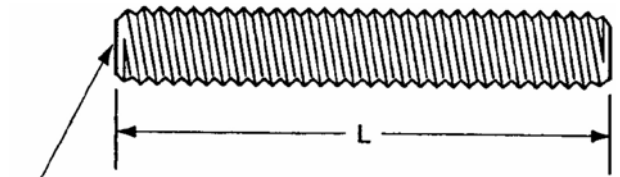


**Metric Steel Stud, Threaded Rod, PC 8.8****DESCRIPTION:** (C1Y100E1)

Metric continuous thread stud.

MATERIAL:Medium carbon steel, Property Class 8.8 conforming to
ASTM F 568M, 800 MPa, min tensile strength.**SCREW THREADS:** Threads, (DIN 976-1)

Tolerance Class 6G.



Both ends rounded or flat and chamfered

All dimensions are in millimeters unless otherwise indicated.

THREAD SIZE			M2 ♦	M2.5 ♦	M3 ♦	M4 ♦	M5 ♦	M6 ♦	M8 ♦	M8
Pitch			0.4	0.45	0.5	0.7	0.8	1.0	1.25	1.0
L	Length	Tol	PART NO. (For other lengths, last three digits are lengths in millimeters, but four digits may be used to indicate 1000 millimeter lengths.) ♣							
Preferred Lengths	50	± 0.8	7050	9050	10050	12050	14050	15050	17050	18050
	55		7055	9055	10055	12055	14055	15055	17055	18055
	60		7060	9060	10060	12060	14060	15060	17060	18060
	70		7070	9070	10070	12070	14070	15070	17070	18070
	80		7080	9080	10080	12080	14080	15080	17080	18080
	90		7090	9090	10090	12090	14090	15090	17090	18090
	100		7100	9100	10100	12100	14100	15100	17100	18100
	110		7110	9110	10110	12110	14110	15110	17110	18110
	120		7120	9120	10120	12120	14120	15120	17120	18120
	130		7130	9130	10130	12130	14130	15130	17130	18130
	140		7140	9140	10140	12140	14140	15140	17140	18140
	150		7150	9150	10150	12150	14150	15150	17150	18150
	160	± 1.5			10160	12160	14160	15160	17160	18160
	170				10170	12170	14170	15170	17170	18170
	180				10180	12180	14180	15180	17180	18180
	190					12190	14190	15190	17190	18190
	200					12200	14200	15200	17200	18200
	210					12210	14210	15210	17210	18210
	220					12220	14220	15220	17220	18220

FINISH: Other finishes available, tabulated on L9991 – Finish Suffix Chart.

♦ Preferred

♣ Other lengths tabulated on L9990

P/N
SUFFIX
None
BFINISH
DESCRIPTION
Unplated
0.005 ZincEMPIS FINISH
REFERENCE
—
F70B1A

PART NUMBER EXAMPLE: L119P20100B identifies a M10 x 1.25 x 100 mm low carbon steel continuous thread stud with zinc plating.

Note: It is common practice to purchase threaded rod in 1 meter (1000 millimeter) lengths and cut to length as required at assembly. Part number for the example would therefore be L119P201000B.

This drawing and latest issue of the specification completely define the part.

SPECIFICATION	GENERAL ELECTRIC STANDARD	Drawing No.
C1Y100	Stud Threaded Rod	L119-S2
		Page 1 of 3


Metric Steel Stud, Threaded Rod, PC 8.8
DESCRIPTION: (C1Y100E1)

Metric continuous thread stud.

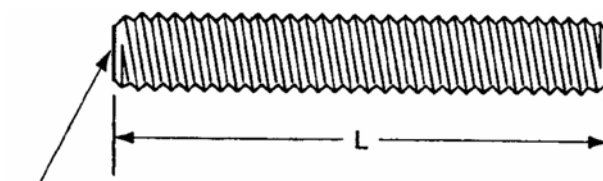
MATERIAL:

 Medium carbon steel, Property Class 8.8 conforming to
ASTM F 568M, 800 MPa, min tensile strength.

SCREW THREADS: Threads, (DIN 976-1)

Tolerance Class 6G.

All dimensions are in millimeters unless otherwise indicated.



