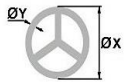

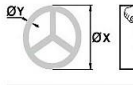





MM ■ LLAVE DE VÁLVULA / VALVE SPANNER / CLÉ POUR VALVE / CHIAVE A VALVOLA CHAVE DE VÁLVULA

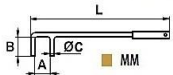




COD.	L (mm)	Ø x (mm)	Ø y (mm)	Kg	Icon
54972	550	125-250	≤ 35	1,4	1

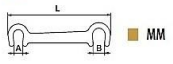

COD.	L (mm)	Ø x (inch)	Ø y (mm)	Kg	Icon
62803	210	2-7	≤ 12	0,2	1
62804	400	8-15	≤ 24	1,3	
62805	490	16-20	≤ 30	1,7	
62806	800			5,5	

GANCHO GIRADOR DE VÁLVULAS / VALVE WHEEL HOOK / FIXATION GIROITORE DE VALVE / GANCHO DE RODA VÁLVULAS

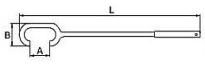

COD.	L (mm)	A (mm)	B (mm)	Ø C (mm)	Kg	Icon
54974	300	35	33	17	0,45	1
54975	350	45	40		0,5	
54976	400	50	45		0,8	
54977	450	55	50		1	
54978	500	60	55		1,2	
54979	550	65	60	18	1,4	
54980	600	70	65		1,5	
54981	650	75	70		1,6	
54982	700	80				
54983	750	85	75		2,3	
54984	800	90			2,4	
54985	850		85	20	2,5	
54986	900	95	90		2,6	
54987	950	100	95		2,8	
54988	1000				2,9	
54989	1200	105	100	25	5,5	

■ LLAVE EN "C" DOBLE / DOUBLE C WRENCH / CLÉ EN DOUBLE C / DOPPEL C SCHLÜSSEL / CHIAVE DOPPIA A C

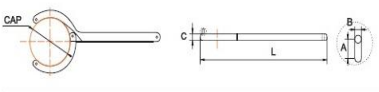




COD.	L (mm)	A (mm)	B (mm)	Icon	Kg	Icon
54992	200	14	18	14	18	0,4
54993	250	17	25	17	25	0,6
54994	450	25	34	25	34	2,3

■ LLAVE EN "C" / C WRENCH / CLÉ EN C / C SCHLÜSSEL / CHIAVE A C / CHAVE EM C

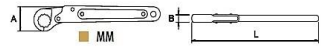




COD.	L (mm)	A (mm)	B (mm)	Kg	Icon
54997	450	40	55	1	1

COD.	L (mm)	CAP. Ø (mm)	A (mm)	B (mm)	C (mm)	Kg	Icon
54966	150	18-40	5	4	8	0,1	6
54967	220	40-80	7	5	10	0,3	
54968	300	80-125	8	6	12	0,6	
54969	410	125-200	10	8	14	1,6	



LLAVE DE CARRACA PARA RACORES / RATCHETING RING WRENCH / CHAVE LUNETA ABERTA COM ROQUETE

COD.	L (mm)	A (mm)	B (mm)	Kg	Icon	
65089	10			80	6	
65090	11			85		
65091	12	135	24	7,0		
65092	13			90		
65093	14			140		
65095	17	185	30	8,0		
65096	19		32	180		
65098	22	230	39	11		230
65099	24		49	13		320
65100	27	320	50	18		
65102	32					



COD. PCS. 90058 COD. 65089, 65090, 65091, 65092, 65093, 65095, 65096, 65098, 65099, 65100  
 (mm) 10, 11, 12, 13, 14, 17, 19, 22, 24, 27

LLAVE DE GANCHO ARTICULADA / ADJUSTABLE HOOK SPANNER / CLÉ À ERGOT ARTICULEE / CHAVE DE GANCHO ARTICULADA

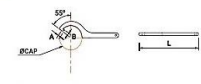

COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	C (mm)	Kg	Icon
67981	160	19-50	3/4-2		3,5	9	110	6
67982	205	32-75	1,1/4-3	4,0		11	225	
67983	290	50-120	2-4,3/4	4,5	4,0	12	450	
67984	310	115-170	4,1/2-6,3/4	5,0	4,5	13	580	

LLAVE DE GANCHO CON PIN ARTICULADA / ADJUSTABLE HOOK SPANNER WITH PIN / CHAVES DE UNHA ARTICULADA COM PIN

COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	C (mm)	Kg	Icon
58120	170	15-35	19/32-1,3/8			100		10
58121	200	35-50	1,3/8-2			180		
58122	280	50-80	2-3,3/4			380		
58123	345	80-120	3,3/4-4,11/16			660		
58124	490	120-150	4,11/16-5,7/8			1440		

