

IREGA

THE ADJUSTABLE IS OUR WORLD





TABLE OF CONTENTS

WHO WE ARE 3

INTEGRAL MANUFACTURE 4

Incoming Steel 4

Forging..... 5

Machining..... 5

Heat Treatments..... 6

Polishing 6

Surface Coatings 7

Assembly and Verification 7

RESEARCH AND DEVELOPMENT 8


Product Innovation 9

QUALITY AND THE ENVIRONMENT 10

LOGISTICS..... 12

GLOBALISATION 13

THE PRODUCT 14





THE ADJUSTABLE IS OUR WORLD

Who we are



IREGA was founded in 1945, and is the world's only company exclusively dedicated to the integral manufacture of Adjustable Wrenches. With over 95% of its total production exported to over 80 countries around the world, IREGA is clearly positioned as the European leader at the forefront of the global market for Adjustable Wrenches.

INTEGRAL MANUFACTURE

INCOMING STEEL

Our Technical Specifications and highly selective international supplier policies ensure that the highest quality raw materials are used in the manufacturing of our products.



FORGING



Hot forging gives the shape to our adjustable wrenches. Our high tonnage forging hammers provide us total independence and control of the process.

MACHINING

Our modern CNC machining centers guarantee minimum tolerances, so our wrenches exceed the international ISO and ASME standards.



INTEGRAL MANUFACTURE



H HEAT TREATMENTS

Our high value added processes incorporate the most advanced technologies in Controlled Atmosphere Heat Treatments and Surface Grinding.



P POLISHING



We have robotized facilities to complete the whole grinding processes of our wrenches.

SURFACE COATINGS

Our automatic facilities for chrome and phosphate plating give our wrenches the maximum protection against rust and other external agents.



ASSEMBLY AND VERIFICATION



We assemble all our adjustable wrenches and we verify their proper working with our specialized staff.

RESEARCH AND DEVELOPMENT



By constantly assimilating new technologies and concentrating our resources on a single product we can focus on custom engineering and intensify the Continual Improvement of Products and Processes.



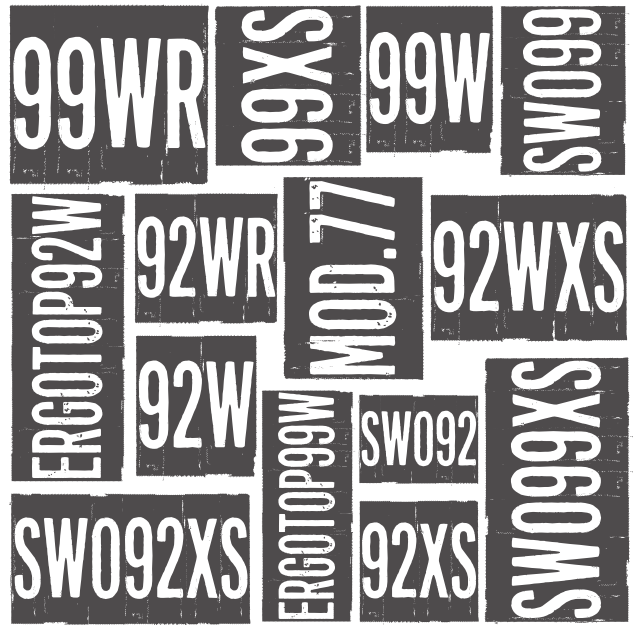
R&D



P RODUCT INNOVATION

At **IREGA** we devote 100% of our time and resources to the manufacturing and development of our adjustable wrenches. This dedication allows us to constantly search for new solutions and technologies that will improve our end users experience.

During the last years we have brought new models which provide innovative solutions for the professionals into the market.



QUALITY AND THE ENVIRONMENT

IREGA's longstanding commitment to achieving Product Excellence in an environmentally friendly way has led to our status as a pioneer in the implementation and international homologation of management systems. Our manufacturing unit is ISO 9001 certified by AENOR / IQNet since 1993, being the first Spanish hand tool manufacturer to obtain it.

Besides, we are also ISO 14001 certified, which is a standard related to the Environment protection, since the year 2000. Once again we were the first Spanish hand tool manufacturer (and one of the first in Europe) to obtain this certificate. This certificate proves our unbending commitment to continual Quality improvement in harmony with the most rigorous respect for the Environment.

ISO 9001



ISO 14001



GLOBALISATION



Integral and computerised management, effective organisation and years of experience guarantee maximum reliability and capacity of response in delivering orders anywhere around the globe. Our logistic system makes it possible for our customers to be able to offer the best service, while optimising their stock levels.

