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the global market for Adjustable Wrenches.



INTEGRAL MANUFACTURE



NCOMING 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.





ORGING





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

ACHINING

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





INTEGRAL MANUFACTURE



EAT TREATMENTS

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



OLISHING



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.



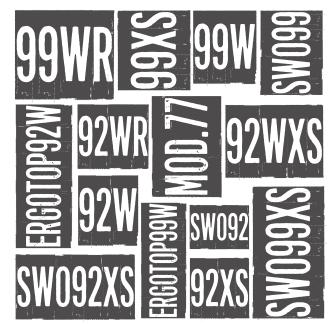
R&D



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 homo logation 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 14001

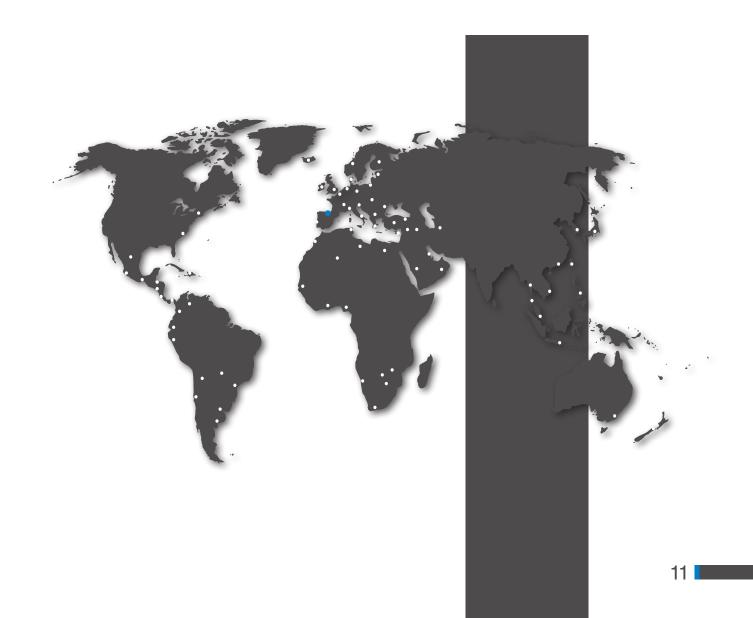


GLOBALISATION

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.

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.



THE PRODUCT



































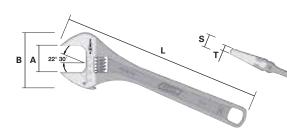


Mod. 92W









Mod. 92/92W	L	A (n	nin.) in.	В	S	Т	U	$\Delta \underline{\wedge} \Delta$	CE
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/ "	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/ "	152	34	20	16,5	3.560	1

SIZE	CAPACITY COMPARISON & MAXIMUM SIZE OF NUT											
JIZL		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



Mod. 92WR



CAPACITY	6"		8″		10	0"	12"		
COMPARISON	mm.	in.	mm.	in.	mm.	in.	mm.	in.	
IREGA 92WR	27	1 1/″	34	1 5/″	40	1 9/″	45	1 3/4"	
STANDARD ADJUSTABLE WRENCH	19	3/ ₄ "	24	¹⁵ / ″ ₁₆	29	1 1/8"	34	1 5/ "	

Mod. 99WR



CAPACITY	6"		8″		10	0"	12"		
COMPARISON	mm.	in.	mm.	in.	mm.	in.	mm.	in.	
IREGA 99WR	27	1 1/″	34	1 5/″	40	1 9/″	45	1 3/4"	
STANDARD ADJUSTABLE WRENCH	19	3/ ₄ "	24	15/ " 16	29	1 1/8"	34	1 5/ "	

Mod. 92XS

XTRA SLIM





Mod. 92XS	L (máx.	A (n	nin.) in.	B (máx.)	S máx.)	Т	U	$\Delta \Delta \Delta$
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

Mod. 99XS

XTRA SLIM



Mod. 92XS	L (máx.)(A (n	nin.) in.	B (máx.)	S máx.)	T	U	∆ <u></u> A∆ gr.
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

ErgoTop 92W









Mod. ErgoTop 92W	L	A (n	nin.) in.	В	S	T	U	∆ <u>∧</u> ∆ gr.	CBE
ErgoTop 92W -6"	162	24	¹⁵ / ″	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

SIZE	CAPACITY COMPARISON & MAXIMUM SIZE OF NUT											
JILL	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



SW0 92



SWO 92	Z	L (MAX.)	А (мм.	MIN.) IN.	B (MAX.)	S (MAX.)	T (MAX.)	U (MM.)	$\Delta \Delta \Delta$ (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

SI7F	CAPACITY COMPARISON (MAXIMUM SIZE OF NUT)									
JIZL	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						

SW0 99



Dimensions are shown in mm unless otherwise indicated	Dimensions	ons are showr	n in mm	unless	otherwise	indicated
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CIZE	CAPACITY COMPARISON (MAXIMUM SIZE OF NUT)								
SIZE	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					

SMO 92X5 Greater Accessibility

XTRA SLIM



SWO 92XS	z	L (max.)	A (min.)	B (max.)	С	S (max.)	Т	U	Δ <u>Λ</u> Δ 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.

