



**LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE  
DOPPEN / CHAVES DE CAIXA**



3/8"

3/8"MM

COD	C	gr.		
61343	8mm	20		
61344	9mm	20		
61345	10mm	26		
61346	11mm	26		
61347	12mm	28		
61348	13mm	28		
61349	14mm	28		
61350	15mm	30	10	1
61351	16mm	30		
61352	17mm	30		
61353	18mm	40		
61354	19mm	40		
61355	20mm	45		
61356	21mm	50		
61357	22mm	60		

Cr-V DIN 3124



3/8"INCH.

COD	C	gr.		
60440	5/16"	20		
60441	11/32"	20		
60442	3/8"	26		
60443	7/16"	26		
60444	1/2"	28		
60445	9/16"	28	10	1
60446	19/32"	30		
60447	5/8"	30		
60448	11/16"	30		
60449	3/4"	40		
60450	13/16"	45		
60451	7/8"	60		

Cr-V DIN 3124



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLE A CLIQUET / UMSCHALTKNARRE  
CHIAVE A CRICCO REVERSIBLE / RATEL MET OMKEERMECHANISME / ROQUETE REVERSIVEL

COD		gr.		
61429	3/8"	270	6	1

DIN 3122



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / T-GLEITGRIFF / ASTA CON QUADRO SCORREVOLO  
"T" WRINGSTAAF / CABO "T" CORREDIÇO

COD		gr.		
61439	3/8"	180	5	1

DIN 3122



ARTICULACION UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO  
DOP MET CARDANGEWICHT / CARDAN UNIVERSAL

COD		gr.		
61436	3/8"	80	10	1

DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / VERLENGSTUK / EXTENÇÃO

COD		gr.		
61447	5"	120	5	1
61450	10"	240		

DIN 3123



3/8" 17 PCS.



COD	C								Kg.
61959	8-10-12-13-14-15-17-19-21-22		5"						
61962	5/16"-3/8"-7/16"-1/2"-9/16"-19/32" 5/8"-11/16"-3/4"-13/16"-7/8"		10"						1,70



1/2"

1/2"MM

gr.	COD	A	C	COD	B	gr.
40	61800	8mm	61380	45		
45	61801	9mm	61381	45		
50	61802	10mm	61382	50		
50	61803	11mm	61383	50		
50	61804	12mm	61384	50		
55	61805	13mm	61385	50		
55	61806	14mm	61386	50		
55	61807	15mm	61387	55		
55	61808	16mm	61388	55		
70	61809	17mm	61389	60		
90	61810	18mm	61390	80		
80	61811	19mm	61391	60		
95	61812	20mm	61392	80		
90	61813	21mm	61393	75		
110	61814	22mm	61394	85		
105	61815	23mm	61395	105		
95	61816	24mm	61396	105		
125	61817	25mm	61397	130		
135	61818	26mm	61398	140		
145	61819	27mm	61399	150		
155	61820	28mm	61400	160		
160	61821	29mm	61401	170		
165	61822	30mm	61402	190		
180	61823	32mm	61403	205		

Cr-V DIN 3124

A =

B =



1/2"INCH.

gr.	COD	A	C	COD	B	gr.
40	60460	5/16"	60480	40		
45	60461	3/8"	60481	45		
50	60462	7/16"	60482	50		
50	60463	1/2"	60483	50		
55	60464	9/16"	60484	55		
55	60465	19/32"	60485	55		
55	60466	5/8"	60486	55		
70	60459	21/32"	60479	60		
70	60467	11/16"	60487	70		
80	60468	3/4"	60488	80		
95	60469	25/32"	60489	95		
95	60470	13/16"	60490	95		
110	60471	7/8"	60491	110		
115	60472	15/16"	60492	115		
125	60473	31/32"	60493	125		
135	60474	1"	60494	135		
145	60475	1.1/16"	60495	145		
155	60476	1.1/8"	60496	155		
165	60477	1.3/16"	60497	165		
180	60478	1.1/4"	60498	180		

Cr-V DIN 3124

A =

B =



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLE A CLIQUET / UMSCHALTKNARRE  
CHIAVE A CRICCO REVERSIBILE / RATEL MET OMKEERMECHANISME / ROQUETE REVERSIVEL