Our specialisation in adjustable wrenches is recognised in over 80 countries on all five continents. 95% of our production is exported, showing our substantial presence in the global marketplace.

Leading companies from a wide variety of fields have placed their full trust in IREGA. They know they can rely on the excellent quality of our adjustable wrenches. And they value our constant endeavours to offer the best in terms of Product Range and Quality.

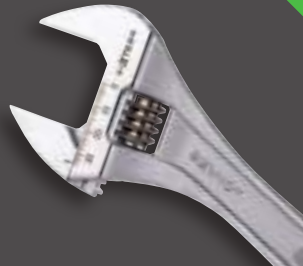


THE PRODUCT



Mod. 92W

page
14



Mod. 99

page
15



92WR

page
16



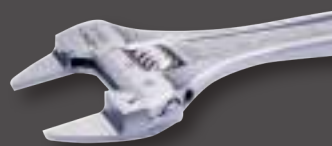
99WR

page
17



92XS

page
18



99XS

page
19



ErgoTop 92W

page
20



ErgoTop 99W

page
21



SWO 92

page
22



SWO 99

page
23



SWO 92XS

page
24



SWO 99XS

page
25



Mod. 77

page
26



Mod.
77-LT-F

page
27



Heavy Duty
77-24"

page
28



Heavy Duty
771-30"

page
29



Insulated Handle 1.000V

page
30

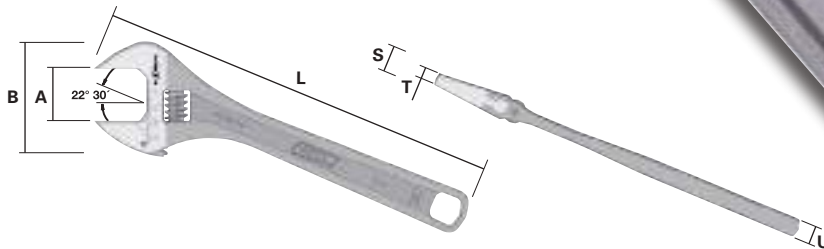




Mod. 92W



XTRA
Capacity

MADE IN SPAIN



Mod. 92/92W	L	A (min.)		B	S	T	U	 gr.	 CE
		mm.	in.						
92-4"	115	13	1/2"	35	9,5	4,5	6,3	52	5
92W-6"	161	24	15/16"	50	10,8	5,3	8	130	5
92W-8"	207	30	1 3/16"	62	14	7,3	10	265	5
92W-10"	259	34	1 3/8"	74	15,8	7,8	11,5	430	5
92W-12"	311	39	1 1/2"	84	19	9,8	13,5	710	5
92-15"	386	43,12	1 11/16"	106	25	14,2	15,3	1.290	1
92-18"	462	53	2 1/8"	124	30	16	16,3	2.040	1
77-24"	612	62	2 7/16"	152	34	20	16,5	3.560	1

Dimensions are shown in mm unless otherwise indicated.

SIZE	CAPACITY COMPARISON & MAXIMUM SIZE OF NUT											
	6"			8"			10"			12"		
	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF
Standard adjustable wrench	19 mm	M12	1/2	24 mm	M16	5/8	28 mm	M18	3/4	34 mm	M22	7/8
IREGA 92W	24 mm	M16	5/8	30 mm	M20	3/4	34 mm	M22	7/8	39 mm	M24	1

Mod. 99

Black phosphate adjustable wrench (Scandinavian pattern)



MADE IN SPAIN

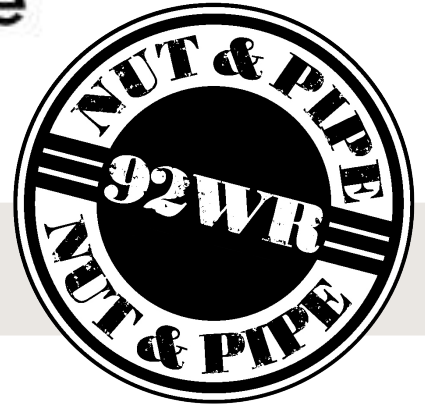
Mod. 99	L (max.)	A (min.)		B	S	T	U		⚖ gr.	CE
		mm.	in.				min.	max.		
99 - 4"	114	13	1/2"	35	9.5	4.5	5.70	6.80	52	10
99 - 6"	160	19.2	3/4"	49	10.8	5.8	7.70	8.90	130	10
99 - 8"	206	24.05	15/16"	62	13.5	7	9.70	10.90	250	10
99 - 10"	257	29	1 1/8"	73	16	8	11.20	12.40	410	10
99 - 12"	310	34	1 3/8"	85	19	10	13.20	14.40	690	5
99 - 15"	386	43.12	1 11/16"	106	25	14.2	14.50	16.20	1,240	1
99 - 18"	462	53	2 1/8"	124	30	16	15.50	17.20	2,040	1
77 LT-F - 24"	612	62	2 7/16"	152	34	20	15.50	17.50	3,560	1

Dimensions are shown in mm unless otherwise indicated.

