



ENGINEERING TECH BULLETIN

TRANSITION TO COATED FASTENERS

In the third quarter of 2021 Hutchens will begin to transition most threaded fasteners and washers from a “Plain” finish (a.k.a “black”) to a “Coated” finish of either Geomet® (Silver) or Zinc plating (Yellow).

New part numbers have been created for the coated fasteners and a cross reference is supplied on sheet 2.

The use of coated fasteners helps produce more consistent clamp loads in the bolted connection while improving corrosion resistance. Coated fasteners are considered lubricated and should be installed using the lower “Lubricated/Coated” torque values as shown on the latest versions of the applicable decals. Supplemental lubrication of any coated fastener is acceptable but not required.

The transition to coated fasteners will occur over time as a running change, with the coated fasteners shipping only after our inventories of the plain fasteners are depleted. In the interim Hutchens continues to recommend that all “plain” fasteners received be lubricated prior to installation.

Please note that during the transition Hutchens has elected to change the H9700 radius rod connections from fine threaded 1”-14, to coarse threaded 1”-8 bolts and nuts. In this case, it will be necessary to change both the bolt and nut at the same time because of the different thread pitches.

Other fasteners will change in the coming months, and during the transition we may ship a mixture of plain and coated bolts, nuts, and washers. We will attempt to minimize this even though plain and coated fasteners are interchangeable. As this change is implemented Hutchens Customer Service and Engineering will assist with any questions to ensure that the proper fasteners are selected.

Should you have any questions regarding this change please contact Hutchens Industries at 1-800-654-8824.

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		REV: A	DWG NO. ETB 2021-3



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TRANSITION TO COATED FASTENERS

↓ OBSOLETE P/N		↓ SUPERSEDING P/N		
HEX BOLTS AND CAP SCREWS				General Applications:
71902	HEX CAP SCREW, 1-14 X 5.00 LG, GR5 (USED with 1056201 1-14 FLANGE LOCKNUT)	2869901	HEX CAP SCREW-COATED, 1-8 UNC X 5.00 LG, GR8 use 2869601 1-8 FLANGE LOCKNUT-COATED	9700 Radius rod connection
929300	HEX CAP SCREW, 5/8-18 X 2.00 LG, GR5	1151203	HEX BOLT-ZINC, 5/8-18 X 2.00 LG, GR8	H900 seats
1160404	HEX CAP SCREW, 5/8-18 X 3.00 LG, GR5	2540101	HEX FLANGE SCREW - COATED, 5/8-11 X 3.00 GR8	H900 trunnion pedestal
1615001	HEX CAP SCREW, 1 1/8-7 X 6.63 LG, GR5	2870201	HEX CAP SCREW-COATED, 1 1/8-7 X 6.63 GR5	Rocker connection
2803901	HEX BOLT, 3/8-16 X 2.25 LG, GR5	2870301	HEX BOLT-COATED, 3/8-16 X 2.25 LG, GR5	Control shaft splice
2889501	SEM-RD HEAD SQ NECK, 1/2-20 X 1.25 LG	2900501	SEM-ZINC, RD HEAD SQ NECK, 1/2-20 X 1.25 LG	Series 10 slider hold down
3060301	HEX CAP SCREW, 5/8-11 X 4.50 GR 2	2870001	HEX CAP SCREW-COATED, 5/8-11 X 4.50 GR2	Spring retainer bolt
NUTS				
3301	HEX LOCKNUT-P&O, 1/2-20, GRB	2869201	HEX LOCKNUT-COATED, 1/2-20, GRB	Slider hold down + misc
3402	HEX LOCKNUT-P&O, 7/8-14, GRB	2241601	FLANGE LOCKNUT-ZINC, 7/8-14, GRG	9600 radius rod connection
84100	HEX LOCKNUT-P&O, 3/4-16, GRB	2241401	HEX LOCKNUT-ZINC, 3/4-16, GRC	H900 trunnion clamp
1056200	FLANGE LOCKNUT-P&O, 1-14, GRF	3099101+ 2872401	HEX LOCKNUT-ZINC, 1-14, GRC w/ 2872401 WASHER-HARDENED-COATED 1" NOM	H900 U-bolts. Not for use new Radius Rod connection
1115400	HEX LOCKNUT-P&O, 1 1/8-7, GRB	2869701	HEX LOCKNUT-COATED, 1 1/8-7 UNC-2B, GRB	Rocker connection
1758701	HEX LOCKNUT-P&O, 3/8-16, GRB	2869801	HEX LOCKNUT-COATED, 3/8-16, GRB	Control shaft splice
2059901	HEX NUT-P&O, 7/8-14, GR8	2241601	FLANGE LOCKNUT-ZINC, 7/8-14, GRG	H440 trunnion U-Bolts
2241201	HEX LOCKNUT-ZINC, 5/8-18, GRB	1151303	HEX LOCKNUT-ZINC, 5/8-18, GRC	MTA retainer bolts
2241301	HEX LOCKNUT-ZINC, 1/2-20, GRB	2869201	HEX LOCKNUT-COATED, 1/2-20, GRB	MTA radius rod
2540201	HEX LOCKNUT-ZINC, 5/8-11, GRC	2869501	HEX LOCKNUT-COATED, 5/8-11, GRC	Radius rod and retainer bolts
2869301	HEX NUT-COATED, 7/8-14, GR5	3404	HEX NUT-ZINC, 7/8-14, GR5	U-bolts
2869401	HEX LOCKNUT-COATED, 5/8-11, GRB	2869501	HEX LOCKNUT-COATED, 5/8-11, GRC	Retainer bolts + misc
2882401	HEX NUT-COATED, 3/4-16, GR8	1630301	HEX NUT-ZINC, 3/4-16, GR8	U-bolts
WASHERS				
3500	WASHER-HARDENED, 7/8 NOMINAL	2240801	WASHER-HARDENED-ZINC, 7/8 NOMINAL	U-bolts
3800	WASHER-HARDENED, 1/2 NOMINAL	2240901	WASHER-HARDENED-ZINC, 1/2 NOMINAL	Sliders - misc
81700	WASHER-HARDENED, 3/4 NOMINAL	2241001	WASHER-HARDENED-ZINC, 3/4 NOMINAL	U-bolts + H900
83700	WASHER-HARDENED, 1-1/8 NOMINAL	2870501	WASHER-HARDENED-COATED, 1-1/8 NOMINAL	H900 trunnion U-bolts
1027300	WASHER-HARDENED, 5/8 NOMINAL	2870701	WASHER-HARDENED-COATED, 5/8 NOMINAL	H900 spring seats
1771301	WASHER-HARDENED, 1 NOMINAL	2872401	WASHER-HARDENED-COATED, 1 NOMINAL	9700 radius rod TCB
2870401	WASHER-HARDENED-COATED, 7/8 NOM	2240801	WASHER-HARDENED-ZINC, 7/8 NOMINAL	U-bolts
2882501	WASHER-HARDENED-COATED, 3/4 NOM	2241001	WASHER-HARDENED-ZINC, 3/4 NOMINAL	U-bolts
<div><div>Fasteners will be superseded via running changes as inventories are managed.</div><div><div>Differences noted in RED</div><div>ZINC = Fe/ZN plated (YELLOW)</div><div>COATED = Geomet or Equiv. (SILVER)</div><div>Unspecified = Plain/Black Finish</div></div></div>				

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