

Air Impacttools



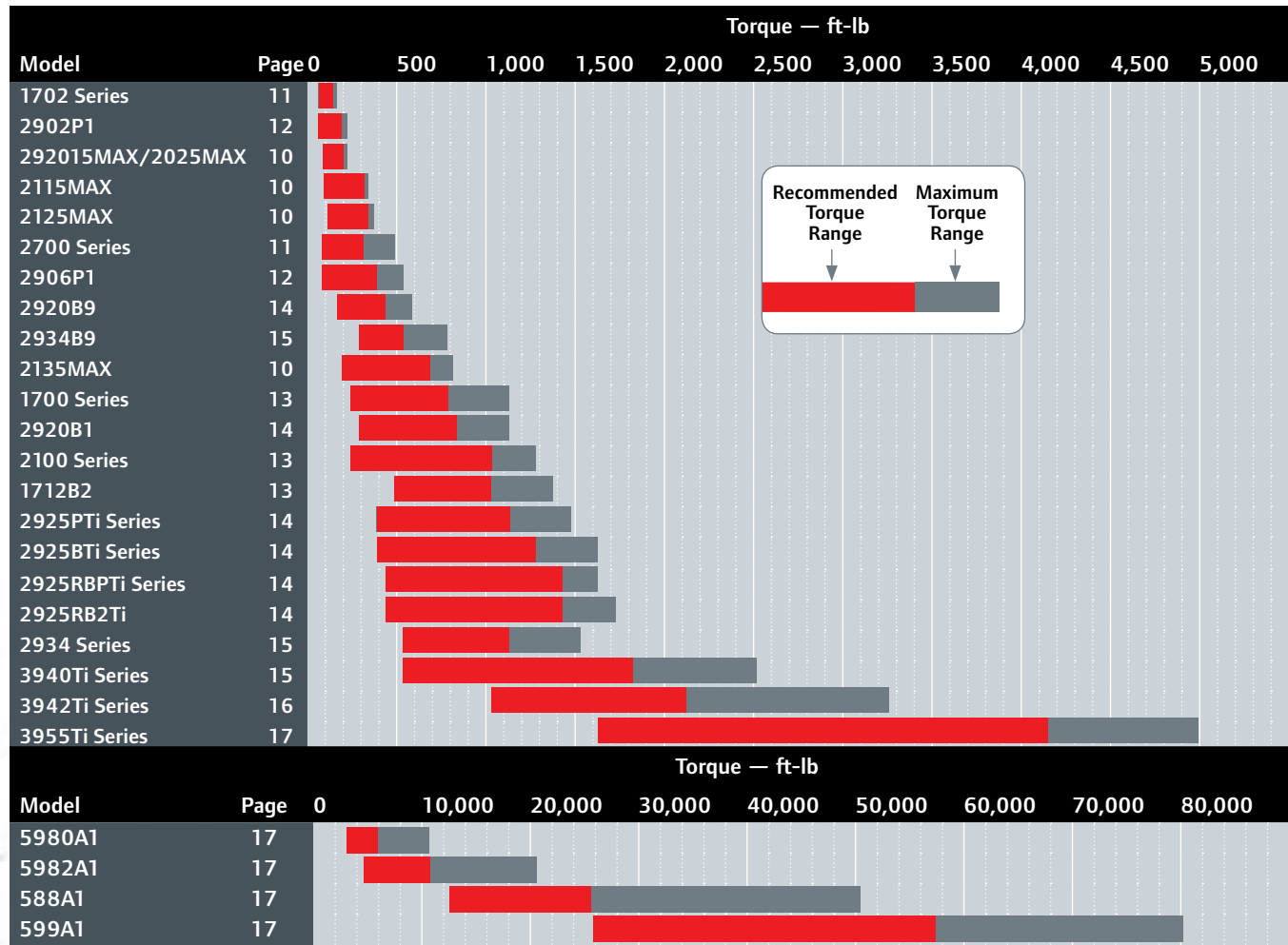
**The hardest hitting
Impacttools in the business.**

We offer a wide range of pneumatic Impacttools that deliver the flexibility you need to fit even the most unique and demanding applications. Whether it's light routine repair work, or heavy-duty maintenance, Ingersoll Rand has the right tool for the job.

Our Impacttools are designed with durability in mind, from the vanes turning the motor to the hammer frames and anvils. Proprietary hardening and treatment processes, innovative ergonomic designs, and excellence in manufacturing all add up to the longest lasting, hardest hitting Impacttools in the business.

Torque Ranges

Ingersoll Rand Impactools range in torque from 45 to 5,288 ft-lb.
See the chart below to find the series that fits your torque requirements.



Air Impactool Selection Guide

This chart will assist you in selecting a particular Impactool for a specific application. The figures used are based on 70 percent of the tension proof load of a given size and bolt grade.

