

Machined threads provide a strong positive seal; the tapered interior dome easily drives the bushing into the connector body

The patented GOTHCA® ring incorporates a split hinge design to prevent friction and provide strain relief, also color-coded for sizing identification

Lubricated neoprene bushing compresses easily for a liquidtight seal and added pull-out protection

The connector body is a one-piece design with machined threads; a tapered interior seats the bushing evenly for a liquidtight seal

Hubbell has the broadest line and the widest choice of materials in the industry. NPT hub sizes from 1/4" to 3" in straight male end, 90°, 45°, female and underground feed connectors. They are available in your choice of aluminum, plated steel, nylon and stainless steel.

Hubbell offers a full line of machined aluminum cord connectors in NPT hub sizes 1/4" through 1" and cast aluminum 1" to 3". They provide durable performance and a clean attractive look without adding unwanted weight. NPT hub sizes 1/4" to 1" feature an attractive knurled finish which makes them easy to handle and maintain a U.L. listing by hand tightening.

The zinc-plated steel cord connectors offers the strength of steel and the corrosion resistance of zinc-plating. These heavy-duty connectors hold up to most manufacturing chemicals including acid solutions, solvents and other corrosive materials.

Their machined steel nut and body allows for tightening the compression nut and NPT hub without worrying about stripping the threads. For larger size cord, NPT hub sizes 1" to 2", Hubbell utilizes malleable iron connectors which provide excellent holding and liquidtight performance.

Hubbell's nylon cord connectors resist most common industrial corrosives and provide highly effective pullout protection in a lightweight design. They are ideal for any application where weight, conductivity or corrosion may be an issue. They're available in NPT hub sizes from 1/4" to 1".

Stainless steel cord connectors provide superior strength and corrosion resistance for industrial and military applications. They are machined from 300 series stainless steel and come in 1/4" to 1", NPT hub sizes.

IP66*
 SUITABILITY

Straight Male



Cast Aluminum



Cast Aluminum
 Malleable Iron

NPT Hub Size	Cord Diameter Inches	(mm)	Form Size	Cast Aluminum	Malleable Iron
1	.88"-1.00"	(22.2-25.4)	F5	SHC1046	—
	1.00"-1.13"	(25.4-28.6)		SHC1047**	—
	1.13"-1.25"	(28.6-31.7)		SHC1048**	—
	1.25"-1.38"	(31.7-34.9)		SHC1049**	—
1¼	.75"- .88"	(19.0-22.2)	F5	SHC1050	—
	.88"-1.00"	(22.2-25.4)		SHC1051	—
	1.00"-1.13"	(25.4-28.6)		SHC1052	SHC1052ZP
	1.13"-1.25"	(28.6-31.7)		SHC1053	SHC1053ZP
1½	1.25"-1.38"	(31.7-34.9)	F5	SHC1054**	SHC1054ZP
	.75"- .88"	(19.0-22.2)		SHC1055	—
	.88"-1.00"	(22.2-25.4)		SHC1056	—
	1.00"-1.13"	(25.4-28.6)		SHC1057	SHC1057ZP
1½	1.13"-1.25"	(28.6-31.7)	F5	SHC1058	SHC1058ZP
	1.25"-1.38"	(31.7-34.9)		SHC1059	SHC1059ZP
	1.38"-1.50"	(34.9-38.1)		SHC1061	—
	1.50"-1.63"	(38.1-41.3)		SHC1062**	—
2	1.63"-1.75"	(41.3-44.4)	F6	SHC1063**	—
	1.75"-1.88"	(44.4-47.6)		SHC1064**	—
	1.25"-1.38"	(31.7-34.9)		SHC1065	—
	1.38"-1.50"	(34.9-38.1)		SHC1066	—
2	1.50"-1.63"	(38.1-41.3)	F6	SHC1067	—
	1.63"-1.75"	(41.3-44.4)		SHC1068	—
	1.75"-1.88"	(44.4-47.6)		SHC1069	—
	1.69"-1.81"	(42.9-46.0)		SHC1070	—
2	1.81"-1.94"	(46.0-49.2)	F7	SHC1071	—
	1.94"-2.06"	(49.2-52.4)		SHC1072**	—
	2.06"-2.19"	(52.4-55.6)		SHC1073**	—
	2.19"-2.31"	(55.6-58.7)		SHC1074**	—
2½	1.69"-1.81"	(42.9-46.0)	F7	SHC1076	—
	1.81"-1.94"	(46.0-49.2)		SHC1077	—
	1.94"-2.06"	(49.2-52.4)		SHC1078	—
	2.06"-2.19"	(52.4-55.6)		SHC1079	—
3	2.19"-2.31"	(55.6-58.7)	F7	SHC1080	—
	2.31"-2.44"	(58.7-61.9)		SHC1081**	—
	1.69"-1.81"	(42.9-46.0)		SHC1086	—
	1.94"-2.06"	(49.2-52.4)		SHC1088	—
3	2.06"-2.19"	(52.4-55.6)	F7	SHC1089	—
	2.19"-2.31"	(55.6-58.7)		SHC1090	—
	2.31"-2.44"	(58.7-61.9)		SHC1091	—
	2.44"-2.63"	(61.9-66.7)		SHC1092	—
3	2.63"-2.81"	(66.7-71.4)	F8	SHC1093	—
	2.81"-3.00"	(71.4-76.2)		SHC1094	—
	3.00"-3.25"	(76.2-82.5)		SHC1095**	—

