

# PHOSPHATE WRENCHES



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

Phosphate wrenches made of special steel easily support even the most demanding quality standards for resistance.

**Easy to use!**



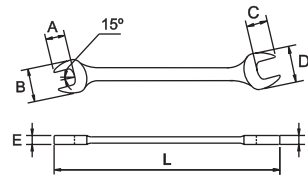
**1.** Phosphate wrenches made of special steel according to the standards: DIN 895, ISO 3318, ISO 1085 in the case of open end jaw and DIN 894, ISO 3318 in single ended open jaw.

**2.** Ideal for tightening and loosening screws or nuts with square and hexagonal heads.

**3.** Its phosphate finishing prevents corrosion and works as anti-friction treatment.

**4.** With a hardness of 44-50 HRC.

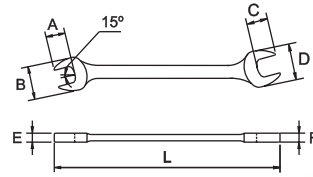
OPEN-END



COD	AF	L	A	B	C	D	E	F	gr.	10	1
60800	6-7mm	95	6,5	14	7,5	16	3,2	3,5	20		
60801	7-8mm	100	8,5	17	8,5	19	4,0	3,8	23		
60802	8-9mm	105	8,5	18	9,0	20		4,0	32		
60803	8-10mm	115	9,0	18	10	21	4,5	4,5	30		
60804	9-11mm	125		19	12	23			35		
60805	10-11mm		11	21		26	5,0	5,0			
60806	10-12mm	130		22	13				40		
60807	10-13mm					28					
60808	11-13mm	135		25			5,5	5,5	50		
60809	12-13mm		12		14				45	10	1
60810	12-14mm	140		27		31			55		
60811	13-14mm				15			6,0	70		
60812	13-15mm	150		28							
60813	13-16mm		14		16	34	6,0		75		
60814	14-15mm			29				6,5	80		
60815	13-17mm	155			18	35			85		
60816	14-17mm			33			6,5		110		
60817	16-17mm	160		34					135		
60818	16-18mm		16		19	36		7,5	130		
60819	17-19mm			35		20	7,0				
60820	18-19mm	170				38					

DIN 895, ISO 3318, ISO 1085

OPEN-END



COD	AF	L (mm)	A	B	C	D	E	F	or	or	or
60821	18-21mm	180	18	36		39		7,0	140	10	
60822	17-22mm					44					
60823	19-22mm	190		37	22	45	8,0	8,0	170		
60824	20-22mm	195	19	38					165		
60825	19-24mm	210	20	39		46	8,5	8,5	180		
60826	21-23mm		22		23	48					
60827	21-24mm	220	23	44	24	49		9,0	200		
60828	22-24mm					50	9,0				
60829	22-27mm	240	24	48	25	55	9,5		240	5	1
60830	24-27mm			49	26				260		
60831	25-28mm	250	25	50	28	60	10	10	350		
60832	24-30mm	260			29				340		
60833	27-30mm		26	55							
60834	27-32mm	270			30	65	11	11	400		
60835	30-32mm		28	60	32			12	450		
60836	30-34mm	290	29		35	70	12	13	500		
60837	30-36mm	300			36				600		
60838	32-36mm		30	65	37	75			650		
60839	34-36mm	310	33	70	42	85	14	14	700		
60840	36-41mm	340	37	75	43	90	15	15	750		
60841	41-46mm	370	41	80	50	100		16	900	1	-
60842	46-50mm	400		90	55	110	16	18	1500		
60843	50-55mm	450	48	100		120	18	20	1600		
60799	55-60mm	495		110	70	140	23	23	2150		
60766	65-70mm	580	65	140	85	160	28	26	3550		
60769	75-80mm	660	85	170					5600		

DIN 895, ISO 3318, ISO 1085

OPEN-END SET MM

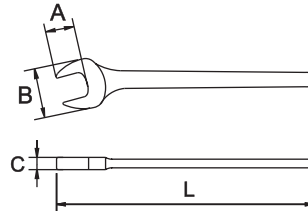
COD	UN.	
68585	8	8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 21-23, 22-24
68586	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32



TECHNICAL SPECIFICATIONS

MATERIAL	Special steel
GENERAL HARDNESS	44-50 HRc
FINISHING	Phosphate

**SINGLE ENDED OPEN JAW SPANNER**



COD	AF mm	AF inch.	L mm	A	B	C	gr		
60844	8mm	5/16"	90	7,0	17	3,8	15	10	1
60845	9mm	-	100	9,5	20	3,9	18		
60846	10mm	-	105	11	22	4,5	20		
60847	11mm	7/16"	110	12	23		23		
60848	12mm	-	125	13	25	5,5	27		
60849	13mm	-	130	14	28		37		
60850	14mm	9/16"	140		29	6,0			
60851	15mm	-	150	15			42		
60852	16mm	-	155	16	32				
60853	17mm	-	160	17	34	6,5	60		
60854	18mm	-	165	18	36				
60855	19mm	3/4"	170	20	39	7,5	75		
60856	21mm	-	180		43		100		
60857	22mm	7/8"	195	23	45	8,5	120		
60858	24mm	-	210		48	9,5	140		
60859	27mm	1.1/16"	240	27	55		180		
60860	30mm	1.3/16"	260	29	60	10	300		
60861	32mm	-	270	32	65	12	310		
60862	34mm	1.11/32"	280	33	70	13	400		
60863	36mm	-	300	37					
60864	38mm	1.1/2"	320	41	75	14	420		
60865	41mm	1.5/8"	340	42	85		550		
60866	46mm	1.13/16"	370	44	90	15	800		
60867	50mm	-	390	50	100	16	1050		
60868	55mm	-	440	55	110		1200		
60869	60mm	2.3/8"	470		120	17	1550		
60870	65mm	2.9/16"	500		130	18			
62984	70mm	2.3/4"	550	60	140	19	2250		
62985	75mm	-	600		150	20	2850		
62986	80mm	-			160	21	3600		
62987	85mm	-	650	70	170	22	3500		
62988	90mm	-		75	190	24	4800		
62989	95mm	-	750				4600		
63848	100mm	-		105	220		7700		
63849	105mm	-	1000			29	8000		

DIN 894, ISO 3318

**SINGLE ENDED OPEN JAW SPANNER SET MM**

COD	UN.	
68608	8	8, 10, 11, 12, 13, 14, 17, 19
68609	12	8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22



**TECHNICAL SPECIFICATIONS**

<b>MATERIAL</b>	Special steel
<b>GENERAL HARDNESS</b>	44-50 HRc
<b>FINISHING</b>	Phosphate