For example, a Grade 5 bolt has a proof load of 94,200 psi. A 1/2" Grade 5 bolt has a tensile stress area — the cross-section at the root of the thread — of 0.1282 sq in, and an actual proof load of 12,076 lb. Seventy percent of this proof load is 8,453 lb. By looking at the chart, we find that in order to put 8,450 lb of tension on the 1/2" UNC Grade 5 bolt, we must apply 70 ft-lb of torque. To do this, we recommend the 2906 Series Impactool. Remember that 70 percent of the proof load is normally the amount of tension needed to ensure a properly tightened joint.

Bolt Grade	Bolt Diam – in (mm)		1/4" (6)	5/16" (8)	3/8" (10)	7/16" (11)	1/2" (13)	9/16" (14)	5/8" (16)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)
	Hex Size – in Max Min		1/2" 3/8"	19/32" 15/32"	11/16" 9/16"	25/32" 21/32"	7/8" 3/4"	31/32" 27/32"	1-1/16" 15/16"	1-1/4" 1-1/8"	1-7/16" 1-5/16"	1-5/8" 1-1/2"	1-13/16" 1-11/16"	2" 1-7/8"
Grade 1	Torque	ft-lb (Nm)	3 (4.07)	6 (8.14)	11 (14.9)	18 (24.4)	28 (38)	43 (58.3)	55 (74.6)	97 (132)	155 (210)	230 (312)	340 (461)	480 (651)
	Impactool Recommended		2902	2902	2902	2906	2906	2906	2906	1720	1720	2925	2925	2934
	Tension	lb (kN)	730 (3.24)	1,210 (5.38)	1,800 (8.01)	2,460 (10.9)	3,280 (14.6)	4,200 (18.7)	5,200 (23.1)	7,000 (31.1)	10,600 (47.1)	14,000 (62.3)	18,200 (80.9)	23,000 (102)
Grade 5	Torque	ft-lb (Nm)	8 (10.8)	16 (21.7)	28 (38)	46 (62.4)	70 (95)	110 (149)	140 (190)	250 (339)	405 (549)	600 (814)	770 (1044)	1,080 (1464)
	Impactool Recommended		2902	2902	2902	2906	2906	2906	1720	2925	2925	2934	2934	3940
	Tension	lb (kN)	1,900 (8.4)	3,100 (13.8)	4,600 (20.4)	6,350 (28.2)	8,450 (37.6)	10,900 (48.5)	13,500 (60)	20,000 (89)	27,400 (122)	36,000 (160)	41,000 (182)	52,000 (231)
ASTM-A325	Torque	ft-lb (Nm)	–	–	–	–	–	–	200 (271)	355 (481)	570 (773)	850 (1153)	1,060 (1437)	1,495 (2027)
	Impactool Recommended		–	–	–	–	–	–	2925	2934	2934	2934	3940	3942
	Tension	lb (kN)	–	–	–	–	–	–	19,000 (44.5)	28,000 (124)	39,000 (173)	51,000 (227)	56,000 (249)	71,000 (319)
Grade BB ASTM-A354	Torque	ft-lb (Nm)	8 (10.8)	15 (20.3)	27 (36.6)	43 (58.3)	66 (89.5)	106 (144)	131 (178)	234 (317)	376 (510)	565 (766)	830 (1125)	1,170 (1586)
	Impactool Recommended		2902	2902	2902	2906	2906	2906	1720	2925	2929	2934	2934	3940
	Tension	lb (kN)	1,780 (7.9)	2,930 (13)	4,340 (19.3)	5,950 (26.5)	7,950 (35.4)	10,190 (45.3)	12,660 (56.3)	18,700 (83.1)	25,870 (115)	33,940 (151)	44,240 (196)	56,000 (249)
Grade BC ASTM-A354	Torque	ft-lb (Nm)	10 (13.6)	20 (27.1)	35 (47.5)	56 (75.9)	86 (117)	138 (187)	173 (234)	306 (415)	495 (671)	742 (1006)	1,090 (1478)	1,530 (2075)
	Impactool Recommended		2902	2902	2906	2906	2906	2906	1720	2925	2934	2934	3940	3942
	Tension	lb (kN)	2,340 (10.4)	3,850 (17.1)	5,700 (25.3)	7,815 (34.8)	10,430 (46.4)	13,380 (59.5)	16,610 (74)	24,550 (109)	33,960 (151)	44,550 (198)	58,070 (258)	73,500 (327)
Grade 8 ASTM-A354 Grade BD	Torque	ft-lb (Nm)	11 (14.9)	23 (31.2)	40 (54.2)	65 (88.1)	99 (134)	159 (216)	198 (268)	350 (475)	566 (767)	848 (1150)	1,245 (1688)	1,750 (2373)
	Impactool Recommended		2902	2902	2906	2906	2906	2906	1720	2925	2934	2934	3940	3955
	Tension	lb (kN)	2,740 (12.2)	4,400 (19.6)	6,510 (28.9)	8,930 (39.7)	11,920 (53)	15,290 (68)	18,980 (84.4)	28,050 (125)	38,800 (172)	50,900 (226)	66,360 (295)	84,000 (374)
ASTM-A490	Torque	ft-lb (Nm)	–	–	–	–	–	–	250 (339)	435 (590)	715 (970)	1,070 (1451)	1,580 (2142)	2,125 (2882)
	Impactool Recommended		–	–	–	–	–	–	2925	2934	2934	3940	3942	3955
	Tension	lb (kN)	–	–	–	–	–	–	24,000 (107)	35,000 (156)	49,000 (218)	64,000 (285)	80,000 (356)	102,000 (454)

