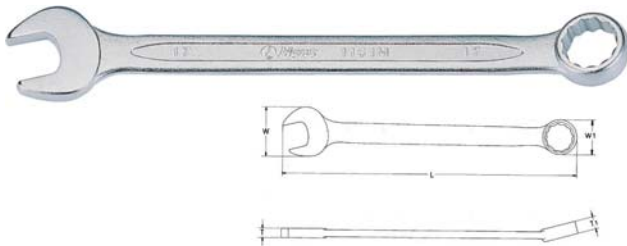


1161M

LLAVE COMBINADA
CHAVE COMBINADA
COMBINATION WRENCH



1161M (mm)	W (mm)	W1 (mm)	T (mm)	T1 (mm)	L (mm)	(g)	(pcs)
6	15.5	10.0	4.0	4.5	105	17.0	12
7	17.0	11.5	4.0	4.7	115	19.6	12
8	19.2	12.8	4.5	5.9	125	26.0	12
9	21.4	14.2	5.0	6.5	135	34.0	12
10	23.2	15.6	5.4	6.9	145	36.0	12
11	25.3	16.9	5.5	7.3	155	44.0	12
12	27.2	18.3	5.9	7.8	165	52.0	12
13	29.4	19.7	6.2	8.3	175	63.0	12
14	31.5	21.2	6.4	8.6	185	78.0	12
15	33.2	22.5	6.4	8.6	195	94.0	12
16	34.7	24.0	6.7	8.9	205	106.0	12
17	38.7	26.8	6.9	9.3	215	132.0	12
18	38.7	26.8	7.2	9.9	225	144.0	12
19	40.7	28.0	7.4	10.5	235	154.0	12
20	43.0	29.7	7.7	10.9	245	188.0	12
21	44.8	31.3	8.0	11.3	255	200.0	12
22	46.9	32.6	8.2	11.5	265	220.0	12
23	48.3	34.2	8.4	11.8	275	260.0	12
24	50.4	35.5	8.7	12.0	285	280.0	6
25	52.0	36.9	8.9	12.5	295	300.0	6
26	53.6	38.2	9.2	12.8	305	320.0	6
27	55.7	39.6	9.4	13.3	315	360.0	6
28	57.6	40.9	9.7	13.3	325	380.0	6
29	59.7	42.3	9.9	13.5	335	460.0	6
30	61.8	43.7	10.0	13.7	345	500.0	6
32	65.8	46.4	10.4	14.3	365	560.0	6
33	69.2	48.8	10.7	15.0	380	700.0	6
34	69.2	48.8	10.7	15.0	380	700.0	6
35	74.0	53.0	13.5	19.2	410	820.0	6
36	74.0	53.0	13.5	19.2	410	820.0	6
38	77.0	56.0	15.0	20.4	430	940.0	6
41	84.0	61.0	16.0	21.6	460	1120.0	6
43	84.0	61.0	16.0	21.6	460	1120.0	6
46	92.0	66.0	17.0	23.0	500	1660.0	6
48	102.0	73.0	18.0	24.6	540	2080.0	6
50	102.0	73.0	18.0	24.6	540	2080.0	6

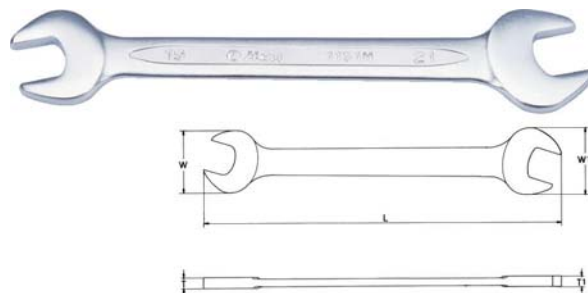
ITEM N°.	ITEM N°.	
		
16608M	16608MH	6,8,10,12,14,17,19,22mm 8 pcs
16612M	16612MH	6,8,10,12,13,14,17,19,22,24,30,32mm 12 pcs



