

Model	Battery V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Locking ring	Ordering No.
ITB-A31-05-10	14 V & 18 V	1 - 5	2972	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 05
ITB-A31-05-10-H	14 V & 18 V	1 - 5	2972	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 05
ITB-A31-05-10-HMI	14 V & 18 V	1 - 5	2972	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 05
ITB-A31-05-10-HMI-H	14 V & 18 V	1 - 5	2972	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 05
ITB-A31-05-I06	14 V & 18 V	1 - 5	2972		2.0	419.6	74.5	90°	-	8436 0030 06
ITB-A31-05-I06-H	14 V & 18 V	1 - 5	2972		2.0	419.6	74.5	90°	-	8436 0034 06
ITB-A31-05-I06-HMI	14 V & 18 V	1 - 5	2972		2.1	419.6	74.5	90°	-	8436 0031 06
ITB-A31-05-I06-HMI-H	14 V & 18 V	1 - 5	2972		2.1	419.6	74.5	90°	-	8436 0035 06
ITB-A31-10-10	14 V & 18 V	3 - 12	1269	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 10
ITB-A31-10-10-H	14 V & 18 V	3 - 12	1269	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 10
ITB-A31-10-10-HMI	14 V & 18 V	3 - 12	1269	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 10
ITB-A31-10-10-HMI-H	14 V & 18 V	3 - 12	1269	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 10
ITB-A31-10-I06	14 V & 18 V	3 - 12	1269		2.0	419.6	74.5	90°	-	8436 0030 11
ITB-A31-10-I06-H	14 V & 18 V	3 - 12	1269		2.0	419.6	74.5	90°	-	8436 0034 11
ITB-A31-10-I06-HMI	14 V & 18 V	3 - 12	1269		2.1	419.6	74.5	90°	-	8436 0031 11
ITB-A31-10-I06-HMI-H	14 V & 18 V	3 - 12	1269		2.1	419.6	74.5	90°	-	8436 0035 11
ITB-A31-15-10	14 V & 18 V	5 - 15	944	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 15
ITB-A31-15-10-H	14 V & 18 V	5 - 15	944	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 15
ITB-A31-15-10-HMI	14 V & 18 V	5 - 15	944	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 15
ITB-A31-15-10-HMI-H	14 V & 18 V	5 - 15	944	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 15
ITB-A31-15-I06	14 V & 18 V	5 - 15	944		2.0	419.6	74.5	90°	-	8436 0030 16
ITB-A31-15-I06-H	14 V & 18 V	5 - 15	944		2.0	419.6	74.5	90°	-	8436 0034 16
ITB-A31-15-I06-HMI	14 V & 18 V	5 - 15	944		2.1	419.6	74.5	90°	-	8436 0031 16
ITB-A31-15-I06-HMI-H	14 V & 18 V	5 - 15	944		2.1	419.6	74.5	90°	-	8436 0035 16
ITB-A31-20-10	18 V	5 - 22	681	sq. 3/8	2.2	453.5	74.5	90°	-	8436 0030 20
ITB-A31-20-10-H	18 V	5 - 22	681	sq. 3/8	2.2	453.5	74.5	90°	-	8436 0034 20
ITB-A31-20-10-HMI	18 V	5 - 22	681	sq. 3/8	2.3	453.5	74.5	90°	-	8436 0031 20
ITB-A31-20-10-HMI-H	18 V	5 - 22	681	sq. 3/8	2.3	453.5	74.5	90°	-	8436 0035 20
ITB-A61-100-13	36 V	20 - 100	279	sq. 1/2	3.5	540.3	74.5	90°	-	8436 0060 10
ITB-A61-100-13-H	36 V	20 - 100	279	sq. 1/2	3.5	540.3	74.5	90°	-	8436 0064 10
ITB-A61-100-HAD	36 V	20 - 100	279		3.6	541.3	74.5	90°	-	8436 0060 12
ITB-A61-100-13-HMI	36 V	20 - 100	279	sq. 1/2	3.6	540.3	74.5	90°	-	8436 0061 10
ITB-A61-100-13-HMI-H	36 V	20 - 100	279	sq. 1/2	3.6	540.3	74.5	90°	-	8436 0065 10
ITB-A61-100-HAD-HMI	36 V	20 - 100	279		3.7	541.3	74.5	90°	-	8436 0061 12
ITB-A61-150-13	36 V	30 - 160	195	sq. 1/2	4.2	576.5	74.5	90°	-	8436 0060 15
ITB-A61-150-13-H	36 V	30 - 160	195	sq. 1/2	4.2	576.5	74.5	90°	-	8436 0064 15
ITB-A61-150-HAD	36 V	30 - 160	195		4.3	577.2	74.5	90°	-	8436 0060 16
ITB-A61-150-13-HMI	36 V	30 - 160	195	sq. 1/2	4.3	576.5	74.5	90°	-	8436 0061 15
ITB-A61-150-13-HMI-H	36 V	30 - 160	195	sq. 1/2	4.3	576.5	74.5	90°	-	8436 0065 15
ITB-A61-150-HAD-HMI	36 V	30 - 160	195		4.4	577.2	74.5	90°	-	8436 0061 16
ITB-A61-180-13	36 V	35 - 180	165	sq. 1/2	4.2	576	74.5	90°	-	8436 0060 18
ITB-A61-180-13-H	36 V	35 - 180	165	sq. 1/2	4.2	576	74.5	90°	-	8436 0064 18