The appropriate torque required to achieve 70 ft-lb is based on the formula $T = kDL$, where T = torque (ft-lb), k = frictional constant = 0.2*, D = fastener diameter (ft), and L = loader tension (lb).

*The frictional constant can vary based on thread condition, lubrication, and surface conditions, and should be established through testing for critical applications.

Only certain tools are shown in this chart. Compare the required torque shown with torque ranges shown in the tool specifications tables to select other suitable tools.

Bolt Grade	Bolt Diam – in (mm)	1-3/8" (35)	1-1/2" (38)	1-5/8" (41)	1-3/4" (44)	2" (51)	2-1/4" (57)	2-1/2" (64)	2-3/4" (70)	3" (76)	3-1/4" (83)	3-1/2" (89)	3-3/4" (95)	4" (102)
	Hex Size – in Max Min	2-3/16" 2-1/8"	2-3/8" 2-1/4"	2-9/16" 2-7/16"	2-3/4" 2-5/8"	3-1/8" 3"	3-3/8" 3-1/2"	3-7/8" 3-3/4"	4-1/4" 4-1/8"	4-5/8" 4-1/2"	5" 4-7/8"	5-3/8" 5-1/4"	5-3/4" 5-5/8"	6-1/8" 6"
Grade 1	Torque ft-lb (Nm)	660 (895)	860 (1166)	–	–	–	–	–	–	–	–	–	–	–
	Impactool Recommended	2934	3940	–	–	–	–	–	–	–	–	–	–	–
	Tension lb (kN)	28,400 (126)	34,600 (154)	–	–	–	–	–	–	–	–	–	–	–
Grade 5	Torque ft-lb (Nm)	1,470 (1933)	1,950 (2644)	–	–	–	–	–	–	–	–	–	–	–
	Impactool Recommended	3942	3955	–	–	–	–	–	–	–	–	–	–	–
	Tension lb (kN)	64,000 (285)	77,000 (342)	–	–	–	–	–	–	–	–	–	–	–
ASTM-A325	Torque ft-lb (Nm)	1,960 (2658)	1,950 (3526)	–	–	–	–	–	–	–	–	–	–	–
	Impactool Recommended	3955	5980	These bolts are used on structural steel applications. Torque and tension values are based on running the nut beyond the proof load of the bolt by the turn of the nut method. For detailed information consult the bolt manufacturer.										
	Tension lb (kN)	85,000 (378)	103,000 (458)	–	–	–	–	–	–	–	–	–	–	–
Grade BB ASTM-A354	Torque ft-lb (Nm)	1,580 (2142)	2,080 (2820)	2,700 (3661)	3,400 (4610)	5,150 (6983)	7,500 (10170)	10,300 (13967)	13,100 (17764)	17,100 (23188)	21,800 (29561)	27,500 (37290)	34,000 (46104)	41,300 (56003)
	Impactool Recommended	3942	3955	5980	5980	155,120	5982	588	588	588	599	599	599	599
	Tension lb (kN)	69,050 (307)	83,550 (371)	99,680 (443)	116,480 (518)	155,120 (690)	199,360 (887)	248,640 (1106)	285,080 (1268)	314,780 (1520)	403,725 (1796)	470,400 (2092)	542,850 (2414)	620,025 (2758)
Grade BC ASTM-A354	Torque ft-lb (Nm)	2,075 (2814)	2,440 (3309)	3,545 (4807)	4,465 (6054)	6,785 (9200)	9,815 (13309)	13,600 (18442)	16,550 (22442)	21,645 (29351)	27,000 (37561)	34,760 (47134)	42,980 (58281)	52,360 (71000)
	Impactool Recommended	3955	5980	5980	5980	5982	5982	588	588	588	599	599	599	599
	Tension lb (kN)	90,360 (403)	109,620 (488)	130,830 (582)	152,880 (680)	203,950 (907)	261,660 (1164)	326,340 (1452)	361,100 (1606)	432,910 (1926)	517,690 (2303)	595,840 (2650)	687,610 (3058)	787,370 (3493)
Grade 8 ASTM-A354 Grade BD	Torque ft-lb (Nm)	2,375 (3220)	3,135 (4251)	–	–	–	–	–	–	–	–	–	–	–
	Impactool Recommended	3955	5980	–	–	–	–	–	–	–	–	–	–	–
	Tension lb (kN)	103,570 (461)	125,330 (557)	–	–	–	–	–	–	–	–	–	–	–
ASTM-A490	Torque ft-lb (Nm)	2,780 (3770)	3,700 (5017)	–	–	–	–	–	–	–	–	–	–	–
	Impactool Recommended	5980	5980	These bolts are used on structural steel applications. Torque and tension values are based on running the nut beyond the proof load of the bolt by the turn of the nut method. For detailed information consult the bolt manufacturer.										
	Tension lb (kN)	121,000 (538)	148,000 (658)	–	–	–	–	–	–	–	–	–	–	–



