
DRAWN BY: STEVE FOSTER APPROVED: L. KLINE APPROVED: S. FOSTER	DATE: 7/27/01 DATE: 8/13/01		TITLE SCREW, SOCKET HEAD CAP, SHOULDER HEXAGON RECESS, A286 660 MPa DSS	CUSTODIAN: JENKINTOWN, PA.