

**Socket, 6-point**  
**Douille, 6 Pans**  
**Cubo, 6-Puntos**

American Inch (")				
Number	a inch	s inch	l inch	ΔΔ lb
SS-1/4D3/16	1/4	3/16	9/16	0.02
SS-1/4D7/32		7/32	9/16	0.03
SS-1/4D1/4		1/4	5/8	0.03
SS-1/4D9/32		9/32	5/8	0.03
SS-1/4D5/16		5/16	5/8	0.03
SS-1/4D11/32		11/32	5/8	0.03
SS-1/4D3/8		3/8	11/16	0.04
SS-1/4D7/16		7/16	11/16	0.05
SS-1/4D1/2		1/2	13/16	0.07
SS-1/4D9/16		9/16	7/8	0.09
SS-1/2D1/4	1/2	1/4	1-3/16	0.14
SS-1/2D5/16		5/16	1-3/16	0.14
SS-1/2D3/8		3/8	1-3/16	0.14
SS-1/2D7/16		7/16	1-3/16	0.17
SS-1/2D1/2		1/2	1-3/16	0.17
SS-1/2D9/16		9/16	1-3/16	0.18
SS-1/2D19/32		19/32	1-3/16	0.19
SS-1/2D5/8		5/8	1-7/16	0.19
SS-1/2D11/16		11/16	1-7/16	0.22
SS-1/2D3/4		3/4	1-7/16	0.24
SS-1/2D25/32		25/32	1-7/16	0.24
SS-1/2D13/16		13/16	1-7/16	0.24
SS-1/2D7/8		7/8	1-1/2	0.31
SS-1/2D15/16		15/16	1-1/2	0.31
SS-1/2D1		1	1-1/2	0.40
SS-1/2D1-1/16		1-1/16	1-1/2	0.49
SS-1/2D1-1/8		1-1/8	1-5/8	0.51
SS-1/2D1-3/16		1-3/16	1-5/8	0.57
SS-1/2D1-1/4		1-1/4	1-5/8	0.57
SS-3/4D3/4	3/4	3/4	1-11/16	0.51
SS-3/4D13/16		13/16	1-11/16	0.51
SS-3/4D7/8		7/8	1-3/4	0.51
SS-3/4D15/16		15/16	1-13/16	0.51
SS-3/4D1		1	1-13/16	0.51
SS-3/4D1-1/16		1-1/16	1-15/16	0.51
SS-3/4D1-1/8		1-1/8	2	0.51
SS-3/4D1-3/16		1-3/16	2	0.66
SS-3/4D1-1/4		1-1/4	2	0.66
SS-3/4D1-5/16		1-5/16	2	0.77
SS-3/4D1-3/8		1-3/8	2	0.77
SS-3/4D1-7/16		1-7/16	2	0.88
SS-3/4D1-1/2		1-1/2	2-1/16	0.99
SS-3/4D1-9/16		1-9/16	2-1/4	0.99
SS-3/4D1-5/8		1-5/8	2-1/4	0.99

American Inch (")				
Number	a inch	s inch	l inch	ΔΔ lb
SS-3/4D1-11/16	3/4	1-11/16	2-1/4	1.21
SS-3/4D1-3/4		1-3/4	2-9/16	1.21
SS-3/4D1-13/16		1-13/16	2-9/16	1.32
SS-3/4D1-7/8		1-7/8	2-9/16	1.32
SS-3/4D2		2	2-9/16	1.54
SS-3/4D2-1/16		2-1/16	2-13/16	1.54
SS-3/4D2-1/8		2-1/8	2-13/16	1.54
SS-3/4D2-3/16		2-3/16	3-1/16	1.87
SS-3/4D2-1/4		2-1/4	3-1/16	1.87
SS-3/4D2-5/16		2-5/16	3-1/16	1.87
SS-3/4D2-3/8		2-3/8	3-1/16	1.87
SS-1D1-5/8	1	1-5/8	2-7/8	2.2
SS-1D1-11/16		1-11/16	2-7/8	2.2
SS-1D1-3/4		1-3/4	2-7/8	2.2
SS-1D1-13/16		1-13/16	2-7/8	2.42
SS-1D1-7/8		1-7/8	2-7/8	2.75
SS-1D1-15/16		1-15/16	2-7/8	2.75
SS-1D2		2	3-3/16	2.75
SS-1D2-1/16		2-1/16	3-3/16	2.95
SS-1D2-1/8		2-1/8	3-7/16	2.95
SS-1D2-3/16		2-3/16	3-7/16	2.95
SS-1D2-1/4		2-1/4	3-7/16	2.95
SS-1D2-5/16		2-5/16	3-7/16	3.25
SS-1D2-3/8		2-3/8	3-7/16	3.25
SS-1D2-7/16		2-7/16	3-7/16	3.25
SS-1D2-1/2		2-1/2	3-7/16	3.25
SS-1D2-9/16		2-9/16	3-7/16	4.5
SS-1D2-5/8		2-5/8	3-9/16	5.0
SS-1D2-3/4		2-3/4	3-15/16	5.5
SS-1D2-13/16		2-13/16	3-15/16	6.1
SS-1D2-15/16		2-15/16	3-15/16	6.8
SS-1D3		3	4-3/8	8.6
SS-1D3-1/8		3-1/8	4-3/8	8.6
SS-1D3-1/4		3-1/4	4-3/8	8.6
SS-1D3-3/8		3-3/8	4-11/16	9.5
SS-1D3-1/2		3-1/2	4-11/16	9.7
SS-1D3-3/4		3-3/4	4-11/16	9.9
SS-1D3-7/8		3-7/8	5-3/16	10.15
SS-1D4		4	5-3/16	10.15

• **12-Pt., Deep-well, Impact and Special Sizes** available upon request.

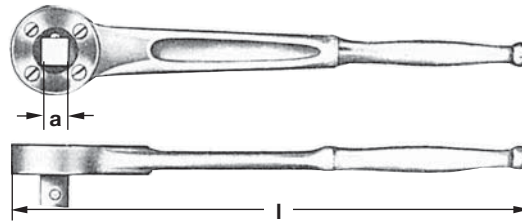
• **12-Pans, Les douilles Impact, les Douilles De Tailles Spéciales et les douilles Deep-well** sont également disponibles.

