



CHAVES DE LUNETAS CROMO-VANADIO CROMADAS DIN 838



290

Double Ended Ring Spanner, Offset, DIN 838

ISO 3318, ISO 1085, ISO 10104
Chrome-Vanadium steel
chrome plated



Das Werkzeug

Art.-No.	Ømm	l- mm -l		
2906073	6x7	178	44	10
2907083	7x8	178	50	10
2908093	8x9	193	51	10
2908103	8x10	195	55	10
2909113	9x11	200	76	10
2910113	10x11	200	84	10
2910123	10x12	207	87	10
2910133	10x13	218	99	10
2911133	11x13	220	99	10
2912133	12x13	220	99	10
2912143	12x14	221	101	10
2913143	13x14	225	135	10
2913153	13x15	233	125	10
2913163	13x16	264	171	10
2913173	13x17	263	169	10
2914153	14x15	231	131	10
2914173	14x17	251	179	10
2916173	16x17	248	165	10
2916183	16x18	257	181	10
2917193	17x19	263	216	10
2918193	18x19	263	214	10
2918213	18x21	299	308	10

Art.-No.	Ømm	l- mm -l		
2919223	19x22	299	291	10
2919243	19x24	315	350	10
2920223	20x22	293	287	10
2921233	21x23	315	363	10
2921243	21x24	332	349	10
2922243	22x24	324	377	10
2922273	22x27	302	412	5
2924263	24x26	302	449	5
2924273	24x27	324	443	5
2924303	24x30	316	492	5
2925283	25x28	356	473	5
2927303	27x30	320	541	5
2927323	27x32	340	607	5
2930323	30x32	362	599	5
2930363	30x36	385	873	5
2932363	32x36	390	800	5
2936413	36x41	426	1198	5
2941463	41x46	508	1530	1
2946503	46x50	540	1900	1
2955603	55x60	625	3850	1
2965703	65x70	695	5300	1
2975803	75x80	775	7000	1

Für Zoll-Abmessungen sprechen
Sie uns bitte an.

Please ask us for A/F
inch patterns.

Doppelringschlüssel-Satz, gekröpft, DIN 838
Double Ended Ring Spanner Set, Offset, DIN 838

ISO 3318, ISO 1085, ISO 10104
Chrom-Vanadium Stahl
verchromt
im Karton

ISO 3318, ISO 1085, ISO 10104
Chrome-Vanadium steel
chrome plated
in cardboard box



290 K

Art.-No.	No.	Ømm		
2900013	290K/6	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17	700	1
2900103	290K/66	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 17 • 19 x 22	1182	1
2900023	290K/8	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22	1238	1
2900043	290K/010	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22 • 21 x 23 • 24 x 27	1914	1
2900053	290K/10	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22 • 24 x 27 • 30 x 32	2410	1
2900033	290K/12	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22 • 21 x 23 • 24 x 27 • 25 x 28 • 30 x 32	3260	1

290 RT

Doppelringschlüssel-Satz, gekröpft, DIN 838
Double Ended Ring Spanner Set, Offset, DIN 838

ISO 3318, ISO 1085, ISO 10104
Chrom-Vanadium Stahl
verchromt
in Rolltasche

ISO 3318, ISO 1085, ISO 10104
Chrome-Vanadium steel
chrome plated
in cardboard box



Art.-No.	No.	Ømm		
9001523	290RT/6	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17	1075	1
9001533	290RT/8	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22	1576	1
9003883	290RT/12	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22 • 21 x 23 • 24 x 27 • 25 x 28 • 30 x 32	3455	1

CHAVES DE LUNETAS DIREITAS



210 WGB
Double Ended Ring Spanner, straight, DIN 837 B

ISO 3318, ISO 1085
Chrom-Vanadium Stahl
verchromt

ISO 3318, ISO 1085
Chrome-Vanadium steel
chrome plated

Art.-No.	Ømm	l mm	W	H
2106073	6x7	96	11	10
2108093	8x9	111	17	10
2108103	8x10	116	17	10
2109113	9x11	229	25	10
2110113	10x11	124	23	10
2110133	10x13	259	26	10
2112133	12x13	141	35	10
2112143	12x14	142	34	10
2113143	13x14	153	43	10
2113153	13x15	155	43	10
2113173	13x17	168	61	10
2114153	14x15	160	51	10
2116173	16x17	168	60	10
2117193	17x19	186	88	10
2118193	18x19	184	70	10
2119223	19x22	202	115	10
2120223	20x22	203	118	10
2121233	21x23	229	134	10
2122243	22x24	229	126	10
2124273	24x27	249	184	10
2125283	25x28	260	187	10
2130323	30x32	318	333	10
2130363	30x36	330	373	3

Für Zoll-Abmessungen sprechen
Sie uns bitte an.

