

COMPLETE THIS FORM TO INITIATE SUPPLIER SCOUTING

MEPNN Supplier Scouting Opportunity Synopsis

- *The submitting entity (MEP Center, requesting company, federal/state agency, other) agrees to notify NIST MEP of the status of actions taken as a result of this scouting instance within 30 days after receiving a results report. Notification should be via email to scouting@nist.gov, indicating the following:
- Contact with matches identified in report complete and supply contract awarded, process complete
 - Contact with matches identified in report complete and no supply contract awarded, process complete
 - Contact with matches identified in report complete and supply negotiations underway, process in progress
 - Contact with matches identified in report underway; supply negotiations not yet begun; process in progress
 - Contact with matches identified in report not yet begun, process in progress
 - Contact with matches identified in report will not occur within the next 6-months, process complete

Item to be Scouted

_____ days

Opportunities will be posted for 30 days unless specified

Please describe the item application/ the end use of item.* Provide the item number if applicable: (N95 Mask vs Protective Mask).

Supplier Scouting Number (NIST MEP use)

Scouting customer/product [NAICS Code](#), if known

TECHNICAL INFORMATION:	1. Supplier Information	a. Type of supplier being sought*
		<input type="checkbox"/> Manufacturer <input type="checkbox"/> Contract Manufacturer <input type="checkbox"/> Distributor <input type="checkbox"/> Other _____
	2. Summary of Technical Specifications and Performance Requirements:	b. Reason for scouting submission*
		<input type="checkbox"/> 2 nd Supplier <input type="checkbox"/> Price <input type="checkbox"/> Re-shore <input type="checkbox"/> Past supplier no longer available <input type="checkbox"/> New Product Startup <input type="checkbox"/> Other _____
		a. Describe the manufacturing processes (elaborate to provide as much detail as possible).*
		b. Provide dimensions / size / tolerances / performance specifications for the item.*
	c. List required materials needed to make the product, including materials of product components.*	

BUSINESS INFORMATION:	2. Summary of Technical Specifications and Performance Requirements cont:	d. Are there applicable certification requirements? * <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain
		e. Are there applicable regulations? * <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain
		f. Are there any other standards, requirements, etc.? * <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain
		g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.
		3a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:
		b. Estimated target price / unit cost information (flexible and negotiable <u>not</u> accepted) *:
		3. Volume and Pricing
4. Delivery Requirements:	a. When is it needed by? (Immediate, 30 Days, 6 months, etc.) *	
	b. Describe packaging requirements (i.e., individually/group packaging) *	
	c. Where will this item be shipped? *	
5. Additional Comments:	Is there other information you would like to include?	

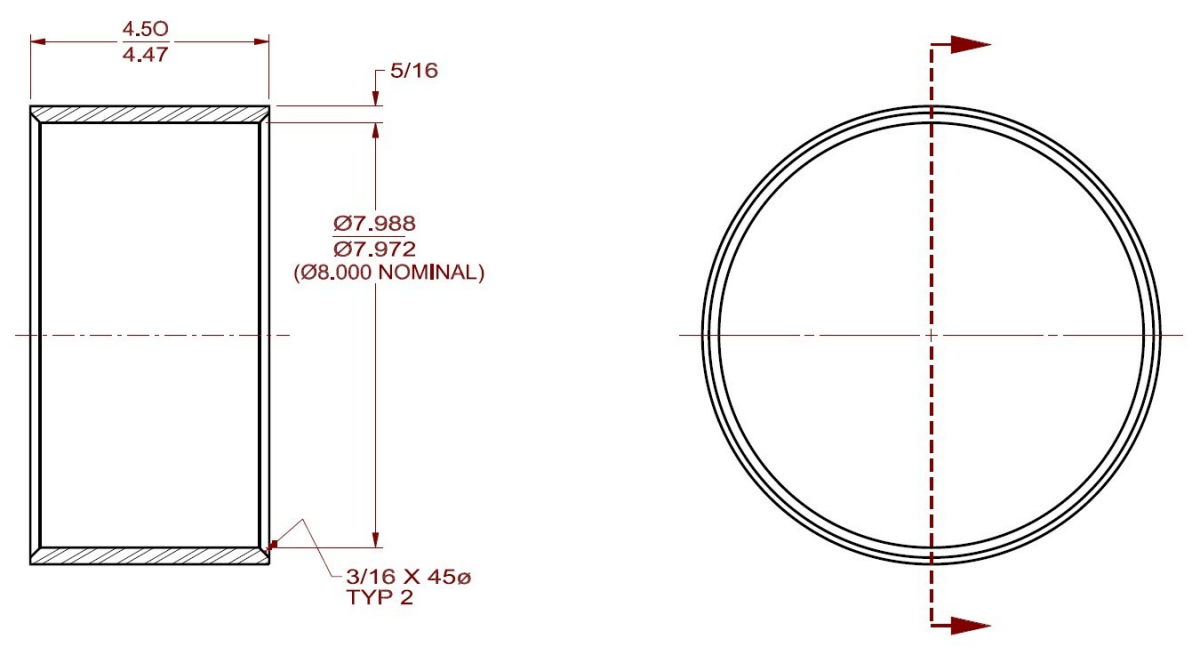
Photos or diagrams of the item (helpful but not required).