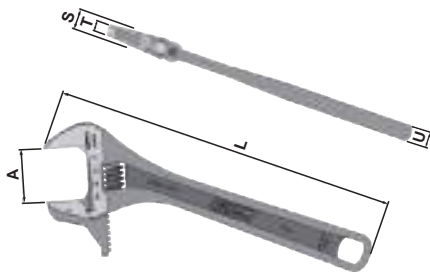
Mod. 92WR



Reversible Jaw



XTRA Capacity



Mod. 92WR	L (máx.)	A (min.)		S	T	U	gr.	CE	CBE	SBM
		mm.	in.							
92WR - 6"	161	27	1 1/16"	10,8	5,3	8	140	5	6	2
92WR - 8"	207	34	1 5/16"	14	7,3	10	280	5	6	4
92WR - 10"	259	40	1 9/16"	15,8	7,8	11,5	450	5	6	4
92WR - 12"	311	45	1 3/4"	19	9,8	13,5	730	5	6	2

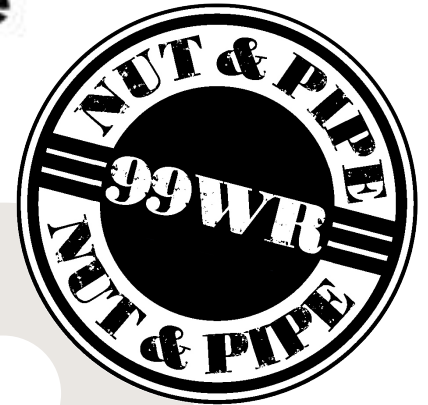
Dimensions are shown in mm unless otherwise indicated.

CAPACITY COMPARISON	6"		8"		10"		12"	
	mm.	in.	mm.	in.	mm.	in.	mm.	in.
IREGA 92WR	27	1 1/16"	34	1 5/16"	40	1 9/16"	45	1 3/4"
STANDARD ADJUSTABLE WRENCH	19	3/4"	24	15/16"	29	1 1/8"	34	1 5/16"

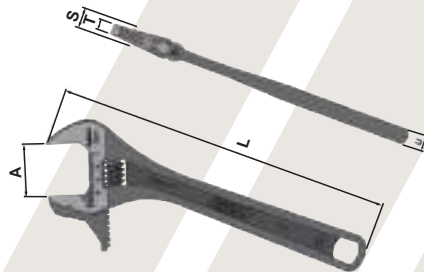
Mod. 99WR



R Reversible
Jaw



XTRA
Capacity



Mod. 99WR	L (máx.)	A (min.)		S	T	U	gr.	CE	CBE	SBM
		mm.	in.							
99WR - 6"	161	27	1 1/16"	10,8	5,3	8	140	5	6	2
99WR - 8"	207	34	1 5/16"	14	7,3	10	280	5	6	4
99WR - 10"	259	40	1 9/16"	15,8	7,8	11,5	450	5	6	4
99WR - 12"	311	45	1 3/4"	19	9,8	13,5	730	5	6	2

Dimensions are shown in mm unless otherwise indicated.

CAPACITY COMPARISON	6"		8"		10"		12"	
	mm.	in.	mm.	in.	mm.	in.	mm.	in.
IREGA 99WR	27	1 1/16"	34	1 5/16"	40	1 9/16"	45	1 3/4"
STANDARD ADJUSTABLE WRENCH	19	3/4"	24	15/16"	29	1 1/8"	34	1 5/16"

Mod. 92XS

XTRA SLIM



MADE IN SPAIN

XTRA
Capacity



Mod. 92XS	L (máx.)	A (min.)		B (máx.)	S (máx.)	T	U	△△ gr.
		mm.	in.					
92XS - 4"	114	13	1/2"	35	9,5	2,5	6,3	50
92WXS - 6"	161	24	15/16"	50	10,8	2,5	8	125

Dimensions are shown in mm unless otherwise indicated.

