

Nitriding Steels

Chemical Composition Ranges and Limits

AMS No.	C	Mn	Si	Cr	Ni	Mo	Al	Other Designations
6470	.38/.43	.45/.75	.20/.40	1.40/1.80	—	.30/.40	.95/1.30	135M or #3
6471	.38/.43	.50/.80	.15/.40	.25 max	1.40/1.80	.30/.40	.90/1.30	Nit #3
6472*	.38/.43	.50/.70	.20/.40	1.40/1.80	—	.30/.40	.95/1.30	—
6475	.21/.26	.50/.70	.20/.40	1.00/1.25	3.25/3.75	.20/.30	1.10/1.40	N

* P = .035 max, S = .040 max.