Note: See pages V-87 to V-95 for technical information and dimensional drawings.
 *IP66 Suitability when used with optional metal clad O-ring, see page V-84 for additional information.
 **Cable jacket may have to be stripped to pass through connector body.
 Form 4 aluminum and plated steel nuts are machined, bodies are cast aluminum.
 F5 and larger will not be color coded.
 Locknuts sold separately. See page V-84 for additional information.



Operating Temperatures

Material	Temperature Range	
Aluminum	-40°F to +300°F	(-40°C to +149°C)
Nylon (connectors and GOTCHA® rings)	-40°F to +225°F	(-40°C to +107°C)
Plated steel*	-60°F to +1000°F	(-51°C to +537°C)
Stainless steel*	-60°F to +1000°F	(-51°C to +537°C)
Neoprene (bushings)	-30°F to +240°F	(-34°C to +115°C)

Note: *Due to the limiting factors of nylon and neoprene, any complete cord connector with a GOTCHA ring, Form 1-5, will continuously perform in the range of -30°F to +225°F (-34°C to +107°C).
 Cord connectors without GOTCHA rings, Form 6-8, will continuously operate in the range -30°F to +240°F (-34°C to +115°C) due to the limiting factor of neoprene.

Hazardous Locations

Hubbell cord connectors are suitable for use in hazardous locations per Class I Div. 2, Class II Div. 1 & 2, Class III Div. 1 & 2 in accordance with the NEC.

Flammability

Hubbell nylon cord connectors have a UL 94-V2 rating.

Approvals

Agency

UL Listed in accordance with Standard 514B for indoor/outdoor use.

CSA Certified.

United States Coast Guard Approved, Title 46-Part 111.

Form Size Definition

The term "Form Size" refers to the physical overall size of a cord connector.

Form 1 is the smallest size.

Form 8 is the largest size.

Knockout Holes

NPT Hub Size	Knockout Hole Recommended		PG Hub Size	Knockout Hole Recommended		Metric Hub Size	Knockout Hole Recommended	
	Min.	Max.		Inches	(mm)		Inches	(mm)
¼	.54"	.57"	PG7	.492"	(12.5)	M12	.472"	(12)
⅜	.67"	.70"	PG9	.599"	(15.2)	M16	.629"	(16)
½	.86"	.91"	PG11	.733"	(18.6)	M20	.787"	(20)
¾	1.04"	1.09"	PG13.5	.804"	(20.4)	M25	.984"	(25)
1	1.36"	1.41"	PG16	.888"	(22.5)	M32	1.25"	(32)
1¼	1.72"	1.77"	PG21	1.15"	(28.3)	M40	1.57"	(40)
1½	1.97"	2.02"	PG29	1.47"	(34.3)			
2	2.45"	2.50"	PG36	1.85"	(47.0)			
2½	2.95"	3.00"						
3	3.58"	3.63"						

NPT, PG and Metric Thread Low Profile Connectors

Specifications

Material	6/6 Nylon.
Gland	Buna N.
Temperature Range	-22°F to 225°F (-30°C to 107°C). Cord Connectors are Halogen and Silicon free.
Protection Class	IP66 Suitability.
Flammability	UL 94V-2.
Listings/Certifications	UL Listing File E-41567, UL Recognition File E-41567. CSA File LR27378C, VDE Marks Licence #136681.