BASEBAND TOLERANCES BY TIRE & RIM STANDARDS ENGLISH BASEBANDS

BASIC BAND SIZE	"STEEL WHEEL" CIRCUMFERENCE	"C"	CIRCUMFERENTIAL TOLERANCE	BASEBAND ID TOLERANCE	Baseband NOM.	PIN TOLERANCE	LID TOLERANCE	SIPING FIXTURE
2.500	7.854	0.047	7.807 ±.025 = 7.832 - 7.782	2.493 - 2.477	2.485	2.455 - 2.460	2.445 - 2.450	
3.000	9.425	0.047	9.378 ±.025 = 9.403 - 9.353	2.993 - 2.977	2.985	2.955 - 2.960	2.945 - 2.950	
4.000	12.566	0.047	12.519 ±.025 = 12.544 - 12.494	3.993 - 3.977	3.985	3.955 - 3.960	3.945 - 3.950	
4.500	14.137	0.047	14.090 ±.025 = 14.115 - 14.065	4.493 - 4.477	4.485	4.455 - 4.460	4.445 - 4.450	YES
5.000	15.708	0.063	15.645 ±.025 = 15.670 - 15.620	4.988 - 4.972	4.980	4.950 - 4.955	4.940 - 4.945	YES
5.438	17.082	0.063	17.019 ±.025 = 17.044 - 16.994	5.425 - 5.409	5.417	5.387 - 5.392	5.377 - 5.382	
5.500	17.279	0.063	17.216 ±.025 = 17.241 - 17.191	5.488 - 5.472	5.480	5.450 - 5.455	5.440 - 5.445	
5.750	18.064	0.063	18.001 ±.025 = 18.026 - 17.976	5.738 - 5.722	5.730	5.700 - 5.705	5.690 - 5.695	
6.000	18.850	0.063	18.787 ±.025 = 18.812 - 18.762	5.988 - 5.972	5.980	5.950 - 5.955	5.940 - 5.945	YES
6.250	19.635	0.063	19.572 ±.025 = 19.597 - 19.547	6.238 - 6.222	6.230	6.200 - 6.205	6.190 - 6.195	YES
6.500	20.420	0.063	20.357 ±.025 = 20.382 - 20.332	6.488 - 6.472	6.480	6.450 - 6.455	6.440 - 6.445	YES
6.563	20.617	0.063	20.554 ±.025 = 20.579 - 20.529	6.550 - 6.534	6.542	6.512 - 6.517	6.502 - 6.507	
6.650	20.892	0.063	20.829 ±.025 = 20.854 - 20.804	6.638 - 6.622	6.630	6.600 - 6.605	6.590 - 6.595	
6.750	21.206	0.063	21.143 ±.025 = 21.168 - 21.118	6.738 - 6.722	6.730	6.700 - 6.705	6.690 - 6.695	
7.000	21.991	0.063	21.928 ±.025 = 21.953 - 21.903	6.988 - 6.972	6.980	6.950 - 6.955	6.940 - 6.945	
7.250	22.777	0.063	22.714 ±.025 = 22.739 - 22.689	7.238 - 7.222	7.230	7.200 - 7.205	7.190 - 7.195	
7.500	23.562	0.063	23.499 ±.025 = 23.524 - 23.474	7.488 - 7.472	7.480	7.450 - 7.455	7.440 - 7.445	
7.750	24.347	0.063	24.284 ±.025 = 24.309 - 24.259	7.738 - 7.722	7.730	7.700 - 7.705	7.690 - 7.695	
8.000	25.133	0.063	25.070 ±.025 = 25.095 - 25.045	7.988 - 7.972	7.980	7.950 - 7.955	7.940 - 7.945	YES
9.000	28.274	0.063	28.211 ±.025 = 28.236 - 28.186	8.988 - 8.972	8.980	8.950 - 8.955	8.940 - 8.945	
9.250	29.060	0.063	28.997 ±.025 = 29.022 - 28.972	9.238 - 9.222	9.230	9.200 - 9.205	9.190 - 9.195	
9.500	29.845	0.063	29.782 ±.025 = 29.807 - 29.757	9.488 - 9.472	9.480	9.450 - 9.455	9.440 - 9.445	
9.750	30.631	0.063	30.568 ±.025 = 30.593 - 30.543	9.738 - 9.722	9.730	9.700 - 9.705	9.690 - 9.695	YES
10.000	31.416	0.078	31.338 ±.025 = 31.363 - 31.313	9.983 - 9.967	9.975	9.945 - 9.950	9.935 - 9.940	
10.250	32.201	0.078	32.123 ±.025 = 32.148 - 32.098	10.233 - 10.217	10.225	10.195 - 10.200	10.185 - 10.190	
10.500	32.987	0.078	32.909 ±.025 = 32.934 - 32.884	10.483 - 10.467	10.475	10.445 - 10.450	10.435 - 10.440	YES
10.750	33.772	0.078	33.694 ±.025 = 33.719 - 33.669	10.733 - 10.717	10.725	10.695 - 10.700	10.685 - 10.690	