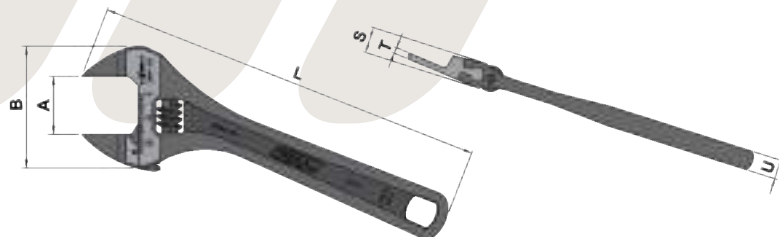
Mod. 99XS


XTRASLIM



MADE IN SPAIN

XTRA
Capacity



Mod. 92XS	L (máx.)	A (min.)		B (máx.)	S (máx.)	T	U	 gr.
		mm.	in.					
99XS - 4"	114	13	1/2"	35	9,5	2,5	6,3	50
99WXS - 6"	161	24	15/16"	50	10,8	2,5	8	125

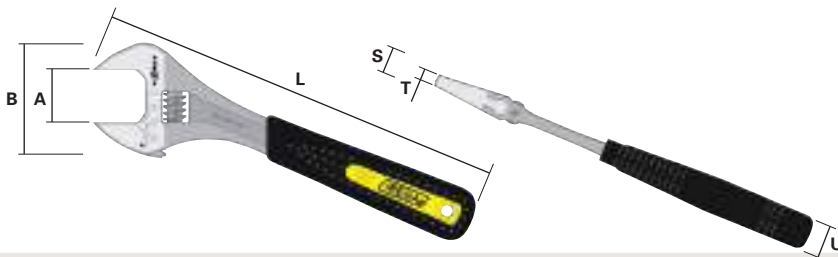
Dimensions are shown in mm unless otherwise indicated.

ErgoTop 92W

ErgoTop[®]
ULTIMATE GRIP

← **XTRA** →
Capacity

MADE IN SPAIN



Mod. ErgoTop 92W	L	A (min.)		B	S	T	U	gr.	CBE
		mm.	in.						
ErgoTop 92W -6"	162	24	15/16"	50	10,8	5,3	18,7	160	6
ErgoTop 92W -8"	209	30	1 3/16"	62	14	7,3	19,9	310	6
ErgoTop 92W -10"	260	34	1 3/8"	74	15,8	7,8	22,3	500	6
ErgoTop 92W -12"	312	39	1 1/2"	84	19	9,8	24,3	810	6

Dimensions are shown in mm unless otherwise indicated.

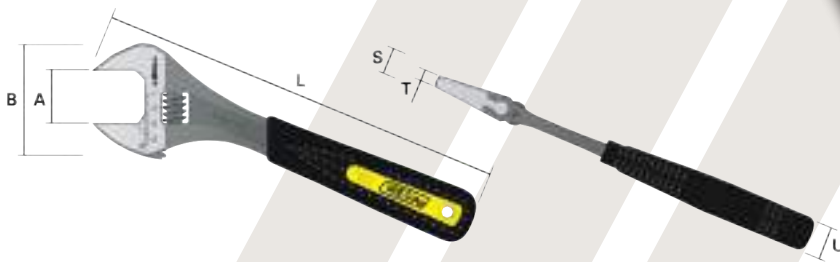
SIZE	CAPACITY COMPARISON & MAXIMUM SIZE OF NUT											
	6"			8"			10"			12"		
	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF
Standard adjustable wrench	19 mm	M12	1/2	24 mm	M16	5/8	28 mm	M18	3/4	34 mm	M22	7/8
IREGA E92W	24 mm	M16	5/8	30 mm	M20	3/4	34 mm	M22	7/8	39 mm	M24	1



ErgoTop 99W

ErgoTop[®]
ULTIMATE GRIP

← **XTRA** →
Capacity

MADE IN SPAIN



Mod. ErgoTop 92W	L	A (min.)		B	S	T	U	 gr.	 CBE
		mm.	in.						
ErgoTop 99W -6"	162	24	15/16"	50	10,8	5,3	18,7	160	6
ErgoTop 99W -8"	209	30	1 3/16"	62	14	7,3	19,9	310	6
ErgoTop 99W -10"	260	34	1 3/8"	74	15,8	7,8	22,3	500	6
ErgoTop 99W -12"	312	39	1 1/2"	84	19	9,8	24,3	810	6