SMO 99X5 Greater Accessibility

XTRA SLIM



SWO 99XS	z	L (max.)	A (min.)	B (max.)	С	S (max.)	Т	U	Δ <u>Λ</u> Λ 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



Dimensions are shown in millimetres unless otherwise indicated.

 $1^{-3}/_{8}"$

1 11/16"

2 1/8"

2 7/16"

96

119

148,5

152

18,5

25

30

34

11

15

17,5

20

9,20

11,5

13.5

15,5

10,5

12,9

15,2

17,5

650

1.230

2.010

3.560

6

34

43,12

53

62

308

385

461

612

77 - 12"

77 - 15"

77 - 18"

^{• 77} CHROME Finish, RIGHT TURNING.

Mod. 77-LT-F



 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")



Mod. 77	(máx.)	mm.	in.				mín.	máx.	gr.	٠
77 - 24"	612	62	2 7/16"	152	34	20	15,5	17,5	3.560	

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

Mod. 771 - 30"

HEAVY DUTY

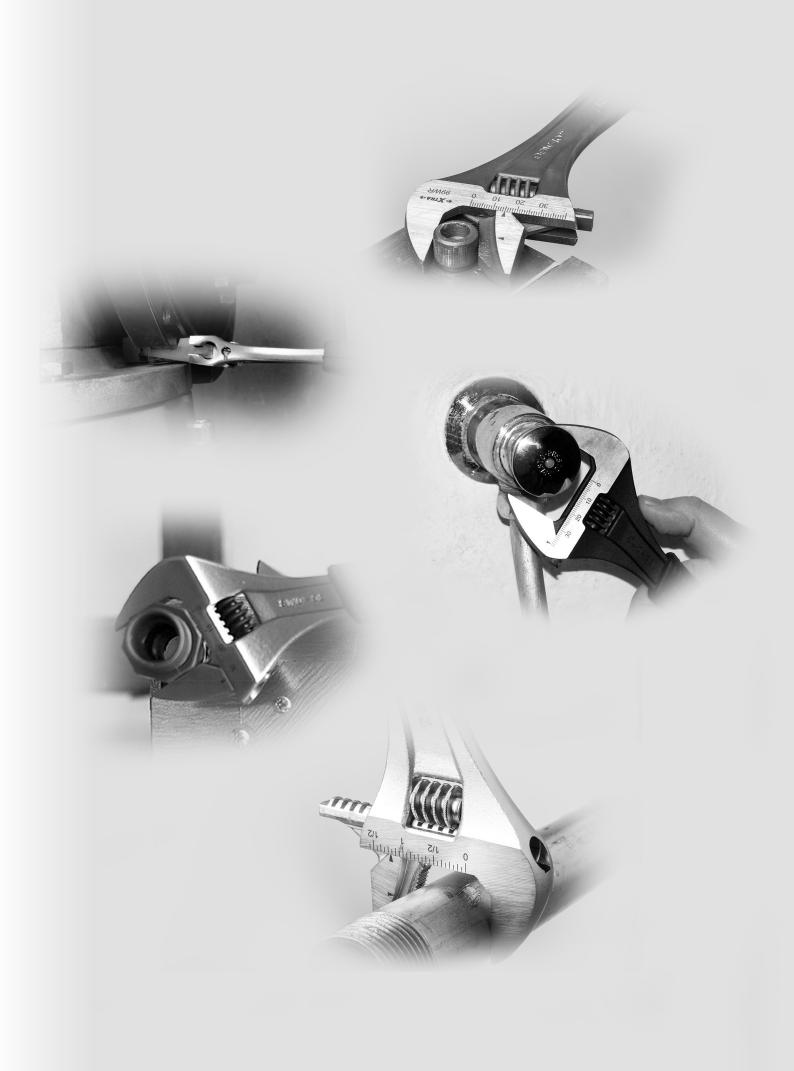




Mod. 92/92W-1000V	L (max.)	A (n	nin.) in.	В	S	T	U	∆ <u>∧</u> ∆ gr.	CE
92W-1000V - 6"	161	24	15/ "	50	10,8	5,3	17,5	185	4
92W-1000V - 8"	207	30	1 ³ / ₁₆ "	62	14	7,3	21,0	360	4
92W-1000V - 10"	259	34	1 ³ / ₈ "	74	15,8	7,8	22,8	570	4
92W-1000V - 12"	311	39	1 1/2"	84	19	9,8	24,0	905	4
92-1000V - 15"	386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



Mod. SWO 92-1000V	L (max.)	A (min.) mm. in.		В	S	T	U	∆ <u> </u>	CE
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





IREGA, S.A.