2100 MAX Series



MAINTENANCE DUTY

- Titanium hammer case
- Cast aluminum hammer case (2015/25 MAX)
- Composite housing
- Reverse-biased motor
- Twin hammer mechanism
- Single hammer mechanism (2015/25 MAX)
- 1/4" NPT inlet

Model	Description	Details	Handle	 rpm	 rpm	 ft-lb (Nm)	 ft-lb (Nm)	 lb (kg)	 in (mm)	 in (mm)	 in (mm)	 cfm
2015MAX	3/8" Square at 90°	Hog-ring	Straight	7,100	2,100	F: 150 (203) R: 180 (244)	F: 45 – 140 (61 – 190) R: 45 – 160 (61 – 217)	3.4 (1.54)	13.1 (332)	1.1 (28)	3/8 (10)	19 (538)
2025MAX	1/2" Square at 90°	Hog-ring	Straight	7,100	2,100	F: 150 (203) R: 180 (244)	F: 45 – 140 (61 – 190) R: 45 – 160 (61 – 217)	3.4 (1.54)	13.1 (332)	1.1 (28)	3/8 (10)	19 (538)
2115TiMAX	3/8" Square	Hog-ring	Pistol	15,000	1,500	F: 250 (339) R: 300 (407)	F: 25 – 230 (34 – 312) R: 55 – 280 (75 – 300)	2.48 (1.12)	5.95 (151)	1.1 (28)	3/8 (10)	17 (481)
2115QTiMAX	3/8" Square	Hog-ring, Quietool	Pistol	15,000	1,500	F: 250 (339) R: 300 (407)	F: 25 – 230 (34 – 312) R: 55 – 280 (75 – 300)	2.48 (1.12)	5.95 (151)	1.1 (28)	3/8 (10)	17 (481)
2115PTiMAX	3/8" Square	Pin Retainer, Quietool	Pistol	15,000	1,500	F: 250 (339) R: 300 (407)	F: 25 – 230 (34 – 312) R: 55 – 280 (75 – 300)	2.48 (1.12)	5.95 (151)	1.1 (28)	3/8 (10)	17 (481)
2125QTiMAX	1/2" Square	Hog-ring, Quietool	Pistol	15,000	1,500	F: 277 (375) R: 332 (450)	F: 25 – 251 (34 – 340) R: 76 – 302 (103 – 410)	2.51 (1.14)	6.1 (155)	1.1 (28)	3/8 (10)	17 (481)
2125PTiMAX	1/2" Square	Pin Retainer, Quietool	Pistol	15,000	1,500	F: 277 (375) R: 332 (450)	F: 25 – 251 (34 – 340) R: 76 – 302 (103 – 410)	2.51 (1.14)	6.1 (155)	1.1 (28)	3/8 (10)	17 (481)
2135TiMAX	1/2" Square	Hog-ring	Pistol	9,800	1,250	F: 600 (813) R: 780 (1054)	F: 50 – 550 (68 – 746) R: 150 – 650 (203 – 880)	3.95 (1.79)	7.35 (186.7)	1- 3/8 (35)	3/8 (10)	24 (680)
2135QTiMAX	1/2" Square	Hog-ring, Quietool	Pistol	9,800	1,250	F: 600 (813) R: 780 (1054)	F: 50 – 550 (68 – 746) R: 150 – 650 (203 – 880)	3.95 (1.79)	7.35 (186.7)	1- 3/8 (35)	3/8 (10)	24 (680)
2135PTiMAX	1/2" Square	Pin Retainer	Pistol	9,800	1,250	F: 600 (813) R: 780 (1054)	F: 50 – 550 (68 – 746) R: 150 – 650 (203 – 880)	3.95 (1.79)	7.35 (186.7)	1- 3/8 (35)	3/8 (10)	24 (680)
2135QPTiMAX	1/2" Square	Pin Retainer, Quietool	Pistol	9,800	1,250	F: 600 (813) R: 780 (1054)	F: 50 – 550 (68 – 746) R: 150 – 650 (203 – 880)	3.95 (1.79)	7.35 (186.7)	1- 3/8 (35)	3/8 (10)	24 (680)



