Howmet Fastening Systems
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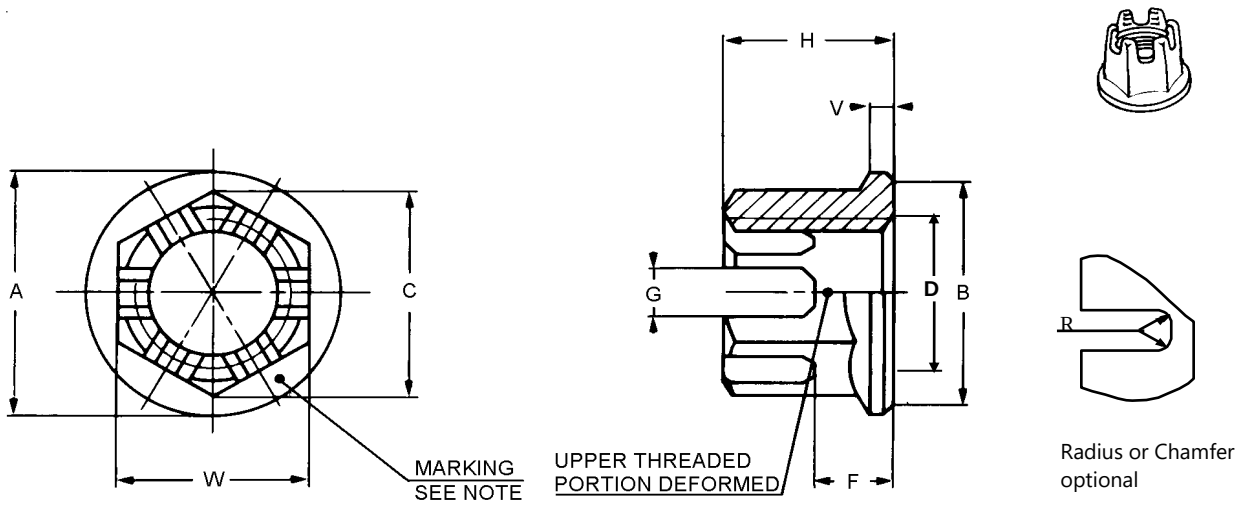

PART NUMBER	THREAD SIZE UNJF-3B	A MAX.	B MIN.	C MIN.	D MAX.	F ± .016	G MAX.	G MIN.	H ± .015	R MAX.	V REF.	W MAX.	W MIN.	MINIMUM TENSILE STRENGTH LBS.	APPROX WEIGHT LB/100
PHCR353	.1900-32	.325	.291	.277	.220	.109	.065	.050	.250	.035	.025	.252	.243	2,460	.20
PHCR354	.2500-28	.420	.386	.348	.280	.125	.100	.070	.281	.035	.025	.315	.306	4,580	.33
PHCR355	.3125-24	.520	.482	.419	.342	.172	.100	.070	.328	.035	.055	.378	.367	7,390	.55
PHCR356	.3750-24	.579	.539	.480	.405	.219	.155	.125	.406	.053	.070	.440	.430	11,450	.86
PHCR357	.4375-20	.645	.600	.552	.467	.266	.155	.125	.453	.053	.070	.504	.494	15,450	1.15
PHCR358	.5000-20	.770	.725	.623	.530	.359	.155	.125	.563	.053	.070	.566	.556	21,110	1.85
PHCR359	.5625-18	.850	.815	.765	.592	.391	.186	.156	.609	.062	.080	.692	.680	26,810	3.20
PHCR3510	.6250-18	.910	.875	.836	.655	.469	.186	.156	.719	.062	.090	.755	.743	34,130	4.20
PHCR3512	.7500-16	1.130	1.095	.978	.785	.563	.186	.156	.813	.062	.100	.880	.868	50,020	5.85
PHCR3514	.8750-14	1.345	1.300	1.121	.910	.656	.186	.156	.906	.062	.120	1.006	.993	68,440	9.70
PHCR3516	1.0000-12	1.545	1.500	1.263	1.035	.750	.186	.156	1.000	.062	.120	1.130	1.118	90,000	13.50
PHCR3518	1.1250-12	1.745	1.700	1.414	1.160	.813	.186	.156	1.156	.062	.140	1.255	1.242	116,700	20.65
PHCR3520	1.2500-12	1.915	1.875	1.556	1.285	.875	.186	.156	1.250	.062	.140	1.383	1.364	147,940	25.00

Contact Howmet Fastening Systems for the diameter/type in manufacturing

■ Dimensions in Inch.

MATERIAL: Alloy Steel - Heat treated.

FINISH:
450° F PHCR354 Alloy steel, Cadmium Plated per AMS-QQ-P-416, Type II, Class 2. + Cetyl alcohol.
450° F PHCR354 S7 Alloy steel, Cadmium Plated + Soluble Lubricant (SPS 7 or Kaylube K76).
450° F PHCR354 M Alloy steel, Cadmium Plated per AMS-QQ-P-416, type and class optional if lubricated nuts. meet salt spray requirement of AMS-QQ-P-416, type II. + dry Film Lubricant.

MARKING: Parts marked with manufacturer's symbol (SD).

PERFORMANCE: NASM25027 Except locking torque values applicable for 5 cycles and tensile strength per table.
Code NDT= 100 % Non Destructive Testing.

THREADS: In accordance with AS8879 before lubrication.

APPLICATION: These nuts have been designed to replace AN320 castellated nuts on critical aircraft control linkage. This design provides an increase in tensile strength while reducing weight substantially over similar parts.

DESIGNATION:

PHCR 35 12 M-NDT
NUT TYPE
MATERIAL CODE
DIAMETER CODE
SURFACE TREATMENT
NON-DESTRUCTIVE TESTING