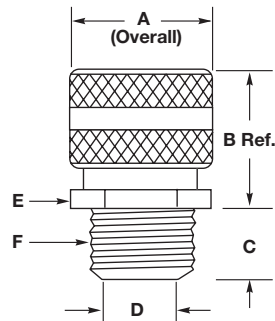
SECP29G



Straight Hubbell Connectors

F NPT Inches	Aluminum Inches (mm)						Nylon Inches (mm)						
	Form	Dia.	B Ref.	C	D Throat Dia.	E		Dia.	B Ref.	C	D Throat Dia.	E	
						A/C*	A/F*					A/C*	A/F*
¼-18	1	.88" (22.4)	.90" (22.9)	.46" (11.7)	.32" (8.1)	.99" (25.1)	.88" (22.4)	1.00" (25.4)	1.10" (27.9)	.43" (10.9)	.33" (8.4)	.100" (25.4)	.93" (23.6)
¾-18	1	.88" (22.4)	.90" (22.9)	.46" (11.7)	.44" (11.2)	.99" (25.1)	.88" (22.4)	1.00" (25.4)	1.10" (27.9)	.43" (10.9)	.45" (11.4)	.100" (25.4)	.93" (23.6)
½-14	1	.88" (22.4)	.90" (22.9)	.46" (11.7)	.44" (11.2)	1.00" (25.4)	.88" (22.4)	1.00" (25.4)	1.10" (27.9)	.46" (11.7)	.45" (11.4)	.100" (25.4)	.93" (23.6)
½-14	2	1.13" (28.7)	1.10" (27.9)	.55" (14.0)	.64" (16.3)	1.11" (28.2)	1.00" (25.4)	1.32" (33.5)	1.50" (38.1)	.53" (13.5)	.58" (14.7)	1.25" (31.7)	1.12" (28.4)
½-14	3	1.38" (35.1)	1.50" (38.1)	.55" (14.0)	.64" (16.3)	1.40" (35.6)	1.25" (31.7)	—	—	—	—	—	—
¾-14	2	1.13" (28.7)	1.10" (27.9)	.55" (14.0)	.64" (16.3)	1.29" (32.8)	1.13" (28.7)	—	—	—	—	—	—
¾-14	3	1.38" (35.1)	1.50" (38.1)	.55" (14.0)	.82" (20.8)	1.40" (35.6)	1.25" (31.7)	1.56" (39.6)	1.60" (40.6)	.55" (14.0)	.77" (19.6)	1.44" (36.6)	1.31" (33.3)
1-11½	4	1.75" (44.4)	1.60" (40.6)	.71" (18.0)	1.02" (25.9)	1.81" (46.0)	1.62" (41.1)	1.88" (47.8)	1.75" (44.4)	.70" (17.8)	1.01" (25.7)	1.84" (46.7)	1.63" (41.4)
1-11½	5	2.31" (58.7)	1.70" (43.2)	.66" (16.8)	1.01" (25.7)	2.28" (57.9)	2.00" (50.8)	—	—	—	—	—	—
1¼-11½	5	2.31" (58.7)	1.70" (43.2)	.74" (18.8)	1.26" (32.0)	2.28" (57.9)	2.12" (53.8)	—	—	—	—	—	—
1½-11½	5	2.31" (58.7)	1.70" (43.2)	.74" (18.8)	1.38" (35.1)	2.28" (57.9)	2.12" (53.8)	—	—	—	—	—	—
1½-11½	6	3.00" (76.2)	2.20" (55.9)	.75" (19.0)	1.50" (38.1)	2.97" (75.4)	2.75" (69.8)	—	—	—	—	—	—
2-11½	6	3.00" (76.2)	2.20" (55.9)	.80" (20.3)	1.92" (48.8)	3.24" (82.4)	3.00" (76.2)	—	—	—	—	—	—
2-11½	7	3.85" (97.8)	2.70" (68.6)	.88" (22.4)	1.94" (49.3)	4.05" (102.9)	3.75" (95.2)	—	—	—	—	—	—
2½-8	7	3.85" (97.8)	2.70" (68.6)	1.30" (33.0)	2.32" (58.9)	4.34" (110.2)	4.02" (102.1)	—	—	—	—	—	—
2½-8	8	4.75" (120.6)	2.70" (68.6)	1.25" (31.7)	2.38" (60.5)	4.86" (123.4)	4.50" (114.3)	—	—	—	—	—	—
3-8	7	3.85" (97.8)	2.70" (68.6)	1.30" (33.0)	2.54" (64.5)	4.34" (110.2)	4.02" (102.1)	—	—	—	—	—	—
3-8	8	4.50" (114.3)	2.70" (68.6)	1.38" (35.1)	3.00" (76.2)	4.86" (123.4)	4.50" (114.3)	—	—	—	—	—	—

Note: *A/C— Across Corners; A/F—Across Flats.



Dimensions shown are approximate and are subject to change without notice.