



#10 or M5 SCREW RECOMMENDED.
SCREW NOT SUPPLIED.

TITLE: SUPPORT CLAMP WITH EYELET		DWG IN IN [MM]		FINAL		PRINT TYPE	
FILE #: NM		DWN: D.J.Z.		APP: D.J.Z.		PART #	
SHEET: 1 OF 3		DT: 09/15/2009		CHKD: B.R.		SEE TABLE	
RE: RICHCO INC.		RICHCO, INC.		WWW.RICHCO-INC.COM		CA	
CREATED USING SOLIDWORKS		TOLERANCES UNLESS NOTED		.XX±.010		.XX±.005	
FRAC=1/64		ANG=±1°					

L	SEE CO 200763 FOR CHANGES	SK	02/24/2012
K	SEE CO 200755 FOR CHANGES	SK	01/31/2012
J	SEE CO 200735 FOR CHANGES	SK	11/16/2011
I	ADDED NM-7-F7, NM-8-F8. SEE CO 200686	SK	06/23/2011
-	SEE ENGINEERING FOR REV A-H	--	-----
REV.	DESCRIPTION	ENGR.	DATE

NM-F SERIES

RICHCO PART NUMBER	MS PART NUMBER	CABLE BUNDLE DIAMETER REF	"D" ±.020 [1.5]	"E" ±.025 [6]	"F"	"P" MIN RADIUS	"S"	"T" -.010 -.005	"W"	"X" -.010 -.005	"Y" -.010 -.005
NM-3-F3	MS25281-F3	3/16 [4.8]	.187 [4.8]	.498 [12.6]	.250±.015 [6.4]	.250 [6.4]	.489±.015 [12.4]	.040 [1.02]	.500±.015 [12.7]	.065 [1.65]	.065 [1.65]
NM-4-F4	MS25281-F4	1/4 [6.4]	.250 [6.4]	.529 [13.4]							
NM-5-F5	MS25281-F5	5/16 [7.9]	.312 [7.9]	.560 [14.2]							
NM-6-F6	MS25281-F6	3/8 [9.5]	.375 [9.5]	.592 [15]							
NM-7-F7	MS25281-F7	7/16 [11.1]	.437 [11.1]	.623 [15.8]							
NM-8-F8	MS25281-F8	1/2 [12.7]	.500 [12.7]	.654 [16.6]	.300±.010 [7.6]	.300 [7.6]	.520±.015 [13.2]	.062 [1.6]	.600±.015 [15.2]	.075±.010 [1.9]	.125±.010 [3.2]
NM-10-F10	MS25281-F10	5/8 [15.9]	.625 [15.9]	.783 [19.9]							
NM-13-F13	MS25281-F13	13/16 [20.6]	.812 [20.6]	.877 [22.3]							

- NOTES:
 1. MATERIALS:
 THERMOPLASTIC; HEAT STABILIZED NYLON 6/6 UL94 V-2 (RMS-164), CONFORMS TO MIL-M-20693 / ASTM D-4066
 EYELET: ALUMINUM (RMS-92), ANODIZED IN ACCORDANCE WITH MIL-A-8625.
 2. COLOR: LIGHT GREEN
 3. PARTS CONFORM TO SAE AS23190 / MS25281
 4. ALTERNATE UNITS [] ARE ROUNDED AND FOR REFERENCE ONLY

REV.	DESCRIPTION	ENGR.	DATE

TITLE: SUPPORT CLAMP WITH EYELET					
CREATED USING SOLIDWORKS	FILE #: NM	DWN: D.J.Z.	APP: D.J.Z.	FINAL	
TOLERANCES UNLESS NOTED .XX±.010 .XX±.005 FRAC=#/164 ANG=#±1°	SHEET: 2 OF 3	SHEET SIZE: B	DT: 09/15/2009	CHKD: B.R.	PART #
RE: RICHCO INC.	RICHCO, INC. WWW.RICHCO-INC.COM		SEE TABLE		PRINT TYPE CA