Both ends rounded or flat and chamfered

THREAD SIZE			M10 ♦	M10			M12 ♦	M12	M16 ♦	M16	M20 ♦	M20
Pitch			1.5	1.25			1.75	1.50	2.00	1.50	2.5	1.5
L	Length	Tol	PART NO. (For other lengths, last three digits are lengths in millimeters, but four digits may be used to indicate 1000 millimeter lengths.) ♣									
Preferred Lengths	50	± 0.8	19050	20050	Length	Tol						
	55		19055	20055								
	60		19060	20060								
	70		19070	20070	80 90 100 110 120 130 140 150	± 1.5						
	80		19080	20080			21080	22080	25080	26080	29080	30080
	90		19090	20090			21090	22090	25090	26090	29090	30090
	100		19100	20100			21100	22100	25100	26100	29100	30100
	110		19110	20110			21110	22110	25110	26110	29110	30110
	120		19120	20120			21120	22120	25120	26120	29120	30120
	130		19130	20130			21130	22130	25130	26130	29130	30130
	140		19140	20140			21140	22140	25140	26140	29140	30140
	150		19150	20150			21150	22150	25150	26150	29150	30150
	160	± 1.5	19160	20160	160	± 3.0	21160	22160	25160	26160	29160	30160
	170		19170	20170	170		21170	22170	25170	26170	29170	30170
	180		19180	20180	180		21180	22180	25180	26180	29180	30180
	190		19190	20190	190		21190	22190	25190	26190	29190	30190
	200		19200	20200	200		21200	22200	25200	26200	29200	30200
	210		19210	20210	210		21210	22210	25210	26210	29210	30210
	220		19220	20220	220		21220	22220	25220	26220	29220	30220

FINISH: Other finishes available, tabulated on L9991 – Finish Suffix Chart.

♦ Preferred

♣ Other lengths tabulated on L9990

 P/N
SUFFIX
None
B

 FINISH
DESCRIPTION
Unplated
0.005 Zinc

 EMPIS FINISH
REFERENCE
–
F70B1A

PART NUMBER EXAMPLE: L119P20100B identifies a M10 x 1.25 x 100 mm low carbon steel continuous thread stud with zinc plating.

Note: It is common practice to purchase threaded rod in 1 meter (1000 millimeter) lengths and cut to length as required at assembly. Part number for the example would therefore be L119P201000B.

This drawing and latest issue of the specification completely define the part.

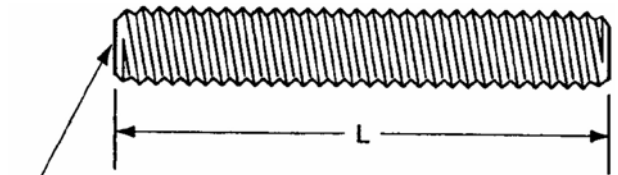
SPECIFICATION	GENERAL ELECTRIC STANDARD	Drawing No.
C1Y100	Stud <i>Threaded Rod</i>	L119-S2
		Page 2 of 3

**Metric Steel Stud, Threaded Rod, PC 8.8****DESCRIPTION:** (C1Y100E1)

Metric continuous thread stud.

MATERIAL:Medium carbon steel, Property Class 8.8 conforming to
ASTM F 568M, 800 MPa, min tensile strength.**SCREW THREADS:** Threads, (DIN 976-1)

Tolerance Class 6G.



All dimensions are in millimeters unless otherwise indicated.

Both ends rounded or flat and chamfered

THREAD SIZE			M24 ♦	M24	M30 ♦	M30	M36 ♦	M36		
Pitch			3.0	2.0	3.5	2.0	4.0	3.0		
L	Length	Tol	PART NO. (For other lengths, last three digits are lengths in millimeters, but four digits may be used to indicate 1000 millimeter lengths.) ♣							
Preferred Lengths	80	± 1.5	33080	34080	37080	38080	41080	42080		
	90		33090	34090	37090	38090	41090	42090		
	100		33100	34100	37100	38100	41100	42100		
	110		33110	34110	37110	38110	41110	42110		
	120		33120	34120	37120	38120	41120	42120		
	130		33130	34130	37130	38130	41130	42130		
	140	± 3.0	33140	34140	37140	38140	41140	42140		
	150		33150	34150	37150	38150	41150	42150		
	160		33160	34160	37160	38160	41160	42160		
	170		33170	34170	37170	38170	41170	42170		
	180		33180	34180	37180	38180	41180	42180		
	190		33190	34190	37190	38190	41190	42190		
	200	± 3.0	33200	34200	37200	38200	41200	42200		
	210		33210	34210	37210	38210	41210	42210		
	220		33220	34220	37220	38220	41220	42220		

FINISH: Other finishes available, tabulated on L9991 – Finish Suffix Chart.

♦ Preferred

♣ Other lengths tabulated on L9990

P/N
SUFFIX
None
BFINISH
DESCRIPTION
Unplated
0.005 ZincEMPIS FINISH
REFERENCE
–
F70B1A

PART NUMBER EXAMPLE: L119P20100B identifies a M10 x 1.25 x 100 mm low carbon steel continuous thread stud with zinc plating.

Note: It is common practice to purchase threaded rod in 1 meter (1000 millimeter) lengths and cut to length as required at assembly. Part number for the example would therefore be L119P201000B.

This drawing and latest issue of the specification completely define the part.

SPECIFICATION	GENERAL ELECTRIC STANDARD	Drawing No.
	Stud Threaded Rod	L119-S2
C1Y100		Page 3 of 3