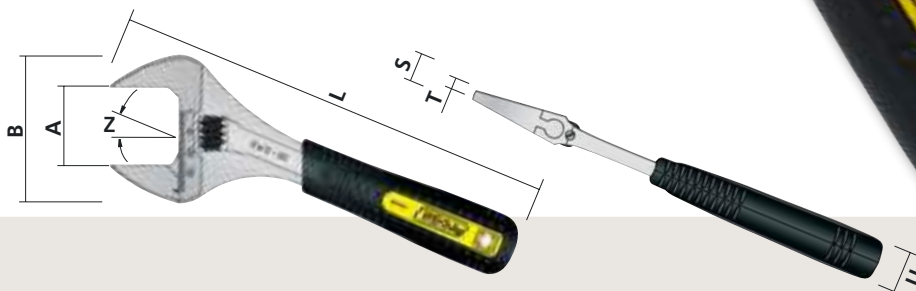
Dimensions are shown in mm unless otherwise indicated.

SIZE	CAPACITY COMPARISON & MAXIMUM SIZE OF NUT											
	6"			8"			10"			12"		
	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF	CAPACITY	METRIC	UNC/UNF
Standard adjustable wrench	19 mm	M12	1/2	24 mm	M16	5/8	28 mm	M18	3/4	34 mm	M22	7/8
IREGA E99W	24 mm	M16	5/8	30 mm	M20	3/4	34 mm	M22	7/8	39 mm	M24	1

SWO 92



ErgoTop[®]
ULTIMATE GRIP



SWO 92	Z	L (MAX.)	A (MIN.) MM. IN.	B (MAX.)	S (MAX.)	T (MAX.)	U (MM.)	△△ (GRS.)	CBE	SB	SBB
SWO 92 - 6"	22°30'	176	34 1 3/8"	65	14	6,69	18	220	6	12	24
SWO 92 - 8"	22°30'	216	39 1 1/2"	73	14	6,23	21	345	6	12	24

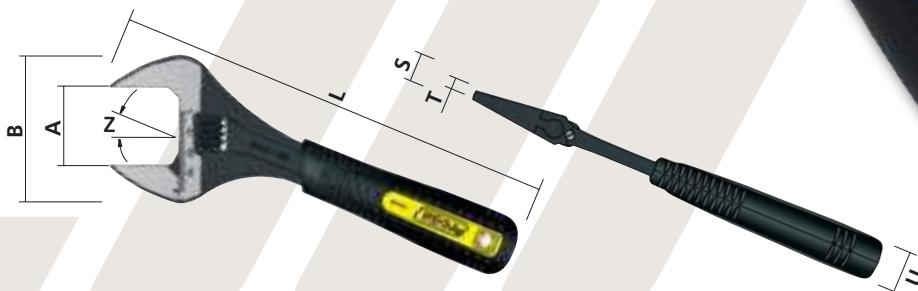
Dimensions are shown in mm unless otherwise indicated.

SIZE	CAPACITY COMPARISON (MAXIMUM SIZE OF NUT)			
	METRIC	UNC/UNFW	HITWORTH	BSF
Standard adjustable wrench 6"	M12	1/2	7/16	7/16
IREGA SWO 6"	M20	7/8	3/4	7/8
Standard adjustable wrench 8"	M16	5/8	9/16	9/16
IREGA SWO 8"	M24	1	7/8	1

SWO 99



ErgoTop[®]
ULTIMATE GRIP



SWO 99	Z	L (MAX)	A (MIN.)		B (MAX)	S (MAX)	T (MAX)	U (MM.)	(GRS)	CBE 	SB 	SBB
			MM.	IN.								
SWO 99 - 6"	15°	176	34	1 3/8"	65	14	6,69	18	220	6	12	24
SWO 99 - 8"	22°30'	216	39	1 1/2"	73	14	6,23	21	345	6	12	24

Dimensions are shown in mm unless otherwise indicated.

SIZE	CAPACITY COMPARISON (MAXIMUM SIZE OF NUT)			
	METRIC	UNC/UNFW	HITWORTH	BSF
Standard adjustable wrench 6"	M12	1/2	7/16	7/16
IREGA SWO 6"	M20	7/8	3/4	7/8
Standard adjustable wrench 8"	M16	5/8	9/16	9/16
IREGA SWO 8"	M24	1	7/8	1

