

# Torque Instructions

SPICER Material	Description	U-Joint	U-Joint description	U-Joint Qty	Bolt	Bolt description	Bolt Qty	Tightening torque Nm	Tightening torque lbf ft
U-10019-10	U-JOINT WITH BOLTS	3050776020	115M50 - 5C Relube	1pc	3815300007	3/8-24 UNF 2Ax44,45, class 10.9, Phosphated	8pcs	44+8,5	32+6,3
U-10020-10	U-JOINT WITH BOLTS	3050138000	140M60 - 6C Relube	1pc	3815300007	3/8-24 UNF 2Ax44,45, class 10.9, Phosphated	8pcs	44+8,5	32+6,3
U-10021-10	U-JOINT WITH BOLTS	3050273000	140M60 - 6C Service Free	1pc	3815300007	3/8-24 UNF 2Ax44,45, class 10.9, Phosphated	8pcs	44+8,5	32+6,3
U-10022-10	U-JOINT WITH BOLTS	3050280000	148M70 - 7C Service Free	1pc	3815300014	1/2-20 UNF 2Ax50,8, class 10.9, Phosphated	8pcs	107+20	79+15
U-10022-20	U-JOINT WITH BOLTS	3050280000	148M70 - 7C Service Free	1pc	3815170012	M12x55, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10023-10	U-JOINT WITH BOLTS	3050389000	148M70 - 7C Relube	1pc	3815300014	1/2-20 UNF 2Ax50,8, class 10.9, Phosphated	8pcs	107+20	79+15
U-10023-20	U-JOINT WITH BOLTS	3050389000	148M70 - 7C Relube	1pc	3815170012	M12x55, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10024-10	U-JOINT WITH BOLTS	3050915000	148M70 - 7C Relube	1pc	3815300014	1/2-20 UNF 2Ax50,8, class 10.9, Phosphated	8pcs	107+20	79+15
U-10024-20	U-JOINT WITH BOLTS	3050915000	148M70 - 7C Relube	1pc	3815170012	M12x55, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10025-10	U-JOINT WITH BOLTS	3050246000	165M85 - 8,5C Relube	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10025-20	U-JOINT WITH BOLTS	3050246000	165M85 - 8,5C Relube	1pc	3815170013	M12x65, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10026-10	U-JOINT WITH BOLTS	3050261000	165M85 - 8,5C Relube	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10027-10	U-JOINT WITH BOLTS	3050281000	165M85 - 8,5C Service Free	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10027-20	U-JOINT WITH BOLTS	3050281000	165M85 - 8,5C Service Free	1pc	3815170013	M12x65, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10028-10	U-JOINT WITH BOLTS	3050A62000	206M80 - 8C Relube	1pc	3815300014	1/2-20 UNF 2Ax50,8, class 10.9, Phosphated	8pcs	107+20	79+15
U-10029-10	U-JOINT WITH BOLTS	3050A64000	206M80 - 8C Service Free	1pc	3815300014	1/2-20 UNF 2Ax50,8, class 10.9, Phosphated	8pcs	107+20	79+15
U-10030-10	U-JOINT WITH BOLTS	3050231000	209M90 - 9C Relube	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10030-20	U-JOINT WITH BOLTS	3050231000	209M90 - 9C Relube	1pc	3815170013	M12x65, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10031-10	U-JOINT WITH BOLTS	3050427000	209M90 - 9C Service Free	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10031-20	U-JOINT WITH BOLTS	3050427000	209M90 - 9C Service Free	1pc	3815170013	M12x65, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10032-10	U-JOINT WITH BOLTS	3050A52000	213M100 - 10C Relube	1pc	3815300017	5/8-18 UNF 2Ax76,2, class 10.9, Phosphated	8pcs	215+40	159+30
U-10032-20	U-JOINT WITH BOLTS	3050A52000	213M100 - 10C Relube	1pc	3815190003	M16x80, class 10.9, Phosphated	8pcs	223+42	164+31
U-10033-10	U-JOINT WITH BOLTS	3050A53000	213M100 - 10C Service Free	1pc	3815300017	5/8-18 UNF 2Ax76,2, class 10.9, Phosphated	8pcs	215+40	159+30
U-10033-20	U-JOINT WITH BOLTS	3050A53000	213M100 - 10C Service Free	1pc	3815190003	M16x80, class 10.9, Phosphated	8pcs	223+42	164+31