COD	gr.	6	1
A 61430	1/2"	490	1
B 61431	1/2"	560	1

DIN 3122



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / T-GLEITGRIF / ASTA CON QUADRO SCORREVOLO  
"T" WRINGSTAAF / CABO "T" CORREDIÇO

COD	gr.	5	1
61440	1/2"	160	1

DIN 3122



ARTICULACION UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO  
DOP MET CARDANGEWICHT / CARDAN UNIVERSAL

COD	gr.	10	1
61437	1/2"	140	1

DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / VERLENGSTUK / EXTENÇÃO

COD	1/2"	gr.	5	1
61453	3"	135	5	1
61455	5"	225	5	1
61458	10"	375	5	1

DIN 3123



BERBIQUÍ / SPEEDER HANDLE / VILLEBREQUIN / WINDE / LEVA GIROBECCHINO / OMSLAG / MANIVELA

COD	1/2"	gr.	5	1
61434	1/2"	570	5	1

DIN 3122



1/2" 26 PCS.

COD	C	5"	10"	Kg.
61960	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32	5"		
61963	5/16"-3/8"-7/16"-1/2"-9/16"-19/32"-5/8"-21/32"-11/16"-3/4"-25/32"-13/16"-7/8"-15/16"-31/32"-1"-1.1/16"-1.1/8"-1.3/16"-1.1/4"	10"		4,25



### EXPOSITORES / DISPLAYS / PRESENTOIRS / STÄNDER / ESPOSITORE / DISPLAY STAND

1/2" 233 PCS.

UN.	COD:65296	UN.	COD:65297
12	8mm	12	8mm
12	9mm	12	9mm
12	10mm	12	10mm
12	11mm	12	11mm
12	12mm	12	12mm
12	13mm	12	13mm
12	14mm	12	14mm
12	15mm	12	15mm
11	16mm	11	16mm
11	17mm	11	17mm
10	18mm	10	18mm
10	19mm	10	19mm
9	20mm	9	20mm
9	21mm	9	21mm
8	22mm	8	22mm
8	23mm	8	23mm
8	24mm	8	24mm
7	25mm	7	25mm
7	26mm	7	26mm
7	27mm	7	27mm
7	28mm	7	28mm
7	29mm	7	29mm
6	30mm	6	30mm
6	32mm	6	32mm

1/2" 236 PCS.

UN.	COD:65298	UN.	COD:65299
24	5/16"	24	5/16"
24	3/8"	24	3/8"
12	7/16"	12	7/16"
12	1/2"	12	1/2"
12	9/16"	12	9/16"
12	19/32"	12	19/32"
11	5/8"	11	5/8"
11	21/32"	11	21/32"
20	11/16"	20	11/16"
10	3/4"	10	3/4"
9	25/32"	9	25/32"
9	13/16"	9	13/16"
16	7/8"	16	7/8"
8	15/16"	8	15/16"
7	31/32"	7	31/32"
7	1"	7	1"
7	1.1/16"	7	1.1/16"
7	1.1/8"	7	1.1/8"
6	1.3/16"	6	1.3/16"
6	1.1/4"	6	1.1/4"



### 1/2" SERIE LARGA / LONG SERIE / SERIE LONGUE / LANGE FORM / SERIE LUNGA LANGE SERIE / SERIE LONGA

1/2"MM

COD	C	gr.	10	1
65044	10mm	90		
65045	11mm	90		
65046	12mm	90		
65047	13mm	90		
65048	14mm	90		
65049	15mm	90		
65050	16mm	90		
65051	17mm	100	10	1
65052	18mm	100		
65053	19mm	135		
65054	21mm	175		
65055	22mm	200		
65056	23mm	210		
65057	24mm	220		



Cr-V DIN 3124

1/2"INCH.

COD	C	gr.	10	1
65064	3/8"	90		
65065	7/16"	90		
65066	1/2"	90		
65067	9/16"	90		
65068	5/8"	90		
65069	11/16"	100	10	1
65070	3/4"	135		
65071	13/16"	175		
65072	7/8"	200		
65073	15/16"	220		



Cr-V DIN 3124

1/2" 34 PCS.