Please ask us for A/F inch
patterns.



No.	Ømm
210K/6	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17
210K/8	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22
210K/10	6 x 7 • 8 x 9 • 10 x 11 • 12 x 13 • 14 x 15 • 16 x 17 • 18 x 19 • 20 x 22 • 24 x 27 • 30 x 32

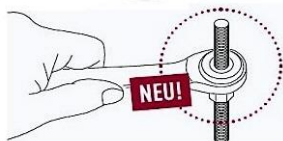


Double-Box Gear Wrench with Stopping

DIN ISO 691, DIN ISO 1711
Chrom-Vanadium steel
chrome plated
offset

reversible
72 teeth

295



Art.-No.	Ømm	l mm	W	H	Art.-No.	Ømm	l mm	W	H
2950893	8x9	130	59	10	29514153	14x15	190	143	
29510113	10x11	145	73	10	29516183	16x18	215	208	
29510133	10x13	150	73	10	29517193	17x19	235	237	
29512133	12x13	175	105	10					

CHAVE DE LUNETA ABERTA DIN 3118



Flare Nut Spanner, DIN 3118 A

240 WGB Chrom-Vanadium Stahl
chrome plated

Art.-No.	Ømm	l mm	W	H
2408093	8x9	140	40	10
2408103	8x10	141	41	10
2409113	9x11	150	57	10
2410113	10x11	151	57	10
2411133	11x13	171	93	10
2412143	12x14	171	98	10
2413153	13x15	172	96	10
2414163	14x16	190	122	10
2414173	14x17	198	122	10
2416183	16x18	198	160	10
2417193	17x19	209	154	10
2419223	19x22	220	219	5
2422243	22x24	228	250	5
2424273	24x27	253	328	5
2430323	30x32	275	434	5



Half Moon Ring Spanner

Chrom-Vanadium Stahl
chrome plated **WGB 675**

Art.-No.	Ømm	l mm	W	H
9224343	11x13	144	62	10
9202933	12x13	144	68	10
9202943	13x15	166	86	10
9202973	14x16	185	86	10
9202953	14x17	188	164	10
9202983	15x17	185	164	10
9202993	16x18	200	164	10
9202963	19x22	235	236	10



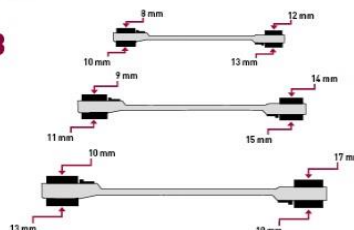
4 in 1 Double-Box Gear Wrench

DIN ISO 691, DIN ISO 1711
Chrom-Vanadium steel
chrome plated

straight
reversible
72 teeth

297

Art.-No.	Ømm	l mm	W	H
29708133	8 x 10 x 12 x 13	140	100	
29709153	9 x 11 x 14 x 15	180	150	
29710193	10 x 13 x 17 x 19	229	282	
29716193	14 x 17 x 18 x 19	240	290	



TORX**

COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
57718	6x8	113	9	11	4.5	5.5	20		
57719	7x11	127	12	16	6	7	29		
57720	10x12	142	14	17	6.5	8	31	10	•
57721	14x18	182	17	21	8	10	75		A
57722	16x22	204	19	26	9	12	115		
57723	20x24	224	25	29	11	13	160		