11.250	35.343	0.078	35.265 ±.025 = 35.290 - 35.240	11.233 - 11.217	11.225	11.195 - 11.200	11.185 - 11.190	YES
11.750	36.914	0.078	36.836 ±.025 = 36.861 - 36.811	11.733 - 11.717	11.725	11.695 - 11.700	11.685 - 11.690	
11.938	37.504	0.078	37.426 ±.025 = 37.451 - 37.401	11.921 - 11.905	11.913	11.883 - 11.888	11.873 - 11.878	
12.000	37.699	0.078	37.621 ±.025 = 37.646 - 37.596	11.983 - 11.967	11.975	11.945 - 11.950	11.935 - 11.940	
12.125	38.092	0.078	38.014 ±.025 = 38.039 - 37.989	12.108 - 12.092	12.100	12.070 - 12.075	12.060 - 12.065	YES
14.000	43.982	0.078	43.904 ±.025 = 43.929 - 43.879	13.983 - 13.967	13.975	13.945 - 13.950	13.935 - 13.940	
15.000	47.124	0.108	47.016 ±.025 = 47.041 - 46.991	14.974 - 14.958	14.966	14.936 - 14.941	14.926 - 14.931	YES
16.000	50.265	0.108	50.157 ±.025 = 50.182 - 50.132	15.974 - 15.958	15.966	15.936 - 15.941	15.926 - 15.931	YES
17.750	55.763	0.108	55.655 ±.025 = 55.680 - 55.630	17.724 - 17.708	17.716	17.686 - 17.691	17.676 - 17.681	
18.000	56.549	0.108	56.441 ±.025 = 56.466 - 56.416	17.974 - 17.958	17.966	17.936 - 17.941	17.926 - 17.931	
20.000	62.832	0.138	62.694 ±.025 = 62.719 - 62.669	19.964 - 19.948	19.956	19.926 - 19.931	19.916 - 19.921	
22.000	69.115	0.138	68.977 ±.025 = 69.002 - 68.952	21.964 - 21.948	21.956	21.926 - 21.931	21.916 - 21.921	
22.625	71.079	0.138	70.941 ±.025 = 70.966 - 70.916	22.589 - 22.573	22.581	22.551 - 22.556	22.541 - 22.546	
23.500	73.827	0.138	73.689 ±.025 = 73.714 - 73.664	23.464 - 23.448	23.456	23.426 - 23.431	23.416 - 23.421	
24.000	75.398	0.203	75.195 ±.025 = 75.220 - 75.170	23.943 - 23.927	23.935	23.905 - 23.910	23.895 - 23.900	
28.000	87.965	0.203	87.762 ±.025 = 87.787 - 87.737	27.943 - 27.927	27.935	27.905 - 27.910	27.895 - 27.900	
30.000	94.248	0.203	94.045 ±.025 = 94.070 - 94.020	29.943 - 29.927	29.935	29.905 - 29.910	29.895 - 29.900	
30.312	95.228	0.203	95.025 ±.025 = 95.050 - 95.000	30.255 - 30.239	30.247	30.217 - 30.222	30.207 - 30.212	
36.000	113.097	0.203	112.894 ±.025 = 112.919 - 112.869	35.943 - 35.927	35.935	35.905 - 35.910	35.895 - 35.900	

When calculating the proper fit of a press-on pin, take the mean of the BASEBAND I.D. TOLERANCE and subtract .030" for the bottom side of the tolerance. Add .005" to the bottom tolerance to get the top tolerance.

When calculating the proper fit of a press-on lid, take the mean of the BASEBAND I.D. TOLERANCE and subtract .040" for the bottom side of the tolerance. Add .005" to the bottom tolerance to get the top tolerance.



NOTE:
 1. BASEBAND ID CIRCUMFERENTIAL TOL.=25.095±.025

				MAT'L: STEEL			TITLE: BASEBAND 04.50 X Ø08.000				
REV	DATE	BY	CHANGE	DATE	12-10-93	DRAWN	HEARL	APP'D	SCALE	1:3	DW'G. NO.
<u>TOLERANCES UNLESS OTHERWISE SPECIFIED</u>											
.X	+/- .060	FRACTIONS: +/- 1/32									
.XX	+/- .020	SURFACE FINISH: 125									
.XXX	+/- .005	SURFACE FINISH: ✓									