



SIMMONDS PART NUMBER	THREAD / SIZE	A	B	C	D		H		S	V	W		X	MINIMUM TENSILE STRENGTH	APPROX WEIGHT
		max.	min.	min.	max.	min.	max.	min.	min.	min.	max.	min.		LBS. min.	LB/100
PLH 502x	.0860-56 UNJC-3B	.167	.137	.138	.106	.086	.100	.080	.045	.010	.127	.122	.0025	660	.02
PLH 504x	.1120-40 UNJC-3B	.206	.176	.171	.142	.112	.125	.103	.050	.010	.158	.150	.003	1,110	.05
PLH 506x	.1380-32 UNJC-3B	.244	.214	.207	.168	.138	.141	.115	.055	.010	.190	.181	.003	1,670	.08
PLH 508x	.1640-32 UNJC-3B	.290	.260	.244	.194	.164	.188	.125	.060	.015	.221	.213	.003	2,490	.15
PLH 53x	.1900-32 UNJF-3B	.330	.290	.277	.220	.190	.188	.154	.065	.015	.252	.243	.003	3,470	.18
PLH 54x	.2500-28 UNJF-3B	.420	.386	.347	.280	.250	.219	.204	.090	.019	.316	.304	.003	6,200	.35
PHL 55x	.3125-24 UNJF-3B	.520	.482	.419	.342	.312	.266	.251	.120	.023	.378	.367	.004	9,820	.60
PLH 56x	.3750-24 UNJF-3B	.620	.575	.491	.405	.375	.282	.267	.125	.030	.440	.430	.004	15,200	.80
PLH 57x	.4375-20 UNJF-3B	.708	.680	.562	.467	.437	.328	.313	.160	.035	.504	.494	.005	20,600	1.30
PLH 58x	.5000-20 UNJF-3B	.814	.786	.633	.530	.500	.410	.350	.225	.040	.566	.556	.005	27,500	2.10
PLH 59x	.5625-18 UNJF-3B	.912	.874	.775	.592	.562	.480	.420	.320	.045	.692	.680	.006	34,800	3.60
PLH 510x	.6250-18 UNJF-3B	1.014	.976	.846	.655	.625	.550	.490	.365	.050	.755	.743	.007	43,600	4.50

Contact Alcoa for the diameter/type in manufacturing.

■ Dimensions in Inch.

<b>MATERIAL:</b>	Non magnetic, heat and corrosion resistant steel. A 286 per AMS5525, AMS5735 or AMS5737.
<b>FINISH:</b>	PLH5xxx : Silver plate AMS2410. PLH5xxxM : Dry film lubricant in accordance with NASM25027.
<b>THREAD:</b>	AS8879 before lubrication.
<b>CLASSIFICATION:</b>	PLH5xxx: 800 °F. PLH5xxxM: 450° F.
<b>MARKING:</b>	PLH5xxx: SD + C + N. No identification is required on .1640 size and smaller. PLH5xxxM: SD + C. No identification is required on .1900 size and smaller.
<b>PROCUREMENT SPECIFICATION:</b>	NASM25027 except tensile strength.
<b>BEARING SURFACE:</b>	Shall be square with pitch diameter within X when measured in accordance with NASM25027.

<b>NUT – A286-REDUCED HEX, THIN, LIGHT WEIGHT 450 °F &amp; 800 °F</b>			<b>PLH5**</b>
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