COD	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	10-11-12-13-14-15-16-17-18-19	16-21	3"-5"-10"	10"	Kg.
65074	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	10-11-12-13-14-15-16-17-18-19	16-21	3"-5"-10"		7
65075	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"	3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-3/16"-7/8"-15/16"	5/8"-13/16"	10"		7



### 3/4"

3/4"MM

COD	C	gr.		
60501	19mm	185		
60503	22mm	210		
60504	23mm	220		
60505	24mm	230		
60506	25mm	260		
60507	26mm	265		
60508	27mm	255		
60509	28mm	265		
60510	29mm	275		
60511	30mm	290		
60512	32mm	320	10	1
60514	34mm	340		
60515	35mm	435		
60516	36mm	430		
60517	38mm	460		
60519	41mm	575		
60520	42mm	560		
60521	46mm	750		
60522	50mm	835		
60523	55mm	1150		
60524	60mm	1180		

Cr-V DIN 3124



3/4"INCH.

COD	C	gr.		
60527	7/8"	200		
60528	15/16"	210		
60529	1"	250		
60530	1.1/16"	255		
60531	1.1/8"	255		
60532	1.1/4"	310		
60533	1.5/16"	325		
60534	1.3/8"	410	10	1
60535	1.7/16"	420		
60536	1.1/2"	460		
60537	1.5/8"	505		
60538	1.11/16"	570		
60539	1.13/16"	730		
60540	1.7/8"	760		
60541	2"	780		

Cr-V DIN 3124



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLE A CLIQUET / UMSCHALTKNARRE  
CHIAVE A CRICCO REVERSIBILE / RATEL MET OMKEERMECHANISME / ROQUETE REVERSIVEL

COD		gr.			DIN 3122
61863	3/4"	2260	6	1	



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / T-GLEITGRIFF / ASTA CON QUADRO SCORREVOLO  
"T" WRINGSTAAF / CABO "T" CORREDIÇO

COD		gr.			DIN 3122
61864	3/4"	1210	5	1	



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / VERLENGSTUK / EXTENÇÃO

COD	3/4"	gr.			DIN 3123
61865	4"	410	5	1	
61866	8"	720			



3/4" 15 PCS.

COD	mm =  C	inch. =  C					Kg.
61861	22-24-27-30-32-36-38-41-46-50						4"
61862	7/8"-15/16"-1"-1.1/8"-1.1/4"-1.7/16"-1.1/2"-1.5/8"-1.13/16"-2"						8"



EXPOSITORES / DISPLAYS / PRESENTOIRS / STÄNDER / ESPOSITORE / DISPLAY STAND

3/4" 86 PCS.

UN.	COD:65300
7	19mm
7	22mm
7	24mm
7	26mm
7	27mm
6	29mm
6	30mm
6	32mm
5	34mm
5	35mm
5	36mm
5	38mm
5	41mm
4	46mm
4	50mm



3/4" 86 PCS.

UN.	COD:65301
14	7/8"
7	15/16"
7	1"
7	1.1/16"
6	1.1/8"
12	1.1/4"
5	1.5/16"
5	1.3/8"
5	1.7/16"
5	1.1/2"
5	1.5/8"
4	1.13/16"
4	2"



NEW



1"

1"MM

COD	C	gr.		
65001	36mm	530		
65002	41mm	630		
65003	46mm	750		
65004	50mm	885		
65005	54mm	1035		
65006	55mm	1180		
65007	58mm	1280		
65008	60mm	1355		
65009	63mm	1600	10	1
65010	65mm	1600		
65011	67mm	1730		
65012	70mm	1980		
65013	71mm	1980		
65014	75mm	2250		
65015	77mm	2400		
65016	80mm	2500		

Cr-V DIN 3124



1"INCH.

COD	C	gr.		
65022	1.5/8"	630		
65023	1.13/16"	750		
65024	1.7/8"	775		
65025	2"	885		
65026	2.1/3"	1035		
65027	2.3/16"	1180		
65028	2.1/4"	1290	10	1
65029	2.3/8"	1355		
65030	2.1/2"	1600		
65031	2.5/8"	1730		
65032	2.3/4"	1980		
65033	3"	2470		
65034	3.1/8"	2500		

Cr-V DIN 3124



ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / ADAPTOR / REDUTOR

COD	1"	gr.		
65040	1-3/4"	435	6	1



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLE A CLIQUET / UMSCHALTKNARRE  
CHIAVE A GRICCO REVERSIBLE / RATEL MET OMKEERMECHANISME / ROQUETE REVERSIVEL

