

Metric
Métrique



Hex Nut Drivers / Open End Wrenches

Tourne-écrous hexagonaux / Clés ouvertes

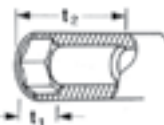
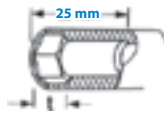
Hex Nut-Drivers

Chrome-Vanadium

With Black Plastic Transverse Handle (protected by design patent).



Galvanized



Short Pattern

SPAENAUR No.	HAZET No.	mm	L1 mm	L2 mm	t min. mm	d1 mm	d2 mm
990-131	428-6	6	230	262	3.5	9.0	6
990-132	428-7	7	230	262	4.0	11.0	6
990-133	428-8	8	230	262	5.0	12.0	7
990-135	428-10	10	230	262	6.0	14.0	8
990-136	428-11	11	230	262	7.0	16.0	8
990-137	428-12	12	230	265	8.0	17.0	9
990-138	428-13	13	230	265	8.0	18.0	9

Long Pattern

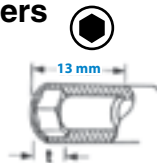
SPAENAUR No.	HAZET No.	mm	L1 mm	L2 mm	t1 mm	t2 mm	d1 mm	d2 mm
990-142	428 Lg-8	8	350	382	5.0	25	12.0	7
990-144	428 Lg-10	10	350	382	6.0	25	14.0	8
990-147	428 Lg-13	13	350	385	8.0	25	18.0	9

Flexible Hex Nut-Drivers

For radiator hose clamps with worm-driven thread.



With Trinamic® Black Plastic Handle



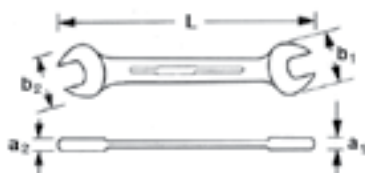
SPAENAUR No.	HAZET No.	mm	L1 mm	L2 mm	t min. mm	d1 mm	d2 mm
990-125	426-6	6	150	262	5.0	11.0	8
990-126	426-7	7	150	262	5.0	11.0	8

Double Open-End Wrenches

Long and Slender Pattern
DIN 3110, ISO 3318/1085



Matte Finish



SPAENAUR No.	HAZET No.	mm	L mm	a1 a2 mm	b1 mm	b2 mm
* 990-203	450-4 x 5	4 x 5	100	3.4	11.6	13.7
* 990-204	450-5 x 5.5	5 x 5.5	100	3.5	13.6	15.3
990-206	450-6 x 7	6 x 7	121.5	3.5	15.3	17.2
990-208	450-8 x 9	8 x 9	139.5	3.8	18.7	21.2
▲ 990-209	450-8 x 10	8 x 10	141	4.1	19.2	23.5
990-210	450-10 x 11	10 x 11	146.5	4.6	23.4	25.4
▲ 990-211	450-10 x 13	10 x 13	172.8	5.1	25.7	30.0
990-213	450-12 x 13	12 x 13	172.8	5.1	27.3	29.3
990-217	450-13 x 17	13 x 17	206.3	6.0	31.1	36.9
990-218	450-14 x 15	14 x 15	189	5.7	31.1	33.0
990-220	450-16 x 17	16 x 17	206.3	6.0	35.0	36.9
990-221	450-16 x 18	16 x 18	206.3	6.0	35.0	38.5
▲ 990-222	450-17 x 19	17 x 19	222.2	6.7	37.6	40.9
990-223	450-18 x 19	18 x 19	222.2	6.7	38.9	40.9
990-226	450-20 x 22	20 x 22	239.1	7.0	43.1	47.0
* 990-227	450-21 x 22	21 x 22	239.1	7.0	45.1	47.0
990-228	450-21 x 23	21 x 23	247	7.1	45.1	49.1
990-230	450-22 x 24	22 x 24	254.7	7.1	47.1	51.2
990-231	450-24 x 26	24 x 26	270	7.8	51.0	55.0
990-232	450-24 x 27	24 x 27	270	7.8	51.0	57.1
990-233	450-25 x 28	25 x 28	284.9	8.4	53.4	59.0
990-235	450-27 x 32	27 x 32	304.8	9.0	57.9	67.2
▲ 990-236	450-30 x 32	30 x 32	304.8	9.0	63.3	67.2
990-239	450-32 x 36	32 x 36	343.7	9.8	66.7	75.1
990-240	450-34 x 36	34 x 36	343.2	9.8	70.2	75.1
▲ 990-241	450-36 x 41	36 x 41	389.6	10.5	75.1	84.0
990-242	450-41 x 46	41 x 46	440.1	11.0	85.3	94.2
990-243	450-46 x 50	46 x 50	498	11.8	94.1	100.0