Model	Battery V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Locking ring	Ordering No.
ITB-A61-180-HAD	36 V	35 - 180	165		4.3	577.2	74.5	90°	-	8436 0060 19
ITB-A61-180-13-HMI	36 V	35 - 180	165	sq. 1/2	4.3	576	74.5	90°	-	8436 0061 18
ITB-A61-180-13-HMI-H	36 V	35 - 180	165	sq. 1/2	4.3	576	74.5	90°	-	8436 0065 18
ITB-A61-180-HAD-HMI	36 V	35 - 180	165		4.4	577.2	74.5	90°	-	8436 0061 19
ITB-A61-200-20	36 V	40 - 200	165	sq. 3/4	4.3	578	74.5	90°	-	8436 0060 20
ITB-A61-200-20-H	36 V	40 - 200	165	sq. 3/4	4.3	578	74.5	90°	-	8436 0064 20
ITB-A61-200-HAD	36 V	40 - 200	165		4.3	579.3	74.5	90°	-	8436 0060 21
ITB-A61-200-20-HMI	36 V	40 - 200	165	sq. 3/4	4.4	578	74.5	90°	-	8436 0061 20
ITB-A61-200-20-HMI-H	36 V	40 - 200	165	sq. 3/4	4.4	578	74.5	90°	-	8436 0065 20
ITB-A61-200-HAD-HMI	36 V	40 - 200	165		4.5	578.3	74.5	90°	-	8436 0061 21
ITB-A61-25-10	18 V & 36 V	6 - 28	1294	sq. 3/8	2.3	478	74.5	90°	-	8436 0060 25
ITB-A61-25-10-H	18 V & 36 V	6 - 28	1294	sq. 3/8	2.3	478	74.5	90°	-	8436 0064 25
ITB-A61-25-10-HMI	18 V & 36 V	6 - 28	1294	sq. 3/8	2.4	478	74.5	90°	-	8436 0061 25
ITB-A61-25-10-HMI-H	18 V & 36 V	6 - 28	1294	sq. 3/8	2.4	478	74.5	90°	-	8436 0065 25
ITB-A61-30-10	18 V & 36 V	7 - 35	977	sq. 3/8	2.3	479.5	74.5	90°	-	8436 0060 30
ITB-A61-30-10-H	18 V & 36 V	7 - 35	977	sq. 3/8	2.3	479.5	74.5	90°	-	8436 0064 30
ITB-A61-30-HAD	18 V & 36 V	7 - 35	977		2.9	501.1	74.5	90°	-	8436 0060 32
ITB-A61-30-10-HMI	18 V & 36 V	7 - 35	977	sq. 3/8	2.4	479.5	74.5	90°	-	8436 0061 30
ITB-A61-30-10-HMI-H	18 V & 36 V	7 - 35	977	sq. 3/8	2.4	479.5	74.5	90°	-	8436 0065 30
ITB-A61-30-HAD-HMI	18 V & 36 V	7 - 35	977		3.0	501.1	74.5	90°	-	8436 0061 32
ITB-A61-40-10	18 V & 36 V	8 - 40	977	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0060 40
ITB-A61-40-10-H	18 V & 36 V	8 - 40	977	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0064 40
ITB-A61-40-10-HMI	18 V & 36 V	8 - 40	977	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0061 40
ITB-A61-40-10-HMI-H	18 V & 36 V	8 - 40	977	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0065 40
ITB-A61-50-10	18 V & 36 V	10 - 55	587	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0060 50
ITB-A61-50-10-H	18 V & 36 V	10 - 55	587	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0064 50
ITB-A61-50-HAD	18 V & 36 V	10 - 55	587		3.0	492.5	74.5	90°	-	8436 0060 52
ITB-A61-50-10-HMI	18 V & 36 V	10 - 55	587	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0061 50
ITB-A61-50-10-HMI-H	18 V & 36 V	10 - 55	587	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0065 50
ITB-A61-50-HAD-HMI	18 V & 36 V	10 - 55	587		3.1	492.5	74.5	90°	-	8436 0061 52
ITB-A61-70-13	36 V	15 - 80	424	sq. 1/2	3.0	503.3	74.5	90°	-	8436 0060 70
ITB-A61-70-13-H	36 V	15 - 80	424	sq. 1/2	3.0	503.3	74.5	90°	-	8436 0064 70
ITB-A61-70-13-HMI	36 V	15 - 80	424	sq. 1/2	3.1	503.3	74.5	90°	-	8436 0061 70
ITB-A61-70-13-HMI-H	36 V	15 - 80	424	sq. 1/2	3.1	503.3	74.5	90°	-	8436 0065 70
ITB-A61-40-FS	18 V & 36 V	8 - 40	977		2.5	491.5	74.5	90°	-	8436 0060 41
ITB-A61-50-FS	18 V & 36 V	10 - 55	587		2.5	491.5	74.5	90°	-	8436 0060 51
ITB-A61-70-FS	36 V	15 - 80	424		3.0	503.3	74.5	90°	-	8436 0060 71
ITB-A61-100-FS	36 V	20 - 100	279		3.5	540.3	74.5	90°	-	8436 0066 10
ITB-A61-150-FS	36 V	30 - 160	195		4.2	576.5	74.5	90°	-	8436 0066 15
ITB-A61-180-FS	36 V	35 - 180	165		4.2	576	74.5	90°	-	8436 0066 18
ITB-A61-200-FS	36 V	40 - 200	165		4.3	578	74.5	90°	-	8436 0066 20