NM-R SERIES																																																											
RICHCO PART NUMBER	MS PART NUMBER	CABLE BUNDLE DIAMETER REF	"D" ±.020 [.5]	"E" ±.025 [.6]	"F"	"F" MIN RADIUS	"R"±.005	"S"	"T" ±.017	"W"	"X"	"Y"																																															
NM-3-R3	MS25281-R3	3/16 [4.8]	.188 [4.8]	.485 [12.3]	.250±.010 [6.4]	.250 [6.4]	.062 [1.57]	.540±.010 [13.7]	.057 [1.4]	.503±.007 [12.8]	.065 [1.7]	.080±.020 [2]																																															
NM-4-R4	MS25281-R4	1/4 [6.4]	.250 [6.4]	.510 [13]								.285±.045 [7.2]	.300 [7.6]	.109 [2.77]	.605±.010 [15.37]	.120±.040 [3]	.553±.057 [14.05]	.090 ^{+.040} _{-.005} [2.3]	.093±.007 [2.4]																																								
NM-5-R5	MS25281-R5	5/16 [7.9]	.312 [7.9]	.546 [13.9]															.125 [3.175]	1.066 [27.1]	1.110 [28.2]	1.17 [29.7]	1.250 [31.75]	1.300 [33]	1.750 [44.45]																																		
NM-6-R6	MS25281-R6	3/8 [9.52]	.375 [9.5]	.578 [14.7]																						1.125 [28.6]	.983 [25]	1.125 [28.6]	1.375 [34.9]	1.500 [38.1]	1.625 [41.3]	1.750 [44.45]																											
NM-7-R7	MS25281-R7	7/16 [11.1]	.438 [11.1]	.608 [15.4]																													1-1/4 [31.75]	1.250 [31.75]	1.250 [31.75]	1.500 [38.1]	1.625 [41.3]	1.750 [44.45]																					
NM-8-R8	MS25281-R8	1/2 [12.7]	.500 [12.7]	.639 [16.2]																																			1-3/8 [34.9]	1.375 [34.9]	1.110 [28.2]	1.17 [29.7]	1.250 [31.75]	1.300 [33]															
NM-9-R9	MS25281-R9	9/16 [14.3]	.562 [14.3]	.661 [16.8]																																									1-1/2 [38.1]	1.500 [38.1]	1.17 [29.7]	1.17 [29.7]	1.250 [31.75]	1.300 [33]									
NM-10-R10	MS25281-R10	5/8 [15.9]	.625 [15.9]	.706 [17.9]																																															1-5/8 [41.3]	1.625 [41.3]	1.250 [31.75]	1.250 [31.75]	1.300 [33]				
NM-11-R11	MS25281-R11	11/16 [17.5]	.688 [17.5]	.785 [19.9]																																																				1-3/4 [44.45]	1.750 [44.45]	1.300 [33]	1.300 [33]
NM-12-R12	MS25281-R12	3/4 [19.05]	.750 [19.05]	.816 [20.7]																																																							
NM-13-R13	MS25281-R13	13/16 [20.6]	.812 [20.6]	.827 [21]																																																							
NM-14-R14	MS25281-R14	7/8 [22.2]	.875 [22.2]	.878 [22.3]																																																							
NM-16-R16	MS25281-R16	1.000 [25.4]	1.000 [25.4]	.941 [23.9]																																																							
NM-18-R18	MS25281-R18	1-1/8 [28.6]	1.125 [28.6]	.983 [25]																																																							
NM-20-R20	MS25281-R20	1-1/4 [31.75]	1.250 [31.75]	1.066 [27.1]																																																							
NM-22-R22	MS25281-R22	1-3/8 [34.9]	1.375 [34.9]	1.110 [28.2]																																																							
NM-24-R24	MS25281-R24	1-1/2 [38.1]	1.500 [38.1]	1.17 [29.7]																																																							
NM-26-R26	MS25281-R26	1-5/8 [41.3]	1.625 [41.3]	1.250 [31.75]																																																							
NM-28-R28	MS25281-R28	1-3/4 [44.45]	1.750 [44.45]	1.300 [33]																																																							

- NOTES:
1. MATERIALS:
THERMOPLASTIC: HEAT STABILIZED NYLON 6/6 UL94 V-2 (RMS-164), CONFORMS TO MIL-M-20953 / ASTM D-4066
EYELET: ALUMINUM (RMS-82), ANODIZED IN ACCORDANCE WITH MIL-A-8625.
2. COLOR: LIGHT GREEN
3. PARTS CONFORM TO SAE AS23190 / MS25281
4. ALTERNATE UNITS [] ARE ROUNDED AND FOR REFERENCE ONLY

REV.	DESCRIPTION	ENGR.	DATE

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CREATED USING SOLIDWORKS	FILE #: NM	DWN: D.J.Z.	APP: D.J.Z.	FINAL	
TOLERANCES UNLESS NOTED .XX±.010 .XXX±.005 FRAC = 1/64 ANG = ±1°	SHEET: 3 OF 3	SHEET SIZE: B	DT: 09/15/2009	CHKD: B.R.	PART #
RE: RICHCO INC.	RICHCO, INC. WWW.RICHCO-INC.COM		SEE TABLE		PRINT TYPE CA