▲ Chrome Plated *Not according to DIN

Open End Wrenches

Clés ouvertes



Metric

Métrique

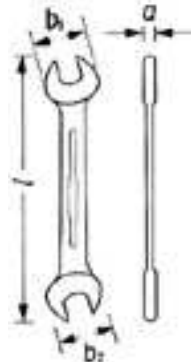
Double Open-End Wrenches

ISO 1085

Chrome-Vanadium
Long and Slender Pattern

Chrome-Plated, Bright Heads

Inch Sizes



SPAENAUR No.	HAZET No.	Hex Inch	L mm	a mm	b1 mm	b2 mm
990-258	450A-1/4 x 5/16 VKH	1/4 x 5/16	121.5	3.8	15.9	18.8
990-259	450A-5/16 x 3/8 VKH	5/16 x 3/8	139.9	4.1	19.2	22.0
990-260	450A-3/8 x 7/16 VKH	3/8 x 7/16	156.4	4.6	22.3	25.3
990-262	450A-1/2 x 9/16 VKH	1/2 x 9/16	172.8	5.1	28.7	31.3
990-263	450A-9/16 x 5/8 VKH	9/16 x 5/8	189.8	5.7	31.8	34.8
*990-264	450A-19/32 x 11/16 VKH	19/32 x 11/16	206.3	6.0	33.8	37.7
990-266	450A-5/8 x 3/4 VKH	5/8 x 3/4	222.2	6.7	35.2	40.9
*990-268	450A-25/32 x 7/8 VKH	25/32 x 7/8	239.1	7.0	42.9	47.4
990-269	450A-7/8 x 15/16 VKH	7/8 x 15/16	254.7	7.1	48.1	50.9
990-270	450A-15/16 x 1 VKH	15/16 x 1	270.0	7.8	51.2	53.8
990-271	450A-1 x 1-1/8 VKH	1 x 1-1/8	284.9	8.4	55.5	60.0
990-272	450A-1-1/16 x 1-1/4 VKH	1-1/16 x 1-1/4	304.3	9.0	58.0	66.8

*not according to ISO -Also available up to 9" across flat
- Metric sizes up to 230 mm

Open-End Striking Wrenches

DIN 133

Special Steel

Steel Grey

Withstand Extreme Impact Loads



SPAENAUR No.	HAZET No.	Hex mm	L mm	a mm	b mm
990-281	452-27	27	180	16.0	56
990-282	452-30	30	190	17.0	62
990-283	452-32	32	190	17.0	62
990-284	452-36	36	215	17.5	76
990-285	452-41	41	235	18.5	86
990-286	452-46	46	255	20.0	98
990-287	452-50	50	275	21.0	105
990-288	452-55	55	300	23.0	116
990-289	452-60	60	320	24.5	128
990-290	452-65	65	342	27.0	138
990-291	450-70	70	375	30.0	154
990-292	452-75	75	375	30.0	154
990-293	452-80	80	408	34.0	174
990-294	452-85	85	408	34.0	174
990-295	452-90	90	445	38.0	194
990-296	452-95	95	445	38.0	194
990-297	452-100	100	485	44.0	215

Double Open-End Wrenches

Small Pattern

Chrome-Vanadium

Heads set at 15° and 75°

Matte Chrome-Plated



SPAENAUR No.	HAZET No.	Hex mm	L mm	a mm	b mm
990-186	440-3.2	3.2	70	2	10.5
990-187	440-3.5	3.5	70	2	10.5
990-188	440-4	4	70	2	10.5
990-189	440-4.5	4.5	70	2	10.5
990-190	440-5	5	78	2	12.6
990-191	440-5.5	5.5	78	2	12.6
990-192	440-6	6	78	2	12.6
990-193	440-7	7	91	2	14.7
990-194	440-8	8	96	3	16.8
990-195	440-9	9	103	3	18.9
990-196	440-10	10	105	3	21.0
990-197	440-11	11	116	3	24.2
990-198	440-12	12	116	3	24.2
990-199	440-13	13	131	3	28.3
990-200	440-14	14	131	3	28.3