FS = flush socket angle head

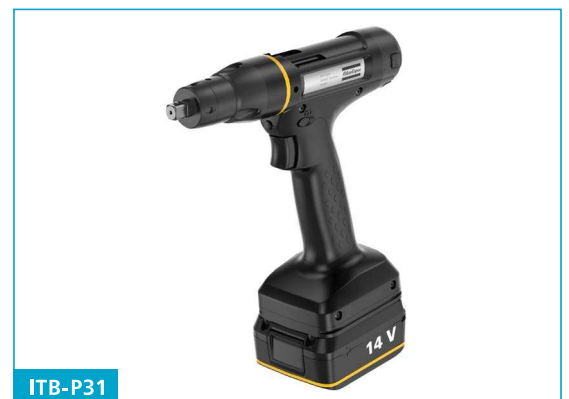
HMI = Tool display

ITB - A / ITB - S / ITB - P

Model	Battery V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Locking ring	Ordering No.
ITB-A61-40-FS-HMI	18 V & 36 V	8 - 40	977		2.6	491.5	74.5	90°	-	8436 0061 41
ITB-A61-50-FS-HMI	18 V & 36 V	10 - 55	587		2.6	491.5	74.5	90°	-	8436 0061 51
ITB-A61-70-FS-HMI	36 V	15 - 80	424		3.1	503.3	74.5	90°	-	8436 0061 71
ITB-A61-100-FS-HMI	36 V	20 - 100	279		3.6	540.3	74.5	90°	-	8436 0067 10
ITB-A61-150-FS-HMI	36 V	30 - 160	195		4.3	576.5	74.5	90°	-	8436 0067 15
ITB-A61-180-FS-HMI	36 V	35 - 180	165		4.3	576	74.5	90°	-	8436 0067 18
ITB-A61-200-FS-HMI	36 V	40 - 200	165		4.4	578	74.5	90°	-	8436 0067 20
FS = flush socket angle head										

Model	Battery V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Ordering No.
ITB-S31-05-10	14 V & 18 V	1 - 5	3529	sq. 3/8 in	2.1 kg	427	74.5	straight	8436 0130 05
ITB-S31-10-10	14 V & 18 V	3 - 10	1508	sq. 3/8 in	2.1 kg	427	74.5	straight	8436 0130 10
ITB-S61-20-10	18 V	5 - 22	1511	sq. 3/8 in	2.3 kg	477	74.5	straight	8436 0161 20
ITB-S61-30-10	18 V	7 - 35	907	sq. 3/8 in	2.4 kg	468	74.5	straight	8436 0161 30
ITB-S61-50-13	18 V & 36 V	10 - 55	656	sq. 1/2 in	2.8 kg	512	74.5	straight	8436 0161 50
ITB-S61-70-13	36 V	15 - 80	448	sq. 1/2 in	3.2 kg	529	74.5	straight	8436 0161 70
ITB-S61-90-13	36 V	18 - 95	352	sq. 1/2 in	3.2 kg	529	74.5	straight	8436 0161 90
ITB-S61-120-13	36 V	36 - 120	307	sq. 1/2 in	3.2 kg	529	74.5	straight	8436 0160 12
ITB-S61-120-13-HMI	36 V	36 - 120	307	sq. 1/2 in	3.3 kg	529	74.5	straight	8436 0161 12