COD	1"	gr.	
65035	1"	4410	1



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / T-GLEITGRIFF / ASTA CON QUADRO SCORREVOLDO  
"T" WRINGSTAAF / CABO "T" CORREDIÇO

COD	1"	gr.		
65036	1"	3295	2	1

DIN 3122



ARTICULACION UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO  
DOP MET CARDANGEWRIJCH / CARDAN UNIVERSAL

COD	1"	gr.		
65039	1"	1215	6	1

DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / VERLENGSTUK / EXTENÇÃO

COD	1"	gr.		
65037	8"	1170	5	1
65038	16"	2300		

DIN 3123



1" 15 PCS.

mm = C    inch. = C

COD	C			Kg.
65041	36-41-46-50-55-60-65-70-75-80		8"	
65042	1.13/16"-1.7/8"-2"-2.3/16"-2.1/4"-2.3/8"-2.1/2"-2.5/8"-2.3/4"-3.1/8"		16"	27



## LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES A CHOC IMPACT STECKSCHLÜSSEL EINSÄTZE / BUSSOLA AD IMPULSI / SLAGDOPPSLEUTELS CHAVES DE CAIXA DE IMPACTO

3/8"MM

COD	C	gr.		
60590	7mm	41		
60591	8mm			
60592	9mm	43		
60593	10mm			
60594	11mm	44		
60595	12mm		6	1
60596	13mm			
60597	14mm	60		
60598	15mm			
60599	16mm			
60600	17mm	62		
60601	18mm			
60602	19mm	72		

Cr-V DIN 3129



3/8"INCH.

COD	C	gr.		
65205	5/16"	43		
65206	3/8"			
65207	7/16"	44		
65208	1/2"	60	6	1
65209	9/16"			
65210	5/8"	62		
65211	11/16"			
65212	3/4"	72		

Cr-V DIN 3129

NEW



1/2"MM

COD	C	gr.		
60603	10mm			
60604	11mm			
60605	12mm	86		
60606	13mm			
60607	14mm			
60608	15mm	106		
60609	16mm			
60610	17mm			
60611	18mm	127	6	1
60612	19mm			
60613	20mm			
60614	21mm			
60615	22mm	132		
60616	24mm	137		
60617	27mm	171		
60618	29mm	190		
60619	30mm	196		
60619	32mm	205		

Cr-V DIN 3129



1/2"INCH.

COD	C	gr.		
65213	3/8"			
65214	7/16"	86		
65215	1/2"			
65216	9/16"			
65217	5/8"	127	6	1
65218	11/16"			
65219	3/4"			
65220	13/16"	132		
65221	7/8"	137		
65222	15/16"	145		
65223	1"	171		
65224	1.1/16"	190		
65225	1.1/8"	196		
65226	1.1/4"	205		

Cr-V DIN 3129

NEW



3/4"MM

COD	C	gr.		
60620	19mm			
60621	21mm			
60622	22mm			
60623	23mm	235		
60624	24mm			
60625	26mm			
60626	27mm			
60627	28mm			
60628	29mm	310		
60629	30mm	422	1	1
60630	32mm	436		
60631	33mm	462		
60632	34mm	485		
60633	36mm	502		
60634	38mm	565		
60635	41mm	600		
60636	42mm	690		
60637	46mm	700		
60638	50mm	1085		

Cr-Mo DIN 3129



3/4"INCH.

COD	C	gr.		
65227	3/4"			
65228	13/16"			
65229	7/8"	235		
65230	15/16"			
65231	1"			
65232	1.1/16"			
65233	1.1/8"	310		
65234	1.3/16"	422		
65235	1.1/4"	436	1	1
65236	1.5/16"	462		
65237	1.3/8"	485		
65238	1.7/16"	502		
65239	1.1/2"	565		
65240	1.5/8"	600		
65241	1.11/16"	690		
65242	1.3/4"	700		
65243	1.7/8"	750		
65244	2"	1085		

Cr-Mo DIN 3129

NEW



1"MM

COD	C	gr.		
60640	38mm	805		
60641	41mm	840		
60642	42mm	860		
60643	46mm	1000		
60644	50mm	1050		
60645	52mm	1090		
60646	54mm	1125		
60647	55mm	1220		
60648	56mm	1270	1	1
60649	57mm	1300		
60650	58mm	1350		
60651	60mm	1440		
60652	62mm	1450		
60653	63mm	1540		
60654	65mm	1550		
60655	70mm	1710		
60656	75mm	3600		

Cr-Mo DIN 3129



1"INCH.