N

Inch and Metric
Pouce et Métrique



Open End / Box Wrenches
Clés ouvertes / fermées

Combination Box and Open-End Wrenches

DIN 3113, Form A, ISO/DIS 3318

Chrome-Vanadium
Chrome-Plated Bright Heads

Slender and thin-walled, the double-hex box end is offset at a 15° angle to the handle to clear obstruction, equal openings, at both ends.



SPAENAUR No.	HAZET No.	mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm
*990-298	600-5.5	5.5	105	5.0	4.0	10.5	15.0
990-299	600-6	6	105	5.0	4.0	10.5	15.0
*990-300	600-7	7	118	6.0	4.3	11.8	17.0
*990-301	600-8	8	130	7.0	5.0	13.5	18.5
*990-302	600-9	9	143	7.5	5.0	14.5	21.0
*990-303	600-10	10	155	7.8	5.5	16.0	23.0
*990-304	600-11	11	168	8.4	6.0	17.5	25.0
*990-305	600-12	12	180	8.8	6.0	18.5	27.0
990-306	600-13	13	193	9.3	6.5	19.8	29.0
*990-307	600-14	14	205	9.8	6.8	21.0	31.0
990-308	600-15	15	218	10.3	7.0	22.5	32.5
990-309	600-16	16	230	10.8	7.5	24.0	34.5
990-310	600-17	17	242	11.3	8.0	25.0	36.5
990-311	600-18	18	255	12.3	8.0	27.3	38.5
990-312	600-19	19	268	12.3	8.2	28.5	40.5
*990-313	600-20	20	280	13.5	9.0	30.0	43.0
990-314	600-21	21	292	13.7	9.0	30.5	45.0
990-315	600-22	22	304	13.7	9.5	32.8	47.0
*990-316	600-23	23	328	14.7	9.2	35.2	51.0
990-317	600-24	24	328	14.7	9.2	35.2	51.0
*990-318	600-25	25	354	15.4	10.0	38.5	55.0
*990-319	600-26	26	354	15.4	10.0	38.5	55.0
990-320	600-27	27	380	16.0	11.0	40.5	59.0
*990-321	600-28	28	380	16.0	11.0	40.5	59.0
*990-322	600-29	29	380	16.0	11.0	40.5	59.0
990-323	600-30	30	406	18.0	12.4	44.0	63.5
990-324	600-32	32	420	17.7	13.0	47.0	67.0
990-325	600-34	34	432	18.0	13.5	50.0	71.0
990-326	600-36	36	460	19.3	14.0	52.0	75.0
990-327	600-41	41	500	20.0	14.3	59.5	84.0

SPAENAUR No.	HAZET No.	Inch	L mm	a1 mm	a2 mm	b1 mm	b2 mm
990-336	600A-1/4	1/4	105	5.0	4.0	10.5	15.0
990-337	600A-5/16	5/16	130	7.0	5.0	13.5	18.5
990-338	600A-3/8	3/8	155	7.8	5.5	16.0	23.0
990-339	600A-7/16	7/16	168	8.4	6.0	17.5	25.0
990-340	600A-1/2	1/2	193	9.3	6.5	19.8	29.0
990-341	600A-9/16	9/16	205	9.8	7.0	21.0	31.0
990-342	600A-5/8	5/8	230	10.8	7.5	24.0	34.5
990-343	600A-11/16	11/16	242	11.3	8.0	25.0	36.5
990-344	600A-3/4	3/4	268	12.3	8.2	28.5	40.5
990-345	600A-13/16	13/16	292	13.7	9.0	30.5	45.0
990-346	600A-7/8	7/8	304	13.7	9.5	32.8	47.0
990-347	600A-15/16	15/16	328	14.7	9.2	35.2	51.0
990-348	600A-1	1	354	15.4	10.0	38.5	55.0
990-350	600A-1-1/8	1-1/8	380	16.0	11.0	40.5	59.0
990-351	600A-1-1/4	1-1/4	420	17.7	13.0	47.0	67.8
990-352	600A-1-5/16	1-5/16	432	18.0	13.5	50.0	71.0
990-354	600A-1-1/2	1-1/2	460	19.3	14.0	52.0	75.0

*not according to DIN



Sizes 5.5 to 9 is box end with hexagon opening.