1151M

LLAVE FIJA DOBLE
DOUBLE-ENDED OPEN-JAWED SPANNER
CHAVE DE BOCA

1151M (mm)	W (mm)	W1 (mm)	T (mm)	L (mm)	(g)	(pcs)
6x7	15.5	18.0	3.7	123	22.8	12
8x9	20.4	22.7	4.0	140	31.8	12
8x10	20.4	22.7	4.0	140	31.8	12
10x11	24.9	27.1	5.0	156	54.8	12
10x12	24.9	27.1	5.0	156	54.8	12
12x13	29.2	31.2	5.5	172	73.6	12
13x14	33.3	35.3	5.9	180	108.1	12
14x15	33.3	35.3	5.9	180	108.1	12
14x17	37.1	38.9	5.9	204	138.0	12
16x17	37.1	38.9	6.3	204	138.0	12
17x19	40.9	42.8	6.7	210	155.0	12
18x19	40.9	42.8	6.7	220	168.1	12
18x21	44.8	48.8	7.1	237	211	12
19x22	44.8	48.8	7.1	237	211.0	12
20x22	44.8	48.8	7.1	237	211.0	12
21x23	46.8	50.8	7.7	247	238.0	12
22x24	46.8	50.8	7.7	247	238.0	12
24x26	51.2	56.8	8.0	263	316.0	12
24x27	51.2	56.8	8.0	263	316.0	12
25x28	54.8	61.3	8.5	279	350.0	6
27x29	65.4	69.8	9.0	298	495.0	6
27x32	65.4	69.8	9.0	298	495.0	6
30x32	65.4	69.8	9.0	298	495.0	6
32x36	69.8	76.0	10.5	350	612.0	6
34x36	69.8	76.0	10.5	350	612.0	6
36x41	76.0	87.0	12.0	380	700.0	6
41x46	86.0	95.0	15.0	415	823.0	6
46x50	95.0	104.0	16.0	465	960.0	6

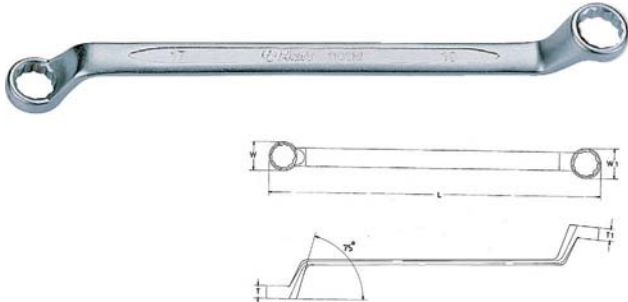


ITEM N°.	ITEM N°.	1151M
		
16508M	16508MH	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm 8 pcs
16510M	16510MH	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32mm 10 pcs
16512M	16512MH	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 30x32mm 12 pcs



1103M

LLAVE POLIGONAL DOBLE CURVA
CHAVE REIBAXADA
DOUBLE-ENDED BENT SPANNER



1103M (mm)	W (mm)	W1 (mm)	T (mm)	T1 (mm)	L (mm)	(g)	(pcs)
6X7	10.7	12.2	5.8	6.5	168	42	12
8X9	13.6	15.1	6.8	7.5	183	60	12
10X11	16.6	18	7.9	8.9	198	90	12
12X13	19.5	20.9	9	9.5	217	117.6	12
14X15	22.4	23.7	9.2	10	239	138	12
16X17	25.3	26.7	10.7	11	260	186.2	12
17X19	28.2	29.7	11	11.8	292	234.8	6
18X19	28.2	29.7	11	11.8	292	234.8	6
19X22	31.1	34	12	12.8	318	311.4	6
20X22	31.1	34	12	12.8	318	311.3	6
21X23	36.9	41	12	13	327	350.5	6
22X24	36.9	41	11.2	11.6	327	350.5	6
24X26	36.9	41	12.5	14.8	329	466.6	6
24X27	36.9	41	12.5	14.8	329	466.6	6
25X28	38.4	42.8	13	14	347	473.3	6
27X30	41	45.5	14.8	15.5	360	493.0	6
27X32	41	48.5	14.8	16.5	360	530.0	6
30X32	45.5	48.5	15.5	16.5	362	596.5	6



ITEM N°.	ITEM N°.	1103M	SET
16008M	16008MH	6x7,8x9,10x11,12x13,14x15,16x17,18x19,20x22mm	8 pcs 10
16012M		6x7,8x9,10x11,12x13,14x15,16x17,18x19,20x22,21x23,24x26,25x28,30x32mm	12 pcs 6

1110

LLAVE TORX DOBLE RECTA
CHAVE TORX
DOUBLE ENDED RING SPANNER



1110E/S4

JUEGO DE 4 LLAVES TORX RECTAS
JOGO 4 CHAVES TORX
DOUBLE ENDED RING SPANNER SET (4 PCS)
E6xE8, E10xE12, E14xE18, E20xE24.



1110 (mm)	L (mm)	(g)
E6xE8	112	18
E10xE12	140	39
E14xE18	180	88
E20xE24	224	168

1105M

LLAVE DE ESTRELLA ABIERTA
CHAVE ESTRELA
DOUBLE-ENDED OPEN RING SPANNER



1105M/S6

JUEGO DE 6 LLAVES DE ESTRELLA ABIERTA
JOGO 6 CHAVES ESTRELA
DOUBLE-ENDED OPEN RING SPANNER SET (6 PCS)
8x9, 10x11, 12x13, 12x14, 17x19, 19x22.

1105M/S8

JUEGO DE 8 LLAVES DE ESTRELLA ABIERTA
JOGO 8 CHAVES ESTRELA
DOUBLE-ENDED OPEN RING SPANNER SET (8 PCS)
8x9, 10x11, 12x13, 12x14, 17x19, 19x22, 24x27, 30x32.