• **12-Puntos, Deep-well, Impact y Medidas Especiales** disponibles si se requieren.

## Socket Sets Jeu de douilles Juego de Cubos

Millimeter (mm)					
Number	Drive inch	Einsätze, Sockets mm	Accessories Zubehör	△	g
7000	1/4	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	6850 6860 6880		972
W-260m	1/2	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	W-141R W-281 W-280 W-283 W-285		7275
W-291m	3/4	36, 38, 41, 46, 50, 55, 60	W-140R W-256 W-255 W-257 W-285b		14660
American Inch (")					
Number	Drive inch	Einsätze, Sockets inch	Accessories Zubehör	Wt. lbs.	
7030	1/4	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	6850 6860 6880		2.02
W-260	1/2	5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4	W-141R W-281 W-280 W-283 W-285		11.02
American Inch (")					
Number	Drive inch	Einsätze, Sockets inch	Accessories Zubehör	Wt. lbs.	
W-290	1/2	1/2, 11/16, 7/8, 1 1/16, 1 1/4	W-141R W-281 W-280 W-283 W-285		7.90
W-291	3/4	1 5/16, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 2	W-140R W-256 W-255 W-257 W-285b		24.50

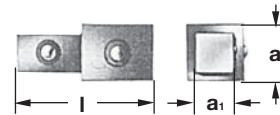
Bar, Extension: 6860, W-255, W-280  
 Bar, Sliding: W-256, W-281  
 Case: 6880, W-285, W-285b  
 Ratchet: 6850, W-140R, W141R  
 Wrench Handle, Hinged: W-257, W-283



## Wrench, Ratchet Clé à cliquet Llave Trinquete

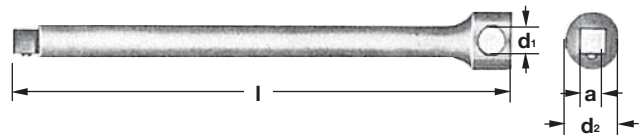
Number	a	l mm	△ g	l inch	Wt. lbs.
6850	1/4	130	85	5 1/8	.19
W-141R	1/2	250	560	10	1.24
W-140R	3/4	455	1795	18	3.96

Replacement parts available upon request  
 Pièces de rechange disponibles sur demande  
 Reemplazo de repuestos



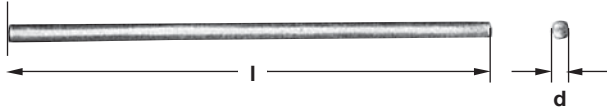
## Adapter for Ratchet Adaptateur pour cliquet Adaptador para Trinquete

Number	a1	a2	l mm	△ g	l inch	Wt. lbs.
6869	1/4	1/2	24	10	15/16	.02
W-141R-A	1/2	3/4	42	73	1 1/2	.16
W-140R-A	3/4	1	57	136	2 1/4	.30



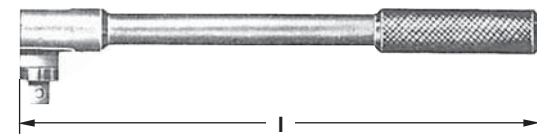
## Bar, Extension Barre de rallonge Barra de Extensión

Number	a	d1 mm	d2 mm	l mm	△ g	d1 inch	d2 inch	l inch	Wt. lbs.
6860	1/4	-	13	100	38	-	1/2	4	.08
W-280	1/2	16	22	254	435	5/8	1 1/16	10	.96
W-255	3/4	22	41	430	1300	7/8	1 5/8	17	2.90
W-258	1	22	41	254	907	7/8	1 5/8	10	2.00



**Bar, Sliding, Socket Wrench**  
**Broche, pour clé à douille**  
**Barra Deslizante para Llave para Cubos**

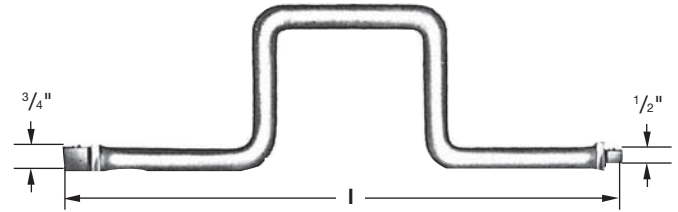
Number	d mm	l mm	Δ g	d inch	l inch	Wt. lbs.
W-256	21	460	1150	13/16	18	2.54
W-281	14	280	318	9/16	11	.70
6410	16	400	600	5/8	16	1.30
6400	6	150	40	1/4	6	.09
6402	8	190	75	5/16	7 1/2	.17
6404	10	190	90	3/8	7 1/2	.20
6406	11	250	185	7/16	10	.41
6408	13	315	310	1/2	12 1/2	.68
6410	16	400	600	5/8	15 3/4	1.32
6412	18	500	920	11/16	19 1/2	2.03
6414	21	630	1600	13/16	24 3/4	3.53
6416	25	800	3100	1	31 1/2	6.84
6418	25	1000	3850	1	39 1/4	8.94
6420	32	1250	7500	1 1/4	49 1/4	16.54
6422	38	1600	15000	1 1/2	63	33.08



**Wrench Handle, Hinged**  
**Poignée articulée**  
**Llave con Mango Abisagrado**

Number	a	l mm	Δ g	l inch	Wt. lbs.
W-283	1/2	305	930	12	2.06
W-257	3/4	460	1245	18	2.74

**AMPCO CUSTOM KITS**  
**Mix & Match...**  
**There is NO CATCH!**



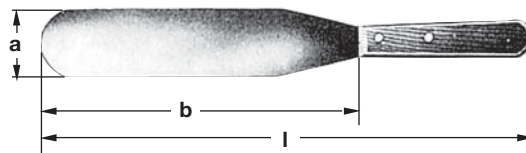
**Wrench Handle, Speed**  
**Clé, Vilebrequin**  
**Manivela Rápido**

