



FIRST DASH NUMBER	THREADS 4h6h	ØA	ØB	C MIN	ØD	E MIN	H	ØJ	M	ØN ±.12	Q	R	S MIN	T REF	U REF	W	X	Y
M508	M5 X 0.8	10.666 10.416	4.987 4.962	6.08	5.50 5.10	2.67	6.63 6.13	4.00 3.00	1.60	1.00	.63	1.03 .78	2.24	10.12	1.6	5.50 5.38	.100	.115
M610	M6 X 1.0	12.338 12.088	5.987 5.962	7.74	7.00 6.60	3.09	7.54 7.04	5.00 4.00	1.60	1.00	1.04	1.08 .83	2.64	12.18	2.0	7.00 6.85	.120	.115
M810	M8 X 1.0	15.899 15.649	7.987 7.962	9.92	9.00 8.60	4.13	9.36 8.86	7.00 6.00	1.80	1.50	1.39	1.18 .93	3.24	14.61	2.0	9.00 8.78	.160	.115
M1012	M10 X 1.25	19.423 19.173	9.987 9.962	12.12	11.00 10.60	5.22	11.17 10.67	8.00 7.00	1.80	1.50	1.82	1.28 1.03	3.79	18.10	2.5	11.00 10.73	.200	.115
M1212	M12 X 1.25	23.066 22.816	11.987 11.962	15.51	14.00 13.60	5.92	12.98 12.48	10.00 9.00	1.80	1.50	2.39	1.38 1.13	4.67	20.53	2.5	14.00 13.73	.240	.115
M1415	M14 X 1.5	26.546 26.296	13.987 13.962	17.77	16.00 15.60	7.27	14.80 14.30	11.00 10.00	2.40	1.50	3.13	1.48 1.23	4.98	24.02	3.0	16.00 15.73	.280	.115
M1615	M16 X 1.5	30.187 29.937	15.987 15.962	19.97	18.00 17.60	8.36	16.61 16.11	13.00 12.00	2.40	1.50	3.50	1.58 1.33	5.53	26.45	3.0	18.00 17.67	.320	.128
M1815	M18 X 1.5	33.828 33.578	17.975 17.950	22.23	20.00 19.60	9.43	18.43 17.93	14.00 13.00	2.40	1.50	3.88	1.68 1.43	6.08	28.88	3.0	20.00 19.67	.360	.144
M2015	M20 X 1.5	37.454 37.204	19.975 19.950	24.49	22.00 21.60	10.53	20.24 19.74	16.00 15.00	2.40	1.50	4.30	1.78 1.53	6.60	31.31	3.0	22.00 21.67	.400	.160

- MATERIAL: CORROSION AND HEAT RESISTANT ALLOY, CHEMISTRY PER AMS 5708.
- HEAT TREATMENT: 1050 N/mm² MINIMUM TENSILE STRENGTH. 620 N/mm² SHEAR STRENGTH.
- FINISH: NONE.
- PART NUMBER: CONSISTS OF A BASIC PART NUMBER PLUS APPLICABLE DASH NUMBERS.
THE FIRST DASH NUMBER DESIGNATES THE THREAD DIAMETER AND PITCH
THE SECOND DASH NUMBER DESIGNATES THE GRIP LENGTH IN MILLIMETERS
ADD "H" TO THE FIRST DASH NUMBER TO DESIGNATE CROSS DRILLED HEADS
EXAMPLE: 75533-M1212H26 = M12 X 1.25 BOLT, DOUBLE HEXAGON, TENSION, 46.53 LONG, 26mm GRIP, CROSS DRILLED
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT INSPECTION REQUIREMENTS.
- DIMENSIONS ARE IN MILLIMETERS.
- CHAMFER "U" BY 45° APPROXIMATELY, CHAMFER PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
- FOR COMPANION NUT SEE SPS-N-75689.
- FOR WEIGHTS SEE SD.300.75533.
- FOR OVERSIZE PARTS SEE SD.300.75534 AND SD.300.75535.
- DIMENSIONS ARE IN MILLIMETERS.

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TOLERANCES ±0.25 AND ±2' SURFACE ROUGHNESS 3.2/ UNLESS OTHERWISE NOTED DRAWN: STEVE FOSTER DATE: 1/09/92 APPROVED: L. KLINKE DATE: 1/12/92 APPROVED: TAR		FSCM NO. 56878	STANDARDS AND SPECIFICATIONS SPS-B-649 APPENDIX 2.5
		CUSTODIAN: JENKINTOWN, PA.	PART NUMBER: 75533
TITLE BOLT, DOUBLE HEXAGON, TENSION, FLANGED WASPALOY CORROSION AND HEAT RESISTANT ALLOY 1050 N/mm ² MINIMUM TENSILE STRENGTH, APPLICATIONS TO 870 °C		SHEET 1 OF 1	PROJECT 56A92