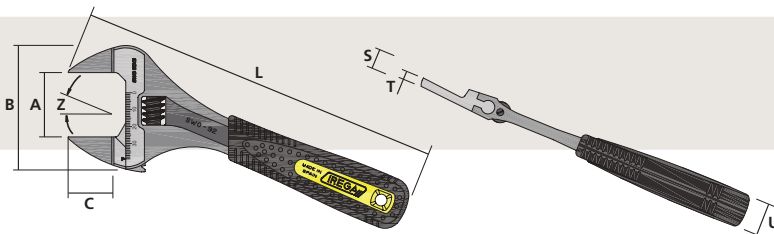
SWO 92XS

Greater Accessibility

XTRA SLIM



ErgoTop
ULTIMATE GRIP



SWO 92XS	Z	L (max.)	A (min.)	B (max.)	C	S (max.)	T	U	gr.	CBE	SB
SWO 92XS - 6"	22°30'	176	34	65	23	14	4,5	18	205	6	12
SWO 92XS - 8"	22°30'	216	39	73	26	14	4,5	21	330	6	12

Dimensions are shown in millimetres unless otherwise specified.

Exceed International Standards ISO 6787 and ASME B107.8.

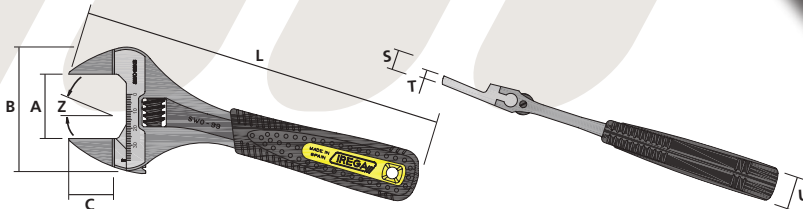
SWO 99XS

Greater Accessibility

XTRA SLIM



ErgoTop[®]
ULTIMATE GRIP



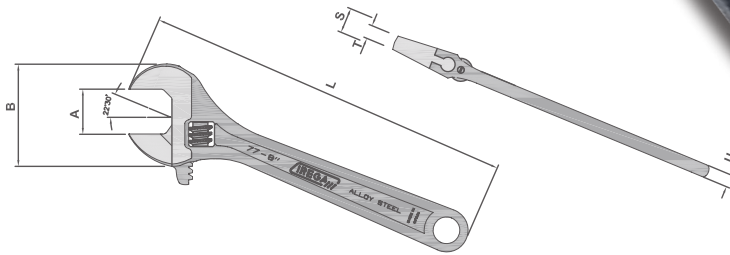
SWO 99XS	Z	L (max.)	A (min.)	B (max.)	C	S (max.)	T	U	gr.	CBE 	SB
SWO 99XS - 6"	15°	176	34	65	23	14	4,5	18	205	6	12
SWO 99XS - 8"	15°	216	39	73	26	14	4,5	21	330	6	12

Dimensions are shown in millimetres unless otherwise specified.

Exceed International Standards ISO 6787 and ASME B107.8.

Mod. 77

Best value for money



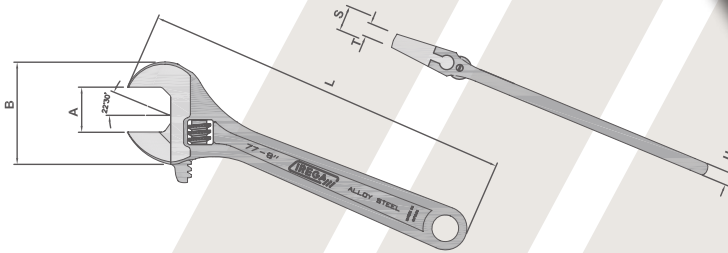
Mod. 77	L (máx.)	A (min.)		B	S	T	U		△ gr.	CE
		mm.	in.				min.	máx.		
77 - 4"	114	13	1/2"	40	9,5	4,5	3,95	5,00	50	12
77 - 6"	160	19,2	3/4"	55,5	10,8	6,1	4,70	5,90	110	12
77 - 8"	206	24,05	15/16"	70	14	8	6,20	7,40	220	12
77 - 10"	257	29	1 1/8"	79	15,5	9	7,70	8,90	370	12
77 - 12"	308	34	1 3/8"	96	18,5	11	9,20	10,5	650	6
77 - 15"	385	43,12	1 11/16"	119	25	15	11,5	12,9	1.230	1
77 - 18"	461	53	2 1/8"	148,5	30	17,5	13,5	15,2	2.010	1
77 - 24"	612	62	2 7/16"	152	34	20	15,5	17,5	3.560	1

Dimensions are shown in millimetres unless otherwise indicated.

• 77 CHROME Finish, RIGHT TURNING.