SPAENAUR No.	HAZET No.	mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm
*990-369	603-5.5	5.5	90	4.7	3.7	9.8	14.1
990-370	603-6	6	100	5.1	4.0	10.5	14.9
*990-371	603-7	7	110	5.5	4.3	12.2	16.8
990-372	603-8	8	120	5.9	4.5	13.1	18.3
990-373	603-9	9	130	6.3	4.5	14.6	21.0
990-374	603-10	10	137	6.7	5.0	15.6	23.0
990-375	603-11	11	145	7.1	5.2	17.1	25.0
990-376	603-12	12	152	7.6	5.4	18.4	26.8
990-377	603-13	13	160	8.0	5.6	19.9	28.8
990-378	603-14	14	170	8.5	5.8	21.4	30.7
990-379	603-15	15	180	9.0	6.0	22.5	32.6
990-380	603-16	16	190	9.5	6.2	24.0	34.6
990-381	603-17	17	200	10.0	6.4	25.5	36.5
990-382	603-18	18	210	10.5	6.7	26.9	38.6
990-383	603-19	19	220	11.0	7.0	28.4	40.6
990-385	603-21	21	240	12.0	7.6	30.7	44.8
990-386	603-22	22	250	12.5	7.9	32.2	46.8
990-388	603-24	24	270	13.5	8.5	35.1	51.0
990-391	603-27	27	305	15.0	9.3	38.5	57.3
990-394	603-30	30	340	16.0	10.0	42.7	63.4
990-395	603-32	32	360	17.0	10.5	45.5	67.2

Combination Box and Open-End Wrenches

DIN 3113, Form B

Chrome-Vanadium **Chrome-Plated Bright Heads**

Slender and thin-walled, box end is offset through 10°, equal openings at both ends.

Matte Chrome-Plated

990-328	600N-46	46	520	24.0	15.0	69.0	95.0
990-330	600N-55	55	610	28.0	18.0	84.5	113.0
*990-332	600N-65	65	710	33.0	22.0	98.0	133.0
990-333	600N-70	70	760	35.0	24.0	105.0	143.0
*990-334	600N-75	75	810	38.0	26.0	110.0	153.0
*990-335	600N-80	80	860	41.0	28.0	119.0	163.0

*not according to DIN

Closed / Open End Wrenches

Clés fermées / ouvertes



Metric

Métrique

Double-Hex Box Wrenches

DIN 837, Form B, Straight Pattern
ISO 3318/1085

Chrome-Vanadium



Chrome-Plated
Bright Heads

New, modern design,
ergonomically shaped
(protected by design patent)

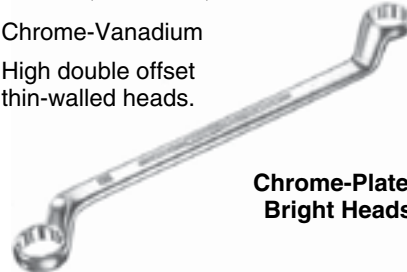
SPAENAUR No.	HAZET No.	mm	L mm	a mm	b1 mm	b2 mm
990-457	610N-8 x 9	8 x 9	113.3	5.2	12.3	13.6
990-458	610N-10 x 11	10 x 11	125.3	6.0	14.9	16.2
990-459	610N-12 x 13	12 x 13	139.0	6.2	17.8	18.9
990-460	610N-14 x 15	14 x 15	154.5	7.0	20.2	21.5
990-461	610N-16 x 17	16 x 17	170.0	7.5	22.7	24.1
990-462	610N-18 x 19	18 x 19	188.6	8.5	26.0	27.0
990-463	610N-20 x 22	20 x 22	208.8	9.0	28.4	30.4
990-464	610N-21 x 23	21 x 23	232.3	10.0	29.8	32.7
990-465	610N-24 x 26	24 x 26	254.0	11.0	34.1	37.0
990-466	610N-25 x 28	25 x 28	280.1	11.5	35.5	39.8
990-467	610N-27 x 32	27 x 32	308.7	13.5	38.9	45.4

Double-Hex Box Wrenches

DIN 838, ISO 1085, ISO/DIS 3318

Chrome-Vanadium

High double offset
thin-walled heads.