1702 Series



1702P1



1702SB1

HEAVY DUTY

- Jumbo hammer mechanism
- Steel hammer case
- Pressure-fed mechanism lubrication
- 1/4" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
1702P1	3/8" square	Pin Retainer	Pistol	10,000	1,500	125 (170)	20 – 100 (27 – 136)	2.75 (1.25)	5.5 (140)	1.38 (34)	5/16 (8)	15 (425)
1702P4	1/4" hex	Pin Retainer	Pistol	10,000	1,500	125 (170)	20 – 100 (27 – 136)	2.75 (1.25)	5.5 (140)	1.38 (35)	5/16 (8)	15 (425)
1702SB1	3/8" square	Pin Retainer	Straight	10,000	1,500	105 (142)	13 – 85 (18 – 115)	2.5 (1.12)	5.88 (149)	1 (25)	5/16 (8)	13 (368)

2700 Series



2705P1



2707P1

HEAVY DUTY

- Jumbo hammer mechanism
- Steel hammer case
- Pressure-fed mechanism lubrication
- 1/4" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2705P1	1/2" square	Pin Retainer	Pistol	8,500	1,200	400 (542)	40 – 250 (54 – 271)	5.63 (2.55)	6.75 (171)	1.38 (34)	3/8 (10)	23 (651)
2707P1	1/2" hex	Pin Retainer	Pistol	7,750	1,300	450 (610)	40 – 275 (54 – 373)	6 (2.72)	6.5 (165)	1.38 (34)	3/8 (10)	26 (736)



2900 Series



2902P1



2906P1

SUPER DUTY

- Steel hammer case
- Jumbo hammer mechanism (2902P1)
- Twin hammer mechanism (2906P1)
- Pressure-fed mechanism lubrication
- Integral muffler
- 1/4" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2902P1	3/8" square	Pin Retainer	Pistol	10,000	1,500	180 (244)	20 – 150 (27 – 204)	2.5 (1.25)	5.5 (140)	1.38 (35)	3/8 (10)	15 (425)
2906P1	1/2" square	Pin Retainer	Pistol	5,000	1,200	500 (678)	40 – 350 (54 – 475)	6 (2.72)	6.88 (175)	1.34 (34)	3/8 (10)	23 (651)

Tune-up kits

Part Number	For Use With
3/8" & 1/2" IMPACTOOL	
2015-TK	2015/25 MAX
2115-TK2	2115/25 MAX
2135-TK2	2135 MAX
1702SB-TK2	1702SB1
1702P-TK2	1702P1, 2902P1
2705-TK3	2705P1
2707-TK2	2707P1
2906P-TK1	2906P1

Hammer kits

Part Number	For Use With
3/8" & 1/2" IMPACTOOL	
2015-THK	2015/25 MAX
2115-THK2	2115/25 MAX
2135-THK1	2135TiMAX 2135QTiMAX
2135PTi-THK1	2135PTiMAX 2135QPTiMAX

Note: Ingersoll Rand lubricants and greases are available to fulfill maintenance needs.

Anvils & hangers

Part Number	Description	For Use With
3/8" & 1/2" IMPACTOOL		
1702-A926-4	1/4" hex quick change anvil assembly	1702/2902 Series
2U-A925-4	Quick change chuck for 1/4" hex shank accessories	1702/2902 Series
1702-A926-7	7/16" hex quick change anvil assembly	1702/2902 Series
502-A925-7	Quick change chuck for 7/16" hex shank accessories	1702/2902 Series
705-A926-7	7/16" hex quick change anvil assembly	2906P1
1901-365	Vertical hanger	1702SB1
2908-365	Vertical hanger	2906P1
1901-366	Horizontal hanger	1702SB1
2706-366	Horizontal hanger	2707P1
904-366	Horizontal hanger	2906P1
2U-215	Socket adapter (3/8" to 1/2")	1702SB1





