HOWMET AEROSPACE













Common Huck® Product Coatings

For Huck® Rivet Mandrels and Sleeves, HuckBolts® and Collars/Nuts

For more coatings, request a full list. Custom coatings available.

COLOR BLACK MATERIAL STEEL

FINISH ZINC FLECTROPLATE BLACK DYED TRIVALENT CHROMATE

PRODUCT(S)	ASTM B117 MIN HOURS
BL - Collars, Sleeves, Non-Grade 8 HuckBolts®	72
BLX - Collars and Non-Grade 8 HuckBolts (BL with 1 Coat of HuckGuard®)	500
BL2X - 3/8" AND LARGER COLLARS AND NON-GRADE 8 HUCKBOLTS (BL WITH 2 COATS OF HUCKGUARD®)	1000

COLOR SILVER MATERIAL STEEL **FINISH** ZINC ELECTROPLATE, TRIVALENT CHROMATE

PRODUCT(S)	ASTM B117 MIN HOURS
GA - Collars, Sleeves, Non-Grade 8 HuckBolts®	72
GAX - COLLARS AND NON-GRADE 8 HUCKBOLTS (GA with 1 Coat of HuckGuard®)	500
GA2X - 3/8" AND LARGER COLLARS AND NON-GRADE 8 HUCKBOLTS (GA WITH 2 COATS OF HUCKGUARD®)	1000

COLOR YELLOW MATERIAL STEEL

FINISH ZINC ELECTROPLATE, YELLOW DYED TRIVALENT CHROMATE

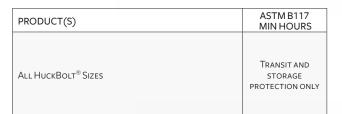
PRODUCT(S)	ASTM B117 MIN HOURS
UA - Collars, Sleeves, Non-Grade 8 HuckBolts®	96
UAX - Collars and Non-Grade 8 HuckBolts (UA with 1 Coat of HuckGuard®)	500
UA2X - 3/8" AND LARGER COLLARS AND NON-GRADE 8 HUCKBOLTS (UA WITH 2 COATS OF HUCKGUARD®)	1000



GEOMET 321, ORGANIC TOP COAT **FINISH**

PRODUCT(S)	ASTM B117 MIN HOURS
NP - Bolts and Mandrels (1 Coat Geomet)	48
D1 - 1/4" AND LARGER BOLTS AND MANDRELS (2 COATS GEOMET)	500
DL - 3/8″ AND LARGER BOLTS, EXCLUDING HUCK 360 (3 COATS GEOMET)	1000

COLOR SHINY OR FLAT BLACK MATERIAL STEEL **FINISH** BLACKENED OIL



COLOR RED MATERIAL STEEL

FINISH ZINC ELECTROPLATE, RED TRIVALENT

CHROMATE, RED ORGANIC TOP COAT WITH INTEGRAL LUBE

PRODUCT(S)	ASTM B117 MIN HOURS
RX - 3/8 $^{\prime\prime}$ and Larger Huck $360^{\circ\prime}$ Nuts	500

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251 Cree Crescent Winnipeg, MB Canada R3J 3X4

Tel: 204 837 8361 • 1 800 563 1293 Fax: 204 837 3520 • 1 800 974 1494

info@applifast.com











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