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



Slugging Ring Wrench, DIN 7444

Special Carbon steel
phosphated up to 75 mm,
grey finished from 80 mm

WGB 270



Deep Ring Spanner, straight, DIN 3111

Special Carbon steel
grey finished

WGB 280

Art.-No.	mm	mm		
2702204	22	164	231	5
2702404	24	155	238	5
2702704	27	180	285	5
2703004	30	190	360	5
2703204	32	191	361	5
2703404	34	191	480	5
2703604	36	200	510	5
2703804	38	220	650	5
2704104	41	226	666	5
2704604	44	234	913	5
2705004	50	249	1080	1
2705504	55	270	1260	1
2706004	60	281	1320	1
2706504	65	298	1600	1
2707004	70	327	2850	1
2707504	75	330	2800	1
2708007	80	356	3800	1
2708507	85	357	3600	1
2709007	90	386	5350	1
2709507	95	387	5250	1
2710007	100	420	6000	1
2710507	105	420	6150	1
2711007	110	450	7750	1
2711507	115	447	7450	1
2712007	120	475	12150	1
2712507	125	480	9550	1
2713007	130	520	12400	1
2713507	135	520	12100	1
2714007	140	520	12250	1
2714507	145	580	18100	1
2715007	150	580	18200	1
2715507	155	580	16100	1
2716007	160	580	18800	1
2716507	165	650	28500	1
2717007	170	650	27500	1
2717507	175	650	27000	1
2718007	180	650	26300	1
2718507	185	700	34000	1

Art.-No.	mm	mm		
2801407	14	137	56	10
2801707	17	152	79	10
2801907	19	167	100	10
2802207	22	189	160	10
2802407	24	214	199	10
2802707	27	230	255	10
2803007	30	252	315	10
2803207	32	263	325	10
2803607	36	292	479	5
2804107	41	328	721	5
2804607	46	362	919	5
2805007	50	388	1188	1
2805507	55	441	1628	1
2806007	60	473	1764	1
2806507	65	508	2200	1
2807007	70	555	2750	1
2807507	75	585	3250	1
2808007	80	620	3850	1
2808507	85	670	4400	1
2809007	90	700	5650	1
2809507	95	800	5800	1

Double Ended Ring Spanners

Chrom-Vanadium-Stahl
chrome plated

deep offset, DIN 83B



Art.-No.	Ø mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
M29145163	1/4 x 5/16	180	54	10				
M29516383	5/16 x 3/8	190	65	10				
M29387163	3/8 x 7/16	200	72	10				
M29716123	7/16 x 1/2	215	101	10				
M29129163	1/2 x 9/16	235	137	10				
M29916583	9/16 x 5/8	250	190	10				
M291932163	19/32 x 11/16	255	192	10				
M295811163	5/8 x 11/16	255	198	10				
M2958343	5/8 x 3/4	280	236	10				
M2934783	3/4 x 7/8	305	320	10				
M29131683	13/16 x 7/8	300	294	10				
M29151613	15/16 x 1	335	466	10				
M291161143	1.1/16 x 1.1/4	370	604	10				



1/4 x 5/16"	3/8 x 7/16"	1/2 x 9/16"	19/32 x 11/16"	5/8 x 3/4"	13/16 x 7/8"	19/16 x 1"	1.1/16 x 1.1/4"
M9007033							
M9001803							

Ø mm	L (mm)	Serie A Nm	A (mm)	B (mm)	C (mm)	D (mm)	gr.
1/4-5/16"	170	17,6-34,5	10	12	5,5	18	50
5/16-11/32"	180	34,5-45,4	13		6,0	17	55
5/16-3/8"	185	34,5-58,1		16	5,5	20	65
3/8-7/16"	200	58,1-72,7	14		7,0		85
7/16-1/2"	220	72,7-107	19	20		22	90
1/2-9/16"		107-128	21		9,0	24	100
9/16-5/8"	240	128-175	20	23		26	125
19/32-11/16"	260	150-230	24	25	10	27	130
5/8-11/16"		175-230		27			140
5/8-3/4"	290	175-261	26		13		165
11/16-3/4"		230-261		29			180
11/16-13/16"		230-330					
3/4-25/32"		261-294		30			240
3/4-7/8"		261-368	31		14		360
3/4-13/16"	320	261-330					380
13/16-7/8"		330-368	30	33			400
7/8-15/16"	330	368-408	34	37			440
7/8-1.1/16"	340	368-594					470
15/16-1"	320	408-496	38	41			
1-1.1/16"	340	496-594			15		
1-1.1/8"	350	496-647	43				600
1.1/16-1.1/8"		594-647		48			
1.1/16-1.1/4"	360	594-884	44				
1.1/8-1.1/4"	370	647-884		65	16		650