Number	l mm	Δ g	l inch	Wt. lbs.
W-286	410	1350	16	2.94



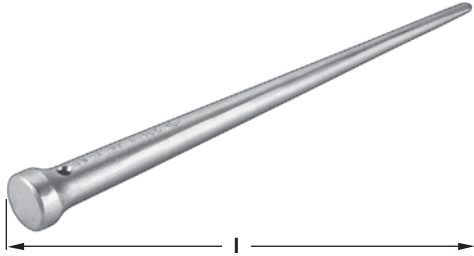
**Universal Joint**  
**Joint Universel**  
**Conexión Universal**

Number	a mm	Δ g	a inch	Wt. lbs.
UJ2	13	135	1/2	.3



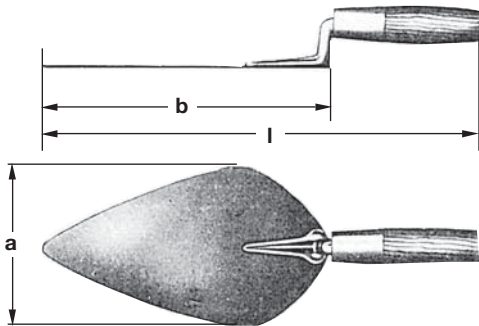
**Spatula**  
**Spatule**  
**Espátula**

Number	a mm	b mm	l mm	Δ g	a inch	b inch	l inch	Wt. lbs.
S-90	25	150	260	50	1	6	10 1/4	.12
S-91	40	230	350	135	1 1/2	9	14	.30
S-92	50	355	490	230	2	14	19 1/4	.50



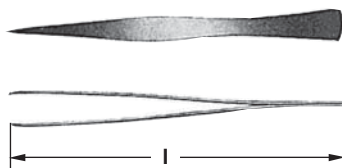
**Spike, Marlin**  
**Epissoir**  
**Pica de Marlin**

Number	l mm	g	l inch	Wt. lbs.
MS-1-ST	406	916	16	2.02



**Trowel, Bricklayers'**  
**Truelle à joints**  
**Palustre para Ladrillos**

Number	a mm	b mm	l mm	g	a inch	b inch	l inch	Wt. lbs.
T-10	130	215	335	475	5 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	13 <sup>3</sup> / <sub>4</sub>	1.04
T-12	140	280	360	615	5 <sup>1</sup> / <sub>2</sub>	11	14 <sup>1</sup> / <sub>4</sub>	1.36



**Tweezer**  
**Pincette**  
**Pinzeta**

Number	l mm	g	l inch	Wt. lbs.
8340	110	10	4 <sup>1</sup> / <sub>4</sub>	.02



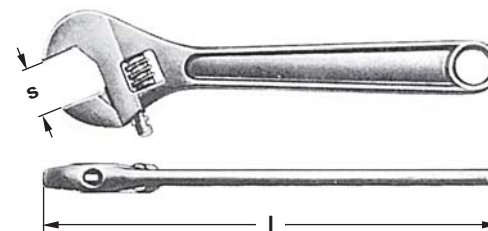
**Wedge, Flange**  
**Coin (casse joint)**  
**Cuña de Pestaña**

Number	a mm	b mm	l mm	g	a inch	b inch	l inch	Wt. lbs.
W-1	6	15	80	50	1/4	1/2	3	.04
W-2	13	19	102	100	1/2	3/4	4	.18
W-3	13	25	150	200	1/2	1	6	.42
W-4	19	38	150	400	3/4	1 1/2	6	.92
W-5	13	32	180	300	1/2	1 1/4	7	.64
W-6	19	50	180	700	3/4	2	7	1.56
W-7	41	38	200	1300	1 5/8	1 1/2	8	2.50
W-8	25	38	200	800	1	1 1/2	8	1.72
W-9	19	50	200	700	3/4	2	8	1.66
W-10	32	50	215	1400	1 1/4	2	8 1/2	2.96
W-11	10	50	180	400	3/8	2	7	.74
W-12	10	50	90	200	3/8	2	3 1/2	.40



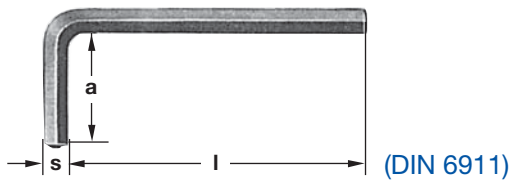
**Wedge, Stone**  
**Coin à pierre**  
**Cuña de Piedra**

Number	a mm	l mm	g	a inch	l inch	Wt. lbs.
7960	44	120	1100	1 1/2	4 3/4	2.43
7962	45	150	1400	1 1/2	6	3.09
7964	47	190	2000	1 3/4	7 1/2	4.41
7966	50	240	3000	2	9 1/2	6.62



**Wrench, Adjustable End**  
**Clé à molette**  
**Llave de Cabeza Ajustable**

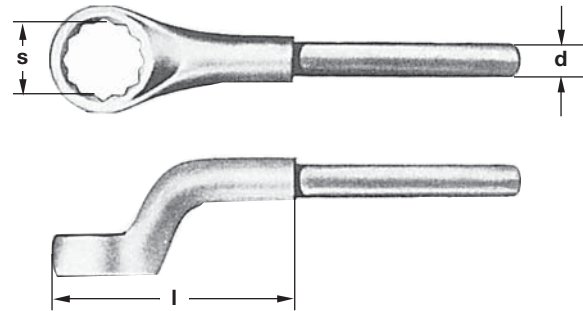
Number	s max mm	l mm	g	s max inch	l inch	Wt. lbs.
W-70	24	152	100	15/16	6	.22
W-71	29	203	200	1 1/8	8	.44
W-72	33	254	313	1 5/16	10	.69
W-73	38	305	567	1 1/2	12	1.25
W-74	43	381	1275	1 11/16	15	2.81



(DIN 6911)