Mod. 77-LT-F

Black phosphate version



Mod. 77 - F	L (máx.)	A (min.)		B	S	T	U		△△△ gr.	CE
		mm.	in.				min.	máx.		
77LTF - 4"	114	13	1/2"	40	9,5	4,5	3,95	5,00	50	12
77LTF - 6"	160	19,2	3/4"	55,5	10,8	6,1	4,70	5,90	110	12
77LTF - 8"	206	24,05	15/16"	70	14	8	6,20	7,40	220	12
77LTF - 10"	257	29	1 1/8"	79	15,5	9	7,70	8,90	370	12
77LTF - 12"	308	34	1 3/8"	96	18,5	11	9,20	10,5	650	6
77LTF - 15"	385	43,12	1 11/16"	119	25	15	11,5	12,9	1.230	1
77LTF - 18"	461	53	2 1/8"	148,5	30	17,5	13,5	15,2	2.010	1
77LTF - 24"	612	62	2 7/16"	152	34	20	15,5	17,5	3.560	1

Dimensions are shown in millimetres unless otherwise indicated.

• **77-LT-F** PHOSPHATE Finish, LEFT TURNING.

Also available in RIGHT TURNING.

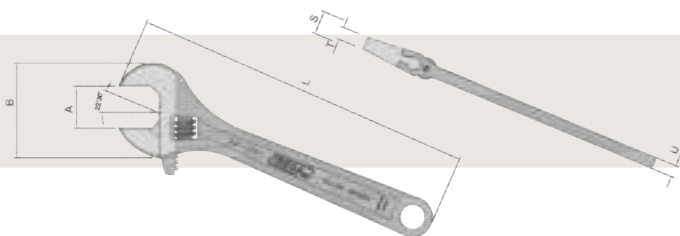
• **77-F** PHOSPHATE Finish, RIGHT TURNING.

Mod. 77 - 24"

HEAVY DUTY

Adjustable Wrench 24" (600mm)
Capacity: 62mm (2 7/16")

MADE IN SPAIN



Mod. 77	L (máx.)	A (min.)		B	S	T	U		△△ gr.	CE
		mm.	in.				mín.	máx.		
77 - 24"	612	62	2 7/16"	152	34	20	15,5	17,5	3.560	1

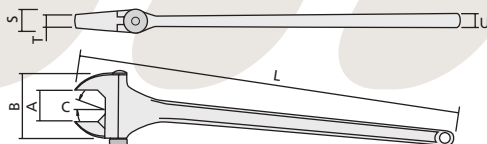
Dimensions are shown in millimetres unless otherwise indicated.

- 77 CHROME Finish, RIGHT TURNING.
- 77-LFF PHOSPHATE Finish, LEFT TURNING.

Mod. 771 - 30"

HEAVY DUTY

Adjustable Wrench 30" (750mm)
Capacity: 77mm (3")

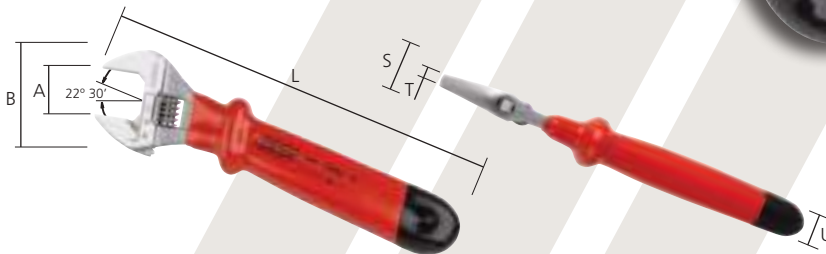


Mod. 771	L	A (min.)		B	S	T	U		△△ gr.	CE
	(máx.)	mm.	in.				min.	máx.		
771 - 30"	750	77	3"	160	37	23	16,5	18,5	5.520	1



Dimensions are shown in millimetres unless otherwise indicated.