2100 Series



MAINTENANCE DUTY

- Steel hammer case
- Composite housing (2141, 2141P)
- Twin hammer mechanism
- Jumbo hammer mechanism (2161, 2171P)
- 3/8 NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2141	3/4" square Reverse bias motor	Hog-ring	Pistol	7,250	1,175	F: 1,100 (1492) R: 1,200 (1627)	F: 200 – 900 (272 – 1220) R: 200 – 900 (272 – 1220)	7.15 (3.24)	8.3 (210)	1.84 (47)	1/2 (13)	40 (1133)
2141P	3/4" square Reverse bias motor	Through-hole socket retainer	Pistol	7,250	1,175	F: 1,100 (1492) R: 1,200 (1627)	F: 200 – 900 (272 – 1220) R: 200 – 900 (272 – 1220)	7.15 (3.24)	8.3 (210)	1.84 (47)	1/2 (13)	40 (1133)
2161XP	3/4" square	Hog-ring	Pistol	6,000	1,025	1,250 (1695)	300 – 1,000 (407 – 1360)	12.14 (5.5)	8.3 (210)	1.75 (44)	1/2 (13)	46 (1303)
2161P	3/4" square	Through-hole socket retainer	Pistol	6,000	1,025	1,250 (1695)	300 – 1,000 (407 – 1360)	12.14 (5.5)	8.3 (210)	1.75 (44)	1/2 (13)	46 (1303)
2171XP	1" square	Hog-ring	Pistol	6,000	1,025	1,250 (1695)	300 – 1,000 (407 – 1360)	12.32 (5.6)	8.5 (216)	1.75 (44)	1/2 (13)	46 (1303)
2171P	1" square	Through-hole socket retainer	Pistol	6,000	1,025	1,250 (1695)	300 – 1,000 (407 – 1360)	12.32 (5.6)	8.5 (216)	1.75 (44)	1/2 (13)	46 (1303)

1700 Series



HEAVY DUTY

- Steel hammer case
- Jumbo hammer mechanism
- Pressure-feed mechanism lubrication
- Integral muffler
- 3/8" inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
1720P1	3/4" square	Through-hole socket retainer	Pistol	5,500	1,000	1,000 (1360)	200 – 600 (271 – 814)	12.54 (5.65)	7.63 (194)	1.91 (48)	1/2 (13)	40 (1133)
1720P3	1" square	Through-hole socket retainer	Pistol	5,500	1,100	1,100 (1491)	250 – 750 (339 – 1017)	12.54 (5.65)	7.63 (194)	1.91 (48)	1/2 (13)	40 (1133)
1720B1	3/4" square	Through-hole socket retainer	Grip I.T.	5,500	1,000	1,000 (1360)	200 – 600 (271 – 814)	13.87 (6.29)	11.75 (299)	1.91 (48)	1/2 (13)	40 (1133)
1720B3	1" square	Through-hole socket retainer	Grip I.T.	5,500	1,000	1,100 (1491)	250 – 750 (339 – 1017)	13.87 (6.29)	11.75 (299)	1.91 (48)	1/2 (13)	40 (1133)
1712B2	1" square	Through-hole socket retainer	Grip I.T.	6,000	800	1,350 (1898)	450 – 1,000 (610 – 1356)	18.25 (8.28)	11.25 (286)	2.19 (56)	3/4 (19)	47 (1331)



2920 Series



2920B9



2920B1

SUPER DUTY

- Steel hammer case
- Twin hammer mechanism
- Pressure-fed mechanism lubrication
- Integral muffler
- 3/8" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2920B1	3/4" square	Through-hole socket retainer	Grip	5,000	950	1,100 (1492)	250 – 800 (339 – 1085)	13.19 (5.98)	12.5 (318)	1.91 (49)	1/2 (13)	36 (1020)
2920B9	3/4" square at 90°	Through-hole socket retainer	Grip	5,000	950	550 (746)	125 – 400 (170 – 542)	23.69 (10.75)	17.5 (445)	1.31 (33)	1/2 (13)	36 (1020)

2925Ti Series



2925P1Ti



2925B2Ti

SUPER DUTY

- Titanium hammer case
- Corrode-X™ component package
- Twin hammer mechanism
- Choice of balanced or reversed bias motor
- Pressure-fed mechanism lubrication
- Integral muffler
- 3/8" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2925P1Ti	3/4" square	Through-hole socket retainer	Pistol	5,200	1,050	1,450 (1966)	350 – 1,100 (475 – 1492)	12 (5.44)	8.9 (225)	1.75 (44)	1/2 (13)	60 (1699)
2925RBP1Ti	3/4" square reverse bias	Through-hole socket retainer	Pistol	5,200	1,050	F: 1,300 (1763) R: 1,600 (2169)	F: 300 – 950 (407 – 1288) R: 400 – 1,400 (542 – 1898)	12 (5.44)	8.9 (225)	1.75 (44)	1/2 (13)	60 (1699)
2925B2Ti	1" square	Through-hole socket retainer	Grip I.T.	6,500	900	1,600 (2169)	350 – 1,250 (475 – 1695)	15.2 (6.89)	13.28 (334)	1.75 (44)	1/2 (13)	60 (1699)
2925RB2Ti	1" square reverse bias	Through-hole socket retainer	Grip I.T.	6,500	900	F: 1,500 (2333) R: 1,700 (2304)	F: 300 – 950 (407 – 1288) R: 400 – 1,400 (542 – 1898)	15.2 (6.89)	13.28 (334)	1.75 (44)	1/2 (13)	60 (1699)
2925P3Ti	1" square	Through-hole socket retainer	Pistol	5,200	1,050	1,450 (1966)	350 – 1,100 (475 – 1492)	12.2 (5.54)	9.04 (230)	1.74 (44)	1/2 (13)	60 (1699)
2925RBP3Ti	1" square reverse bias	Through-hole socket retainer	Pistol	5,200	1,050	F: 1,300 (1763) R: 1,600 (2169)	F: 300 – 950 (407 – 1288) R: 400 – 1,400 (542 – 1898)	12.2 (5.54)	9.04 (230)	1.74 (44)	1/2 (13)	60 (1699)



