

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



Machined Aluminum



Machined Zinc-Plated Steel



Stainless Steel



Gray Nylon



Black Nylon

NPT Hub Size	Cord Dia. Inches (mm)	Form Size	Color Code	Machined Aluminum	Machined Zinc-Plated Steel	Stainless Steel	Nylon Gray	Nylon Black
¼	.06"-.13" (1.6-3.2)	F1	Green	—	—	—	SHC1001CR	—
	.13"-.19" (3.2-4.7)		Orange	SHC1002	—	—	SHC1002CR	—
	.19"-.25" (4.7-6.3)		Red	SHC1003	—	SHC1003SS	SHC1003CR	—
	.25"-.31" (6.3-7.9)		Black	SHC1004	—	SHC1004SS	SHC1004CR	—
	.31"-.38" (7.9-9.5)		White	SHC1005**	—	—	SHC1005CR	SHC2005CR
	.38"-.44" (9.5-11)		Blue	—	—	—	SHC1006CR	—
⅜	.06"-.13" (1.6-3.2)	F1	Green	SHC1007	—	—	—	—
	.13"-.19" (3.2-4.7)		Orange	SHC1008	SHC1008ZP	—	SHC1008CR	SHC2008CR
	.19"-.25" (4.7-6.3)		Red	SHC1009	—	SHC1009SS	SHC1009CR	—
	.25"-.31" (6.3-7.9)		Black	SHC1010	SHC1010ZP	—	SHC1010CR	SHC2010CR
	.31"-.38" (7.9-9.5)		White	SHC1011	—	SHC1011SS	SHC1011CR	SHC2011CR
	.38"-.44" (9.5-11.0)		Blue	SHC1012	SHC1012ZP	SHC1012SS	SHC1012CR	SHC2012CR
½	.19"-.25" (4.7-6.3)	F1	Red	SHC1015	—	—	—	—
	.25"-.31" (6.3-7.9)		Black	SHC1016	—	—	—	—
	.31"-.38" (7.9-9.5)		White	SHC1017	—	—	—	—
	.38"-.44" (9.5-11.0)		Blue	SHC1018	—	—	—	—
½	.06"-.13" (1.6-3.2)	F2	Green	SHC1019	—	—	SHC1019CR	—
	.13"-.19" (3.2-4.7)		Orange	SHC1020	SHC1020ZP	SHC1020SS	SHC1020CR	—
	.19"-.25" (4.7-6.3)		Red	SHC1021	SHC1021ZP	SHC1021SS	SHC1021CR	SHC2021CR
	.25"-.38" (6.3-9.7)		White	SHC1022	SHC1022ZP	SHC1022SS	SHC1022CR	SHC2022CR
	.38"-.50" (9.7-12.7)		Blue	SHC1023	SHC1023ZP	SHC1023SS	SHC1023CR	SHC2023CR
	.50"-.63" (12.7-15.9)		Brown	SHC1024	SHC1024ZP	SHC1024SS	SHC1024CR**	SHC2024CR**
½	.38"-.50" (9.7-12.7)	F3	Blue	SHC1025	—	—	—	—
	.50"-.63" (12.7-15.9)		Brown	SHC1026	—	—	—	—
	.63"-.75" (15.9-19.0)		Yellow	SHC1027**	SHC1027ZP**	—	—	—
	.75"-.88" (19.0-22.2)		Orchid	SHC1028**	SHC1028ZP**	—	—	—

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.
 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.



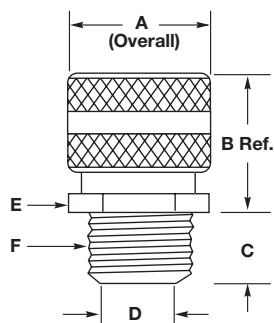
SECP29G



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.