Model	Battery V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Ordering No.
ITB-P31-06-I06	14 V & 18 V	1.2 - 6	1990	1/4 in	1.5 kg	209.4	74.5	Pistol	8436 0130 08
ITB-P31-06-10	14 V & 18 V	1.2 - 6	1990	sq. 3/8 in	1.5 kg	209.4	74.5	Pistol	8436 0130 07
ITB-P31-12-I06	14 V & 18 V	2.4 - 12	1480	1/4 in	1.5 kg	209.4	74.5	Pistol	8436 0130 14
ITB-P31-12-10	14 V & 18 V	2.4 - 12	1480	sq. 3/8 in	1.5 kg	209.4	74.5	Pistol	8436 0130 13



TENSOR ITB ACCESSORIES

EHMI for Tensor ITB	Ordering No.
Fits all ITB-A and ITB-S	8436 6199 73

Small (S) ITB-A <50 Nm, ITB-S <30 Nm.

Large (L) ITB-A >70 Nm, ITB-S >50 Nm.

EHMI for Tensor ITB	Position/Size	Ordering No.
Dual trigger for open end	Top	
	S	8436 6199 10
	L	8436 6199 12
Dual trigger for open end 135°	Lower	
	S	8436 6199 20
	L	8436 6199 22
Front button	Top	
	S	8436 6199 30
	L	8436 6199 32
Adjustable headlights	Lower	
	S	8436 6199 40
	L	8436 6199 42
Barcode scanner	Top	
	S	8436 6199 00
	L	8436 6199 02
Scanner 2D and tag U D4, 2-in-1	Top	
	S	8433 5050 10
	L	8433 5050 11
Mounting rings	Top	
	S	8436 6199 50
	L	8436 6199 52
Mounting rings	Lower	
	S	8436 6199 60
	L	8436 6199 62



IxB ACCESSORIES

BATTERIES AND COVERS

Type	Material name	Weight Kg	Ordering No.
Tool protective covers			
ICB angle head and foot protective covers	Prot Kit ICB-7		
ICB angle head and foot protective covers	Prot Kit ICB-7-HMI		4220 2744 13
ICB angle head and foot protective covers	Prot Kit ICB-15		4220 2744 22
ICB angle head and foot protective covers	Prot Kit ICB-15-HMI		4220 2744 23
ITB angle head rubber covers	*same as for STR tools		
ITB foot cover	Protective cover		4211 6203 00
Isolated Tool covers			
Insulated cover for ICB-A21-15	Ins cover ICB-A21-15		4220 2744 62
Insulated cover for ITB-A61-70	Ins cover ITB-A61-70		4220 2744 59
Insulated cover for ITB-A61-50	Ins cover ITB-A61-50		4220 2744 57
Insulated cover for ITB-A61-30	Ins cover ITB-A61-30		4220 2744 51
Insulated cover for ITB-A31-15	Ins cover ITB-A31-15		4220 2744 53
Insulated foot cover for ICB-A21-15 (for 14V battery)	Ins foot cover ICB-A21-15		4220 2744 80
Insulated foot cover for ICB-A21-15 (for 18V battery)	Ins foot cover ICB-A21-15		4220 2744 81
Insulated foot cover for ITB-A61-50	Ins foot cover ITB-A61-50		4220 3888 82
Insulated foot cover for ITB-A61-30	Ins foot cover ITB-A61-30		4220 3888 82
Insulated foot cover for ITB-A31-15	Ins foot cover ITB-A31-15		4220 3888 82
Battery and charger			
Flex Charger	Flex charger		4211 6083 84
Battery	14V Battery	0,365	4211 6130 02
Battery	18V Battery	0,5	4211 6030 85
Battery	36V Battery	0,8	4211 6130 14
Battery protective covers			
14V battery cover			4211 5730 25

SUMMARY OF IxB AND BATTERY RECOMMENDATION

Battery	Recommendation
OK	Recommended
NR (1)	Not recommended. Might not reach max torque.
NR (2)	Not recommended. Might affect ergonomics.
NOK	Not technically possible.

ITB-A Models														
Battery	ITB-A31-05	ITB-A31-10	ITB-A31-15	ITB-A31-20	ITB-A61-25	ITB-A61-30	ITB-A61-40	ITB-A61-50	ITB-A61-70	ITB-A61-90	ITB-A61-100	ITB-A61-150	ITB-A61-180	ITB-A61-200
14 V	OK	OK	OK	NR (1)	NOK	NOK	NOK	NOK	NOK	NOK	NOK	NOK	NOK	NOK
18 V	OK	OK	OK	OK	OK	OK	OK	OK	NR (1)	NR (1)	NR (1)	NOK	NOK	NOK
36 V	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

ICB-A Models			
Battery	ICB-21-07	ICB-A21-15	ICB-A21-20
14 V	OK	OK	OK
18 V	OK	OK	OK
36 V	NR (2)	NR (2)	NR (2)