CHAVES DE 1 LUNETA EXTRA-FORTES



Chrom-Vanadium steel
chrome plated

WGB 250

Heavy Duty Ring Spanner, DIN ISO 691

Art.-No.	Ø mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
2502203	22	179	394	5	2504003	60	345	2250
2502403	24	179	390	5	2504503	65	355	2400
2502703	27	190	466	5	2507003	70	344	2800
2503003	30	200	514	5	2507503	75	370	3800
2503203	32	235	710	5	2508003	80	387	3850
2503603	36	244	786	5	2508503	85	390	4200
2504103	41	265	916	5	2509003	90	408	4550
2504403	46	280	1188	1	2509503	95	415	4950
2505003	50	289	1390	1	2510003	100	410	4800
2505503	55	300	1496	1	2510503	105	425	5000



für Aufsteck-Ringzugschlüssel Nr.250
Chrom-Vanadium Stahl
verchromt

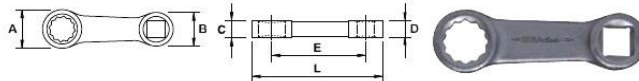
**Tubular Handle
260**

for heavy duty ring spanner No.250
Chrom-Vanadium steel
chrome plated

Art.-No.	No.	Ø mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)		
2600013	1	22-30	460	602	1	2600033	3	46-55	760	2150
2600023	2	32-41	610	920	1	2600043	4	60-105	860	2850

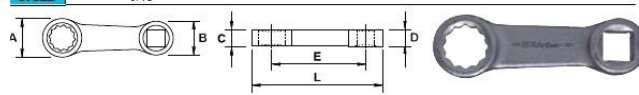
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg
64947	14	270	24	10	23	
64948	17	310	28	11	27	0,2
64949	19	330	32	12		
64950	22	350	35	13	31	0,3
64951	24	370	38		34	
64952	27	400	42	14	37	0,4
64953	30					
64954	32	430	50	16	43	0,6
64955	36	460	55	19	48	0,9
64956	41	490	65	20	55	1,1
64957	46	500	70	22		1,5
64958	50	550	75	26	60	1,8
64959	55		85			2,1
64960	60	600	90	28	65	2,5
64961	65					
64962	70	650	110	30		2,7
64963	75			34	70	3,5
64964	80		115	36		
64965	85	700	125	37		4,0
64966	90		135	39	75	
64967	95		140	41		
64968	100	750	145	42	80	6,0
64969	110		160	43		7,0

Chaves de luneta para controle de par



MM	L (mm)	AF mm	AF inch	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
57315	72,5	8	3/8	20	19	9	12	52	51	10		
57316		10										
57317		13		24		11,5			61			

INCH	L (mm)	AF inch	AF inch	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
57318	72,5	5/16	3/8	20	19	9	12	52	51	10		
57319		3/8										
57320		7/16										
57321		1/2		24		12			61			
57322		9/16										



SPLINE	L (mm)	AF inch	AF inch	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
57323	72,5	7/32	3/8	20	19	9	12	52	51	10		
57324		1/4										
57325		9/32										
57326		5/16										
57327		3/8	3/8	20	19	9	12	52	51	10		
57328		7/16										
57329		1/2										
57330		9/16		24		12			61			
57331		5/8										

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg
64970	3/4	330	32	12	31	0,2
64971	7/8	350	35	13		0,3
64972	15/16	370	38		34	
64973	1	400	42	14	37	0,4
64974	1.1/16					
64975	1.1/8					
64976	1.3/16	430	50	16	43	0,6
64977	1.1/4					
64978	1.5/16					
64979	1.3/8	460	55	19	48	0,9
64980	1.7/16					
64981	1.1/2					
64982	1.9/16	490	65	20	50	1,0
64983	1.5/8					
64984	1.11/16					
64985	1.3/4					
64986	1.13/16	500	70	22		1,5
64987	1.7/8				60	
64988	1.15/16					
64989	2	550	80	26		1,8