1.000V

Adjustable Wrench with Insulated handle 1.000V

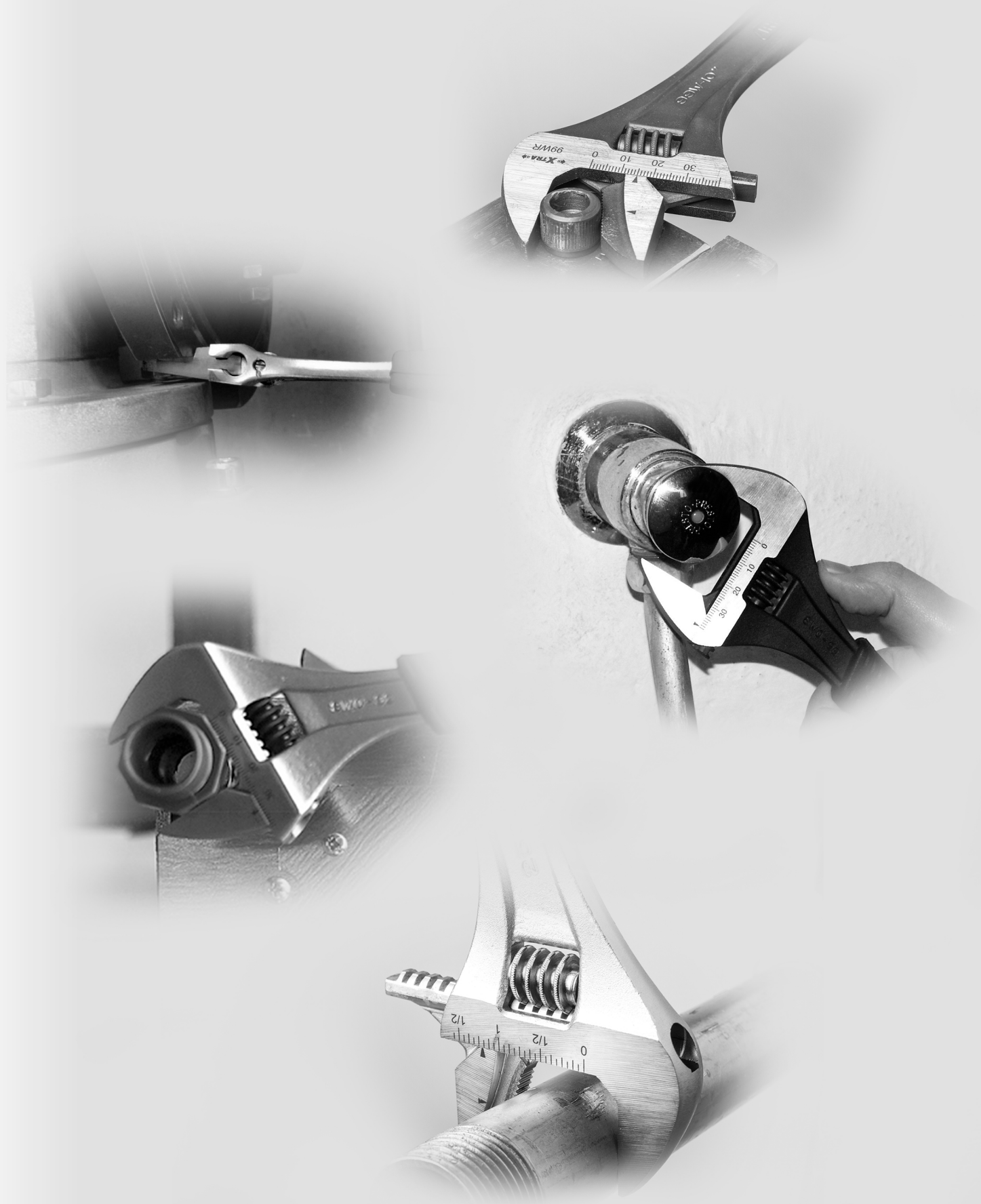


Mod. 92/92W-1000V	L (max.)	A (min.)		B	S	T	U	 gr.	CE 
		mm.	in.						
92W-1000V - 6"	161	24	15/16"	50	10,8	5,3	17,5	185	4
92W-1000V - 8"	207	30	1 3/16"	62	14	7,3	21,0	360	4
92W-1000V - 10"	259	34	1 3/8"	74	15,8	7,8	22,8	570	4
92W-1000V - 12"	311	39	1 1/2"	84	19	9,8	24,0	905	4
92-1000V - 15"	386	43,12	1 11/16"	106	25	14,2	29,1	1.580	1

Mod. SWO 92-1000V	L (max.)	A (min.)		B	S	T	U	 gr.	CE 
		mm.	in.						
SWO 92-1000V - 6"	176	34	1 3/8"	65	14	6,69	18,8	250	6
SWO 92-1000V - 8"	216	39	1 1/2"	73	14	6,23	21,0	370	6

Dimensions are shown in millimetres unless otherwise indicated.







IREGA, S.A.

Fueros, 1 48250 Zaldibar (Vizcaya) SPAIN

Tel.: (+34) 946 827 200 - Fax: (+34) 946 827 583

irega@irega.es

www.irega.es