



Series 33 NPT Adapters

for AS50151 Solder Connectors

330BS003, 330BS004 NPT Adapter, Direct Coupling



Direct coupling. NPT adapter fits AS50151 (MS3100) solder connectors. Adapter has tapered ANSI/ASME B1.20.1 National Pipe Threads. Supplied with extra front adapters as necessary for compatibility with all connector brands. Aluminum or stainless steel, silicone O-ring.

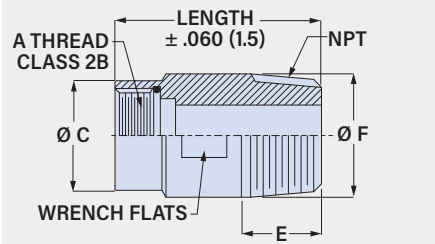
Adapter Code **B**

Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

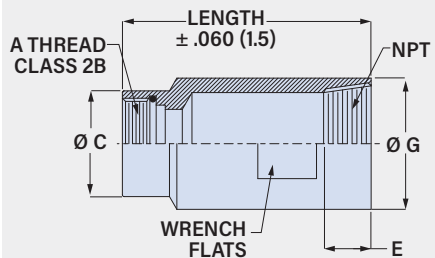
TABLE 1: NPT SIZE

Size Code	NPT Size	E		ø F		ø G	
		± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm	± .015 (0.4) in	± .015 (0.4) mm
03	3/8	.593	15.1	.675	17.1	.875	22.2
04	1/2	.781	19.8	.840	21.3	1.000	25.4
05	3/4	.812	20.6	1.050	26.7	1.250	31.8
06	1	1.000	25.4	1.315	33.4	1.500	38.1
07	1 1/4	1.031	26.2	1.660	42.2	1.750	44.5
08	1 1/2	1.031	26.2	1.900	48.3	2.125	54.0
09	2	1.062	27.0	2.375	60.3	2.500	63.5

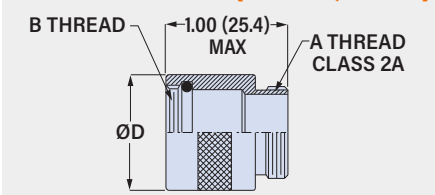
330BS003 WITH EXTERNAL NPT



330BS004 WITH INTERNAL NPT



FRONT ADAPTER (AS REQUIRED)



PART NUMBER

330BS003 M 16 04 -4 A

Base P/N	330BS003 External NPT 330BS004 Internal NPT																																
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc ZI SST/ Passivated																																
Shell Size	<table border="1"> <thead> <tr> <th>Code</th> <th>Shell Size</th> <th>Code</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>05</td> <td>10S</td> <td>20</td> <td>22</td> </tr> <tr> <td>08</td> <td>10SL</td> <td>21</td> <td>24</td> </tr> <tr> <td>11</td> <td>12, 12S</td> <td>22</td> <td>28</td> </tr> <tr> <td>14</td> <td>14, 14S</td> <td>23</td> <td>32</td> </tr> <tr> <td>15</td> <td>16, 16S</td> <td>26</td> <td>36</td> </tr> <tr> <td>16</td> <td>18</td> <td>31</td> <td>40</td> </tr> <tr> <td>17</td> <td>20</td> <td></td> <td></td> </tr> </tbody> </table>	Code	Shell Size	Code	Shell Size	05	10S	20	22	08	10SL	21	24	11	12, 12S	22	28	14	14, 14S	23	32	15	16, 16S	26	36	16	18	31	40	17	20		
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Length	<table border="1"> <tbody> <tr> <td>-3</td> <td>1.5 inches (NPT size 3/8 only)</td> <td rowspan="4">Length in 1/2 inch increments.</td> </tr> <tr> <td>-4</td> <td>2.0 inches (NPT size 3/8 to 1)</td> </tr> <tr> <td>-5</td> <td>2.5 inches</td> </tr> <tr> <td>-6</td> <td>3.0 inches</td> </tr> </tbody> </table>	-3	1.5 inches (NPT size 3/8 only)	Length in 1/2 inch increments.	-4	2.0 inches (NPT size 3/8 to 1)	-5	2.5 inches	-6	3.0 inches																							
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Connector Manufacturer Code	A Universal <i>Compatible with all manufacturers. Includes additional front adapter(s) as necessary to fit multiple manufacturers.</i>																																

Shell Size Code	Shell Size	A Main Backshell Class 2B		B Front Adapter Class 2B		øC Max		øD Max	
		in	mm	in	mm	in	mm	in	mm
05	10S	0.5000	12.7	0.5625	14.3	.724	18.4	.687	17.4
08	10SL	0.5625	14.3	0.6250	15.9	.724	18.4	.687	17.4
11	12, 12S	0.6250	15.9	0.6875	17.5	.848	21.5	.812	20.6
14	14, 14S	0.7500	19.0	N/A	N/A	.974	24.7	N/A	N/A
15	16, 16S	0.8750	22.1	N/A	N/A	1.102	28.0	N/A	N/A
16	18	1.0000	25.4	N/A	N/A	1.220	31.0	N/A	N/A
17	20	1.1250	28.6	1.1250	28.6	1.343	34.1	1.312	33.3
20	22	1.2500	31.8	N/A	N/A	1.343	34.1	N/A	N/A
21	24	1.3750	34.9	N/A	N/A	1.468	37.3	N/A	N/A
22	28	1.6250	41.7	N/A	N/A	1.593	40.5	N/A	N/A
23	32	1.8750	47.6	1.90625	48.3	2.125	54.0	2.062	52.4
26	36	2.1250	54.0	2.0625	52.4	2.375	60.3	2.312	58.7
				2.1250	54.0				
31	40	2.3750	60.3	2.3125	58.7	2.625	66.7	2.562	65.1