**Wrench, Allen/Hex Key**  
**Clé male pour vis creuse à 6 pans**  
**Llave Allen**

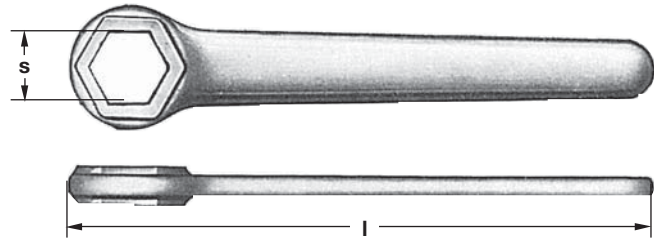
Millimeter (mm)				
Part Number	s mm	a mm	l mm	⚖ g
WH-1.5	1.5	20	63	2
WH-2	2	20	63	2
WH-2.5	2.5	20	63	4
WH-3	3	20	63	5
WH-4	4	25	70	11
WH-5	5	28	79	19
WH-6	6	32	90	30
WH-7	7	35	95	45
WH-8	8	36	100	60
WH-9	9	38	106	83
WH-10	10	40	112	105
WH-11	11	41	119	138
WH-12	12	44	125	170
WH-13	13	51	135	215
WH-14	14	57	140	260
WH-17	17	63	159	444
WH-19	19	70	179	618
WH-22	22	80	198	950
WH-24	24	89	222	1260
WH-27	27	100	249	1780
WH-30	30	113	279	2460
WH-32	32	125	318	3140
WH-36	36	140	356	4470
American Inch (")				
Number	s inch	a inch	l inch	Wt. lbs.
WH-1/16	1/16	3/4	1 3/4	.01
WH-5/64	5/64	3/4	1 3/4	.02
WH-3/32	3/32	3/4	1 7/8	.02
WH-1/8	1/8	13/16	2 5/16	.02
WH-5/32	5/32	7/8	2 1/2	.02
WH-3/16	3/16	7/8	2 7/8	.04
WH-7/32	7/32	1 1/16	3 1/8	.06
WH-1/4	1/4	1 1/16	3 7/8	.08
WH-5/16	5/16	1 3/8	4 1/8	.14
WH-3/8	3/8	1 1/2	4 1/2	.24
WH-7/16	7/16	1 3/4	5 1/4	.36
WH-1/2	1/2	1 3/4	5 1/4	.46
WH-9/16	9/16	1 3/4	5 3/4	.62
WH-5/8	5/8	1 7/8	6 1/4	.86
WH-11/16	11/16	2 1/4	7 1/4	1.20
WH-3/4	3/4	2 1/4	7 1/4	1.42
WH-7/8	7/8	2 1/4	7 1/4	1.98
WH-1	1	2 1/4	7 1/4	2.60



**Wrench, Box, For Extension**  
**Clé polygonale à traction**  
**Llave de Cajón Para Extensión**

Millimeter (mm)				
Number	s mm	l mm	d mm	⚖ g
4800	30	117	21,3	800
4802	32	117	21,3	800
4804	33	117	21,3	800
4806	34	117	21,3	800
4808	35	127	21,3	850
4810	36	127	21,3	850
4812	37	132	21,3	950
4814	38	132	21,3	950
4816	41	139	21,3	1000
4818	42	139	21,3	1000
4820	46	158	24,3	1400
4822	47	158	24,3	1400
4824	50	164	24,3	1550
4826	52	164	24,3	1550
4828	54	164	24,3	1550
4830	55	168	24,3	1650
4832	56	168	24,3	1650
4834	58	168	24,3	1650
4836	60	188	29,3	2450
4838	63	188	29,3	2450
4840	65	196	29,3	2700
4842	67	196	29,3	2700
4844	70	202	29,3	2850
4846	71	202	29,3	2850
4848	75	210	29,3	3200
4850	77	210	29,3	3200
4852	80	215	29,3	3600
4854	82	215	29,3	3600
4856	85	215	29,3	3600
American Inch (")				
Number	s mm	l inch	d inch	Wt. lbs.
4950	1 3/16	4 1/2	4/5	1.76
4952	1 1/4	4 1/2	4/5	1.76
4954	1 5/16	4 1/2	4/5	1.76
4956	1 3/8	5	4/5	1.87

Number	s mm	l inch	d inch	Wt. lbs.
4958	1 <sup>7</sup> / <sub>16</sub>	5	<sup>4</sup> / <sub>5</sub>	1.87
4960	1 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>4</sub>	<sup>4</sup> / <sub>5</sub>	2.09
4962	1 <sup>9</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	<sup>4</sup> / <sub>5</sub>	2.21
4964	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	<sup>4</sup> / <sub>5</sub>	2.21
4966	1 <sup>11</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	<sup>4</sup> / <sub>5</sub>	2.21
4968	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	<sup>4</sup> / <sub>5</sub>	2.21
4970	1 <sup>13</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	1	3.09
4972	1 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	1	3.09
4974	2	6 <sup>1</sup> / <sub>2</sub>	1	3.42
4976	2 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	1	3.42
4978	2 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	1	3.42
4980	2 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	1	3.64
4982	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	1	3.64
4984	2 <sup>5</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	1	3.64
4986	2 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	1	5.40
4988	2 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	1	5.40
4990	2 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>4</sub>	1	5.40
4992	2 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	5.95
4994	2 <sup>5</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	5.95
4996	2 <sup>3</sup> / <sub>4</sub>	8	1 <sup>1</sup> / <sub>4</sub>	6.28
4998	2 <sup>13</sup> / <sub>16</sub>	8	1 <sup>1</sup> / <sub>4</sub>	6.28
5000	2 <sup>15</sup> / <sub>16</sub>	8	1 <sup>1</sup> / <sub>4</sub>	6.28
5002	3	8 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	7.06
5004	3 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	7.94
5006	3 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	7.94
5008	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	7.94

