

Accessories – Junction Shells

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Materials

- Shell Material: Zinc-plated low carbon steel with yellow chromate finish
- Clamp: Zinc-plated steel with yellow chromate finish
- Screw: Zinc-plated steel with yellow chromate finish
- Stop Nut: Zinc-plated brass with yellow chromate finish

*** RoHS parts will be zinc plated with clear chromate on all materials

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Part Numbers

Ordering Information

Shell Size	Fits Standard Density	Straight Clamp	Round Clamp	Right-Angle Clamp	Deep Straight Clamp	Switching Shell
E	9	n/a	n/a	DE-19977-5	DE-24657	n/a
A	15	DA-19678-1	DA-20961	DA-19977-1	DA-24658	DA-19678-6
B	25	DB-19678-2	DB-20962	DB-19977-2	DB-24659	DB-19678-7
C	37	DC-19678-3	n/a	DC-19977-3	DC-24660	DC-19678-8
D	50	DD-19678-4	n/a	DD-19977-4 Discont	DD-24661	DD-19678-9

Ordering Information for RoHS Junction Shells

Shell Size	Fits Standard Density	Right-Angle Clamp	Deep Straight Clamp
E	9	DE-19977-30 ^[4]	DE-24657-30 ^[4]
A	15	DA-19977-31 ^[4]	DA-24658-31 ^[4]
B	25	DB-19977-32 ^[4]	DB-24659-32 ^[4]
C	37	DC-19977-33 ^[4]	DC-24660-33 ^[4]
D	50	DD-19977-34 ^[4] Discont	DD-24661-34 ^[4]

Ordering Information

Shell Size	Fits Standard Density	Straight Clamp	Round Clamp	Right-Angle Clamp	Deep Straight Clamp	Switching Shell
E	9	N/A	N/A	DE-19977-5	DE-24657	N/A
A	15	DA-19678-1	DA-20961	DA-19977-1	DA-24658	DA-19678-6
B	25	DB-19678-2	DB-20962	DB-19977-2	DB-24659	DB-19678-7
C	37	DC-19678-3	N/A	DC-19977-3	DC-24660	DC-19678-8
D	50	DD-19678-4	N/A	DD-19977-4 Discont	DD-24661	DD-19678-9

Ordering Information for RoHS Junction Shells

Shell Size	Fits Std. Density	Right-Angle Clamp	Right Angle Drawing	Deep Straight Clamp	Deep Straight Drawing
E	9	DE-19977-30 ^[4]	Drawing ^[5]	DE-24657-30 ^[4]	Drawing ^[6]
A	15	DA-19977-31 ^[4]	Drawing ^[7]	DA-24658-31 ^[4]	Drawing ^[8]
B	25	DB-19977-32 ^[4]	Drawing ^[9]	DB-24659-32 ^[4]	Drawing ^[10]
C	37	DC-19977-33 ^[4]	Drawing ^[11]	DC-24660-33 ^[4]	Drawing ^[12]

D	50	DD-19977-34 [4]	Discont	Drawing [13]	DD-24661-34 [4]	Drawing [14]
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Deep Straight Clamp

			A		B		C		D	
Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm	in	mm
DE-24657	E	9	1.203	30.56	0.484	12.29	0.984	24.99	0.578	14.68
DA-24658	A	15	1.531	38.89	0.484	12.29	1.312	33.32	0.578	14.68
DB-24659	B	25	2.078	52.78	0.484	12.29	1.852	47.04	0.578	14.68
DC-24660	C	37	2.718	69.04	0.484	12.29	2.500	63.50	0.578	14.68
DD-24661	D	50	2.625	66.68	0.593	15.06	2.406	61.11	0.687	17.45
			E		F		G		H	
Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm	in	mm
DE-24657	E	9	0.375	9.53	0.375	9.53	0.750	19.05	1.219	30.96
DA-24658	A	15	0.713	18.11	0.312	7.92	0.750	19.05	1.250	31.75
DB-24659	B	25	1.000	25.40	0.312	7.92	1.000	25.40	1.531	38.89
DC-24660	C	37	1.375	34.93	0.312	7.92	1.000	25.40	1.531	38.89
DD-24661	D	50	1.406	35.71	0.406	10.31	1.125	28.58	1.656	42.06