■ LLAVE DE GANCHO / HOOK SPANNER / CLÉ À ERGOT / ECKZANGE / CHIAVE A SETTORE / CHAVE DE GANCHO

COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	Kg	Icon	
68283	110	12-14	1/2-9/16	1,8	1,8	16	6	
68284	120	16-20	5/8-25/32	2,3	2	20		
68285	120	25-28	1-1,1/8			2,3		40
68286	120	30-32	1,3/16-1,1/4			2,5		60
68287	120	34-36	1,5/16-1,13/32					90
68288	150	40-42	1,9/16-1,21/32			3		100
68289	180	45-50	1,3/4-2					150
68290	180	52-55	2,1/16-2,3/16	3	3,5	160		
68291	210	58-62	2,9/32-2,7/16	3,5	4	210		
68292	210	68-75	2,11/16-3			250		
68293	240	80-90	3,1/8-3,1/2			370		
68295	240	95-100	3,3/4-4			410		
68296	280	110-115	4,5/16-4,9/16	4	5	700		
68297	280	120-130	4,11/16-5,1/8			750		
68298	320	135-145	5,5/16-5,3/4			1050		
68299	320	150-165	5,7/8-6,1/2	6		1150		
57640	380	180-195	7,1/8-7,5/8		6	1800		
57641	380	205-220	8,1/8-8,5/8	14		1900		
57642	460	230-245	9,1/8-9,5/8			3530		
57643	460	260-270	10,1/4-10,5/8	16	8	3600		
57644	550	280-300	11,1/8-11,3/4		10	5430		

DIN 1810



mm | L Handle | Part N°

120~325

600

471-120-325

Fixed Hook Wrench



# 510

## STIRNLOCHSCHLÜSSEL ADJUSTABLE PIN WRENCH

verstellbar für Zweilochmuttern  
Chrom-Vanadium Stahl  
schwarz



for nuts with 2 holes  
Chrom-Vanadium steel  
black

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
S100021*	7-40	2	115	38	10
S100031	11-60	3	178	111	10
S100041	11-60	4	178	156	10

\* Spezial-Werkzeugstahl | schwarz

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
S100051	14-100	5	230	210	5
S100061	14-100	6	230	295	5
S100081	22-125	8	230	210	5

\* Special Carbon steel | black

# 515

## GELENN-HAKENSCHLÜSSEL HINGED HOOK WRENCH

DIN 1810 A  
mit Nase für Nutmuttern DIN 1804  
und Wälzlagermuttern DIN 981  
Spezial-Werkzeugstahl  
brüniert



DIN 1810 A  
with nose for slotted round nuts DIN 1804  
and bearing nuts DIN 981  
Special Carbon steel  
gun finished

Art.-No.	Größe Size	l mm	h mm	l mm
9219361	20-35	165	85	10
9219371	35-60	188	100	10
9215371	60-90	252	265	5

Art.-No.	Größe Size	l mm	h mm	l mm
9223331	90-155	265	445	1
9215381	155-230	383	1200	1

# 516

## GELENN-HAKENSCHLÜSSEL HINGED HOOK WRENCH

DIN 1810 B  
mit Zapfen für Kreuzlochmuttern DIN 1816  
Spezial-Werkzeugstahl  
brüniert



DIN 1810 B  
with pin for nuts with radial holes DIN 1816  
Special Carbon steel  
gun finished

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
9222851	22-35	2.9	165	97	10
9222861	35-60	4.0	205	170	10
9222871	60-90	5.5	280	380	10

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
9222881	95-155	6.0	335	610	10
9227721	165-230	9.5	385	1200	1

# 680

## HAKENSCHLÜSSEL HOOK WRENCH

DIN 1810 A  
mit Nase für Nutmuttern DIN 1804 und Wälzlagermuttern DIN 981  
Chrom-Vanadium Stahl  
brüniert



DIN 1810 A  
with nose for slotted round nuts DIN 1804 and bearing nuts DIN 981  
Chrom-Vanadium steel  
gun finished

Art.-No.	Größe Size	l mm	h mm	l mm
6800161	16-20	108	24	10
6800251	25-28	136	46	10
6800301	30-32	135	54	10
6800341	34-36	168	95	10
6800401	40-42	170	96	10
6800451	45-50	205	169	10
6800521	52-55	205	156	10
6800581	58-62	245	238	10
6800681	68-75	242	176	10

Art.-No.	Größe Size	l mm	h mm	l mm
6800801	80-90	280	425	5
6800951	95-100	280	390	5
6801101	110-115	335	608	5
6801201	120-130	332	741	5
6801351	135-145	385	1000	5
6801551	155-165	382	1224	1
6801801	180-195	463	1494	1
6802051	205-220	470	1488	1

# 681

## HAKENSCHLÜSSEL HOOK WRENCH

DIN 1810 B  
mit Zapfen für Kreuzlochmuttern DIN 1816  
Chrom-Vanadium Stahl  
brüniert



DIN 1810 B  
with pin for nuts with radial holes DIN 1816  
Chrom-Vanadium steel  
gun finished

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
9207921	12-14	2.0	110	25	10
9202231	16-18	2.5	109	22	10
9202241	20-22	2.5	109	21	10
9202251	25-28	3.0	135	47	10
9202261	30-32	4.0	135	53	10
9202271	34-36	4.0	170	88	10
9202281	40-42	4.0	170	99	10
9202291	45-50	5.0	206	176	10
9202301	52-55	5.0	206	175	10
9202311	58-62	5.0	243	236	10

Art.-No.	Größe Size	Ø Zapfen Pin	l mm	h mm	l mm
9202321	68-75	6.0	240	257	5
9202331	80-90	6.0	280	400	5
9202341	95-100	8.0	280	400	5
9202351	110-115	8.0	336	738	5
9202361	120-130	8.0	334	746	5
9202371	135-145	8.0	385	1265	5
9202381	155-165	8.0	380	1246	5
9202391	180-195	10.0	468	1580	1
9202401	205-220	10.0	467	1580	1