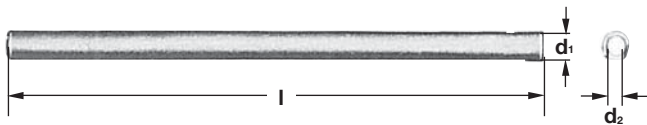


Wrench, Box End, 6-point

Clé fermée, 6 pans

Llave de Cajón Sencilla, 6-puntos

Millimeter (mm)			
Number	s mm	l mm	Δ g
4000	12	130	50
4002	13	130	50
4004	14	165	100
4006	15	165	100
4008	16	165	100
4010	17	165	100
4012	18	165	100
4014	19	205	200
4016	20	205	200
4018	21	205	200
4020	22	205	200
4022	23	205	200
4024	24	240	400
4026	25	240	400
4028	26	240	400
4030	27	240	400
4032	28	240	400
4034	29	270	500
4036	30	270	500
4038	32	270	500
4040	33	270	500
4042	34	270	500
4044	35	310	1100
4046	36	310	1100
4048	37	310	1100
4050	38	310	1100
4052	41	375	1150
4054	42	375	1150
4056	46	410	1650
4058	47	410	1650
4060	50	445	2100
4062	52	445	2100
4064	54	470	2900
4066	55	470	2900
4068	56	470	2900
4070	58	525	3200
4072	60	525	3200
4074	63	525	3200
4076	65	580	4200
4078	67	580	4200



Extension For Box Wrench

Tube levier pour clé polygonale

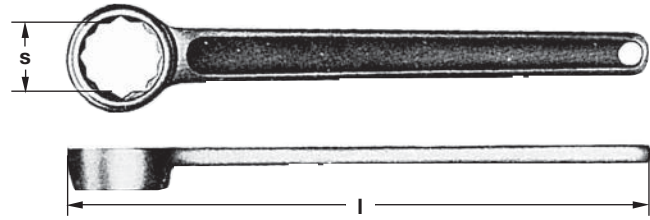
Extensión Para la Llave de Cajón

Number	d <sub>1</sub> mm	d <sub>2</sub> mm	l mm	Δ g	d <sub>1</sub> inch	d <sub>2</sub> inch	l inch	Wt. lbs.
5050	26	22	600	800	1	<sup>3</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>2</sub>	1.76
5054	30	25	750	1450	1 <sup>1</sup> / <sub>4</sub>	1	29 <sup>1</sup> / <sub>2</sub>	3.20
5058	36	30	850	2250	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	33 <sup>1</sup> / <sub>2</sub>	4.96

Number	s mm	l mm	⚖ g
4080	70	600	4500
4082	71	600	4500
4084	75	620	5500
4086	77	620	5500
4088	80	650	7000

**American Inch (")**

Number	s inch	l inch	Wt. lbs.
4200	1/2	5	0.11
4202	9/16	6 1/2	0.22
4204	19/32	6 1/2	0.22
4206	5/8	6 1/2	0.22
4208	11/16	6 1/2	0.22
4210	3/4	8	0.44
4212	25/32	8	0.44
4214	13/16	8	0.44
4216	7/8	8	0.44
4218	15/16	9 1/2	0.88
4220	31/32	9 1/2	0.88
4222	1	9 1/2	0.88
4224	1 1/16	9 1/2	0.88
4226	1 1/8	9 1/2	0.88
4228	1 3/16	10 1/2	1.10
4230	1 1/4	10 1/2	1.10
4232	1 5/16	10 1/2	1.10
4234	1 3/8	12 1/4	2.43
4236	1 7/16	12 1/4	2.43
4238	1 1/2	12 1/4	2.43
4240	1 9/16	12 1/4	2.43
4242	1 5/8	14 3/4	2.54
4244	1 11/16	14 3/4	2.54
4246	1 3/4	16	3.64
4248	1 13/16	16	3.64
4250	1 7/8	16	3.64
4252	2	17 1/2	4.63
4254	2 1/16	17 1/2	4.63
4256	2 1/8	17 1/2	4.63
4258	2 3/16	18 1/2	6.39
4260	2 1/4	18 1/2	6.39
4262	2 5/16	20 1/2	7.06
4264	2 3/8	20 1/2	7.06
4266	2 7/16	20 1/2	7.06
4268	2 1/2	20 1/2	7.06
4270	2 9/16	22 3/4	9.26



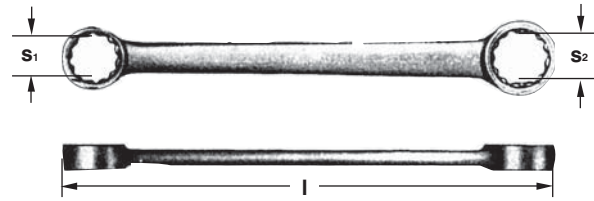
**Wrench, Box End, 12-Point (DIN 3111)**  
**Clé fermée, 12 pans**  
**Llave de Cajaón Sencilla, 12-Puntos**

Millimeter (mm)			
Number	s mm	l mm	⚖ g
4400	14	138	65
4402	15	138	65
4404	16	155	90
4406	17	155	90
4408	18	171	125
4410	19	171	125
4412	20	171	125
4414	21	190	160
4416	22	190	160
4418	23	190	160
4420	24	215	250
4422	25	215	250
4424	26	215	250
4426	27	230	280
4428	28	230	280
4430	29	230	280
4432	30	254	370
4434	32	265	400
4436	33	265	400
4438	34	295	610
4440	35	295	610
4442	36	295	610
4444	37	295	610
4446	38	295	610
4448	41	330	750
4450	42	330	750
4452	46	365	1050
4454	47	365	1050
4456	50	400	1400
4458	52	400	1400
4460	54	400	1400
4462	55	442	1700
4464	56	442	1700
4466	58	442	1700
4468	60	475	1900
4470	63	475	1900
4472	65	510	2300
4474	67	510	2300
4476	70	555	2900
4478	71	555	2900
4480	75	590	3050

Number	s mm	l mm	Δ g
4482	77	590	3050
4484	80	620	4700
4486	82	620	4700
4488	85	665	4900
4490	88	665	4900
4492	90	700	5800
4494	94	700	5800
4496	95	700	5800

