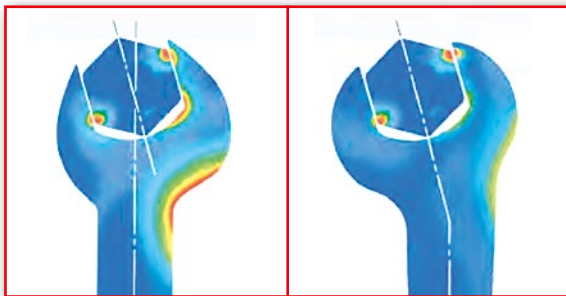


# COMBINATION WRENCHES



EGA Master manufactures a comprehensive range of spanners including: Mastergear, combination, open ended, etc.

Made in Chrome Vanadium steel, they easily reach even the most demanding quality standards for resistance.



Load zones for conventional open ended spanner.

Load zones for EGA Master open ended spanner.

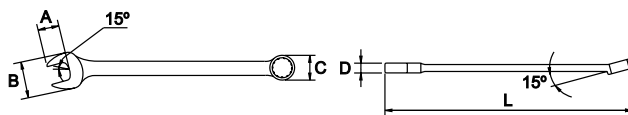


Available in mm and inch



1. For easy and convenient nut and screw tightening.

## COMBINATION WRENCHES MM



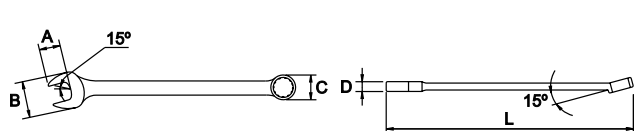
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
63965	3,2	70		11	10		8,0		
63966	4	65	3,7	8,5	8,0		9,0		
67880	4,5	70	4,0	9,0	8,5	3,0	10		
63967	5	80	4,5	11	9,0				
67881	5,5			14	11		16		
61725	6	100	7,0			3,3		10	●
61726	7	110		16	12	3,6	20		
61727	8	120		18	13	4,5	25		
61728	9	130	10	19	15	5,0	30		
61729	10	140	11	21	17		38		
61730	11	160	12	23	18	5,5	45		

B Mirror polished chrome plating

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
61731	12		14	25	19		52			
61732	13	160	15	27	20		70			
61733	14	180		29	21	6,5	75			
61734	15	190	16	32	23		90			
61735	16	200		33	24					
61736	17		18	35		7,5	110		10	
61737	18	210		38	26		135			
61738	19	230	21	39	29		160			
61739	20	240	23	41	30		180			
61740	21	250	24	46	31	8,0	210			
61741	22		25		33		220			
61742	23	260		48			260			
61743	24	280	26	49	35		280			
61744	25			50	36		290			
61745	26	300	29		37	9,0	360			
61746	27	330		55	41	10	420			
61747	28		32	60			450		5	
61748	29				42	11	500			
61749	30	340	33	65	43		550			B
62730	31		32,5	60,5	43,5	10,2	488			
61750	32	350		65	47	11				
57062	33	360	34	70	49		600			
60951	34	385		75	52	14				
57063	35	380	35				650			
60952	36	405	36	80	55	15	900			
57064	37	400		75	60	14	800			
60953	38	410	38	83	58	16	1000			
67895	40									
60954	41	450	41	88	63	17	1300			
57065	42	440	42	85	60		1200		1	-
57066	44			90	65	16	1500			
60955	46	500	46	96	70	18	1800			
57067	48	530	48	100	75		2200			
60956	50	535	50		76	19	2300			
67882	55	600	60		80		3000			
67883	60	650	65	115	90	21	3550			
67884	65	700	70	125	95	23	3800			





DIN 3113

## COMBINATION WRENCHES INCH



COD.	AF Inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
58169	1/8	70	3,7	11						
67953	3/16									
67954	7/32	95	5,0		9,0	3,0	8,0			
61653	15/64			14						
60340	1/4	100	6,5			3,8	16	10		A
67885	9/32	110	7	20	12,5	4	17			
60341	5/16	120	9,0	17	12	4,5	25			
67878	11/32	130	10	19	15	5,5	28			

