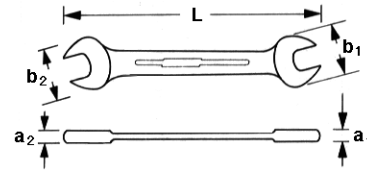


Double Open-End Wrenches

Long and Slender Pattern
DIN 3110, ISO 3318/1085



Chrome-Vanadium
Chrome-Plated

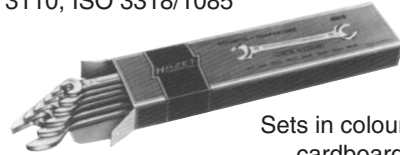


SPAENAUR No.	HAZET No.	mm	L mm	a ₁ a ₂ mm	b ₁ mm	b ₂ mm
990-203+	450-4 x 5*	4 x 5	100	3,4	11,6	13,7
990-204+	450-5 x 5,5*	5 x 5,5	100	3,5	13,6	15,3
990-205+	450-5,5 x 7*	5,5 x 7	122	3,8	15,3	18,6
990-206+	450-6 x 7	6 x 7	121,5	3,5	15,3	17,2
990-207+	450-7 x 8	7 x 8	130,5	3,8	17,3	18,7
990-208+	450-8 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
990-212+	450-11 x 13	11 x 13	173,3	5,1	25,1	29,8
990-213+	450-12 x 13	12 x 13	172,8	5,1	27,3	29,3
990-214+	450-13 x 14	13 x 14	189	5,7	30,1	31,0
990-215+	450-13 x 15	13 x 15	189	5,7	30,1	33,0
990-216	450-13 x 16	13 x 16	205,5	5,8	30,7	34,6
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
990-224	450-18 x 21	18 x 21	238,1	6,7	38,8	44,9
990-225	450-19 x 22	19 x 22	239,1	7,0	41,8	47,0
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
990-229	450-21 x 24	21 x 24	253,7	7,0	44,9	51,0
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
990-234+	450-27 x 30	27 x 30	304,3	9,0	59,9	66,8
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
990-237+	450-30 x 34	30 x 34	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

* not according to DIN + Matte Finish

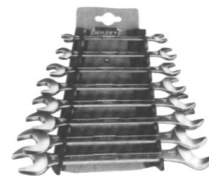
Double Open-End Wrench Sets

DIN 3110, ISO 3318/1085



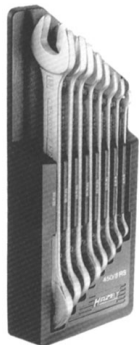
Sets in coloured HAZET cardboard boxes.

SPAENAUR No. (Hazet No.)	Wrench Sizes (Metric) in each Set.			
990-245 (450/7)	6 x 7 14 x 15	8 x 9 17 x 19	10 x 11 20 x 22	12 x 13
990-246 (450N/8)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 21 x 22
990-248 (450/10)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22
990-250 (450/12)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 26 25 x 28 27 x 32
990-251 (450/12N)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 27 25 x 28 30 x 32
990-252 (450/13)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 26 25 x 28 27 x 32 36 x 41



Sets in plastic wall brackets

990-256 (450/8H)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22
990-257 (450/12H)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 26 25 x 28 27 x 32



Double Open-End Wrenches

DIN 3110, ISO 3318/1085

Sets in "Remscheid"- Clip, new, modern design, black plastic material.

DBGM and protected by design patent.

Also suitable for wall fixation.

In coloured HAZET cardboard boxes.

SPAENAUR No. (Hazet No.)	Wrench Sizes (Metric) in each Set.			
990-253 (450/8 RS)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22
990-254 (450/12 RS)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 26 25 x 28 27 x 32
990-255 (450/12N RS)	6 x 7 14 x 15	8 x 9 16 x 17	10 x 11 18 x 19	12 x 13 20 x 22 21 x 23 24 x 27 25 x 28 30 x 32