COD	C	gr.		
65253	1"	550		
65254	1.1/16"	560		
65255	1.1/8"	600		
65256	1.3/16"	670		
65257	1.1/4"	710		
65258	1.5/16"	750		
65259	1.3/8"	770		
65260	1.7/16"	800		
65261	1.1/2"	805		
65262	1.9/16"	830		
65263	1.5/8"	840	1	1
65264	1.11/16"	870		
65265	1.3/4"	900		
65266	1.13/16"	950		
65267	1.7/8"	1000		
65268	2"	1050		
65269	2.1/8"	1150		
65270	2.1/4"	1300		
65271	2.3/8"	1450		
65272	2.1/2"	1500		
65273	2.5/8"	1600		

Cr-Mo DIN 3129

**NEW**



### SERIE LARGA / LONG SERIE / SERIE LONGUE / LANGE FORM / SERIE LUNGA LANGE SERIE / SERIE LONGA

1/2"MM

COD	C	gr.		
60660	10mm			
60661	11mm			
60662	12mm			
60663	13mm			
60664	14mm	190		
60665	16mm			
60666	17mm			
60667	18mm			
60668	19mm		6	1
60669	21mm	263		
60670	22mm	310		
60671	23mm	320		
60672	24mm	340		
60673	27mm	405		
60674	29mm	425		
60675	30mm	435		
60676	32mm	450		

Cr-Mo DIN 3129



3/4"MM

COD	C	gr.		
60679	19mm			
60680	21mm			
60681	22mm	630		
60682	24mm			
60683	26mm			
60684	27mm			
60685	30mm	655	1	1
60686	32mm	835		
60687	33mm	885		
60688	34mm	915		
60689	36mm	935		
60690	38mm	940		
60691	41mm	950		

Cr-Mo DIN 3129



### ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / ADAPTOR / REDUTOR

COD	3/8"	1/2"	3/4"	1"	gr.		
60696	3/8-1/2"	-	-	-	50		
60698	-	1/2-3/8"	-	-	110		
60699	-	1/2-3/4"	-	-	130		
60700	-	-	3/4-1/2"	-	370	6	1
60701	-	-	3/4-1"	-	410		
60702	-	-	-	1-3/4"	600		

DIN 3121



### ARTICULACION UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODD CARDANICO DOP MET CARDANGEWICHT / CARDAN UNIVERSAL

COD		gr.		
60704	3/8"	80		
60705	1/2"	180		
60706	3/4"	600	6	1
60707	1"	1245		

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# 7

## LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL BUSSOLE / DOPPEN / CHAVES DE CAIXA

ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / VERLENGSTUK / EXTENÇÃO

COD	3/8"	1/2"	3/4"	1"	gr.		
60710	75	-	-	-	80	6	1
60711	-	125	-	-	220		
60714	-	-	175	-	850		
60716	-	-	-	175	1510		
60717	-	-	-	330	2575		

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ANILLA DE SEGURIDAD / SECURITY O-RING / BAGUES DE SECURITE / SICHERUNGSRING / ANELLO SPACCATO  
VEILIGHEIDDICHTING / ANEL DE SEGURANÇA

COD	3/4"	1"	gr.		
60724	19-46	-	5	6	1
60725	50	-	5		
60726	-	38-70	10		
60727	-	75	10		



PASADOR DE SEGURIDAD / SECURITY PIN / GOUPILLE DE SECURITE / SICHERUNGSSTIFT / COPPIGLIA / VEILIGHEIDSPIN  
PINO DE SEGURANÇA

COD	3/4"	1"	gr.		
60732	19-46	-	10	6	1
60733	50	-	10		
60734	-	38-70	10		
60735	-	75	15		



JUEGOS / SETS / COFRETS / SATZE / ASSORTIMENTI / JOGOS

1/2" 11 PCS.

COD			Kg.
60693	13-14-16-17-19-21-22-24-27-30	1	3,5



3/4" 9 PCS.

COD			Kg.
60694	26-27-29-30-32-34-36-38	1	5,1