U-10034-10	U-JOINT WITH BOLTS	3050A59000	213M100 - 10C Relube	1pc	3815300017	5/8-18 UNF 2Ax76,2, class 10.9, Phosphated	8pcs	215+40	159+30
U-10034-20	U-JOINT WITH BOLTS	3050A59000	213M100 - 10C Relube	1pc	3815190003	M16x80, class 10.9, Phosphated	8pcs	223+42	164+31
U-10035-10	U-JOINT WITH BOLTS	3050A55000	222M110 - 11C Relube	1pc	3815300004	3/4-16 UNF 2Ax76,2, class 10.9, Phosphated	8pcs	215+40	159+30
U-10035-20	U-JOINT WITH BOLTS	3050A55000	222M110 - 11C Relube	1pc	3815190003	M16x80, class 10.9, Phosphated	8pcs	223+42	164+31
U-10036-10	U-JOINT WITH BOLTS	3050A56000	222M110 - 11C Service Free	1pc	3815300004	3/4-16 UNF 2Ax76,2, class 10.9, Phosphated	8pcs	376+70	277+52
U-10036-20	U-JOINT WITH BOLTS	3050A56000	222M110 - 11C Service Free	1pc	3815030006	M20x90, class 10.9, Phosphated	8pcs	436+82	322+60
U-10038-10	U-JOINT WITH BOLTS	3050523001	260M150 - 15C Relube	1pc	3815030007	3/4-16 UNF 2Ax88,9, class 10.9, Phosphated	8pcs	376+70	277+52
U-10038-20	U-JOINT WITH BOLTS	3050523001	260M150 - 15C Relube	1pc	3815030006	M20x90, class 10.9, Phosphated	8pcs	436+82	322+60
U-10039-20	U-JOINT WITH BOLTS	3050232000	310M230 - 14,5C Relube	1pc	3815220004	M22x1,5x105, class 10.9, Phosphated	8pcs	628+152(2)	463+112(2)
U-10040-20	U-JOINT WITH BOLTS	3050518000	280M220 - 12,5C Relube	1pc	3815200002	M18x1,5x90, class 10.9, Black Oxide	8pcs	377+40	278+30
U-10041-20	U-JOINT WITH BOLTS	3050A84000	288M120 - 12C Low Maint	1pc	3815180001	M14x1,5x80, class 10.9, Phosphated	8pcs	153+29	113+21
U-10042-10	U-JOINT WITH BOLTS	3050370000	115M50 - 5C Service Free	1pc	3815300007	3/8-24 UNF 2Ax44,45, class 10.9, Phosphated	8pcs	44+8,5	32+6,3
U-10043-10	U-JOINT WITH BOLTS	3050742000	108M40 - 4C Relube	1pc	3815300001	5/16-24 UNF 2Ax38,1, class 10.9, Phosphated	8pcs	24+4,5	18+3,3
U-10044-10	U-JOINT WITH BOLTS	3050742020	108M40 - 4C Service Free	1pc	3815300001	5/16-24 UNF 2Ax38,1, class 10.9, Phosphated	8pcs	24+4,5	18+3,3
U-10045-10	U-JOINT WITH BOLTS	3050964000	165M85 - 8,5C Relube	1pc	3815300015	1/2-20 UNF 2Ax63,5, class 10.9, Phosphated	8pcs	107+20	79+15
U-10045-20	U-JOINT WITH BOLTS	3050964000	165M85 - 8,5C Relube	1pc	3815170013	M12x65, class 10.9, Phosphated	8pcs	91+17	67+12,5
U-10046-20	U-JOINT WITH BOLTS	3050781000	246M210 - 11,5C Relube	1pc	3820000002	TE16X1,5X95, class 10.9 UN15738, Nut E16X1,5X17,8, class 5S, Nylon	8pcs	287+32	212+23,6
U-10047-20	U-JOINT WITH BOLTS	3050A54000	288M120 - 12C Relube	1pc	3815180001	M14x1,5x80, class 10.9, Phosphated	8pcs	153+29	113+21
U-10048-20	U-JOINT WITH BOLTS	3050A68000	288M120 - 12C Relube	1pc	3815180001	M14x1,5x80, class 10.9, Phosphated	8pcs	153+29	113+21
U-10049-20	U-JOINT WITH BOLTS	3050A51000	339M140 - 14C Relube	1pc	3814930001	M18x1,5x110, class 10.9, Phosphated	8pcs	337+113(1)	249+83(1)
U-10050-20	U-JOINT WITH BOLTS	3050101000	339M140 - 14C Low Maint	1pc	3814930001	M18x1,5x110, class 10.9, Phosphated	8pcs	337+113(1)	249+83(1)
U-10051-20	U-JOINT WITH BOLTS	3050232000	310M230 - 14,5C Relube	1pc	3815220004	M22x1,5x105, class 10.9, Phosphated	8pcs	628+152(2)	463+112(2)
U-10052-20	U-JOINT WITH BOLTS	3050421000	310M230 - 14,5C Low Maint	1pc	3815220004	M22x1,5x105, class 10.9, Phosphated	8pcs	628+152(2)	463+112(2)
U-10053-10	U-JOINT WITH BOLTS	3050A69000	260M150 - 15C Service Free	1pc	3815030007	3/4-16 UNF 2Ax88,9, class 10.9, Phosphated	8pcs	376+70	277+52
U-10053-20	U-JOINT WITH BOLTS	3050A69000	260M150 - 15C Service Free	1pc	3815030006	M20x90, class 10.9, Phosphated	8pcs	436+82	322+60