### American Inch (")

Number	s inch	l inch	Wt. lbs.
4600	1/2	5 1/4	0.14
4602	9/16	5 1/4	0.14
4604	19/32	5 1/4	0.14
4606	5/8	6	0.20
4608	11/16	6	0.20
4610	3/4	6 3/4	0.28
4612	25/32	6 3/4	0.28
4614	13/16	7 1/2	0.35
4616	7/8	7 1/2	0.35
4618	15/16	8 1/2	0.55
4620	31/32	8 1/2	0.55
4622	1	8 1/2	0.55
4624	1 1/16	9	0.62
4626	1 1/8	9	0.62
4628	1 3/16	10	0.82
4630	1 1/4	10 1/2	0.88
4632	1 5/16	11 1/2	1.35
4634	1 3/8	11 1/2	1.35
4636	1 7/16	11 1/2	1.35
4638	1 1/2	11 1/2	1.35
4640	1 9/16	13	1.65
4642	1 5/8	13	1.65
4644	1 11/16	13	1.65
4646	1 3/4	14 1/4	2.32
4648	1 13/16	14 1/4	2.32
4650	1 7/8	14 1/4	2.32
4652	2	15 3/4	3.09
4654	2 1/16	15 3/4	3.09
4656	2 1/8	17 1/4	3.75
4658	2 3/16	17 1/4	3.75
4660	2 1/4	17 1/4	3.75
4662	2 5/16	18 3/4	4.19
4664	2 3/8	18 3/4	4.19
4666	2 7/16	18 3/4	4.19
4668	2 1/2	20	4.19
4670	2 9/16	20	5.07
4672	2 3/4	21 3/4	6.39
4674	2 15/16	23 1/4	6.73
4676	3	23 1/4	6.73
4678	3 1/8	24 1/2	10.36
4680	3 3/8	26	10.36
4682	3 1/2	27 1/2	12.79
4684	3 3/4	27 1/2	12.79



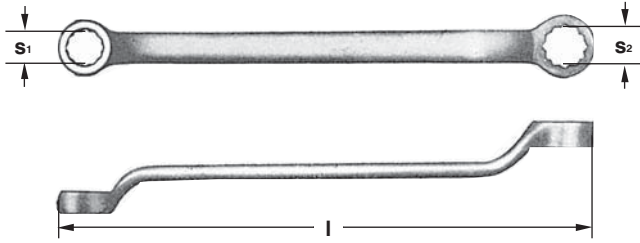
**Wrench, Box End, Double, Straight Type, 12-Point**  
**Clé polygonale double droite, 12 pans**  
**Llave de Cajón Doble, Tipo Recto, 12-Puntos**

Millimeter (mm)			
Number	s1 x s2 mm	l mm	Δ g
0800	6 x 7	100	12
0802	8 x 10	125	30
0804	9 x 11	133	45
0806	12 x 14	155	60
0808	13 x 15	170	90
0810	14 x 17	170	90
0812	16 x 18	190	125
0814	17 x 19	190	125
0816	19 x 22	215	195
0818	21 x 23	235	215
0820	24 x 27	270	280
0822	26 x 28	295	370
0824	30 x 32	330	450

American Inch (")			
Number	s1 x s2 inch	l inch	Wt. lbs.
0860	1/4 X 5/16	4	0.02
0862	5/16 X 3/8	5	0.07
0864	3/8 X 7/16	5 1/4	0.10
0866	7/16 X 9/16	6	0.13
0868	1/2 X 5/8	6 1/2	0.20
0870	1/2 X 19/32	6 1/2	0.20
0872	9/16 X 11/16	6 1/2	0.20
0874	5/8 X 25/32	7 1/2	0.28
0876	11/16 X 3/4	7 1/2	0.28
0878	3/4 X 7/8	8 1/2	0.43
0880	13/16 X 15/16	9 1/4	0.47
0882	15/16 X 1 1/16	10 1/2	0.62
0884	1 X 1 1/8	11 1/2	0.82
0886	1 3/16 X 1 1/4	13	0.99





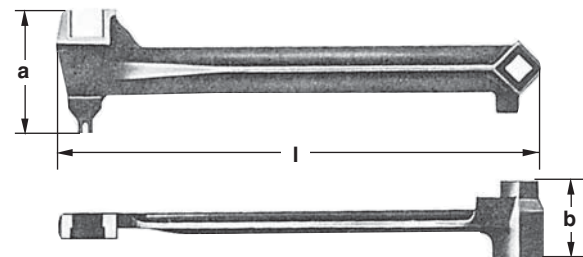
**Wrench, Box End, Double, Offset Type, 12-Point**  
**Clé polygonale double, contre-coudée, 12 pans**  
**Llave de Cajón Doble, Tipo Acodado, 12-Puntos**

Millimeter (mm)			
Number	s1 x s2 mm	l mm	g
1000	6 x 7	155	40
1002	7 x 9	155	40
1004	8 x 9	155	40
1006	8 x 10	170	77
1008	9 x 11	170	77
1010	10 x 11	170	77
1012	10 x 12	180	105
1014	11 x 12	180	105
1016	12 x 13	180	105
1018	10 x 14	200	130
1020	11 x 14	200	130
1022	12 x 14	200	130
1024	13 x 15	220	180
1026	14 x 15	220	180
1028	14 x 17	230	200
1030	16 x 17	260	255
1032	16 x 18	260	255
1034	17 x 19	280	300
1036	18 x 19	280	300
1038	17 x 22	330	420
1040	19 x 22	330	420
1042	19 x 24	330	420
1044	20 x 22	330	420
1046	21 x 23	330	420
1048	22 x 24	360	560
1050	24 x 26	360	560
1052	22 x 27	400	660
1054	24 x 27	400	660
1056	25 x 28	400	660
1058	24 x 30	410	820
1060	27 x 30	410	820
1062	27 x 32	410	820
1064	30 x 32	430	820
1066	30 x 36	480	1350
1068	32 x 36	480	1350
1070	36 x 41	510	1750
1072	41 x 46	580	2550
1074	46 x 50	630	3300
1076	50 x 55	690	4250
1078	50 x 60	740	4250

Number	s mm	l mm	g
1080	55 x 60	740	5300
1082	65 x 70	760	7600
1084	70 x 75	780	9400