2934 Series



2934P2



2934B2

SUPER DUTY

- Cast iron hammer case
- Bronze endplates
- Twin hammer mechanism
- Pressure-fed mechanism lubrication
- Integral muffler
- 1/2" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
2934B2	1" square	Through-hole socket retainer	Grip I.T.	6,600	750	1,500 (2034)	500 – 1,100 (678 – 1491)	18.5 (8.39)	11.25 (286)	2.19 (56)	3/4 (19)	47 (1331)
2934B9	1" square at 90°	Through-hole socket retainer	Grip I.T.	5,300	780	750 (1017)	250 – 500 (339 – 678)	35.75 (16.2)	18.63 (473)	1.63 (41)	3/4 (19)	47 (1331)
2934P2	1" square	Through-hole socket retainer	Pistol	5,300	825	1,500 (2034)	500 – 1,100 (678 – 1491)	20 (9.07)	8.63 (219)	2.19 (56)	3/4 (19)	47 (1331)

3940Ti Series



3940P2Ti



3940B2Ti

SUPER DUTY

- Titanium hammer case
- Bronze endplates
- Twin hammer mechanism
- Reverse bias motor
- Pressure-fed mechanism lubrication
- Integral muffler
- 1/2" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
3940A1Ti	No. 5 spline	Through-hole socket retainer	Grip O.T.	6,000	800	2,500 (3390)	F: 500 – 1,650 (680 – 2240) R: 500 – 1,800 (680 – 2440)	21.2 (9.6)	13.4 (341)	2.3 (59)	3/4 (19)	75 (2124)
3940A2Ti	1" square	Through-hole socket retainer	Grip O.T.	6,000	800	2,500 (3390)	F: 500 – 1,650 (680 – 2240) R: 500 – 1,800 (680 – 2440)	21.2 (9.6)	13.4 (341)	2.3 (59)	3/4 (19)	75 (2124)
3940B1Ti	No. 5 spline	Through-hole socket retainer	Grip I.T.	6,000	800	2,500 (3390)	F: 500 – 1,650 (680 – 2240) R: 500 – 1,800 (680 – 2440)	21.2 (9.6)	13.4 (341)	2.3 (59)	3/4 (19)	75 (2124)
3940B2Ti	1" square	Through-hole socket retainer	Grip I.T.	6,000	800	2,500 (3390)	F: 500 – 1,650 (680 – 2240) R: 500 – 1,800 (680 – 2440)	21.2 (9.6)	13.4 (341)	2.3 (59)	3/4 (19)	75 (2124)
3940P2Ti	1" square	Through-hole socket retainer	Pistol	5,300	800	2,500 (3390)	F: 500 – 1,650 (680 – 2240) R: 500 – 1,800 (680 – 2440)	20.4 (9.3)	10.1 (256)	2.3 (59)	3/4 (19)	75 (2124)



3942Ti Series



3942B2Ti



3942A2Ti

SUPER DUTY

- Titanium hammer case
- Bronze endplates
- Twin hammer mechanism
- Reverse bias motor
- Pressure-fed mechanism lubrication
- Integral muffler
- 1/2" NPT inlet

Model	Description	Details	Handle									
				rpm		ft-lb (Nm)	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
3942A2Ti	1" square	Through-hole socket retainer	Grip O.T.	5,000	850	3,250 (4406)	F: 1,000 – 1,950 (1356 – 2644) R: 1,000 – 2,100 (1356 – 2848)	22.6 (10.5)	14.2 (361)	2.3 (59)	3/4 (19)	95 (2690)
3942B1Ti	No. 5 spline	Through-hole socket retainer	Grip I.T.	5,000	850	3,250 (4406)	F: 1,000 – 1,950 (1356 – 2644) R: 1,000 – 2,100 (1356 – 2848)	22.6 (10.5)	14.2 (361)	2.3 (59)	3/4 (19)	95 (2690)
3942B2Ti	1" square	Through-hole socket retainer	Grip I.T.	5,000	850	3,250 (4406)	F: 1,000 – 1,950 (1356 – 2644) R: 1,000 – 2,100 (1356 – 2848)	22.6 (10.5)	14.2 (361)	2.3 (59)	3/4 (19)	95 (2690)