Chrome-Plated
Bright Heads



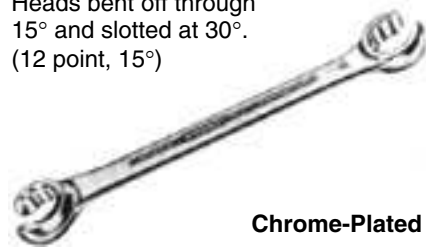
SPAENAUR No.	HAZET No.	mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm	h mm
*990-536	630-6 x 7	6 x 7	165	6.0	6.5	10.5	12.2	18.0
*990-537	630-8 x 9	8 x 9	180	7.0	7.5	13.1	14.6	20.5
*990-538	630-8 x 10	8 x 10	180	7.0	8.0	13.1	15.6	20.5
990-539	630-10 x 11	10 x 11	200	8.0	9.0	15.6	17.1	23.5
990-541	630-12 x 13	12 x 13	220	9.0	9.5	18.4	19.9	25.0
990-545	630-14 x 15	14 x 15	240	10.0	10.5	21.4	22.5	27.0
990-546	630-16 x 17	16 x 17	255	11.0	11.3	24.0	25.5	29.0
990-548	630-17 x 19	17 x 19	265	11.3	11.9	25.5	28.4	29.0
990-549	630-18 x 19	18 x 19	275	11.6	11.9	26.9	28.4	31.0
990-552	630-20 x 22	20 x 22	295	12.2	12.9	29.3	32.2	32.5
990-553	630-21 x 23	21 x 23	315	12.5	13.2	30.7	33.6	34.0
990-555	630-24 x 26	24 x 26	330	13.5	14.1	35.1	37.1	34.0
990-556	630-24 x 27	24 x 27	340	13.5	14.4	35.1	38.5	35.0
990-558	630-25 x 28	25 x 28	350	13.8	14.7	36.5	39.9	35.0
990-561	630-27 x 32	27 x 32	365	14.4	16.0	38.5	45.5	36.5
990-562	630-30 x 32	30 x 32	365	15.4	16.0	42.7	45.5	36.5
*990-564	630-36 x 41	36 x 41	440	17.2	18.8	51.3	58.2	40.0

*not according to DIN

Flare Nut Wrenches

Chrome-Vanadium

For cap nuts and screws in
tube couplings.
Heads bent off through
15° and slotted at 30°.
(12 point, 15°)



Chrome-Plated

Sizes **17 x 19 - 22 x 24** are DIN 3118E
Sizes **8 x 10 - 12 x 14** are with hexagon opening

990-473	612-8 x 10	8 x 10	140	7.0	8.0	18	20
990-475	612-10 x 11	10 x 11	147	8.0	8.7	20	22
990-476	612-11 x 13	11 x 13	160	8.7	9.8	22	26
990-477	612-12 x 14	12 x 14	168	9.2	10.3	24	28
990-478	612-13 x 15	13 x 15	182	9.8	10.9	26	29
990-481	612-17 x 19	17 x 19	208	12.0	13.2	30	32
990-482	612-19 x 22	19 x 22	222	13.2	15.0	32	38
990-484	612-24 x 27	24 x 27	260	16.2	18.0	42	46
990-485	612-30 x 32	30 x 32	300	21.0	23.0	50	52

Double-Hex Starter
and Block Wrenches

Chrome-Vanadium



Chrome-Plated
Bright Heads



SPAENAUR No.	HAZET No.	mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm
990-494	615-13 x 15	13 x 15	185	7.5	8.0	21	23
990-496	615-14 x 17	14 x 17	185	8.0	9.0	22	25
990-498	615-19 x 22	19 x 22	235	12.0	13.0	28	32

N

N6

Inch and **Metric**
Pouce et **Métrique**



Closed End Wrench Set / Closed End Wrenches

Clé à fourche fermée / clés à fourche

Double-Hex Box Wrench Sets

DIN 838, ISO 1085, ISO/DIS 3318



Sets in coloured HAZET cardboard boxes.

