

FED. SUPPLY CLASS

1640

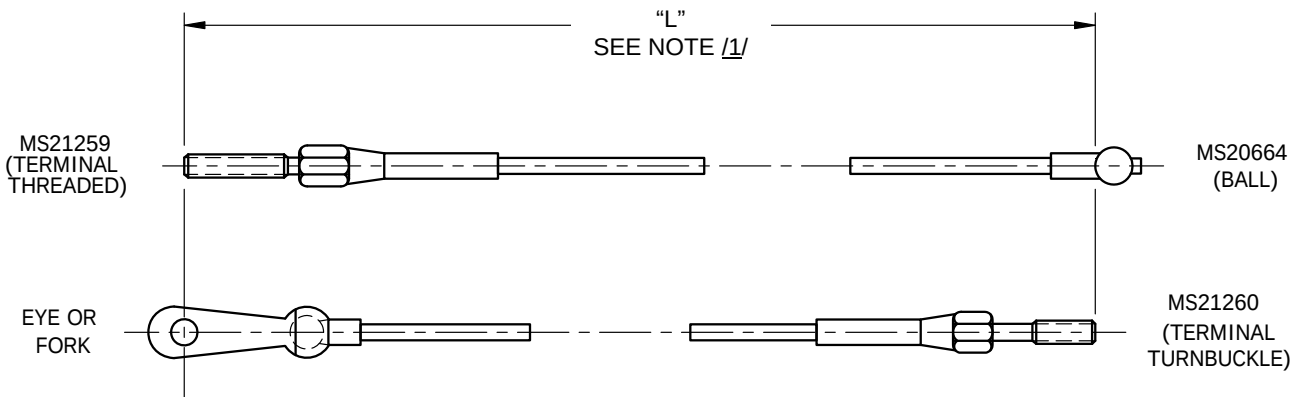
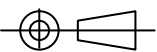


TABLE I – CABLE ASSEMBLY PART NUMBER COMBINATIONS

BASIC PART NUMBER	CABLE SIZE (DIA)	TERMINAL SIZE DASH NO.	TERMINAL COMBINATIONS						
			*SEE NOTE <u>12</u>	TYPE II TERMINALS					
				BALL		FORK ASSY		EYE ASSY	
				MS20644** NAS312 THRU MAS320	MACWHYTE SA160ST* NAS314 THRU NAS320	MS20664** BALL & NAS1435K* FORK NAS312 THRU NAS318	MS20664** BALL & MACWHYTE SA162SC* FORK NAS318 & NAS320	MS20664** BALL & NAS1435E* EYE NAS312 THRU NAS318	MS20664* BALL & MACWHYT SA161SB* EYE NAS318 & NAS320
TYPE I TERMINALS	MS21259**RH NAS312 THRU NAS320	10	60	20	70	30	80		
	MS21259**LH NAS312 THRU NAS320	11	61	21	71	31	81		
	MS20667** NAS312 THRU NAS320	12	62	22	72	32	82		
	MS20668** NAS312 THRU NAS320	13	63	23	73	33	83		
	MS21260*L*RH NAS312 THRU NAS316	14	64	24	74	34	84		
	MS21260*L*LH NAS312 THRU NAS316	15	65	25	75	35	85		
	MS21260*S*RH NAS312 THRU NAS316	16	66	26	76	36	86		
	MS21260*S*LH NAS312 THRU NAS316	17	67	27	77	37	87		
	MS21260**RH NAS317 THRU NAS320	18	68	28	78	38	88		
	MS21260**LH NAS317 THRU NAS320	19	69	29	79	39	89		

⑥ COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

6

PROCUREMENT
SPECIFICATION

NONE

TITLE

**CABLE ASSEMBLY, SWAGED TYPE,
TYPE I AND TYPE II TERMINALS**

CLASSIFICATION
PART STANDARD

NAS312-320 2013
SHEET 1 OF 3



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EXAMPLE PART NO.

NAS314 C 27 - 1553

DIAMETER
1/8 DIA CABLE

MATERIALS
CABLE, STEEL (CRES)
TERMINAL, TYPE I. STEEL (CRES) AND
TYPE II. STEEL (CRES)

FIRST THREE DIGITS REPRESENT LENGTH
IN INCHES. FOURTH DIGIT REPRESENTS
LENGTH IN UNITS OF 1/8 INCH. ALWAYS
FOUR DIGITS. (1553 DENOTES CABLE 155 3/8
INCHES LONG.)

CABLE CONSTRUCTION
7x7 or 7x19 or 3x7

TERMINAL COMBINATION
NAS1435K4 FORK & MS20664 BALL
MS21260S4 LH TERMINAL, TURNBUCKLE

*, SEE NOTE 1/2/

MATERIALS, CABLE & TERMINALS

NO CODE LETTER - INDICATED BY DASH ONLY.

CABLE PER MIL-DTL-83420, TYPE I COMPOSITION A AND TERMINALS, STEEL TYPE I (CRES)
AND TYPE II (MATL OPTIONAL)

CODE LETTER "C" - CABLE PER MIL-DTL-83420, TYPE I, COMPOSITION B AND CRES STEEL TERMINALS

CODE LETTER "F" - CABLE PER MIL-DTL-83420, TYPE I, COMPOSITION A AND TERMINALS, STEEL TYPE I (CARBON)
AND TYPE II (MATL OPTIONAL)

CODE LETTER "H" - CABLE PER MIL-DTL-83420, TYPE I, COMPOSITION A AND TERMINALS, STEEL TYPE I (CRES)
AND TYPE II (CRES)

CODE LETTER "R" - CABLE PER MIL-DTL-83420, TYPE I, COMPOSITION B AND TERMINALS, STEEL TYPE I (CRES)
AND TYPE II (MATL OPTIONAL)

TERMINAL MATERIAL AND FINISH SHALL CONFORM TO THE REQUIREMENTS OF MIL-DTL-781.

CABLE CONSTRUCTION

NO CODE LETTER - INDICATED BY DASH ONLY
7x7 OR 7x19 CONSTRUCTION

CODE LETTER "D" - 7x7 CONSTRUCTION

CODE LETTER "E" - 7x19 CONSTRUCTION

CODE LETTER "G" - 3x7 CONSTRUCTION

FINISH - IMMERSE NONCORROSION-RESISTANT CABLE ASSEMBLIES IN COMPOUND CONFORMING TO MIL-PRF-16173,
GRADE 2.

TOLERANCES - L = 0 TO 240 INCHES, INCL ± .12
L = OVER 240 TO 480 INCHES, INCL ± .20
L = OVER 480 TO 720 INCHES, INCL ± .25

L = OVER 720 TO 1080 INCHES, INCL ± .38
L = OVER 1080 INCHES ± .50

REVISION

6

⑥ COMPLETELY REVISED

NAS312-320 2013
SHEET 2



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