B Mirror polished chrome plating  
A Aerspatial chrome plating


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
60342	3/8	140	11	26	16	5,5	38		
58460	13/32	142,5	10	27	17	5			
60343	7/16	170	14	26	20	6,0	45		
58461	15/32	162,5	12	32	20	5,5	58		
60344	1/2	180	15	29	21		70		
58462	17/32	182,5	14	35	23	6,5	76		
60345	9/16	180		29	21	7,0	75		
60346	19/32	190	16	31	23		90	10	
60347	5/8	200		32	25	7,5			
58463	21/32	212,5	17	42	27	8	126		
60348	11/16	220	19	37	28	8,0	130		
58464	23/32	222,5	18	44	28,5	9	138		
60349	3/4	220	20	37	28		160		
60350	25/32	240	22	41	31	8,0	180		
60351	13/16	250	23	43	32	8,5	210		
58465	27/32	252,5	21	50	33,5	10			
60352	7/8	280	24	48	35	8,5	220	5	
58466	29/32	272,5	23	56	38	12	244	10	
60353	15/16	290	26	50	36	8,5	280	5	
58467	31/32	292,5	25	58	40	12	321	10	
60354	1	290	27	50	38		300		A
60355	1.1/16	310	29	55	39	9,0	420		
60356	1.1/8				42	10	450	5	
60357	1.3/16	360	33	60	43		500		
60358	1.1/4	390	34		45	11			
60957	1.5/16	380		65	51	13	600		
60958	1.3/8		36						
60961	1.7/16	405		80	55	15	900		
60959	1.1/2	407	38	83	58				
67840	1.9/16	410	39	80	60	16	1000		
60962	1.5/8	446		88	63				
67841	1.11/16	450	41	90	65	17	1300		
60897	1.3/4								
60898	1.13/16	500	46	96	70	18	1800	1	
60899	1.7/8								
67842	1.15/16	550			75				
60960	2	535	50		76	19	2300		
60905	2.3/16			105			2200		
61099	2.1/4	600	55		80	20	2800		
67955	2.3/8	650	60	115	90	21	2900		
67956	2.1/2	700	65	125	95	23	2300		

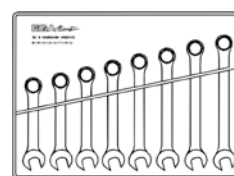
DIN 3113

TECHNICAL SPECIFICATIONS	
MATERIAL	Chrome Vanadium Steel
HARDNESS	44 - 50 HRc.
FINISHING	A Aerspatial chrome plating B Mirror polished chrome plating


**SETS**

**MM**

COD.	PCS.		COD. PCS.	(mm)
69262	6	90080	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69263	8	90081	61727, 61729, 61731, 61732, 61733, 61736, 61738, 61741	8, 10, 12, 13, 14, 17, 19, 22
69277	10	90082	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69278	12	90083	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
68514	13	90060	61725, 61727, 61729, 61730, 61732, 61733, 61734, 61736, 61738, 61739, 61741, 61743, 61744	6, 8, 10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25
69265	B 14	90063	61729, 61730, 61731, 61733, 61735, 61736, 61738, 61739, 61741, 61743, 61744, 61746, 61747, 61750	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 28, 32
69796			61729, 61730, 61731, 61733, 61735, 61736, 61738, 61739, 61741, 61743, 61744, 61746, 61749, 61750	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 30, 32
68522	15	90061	61729, 61730, 61732, 61733, 61734, 61736, 61738, 61739, 61741, 61743, 61746, 61748, 61749, 61750, 61744	10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32
69279	17	90064	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
69556			61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741, 61743	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
69280	26	90065	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741, 61742, 61743, 61744, 61745, 61746, 61747, 61748, 61749, 61750	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32



**INCH**

COD.	PCS.		COD. PCS.	(inch)
69330	6	90080	60342, 60343, 60344, 60345, 60347, 60349	3/8, 7/16, 1/2, 9/16, 5/8, 3/4
69331	8	90081	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
69332	10	90082	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60354	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1
69333	12	90083	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
68502	A 13	90060	60340, 60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
69334			60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354, 60355, 60356, 60358	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4
68505	15	90061	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354, 60355, 60356, 60357, 60358	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4
69335	17	90064	60340, 60341, 60342, 60343, 60344, 60345, 60346, 60347, 60348, 60349, 60350, 60351, 60352, 60353, 60354, 60355, 60356	1/4, 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

**SETS**

**MM**

COD.	PCS.	COD. PCS.	(mm)
68457	6	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69450	8	61727, 61728, 61729, 61730, 61731, 61733, 61736, 61738	8, 9, 10, 11, 12, 14, 17, 19
68456	B 10	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69451		61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17



B Mirror polished chrome plating  
A Aerspatial chrome plating

■ INCH

COD.	PCS.	COD. PCS.	(inch)
<b>68469</b>	6	60342, 60343, 60344, 60345, 60347, 60349	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4
<b>69454</b>	8	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349	5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4
<b>68470</b>	10	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60354	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1
<b>69455</b>	12	60341, 60342, 60343, 60344, 60345, 60348, 60347, 60349, 60351, 60352, 60353, 60354	5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1

DISPLAYS

■ 165 PCS.

■ MM

COD.	PCS.
<b>55656</b>	B 165
PCS.	COD. PCS.
20	61727 8 mm
	61729 10 mm
	61730 11 mm
	61731 12 mm
	61732 13 mm
15	61733 14 mm
14	61734 15 mm
13	61735 16 mm
12	61736 17 mm
11	61738 19 mm



■ 162 PCS.

■ INCH

COD.	PCS.
<b>55657</b>	A 162
PCS.	COD. PCS.
20	60342 3/8"
	60343 7/16"
	60344 1/2"
	60345 9/16"
17	60347 5/8"
15	60348 11/16"
	60349 3/4"
13	60351 13/16"
12	60352 7/8"
10	60354 1"



**B** Mirror polished chrome plating  
**A** Aerospace chrome plating