1105M (mm)	L (mm)	(g)
8x9	145	44
8x10	145	44
10x11	155	58
12x13	175	85
12x14	175	85
17x19	200	122
19x22	225	210
22x24	252	305
24x27	265	357
30x32	285	720

1142M

LLAVE DE VASO
ARTICULADA DOBLE
CHAVE DE CAIXA (CASQUILHOS ARTICULADOS)
DOUBLE ENDED FLEXIBLE WRENCH



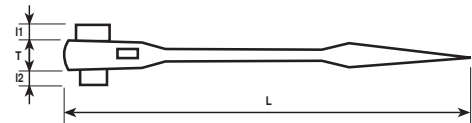
1142M (mm)	L (mm)	(g)	(pcs)
6x7	175	72	12
8x9	178	78	12
8x10	178	90	12
10x11	200	115	12
12x13	220	155	12
14x15	240	245	12
16x17	260	328	12
17x19	260	330	6
18x19	275	414	6
20x22	300	595	6
21x22	300	642	6
21x23	300	642	6

7 PCS	16407M	
1142M	8X9,10X11,12X13,14X15,16X17,18X19,21X22	10



1140M

CARRACA DOBLE BOCA PARA ANDAMIOS 32 DIENTES
ROQUETE DUPLA BOCA PARA ANDAIMES 32 DENTES
TWO SIZE, RATCHET BOX WRENCH 32 TEETH



1140M (mm)	I1 (mm)	I2 (mm)	T (mm)	L (mm)	 (pcs)
10x13	11	11	15.5	240	2
13x17	14	14	16	280	2
19x22	16	16	18	315	2
24x27	18	18	20	360	2
30x32	20	20	24	450	2

1172-4/-6/-8/-10/-12/-15/-18/-24

LLAVE AJUSTABLE DE SINFIN CENTRAL
CHAVES AJUSTAVEIS COM RECARILHAMENTO CENTRAL
ADJUSTABLE WRENCH (NORMAL STYLE)

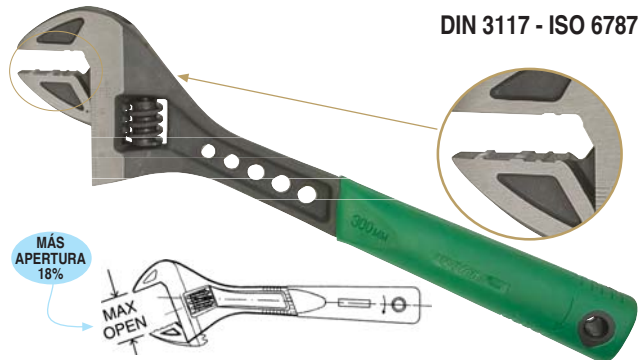


DIN 3117 - ISO 6787

L (mm)	L (")	S (mm)	(g)	(pcs)
110	4	13	60	12
150	6	22,5	130	12
200	8	24	240	12
250	10	33	400	12
300	12	37	640	12
375	15	46	1220	6
450	20	58	2200	6
600	24	70	3500	6

1170

LLAVE AJUSTABLE MANGO ANTIDESLIZANTE
CHAVES AJUSTAVEIS COM CABO ANTI-DESLIZANTE
ADJUSTABLE WRENCHES WITH NON-SLIP HANDLE



DIN 3117 - ISO 6787

L (mm)	L (")	Apertura Max. (mm)	Capacidad Max.	(pcs)
150	6	24	M14	12
200	8	28,6	M18	12
250	10	32,8	M20	12
300	12	38	M24	12

1501

LLAVE ESTRELLA DE GOLPEO
CHAVES DE LUNETAS 12 FACES SERIA PANCADA
RING SLOGGING WRENCHES



1501 (mm)	W (mm)	T (mm)	L (mm)	(g)	(pcs)	1501 (mm)	W (mm)	T (mm)	L (mm)	(g)	(pcs)
22	42	15,5	163	244	6	40	66	20,5	230	735	6
23	42	15,5	163	244	6	41	66	20,5	230	735	6
24	42	15,5	163	244	6	42	66	20,5	230	735	6
25	42	15,5	163	244	6	43	66	20,5	230	735	6
26	46	16,5	180	340	6	44	74	22,5	240	930	2
27	46	16,5	180	340	6	45	74	22,5	240	930	2
28	46	16,5	180	340	6	46	74	22,5	240	930	2
29	52	17,5	190	416	6	47	74	22,5	240	930	2
30	52	17,5	190	416	6	48	80	24,5	255	1162	2
32	52	17,5	190	416	6	50	80	24,5	255	1162	2
33	52	17,5	190	416	6	52	80	24,5	255	1162	2
34	58	18,5	208	518	6	55	86	25,5	270	1360	2
35	58	18,5	208	518	6	60	96	26,5	280	1650	2
36	58	18,5	208	518	6	65	100	27,0	280	1750	1
38	58	18,5	208	518	6						