Right-Angle Clamp

Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm		
			A		B		C			
DE-19977-5	E	9	1.203	30.56	0.718	18.24	0.984	24.99		
DA-19977-1	A	15	1.531	38.89	0.718	18.24	1.312	33.32		
DB-19977-2	B	25	2.078	52.78	0.968	24.59	1.852	47.04		
DC-19977-3	C	37	2.718	69.04	1.187	30.15	2.500	63.50		
DD-19977-4	D	50	2.625	66.68	1.250	31.75	2.406	61.11		
			E		F		G		H	
Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm	in	mm
DE-19977-5	E	9	0.437	11.10	0.437	11.10	0.468	11.89	0.281	7.14
DA-19977-1	A	15	0.437	11.10	0.437	11.10	0.468	11.89	0.281	7.14
DB-19977-2	B	25	0.437	11.10	0.625	15.88	0.468	11.89	0.281	7.14
DC-19977-3	C	37	0.437	11.10	0.812	20.62	0.468	11.89	0.281	7.14
DD-19977-4	D	50	0.562	14.27	0.906	23.01	0.531	13.49	0.343	8.71

Round Clamp Dimensions

			A		B		C			
Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm		
DA-20961	A	15	1.531	38.89	0.500	12.70	1.312	33.32		
DB-20962	B	25	2.078	52.78	0.500	12.70	1.852	47.04		
			D		E		F		G	
Part Number	Shell Size	Pos-itions	in	mm	in	mm	in	mm	in	mm
DA-20961	A	15	0.406	10.31	0.984	23.72	0.125	3.18	1.031	26.19
DB-20962	B	25	0.593	15.06	1.515	38.48	0.187	4.75	1.062	26.97

Straight Clamp Dimensions

			A		B		C	
Part Number	Shell Size	Positions	in	mm	in	mm	in	mm
DA-19678-1	A	15	1.531	38.89	0.500	12.70	1.312	33.32
DB-19678-2	B	25	2.078	52.78	0.500	12.70	1.852	47.04
DC-19678-3	C	37	2.718	69.04	0.500	12.70	2.500	63.50
DD-19678-4	D	50	2.625	66.68	0.609	15.47	2.406	61.11
			E		F		G	
Part Number	Shell Size	Positions	in	mm	in	mm	in	mm
DA-19678-1	A	15	0.296	7.52	0.312	7.92	0.640	16.26
DB-19678-2	B	25	0.296	7.52	0.796	20.22	0.640	16.26
DC-19678-3	C	37	0.296	7.52	0.687	17.45	0.640	16.26
DD-19678-4	D	50	0.390	9.91	0.687	17.45	0.703	17.86

Switching Shell

			A		B		C	
Part Number	Shell Size	Positions	in	mm	in	mm	in	mm

DA-19678-6	A	15	1.531	38.89	0.500	12.70	1.312	33.32
DB-19678-7	B	25	2.078	52.78	0.500	12.70	1.852	47.04
DC-19678-8	C	37	2.718	69.04	0.500	12.70	2.500	63.50
DD-19678-9	D	50	2.625	66.68	0.609	15.47	2.406	61.11

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- [4] DE-19977-30: <http://www.cinch.comjavascript:viewPartNumInfo>(
- [5] Drawing: <http://www.cinch.com/pdfs/1195165003-DX-19977-3X.PDF>
- [6] Drawing: <http://www.cinch.com/pdfs/1195249066-DX-246XX-3X.PDF>
- [7] Drawing: <http://www.cinch.com/pdfs/1195165027-DX-19977-3X.PDF>
- [8] Drawing: <http://www.cinch.com/pdfs/1195249098-DX-246XX-3X.PDF>
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