Tune-up kits

Part Number	For Use With
3/4" TO 1-1/2" IMPACTOOL	
2141-TK1	2141, 2141P
2161-TK2	2161XP, 2161P 2171XP, 2171P
1720B-TK2	1720B1, 1720B3
1720P-TK2	1720P1, 1720P3
1712B/1712P-TK3	1712B2
2920B-TK2	2920 Series
2920P-TK2	2920 Series
2925B-TK2	2925Ti Series
2934-TK3	2934 Series
3940-TK1	3940Ti Series
3942-TK1	3942Ti Series
3955-TK1	3955Ti Series

Hammer kits

Part Number	For Use With
3/4" & 1" IMPACTOOL	
2141-THK1	2100 Series

Anvils & hangers

Part Number	Description	For Use With
3/4" & 1" IMPACTOOL		
1712-A526	Spline drive anvil assembly	1712B2
2910B-A926-10	Quick change anvil assembly	2920 Series
2910-A526	#4 spline drive anvil assembly	2920 Series & 2925 Series
2934-A526	Spline drive anvil assembly	2934 Series
2161-366	Horizontal hanger	2161/71 & 2925Ti Series
910-366	Horizontal hanger	1720/2920 Series
2934-366	Horizontal hanger	1712B2 & 2934 Series



Note: Ingersoll Rand lubricants & greases are available to fulfill maintenance needs.



3955Ti Series



3955A2Ti



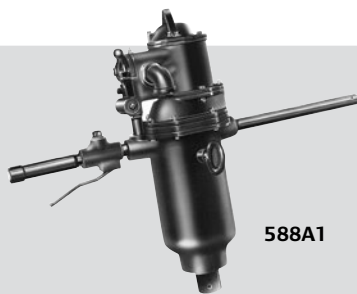
3955B2Ti

SUPER DUTY

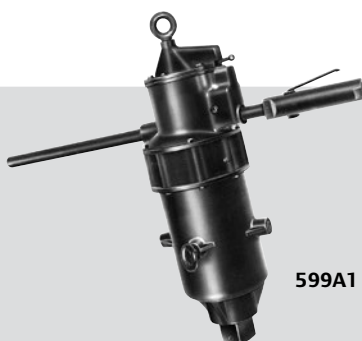
- Titanium hammer case
- Bronze endplates
- Twin hammer mechanism
- Reverse bias motor
- Pressure-fed mechanism lubrication
- Integral muffler
- 1/2" NPT inlet

Model	Description	Details	Handle									
				rpm			ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
3955A2Ti	1-1/2" square	Through-hole socket retainer	Grip O.T.	2,750	700	5,000 (6779)	F: 1,600 – 3,900 (2169 – 5288) R: 1,600 – 4,150 (2170 – 5630)	34.6 (15.7)	16.65 (423)	2.67 (68)	3/4 (19)	80 (2265)
3955B1Ti	No. 5 spline	Through-hole socket retainer	Grip I.T.	2,750	700	5,000 (6779)	F: 1,600 – 3,900 (2169 – 5288) R: 1,600 – 4,150 (2170 – 5630)	34.6 (15.7)	16.65 (423)	2.67 (68)	3/4 (19)	80 (2265)
3955B2Ti	1-1/2" square	Through-hole socket retainer	Grip I.T.	2,750	700	5,000 (6779)	F: 1,600 – 3,900 (2169 – 5288) R: 1,600 – 4,150 (2170 – 5630)	34.6 (15.7)	16.65 (423)	2.67 (68)	3/4 (19)	80 (2265)

5000 Series



588A1



599A1

SUPER DUTY

- Cast aluminum hammer case (5980A1, 5982A1)
- Cast iron hammer case (588A1, 599A1)
- Precision ball and cam mechanism
- Built-in lubricator
- Lever throttle
- Dead handle
- Vertical and horizontal hangars

Model	Description	Details	Handle									
				rpm			ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)	cfm
5980A1	1-1/2" square	3/4" NPT Inlet	Lever	830	1,000	10,000 (13560)	2,300 – 5,500 (3119 – 7460)	88 (39.9)	23 (584)	3.06 (78)	1 (25)	138 (3908)
5982A1	2-1/2" square	3/4" NPT Inlet	Lever	830	850	20,000 (27120)	4,000 – 10,000 (5424 – 13560)	120 (54.5)	25.38 (645)	3.5 (90)	1 (25)	130 (3681)
588A1	2-1/2" square	1" NPT Inlet	Lever	355	550	50,000 (67800)	12,000 – 25,000 (16270 – 33900)	215 (97.5)	26.63 (676)	4 (101)	1 (25)	155 (4389)
599A1	3-1/2" square	1-1/4" NPT Inlet	Lever	295	500	80,000 (108500)	26,000 – 42,000 (35250 – 57000)	599 (272)	37.5 (952)	6.75 (171)	1-1/2 (38)	375 (10619)