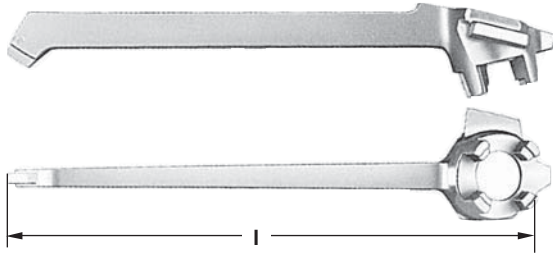
  

American Inch (")			
Number	s1 x s2 inch	l inch	Wt. lbs.
W-3109	5/16 x 3/8	7 3/4	0.12
W-3110	3/8 x 7/16	7 3/4	0.22
W-3120	7/16 x 1/2	7 3/4	0.22
W-3130	1/2 x 9/16	9 1/2	0.26
W-3140	1/2 x 19/32	9 1/2	0.44
W-3150	9/16 x 5/8	9 1/2	0.40
W-3160	5/8 x 3/4	10 3/4	0.46
W-3170	11/16 x 25/32	10 3/4	0.66
W-3180	3/4 x 7/8	12 1/4	0.74
W-3190	13/16 x 7/8	12 1/4	0.72
W-3210	7/8 x 1	14 3/4	1.20
W-3220	7/8 x 1 1/16	15 5/8	1.48
W-3221	15/16 x 1	14 3/4	1.24
W-3230	15/16 x 1 1/16	15 5/8	1.42
W-3240	1 x 1 1/8	15 5/8	1.36
W-3241	1 1/16 x 1 1/8	15 5/8	1.32
W-3250	1 1/16 x 1 1/4	19 1/4	2.42
W-3260	1 1/8 x 1 5/16	19 1/4	2.34
W-3261	1 1/4 x 1 5/16	19 1/4	2.28
W-3270	1 1/4 x 1 7/16	19 1/4	2.26
W-3271	1 7/16 x 1 5/8	19 1/4	2.66



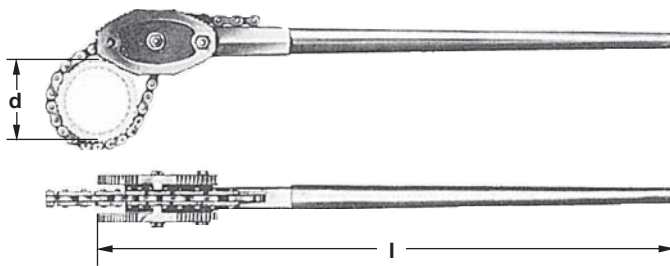
**Wrench, Bung, for 22 different bungs**  
**Clé universelle, pour débouder les fûts**  
**Llave Taponadora para 22 Taponos Diferentes**

Number	a mm	b mm	l mm	g	a inch	b inch	l inch	Wt. lbs.
W-58-S	65	60	385	1300	2 1/2	2 1/4	15	2.70



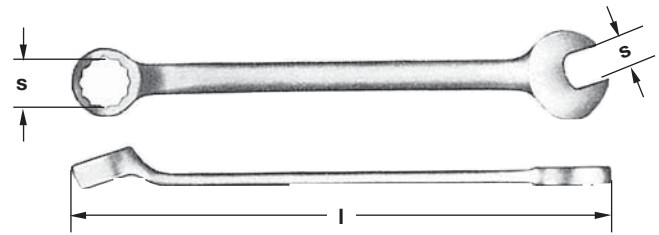
**Wrench, Bung, fits 3/4" & 2" bungs**  
**Clé à bondes**  
**Llave Taponadora**

Number	l mm	Δ g	l inch	Wt. lbs.
W-56	305	680	12	1.50



**Wrench, Chain Pipe**  
**Serre-tube à chaîne**  
**Llave Encadenadora de Tubos**

Number	d max mm	l mm	Δ g	d max inch	l inch	Wt. lbs.
W-60	38	508	2650	1½	20	5.72
W-61	65	685	4500	2½	27	9.44
W-62	305	1830	30730	12	72	67.74
W-63	100	915	12710	4	36	28.02



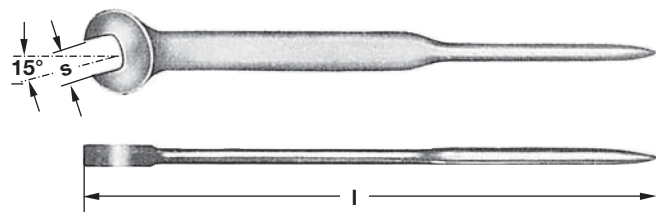
**Wrench, Combination**  
**Clé mixte**  
**Llave Combinada**

Millimeter (mm)			
Number	s mm	l mm	Δ g
1300	8	135	45
1302	9	150	50
1304	10	160	50
1306	11	175	75
1308	12	190	95
1310	13	205	115
1312	14	205	115
1314	15	225	145
1316	16	225	145
1318	17	245	170
1320	18	245	170
1322	19	270	260
1324	20	270	260
1326	21	295	300
1328	22	295	300
1330	23	325	400
1332	24	325	400
1334	25	355	550
1336	26	355	550
1338	27	355	550
1340	28	390	690
1342	30	390	690
1344	32	430	1000
1346	34	430	1000
1348	36	475	1100
1350	38	475	1100
1352	41	525	1450
1354	46	575	1900
1356	50	575	2200
1358	55	575	2600
1360	60	575	3150
1362	65	575	4580
1364	70	575	4580

American Inch (")			
Number	s inch	l inch	Wt. lbs.
W-601	3/8	6 5/16	0.16
W-601A	13/32	6 5/16	0.16



Number	s inch	l inch	Wt. lbs.
W-611	7/16	7 1/4	0.16
W-621	1/2	7 1/4	0.14
W-631	9/16	8 1/4	0.26
W-632	19/32	8 1/16	0.25
W-641	5/8	8 7/8	0.33
W-651	11/16	10 1/8	0.46
W-661	3/4	10 1/8	0.46
W-662	25/32	10 5/8	0.46
W-670	13/16	11 5/8	0.63
W-671	7/8	13 1/4	0.94
W-671b	15/16	13 1/4	0.90
W-670a	31/32	12 13/16	0.90
W-671a	1	13 1/4	0.90
W-672	1 1/16	17	1.22
W-673	1 1/8	17	1.26
W-673a	1 3/16	15 3/8	1.4
W-674	1 1/4	19 1/2	2.08
W-675	1 5/16	16 15/16	2.46
W-676	1 3/8	21 1/4	2.84
W-677	1 7/16	21 1/4	2.78
W-678	1 1/2	22	3.38
W-678a	1 9/16	18 11/16	2.17
W-679	1 5/8	22	3.30
1504	1 11/16	22 3/4	4.19
1506	1 3/4	22 3/4	4.19
1508	2	22 3/4	4.85
1510	2 3/16	22 3/4	5.73
1512	2 3/8	22 3/4	6.94
1514	2 9/16	22 3/4	10.08
1516	2 3/4	22 3/4	10.08
1518	2 5/8	22 3/4	10.08