High Double Offset Heads

SPAENAUR No. (HAZET No.)	Wrench sizes in each Set.				
	Metric Sizes				
990-591 (630/8)	6 x 7 16 x 17	8 x 9 18 x 19	10 x 11 20 x 22	12 x 13	14 x 15

Double-Hex Box Wrenches

ISO 1085, ISO/DIS 3318

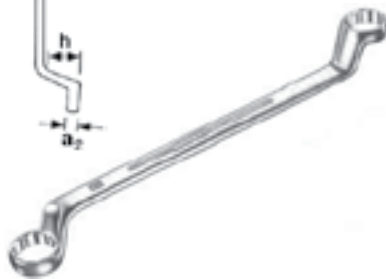
Chrome-Vanadium

Inch Sizes

High double offset,
thin-walled
heads.



**Chrome-Plated
Bright Heads**



SPAENAUR No.	HAZET No.	Inch	L mm	a1 mm	a2 mm	b1 mm	b2 mm	h mm
990-568	630A-1/4 x 5/16	1/4 x 5/16	170	6.6	7.0	12.2	13.1	19.5
990-569	630A-3/8 x 7/16	3/8 x 7/16	200	8.0	9.0	15.6	17.1	23.5
990-571	630A-1/2 x 9/16	1/2 x 9/16	230	9.5	10.5	19.9	22.5	26.0
*990-573	630A-19/32 x 11/16	19/32 x 11/16	255	10.8	11.5	22.7	26.5	29.0
990-574	630A-5/8 x 11/16	5/8 x 11/16	255	11.0	11.6	24.0	26.9	29.0
990-575	630A-5/8 x 3/4	5/8 x 3/4	265	11.0	11.9	24.0	28.4	29.0
*990-576	630A-3/4 x 25/32	3/4 x 25/32	285	11.9	12.2	28.4	29.3	32.5
990-578	630A-3/4 x 7/8	3/4 x 7/8	295	11.9	12.9	28.4	32.2	32.5
*990-579	630A-25/32 x 13/16	25/32 x 13/16	295	12.2	12.5	29.3	30.2	32.5
990-580	630A-13/16 x 7/8	13/16 x 7/8	315	12.5	13.2	30.7	33.6	34.0
990-581	630A-7/8 x 15/16	7/8 x 15/16	315	12.9	13.5	32.2	35.1	34.0
990-582	630A-15/16 x 1	15/16 x 1	330	13.5	14.1	35.1	37.1	34.0
990-583	630A-1 x 1-1/8	1 x 1-1/8	350	14.1	15.6	36.3	42.1	36.5

*not according to ISO standards
Sizes to 3-1/8 available

WISE-GRIP

See a wide range of Vise-Grip product on Page P94



Box Wrenches / Adjustable Wrenches / Accessories

Clés fermées / Clés réglables / Accessoires



Inch and Metric
Pouce et Métrique

Heavy Duty Box Wrenches

Chrome-Vanadium
Chrome-Plated



Extra heavy pattern, offset type, without Tubular Handles.

SPAENAUR No.	HAZET No.	mm	L ₁ mm	L ₂ mm	a mm	b mm
990-616	640-46	46	280	912	23.0	69.0
990-617	640-50	50	290	922	25.5	76.0
990-618	640-55	55	300	925	28.0	81.0
990-619	640-60	60	345	1039	30.5	90.0
990-620	640-65	65	355	1049	33.0	98.0
990-621	640-70	70	365	1059	35.5	105.0
990-622	640-75	75	375	1069	38.0	110.0
990-623	640-80	80	385	1075	40.5	125.0
990-624	640-85	85	385	1076	40.5	125.0
990-625	640-90	90	410	1100	45.0	140.0
990-626	640-95	95	410	1100	45.0	140.0
990-627	640-100	100	412	1103	45.0	143.0

Inch Sizes

876-1187	—	1-3/8	245	735	20.0	54.0
876-1170	—	1-1/2	250	740	22.0	56.0
876-1171	—	1-11/16	265	750	22.0	62.0
876-1172	—	1-3/4	280	910	23.0	69.0
876-1173	—	1-7/8	280	910	23.0	69.0
876-1174	—	2	290	920	25.5	76.0
876-1175	—	2-1/8	300	925	28.0	81.0

Tubular Handles
Chrome-Plated

Hard ST 35 steel pipe, for Heavy Duty Box Wrenches.