**Wrench, Construction, with Pin**  
**Clé à broche, avec pointe**  
**Llave de Construcción con Perno**

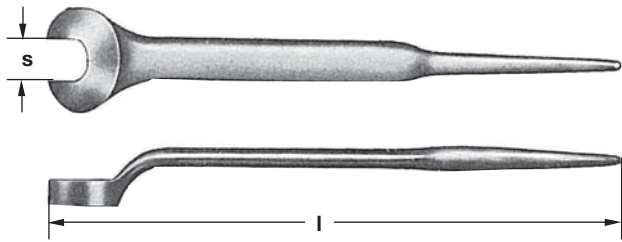
Millimeter (mm)			
Number	s mm	l mm	Wt. g
3400	17	320	270
3402	18	320	270
3404	19	350	465
3406	20	350	465
3408	21	350	465

Number	s mm	l mm	Wt. g
3411	22	350	465
3412	23	370	650
3414	24	370	650
3416	25	370	650
3418	26	370	650
3420	27	370	650
3422	28	400	950
3424	29	400	950
3426	30	400	950
3428	32	400	950
3430	33	400	950
3432	34	400	950
3434	35	430	1400
3436	36	430	1400
3438	37	430	1400
3440	38	430	1400
3442	41	470	1900
3444	42	470	1900
3446	46	500	2700
3448	47	500	2700
3450	50	530	3550

**American Inch (")**

Number	s inch	l inch	Wt. lbs.
3550	11/16	12 1/2	0.60
3552	3/4	13 3/4	1.03
3554	25/32	13 3/4	1.03
3556	13/16	13 3/4	1.03
3558	7/8	13 3/4	1.03
3560	15/16	14 1/2	1.43
3562	31/32	14 1/2	1.43
3564	1	14 1/2	1.43
3566	1 1/16	14 1/2	1.43
3568	1 1/8	15 3/4	2.09
3570	1 3/16	15 3/4	2.09
3572	1 1/4	15 3/4	2.09
3574	1 5/16	15 3/4	2.09
3576	1 3/8	17	3.09
3578	1 7/16	17	3.09
3580	1 1/2	17	3.09
3582	1 9/16	18 1/2	4.19
3584	1 5/8	18 1/2	4.19
3586	1 11/16	18 1/2	4.19
3588	1 3/4	19 3/4	5.95
3590	1 13/16	19 3/4	5.95
3592	1 7/8	19 3/4	5.95
3594	2	20 3/4	7.83





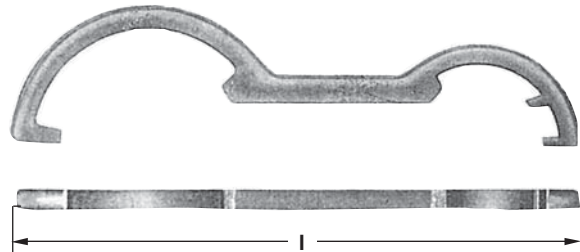
**Wrench, Construction, Offset Type with Pin**  
**Clé à broche, coudée tête droite**  
**Llave de Construcción, Tipo Acodada con Perno**

Millimeter (mm)			
Number	s mm	l mm	△ g
3700	17	320	295
3702	18	320	295
3704	19	350	510
3706	20	350	510
3708	21	350	510
3710	22	350	510
3712	23	370	715
3714	24	370	715
3716	25	370	715
3718	26	370	715
3720	27	370	715
3722	28	400	1145
3724	29	400	1145
3726	30	400	1145
3728	32	400	1145
3730	33	400	1145
3732	34	400	1145
3734	35	430	1540
3736	36	430	1540
3738	37	430	1540
3740	38	430	1540
3742	41	470	2090
3744	42	470	2090
3746	46	500	2970
3748	47	500	2970
3750	50	530	3900
American Inch (")			
Number	s inch	l inch	Wt. lbs.
W-219	1 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>2</sub>	0.50
W-220	7 <sup>7</sup> / <sub>8</sub>	14	1.28
W-221	1 <sup>1</sup> / <sub>16</sub>	15	1.68
W-222	1 <sup>1</sup> / <sub>4</sub>	15	1.68
W-223	1 <sup>7</sup> / <sub>16</sub>	18	4.38
W-224	1 <sup>5</sup> / <sub>8</sub>	20	5.84
W-225	1 <sup>13</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>2</sub>	6.94
W-226	2	21 <sup>1</sup> / <sub>2</sub>	6.58



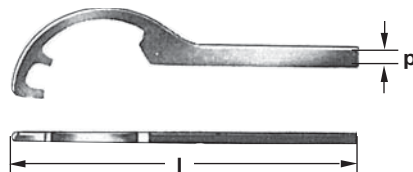
**Wrench, Gas & Water Shut-off**  
**Clé pour eau / gas**  
**Llave para agua / gas**

Number	s mm	l mm	△ g	s inch	l inch	Wt. lbs.
W-20	13	292	400	1/2	11 <sup>1</sup> / <sub>2</sub>	.88



**Wrench, Hose Coupling, A-B-C (DIN 14822)**  
**Clé pour raccord de tuyau, A-B-C**  
**Llave de Ansas Acopladas, A-B-C**

Number	l mm	△ g	l inch	Wt. lbs.
7462	455	1100	18	2.43



**Wrench, Hose Coupling, B-C**  
**Clé pour raccord de tuyau, B-C**  
**Llave de Ansas Acopladas, B-C**

Number	p mm	l mm	△ g	p inch	l inch	Wt. lbs.
7460	12	285	460	1/2	11 <sup>1</sup> / <sub>4</sub>	1.01