SPAENAUR No.	HAZET No.	mm	Inch	L mm
990-648	640-4655	46 - 55	1-13/16 - 2-3/16	760

Box Wrenches Striking Face Pattern

DIN 7444
Steel Grey



Special steel withstand extreme impact loads.

SPAENAUR No.	HAZET No.	mm	L mm	a mm	b mm
990-651	642-27	27	180	16	46
990-652	642-30	30	190	17	52
990-653	642-32	32	190	17	52
990-654	642-36	36	205	18	58
990-655	642-41	41	230	20	66
990-656	642-46	46	240	22	74
990-657	642-50	50	255	24	80
990-658	642-55	55	270	25	86
990-659	642-60	60	280	26	93
990-660	642-65	65	300	30	102
990-661	642-70	70	330	33	110
990-662	642-75	75	330	33	110
990-663	642-80	80	360	36	126
990-664	642-85	85	360	36	126
990-665	642-90	90	390	40	142
990-666	642-95	95	390	40	142
990-667	642-100	100	420	45	155

Available up to 220 mm and 8-1/2 inch sizes.

Adjustable Wrenches with scale

DIN 3117, Form A, ISO 6787
Chrome-Vanadium



Head set at 15°

Phosphatized
Head Polished



SPAENAUR No.	HAZET No.	L		sb Jaw Capacity mm
		mm	inch	
990-090	279-6	160	6-1/4"	20
990-091	279-8	205	8"	24
990-092	279-10	255	10"	29
990-093	279-12	308	12"	34

Matte Chrome-Plated, Head Polished

990-094	279 V-6	160	6-1/4"	20
990-095	279 V-8	205	8"	24
990-096	279 V-10	255	10"	29
990-097	279 V-12	308	12"	34

Head set at 22.5° DIN 3117, Form B, ISO 6787
Phosphatized, Head Polished Special Steel

990-098	279-4	109	4-1/2"	13
990-099	279-15	382	15"	44
990-100	279-18	458	18"	53

Matte Chrome-Plated, Head Polished

990-101	279V-4	109	4-1/2"	13
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Inch and Metric
Pouce et Métrique



Drive Tool/Glow Plug /Ratchet/Oil Pan Wrench
Outil d'entraînement/Bougie de préchauffage/Clé à rochet/Clé pour carter d'huile

Screwdriver Bit-Holder

For manual operation, short pattern
With trinamic®-magazine handle, black (protected by design patent).
With swivel cap and retainer magnet.
1/4" ● drive, without bits.
No loosening of cap during operation.



SPAENAUR No.	HAZET No.	L ₁ mm	L ₂ mm	d ₁ mm
992-683	2261	17	90	10

3/8" Drive Glow Plug Wrench Special for VW Audi



SPAENAUR No.	HAZET No.	inch	inch	L mm
992-723	2530	3/8	10	140

Reversible Ratchet

Chrome-Plated Polished

Chrome-Vanadium
With trinamic®-handle (protected by design patent)
Plastic, black
For taking Screwdriver Bits with 1/4" ● drive.



SPAENAUR No.	HAZET No.	L mm
992-689	2264	115

For taking Screwdriver Bits with 5/16" ● drive.

993-850	2264-1	200
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Adapters

Chrome-Vanadium
For sockets
□ drive according DIN 3120

Burnished

For Bit-Holder 992-678, 992-679, 992-683 to -685 and Reversible Ratchet 992-689.

1/4" ● drive
According DIN 3126, Form C

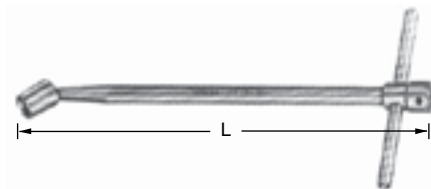


SPAENAUR No.	HAZET No.	inch	inch	L mm
992-696	2304	1/4	1/4	25

Socket Wrench

3/8 inch

Chrome-Vanadium
With universal joint, T-handle and 3/8" inside square drive.
Especially for installing/tightening the oil pan on VW with transverse positioned engine, e.g. Golf/Rabbit, Jetta, Scirocco



SPAENAUR No.	HAZET No.	mm	L mm
992-721	2528-10	10	250

Chrome-Plated

CATALOG 14 SPAENAUR