



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

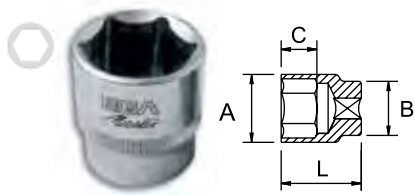
9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

1/4"

MM

NEW



COD X		← L → ← A → ← B → ← C →				gr.		
61311	4mm		7					
63974	4,5mm		8					
61312	5mm		9			10	30	
63975	5,5mm		10	11	5			
61313	6mm		11					
61314	7mm		12			12	25	
61315	8mm	24	14			14		1
61316	9mm		12	8		18		
61317	10mm		16	13		22	20	
61318	11mm		17	14		24		
61319	12mm		18	16	10	25		
61320	13mm		20	18		30		
61321	14mm							

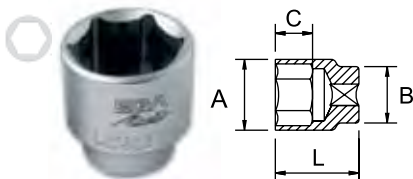
Cr-V DIN 3124

COD X		← L → ← A → ← B → ← C →				gr.		
63977	5mm		9					
63978	5,5mm		10			5	10	30
63979	6mm		11					
63980	7mm		12				12	25
63981	8mm		14				14	
63982	9mm	24	12	8		18		1
63983	10mm		16	13		22	20	
63984	11mm		17	14		24		
63985	12mm		18	16	10	25		
63986	13mm		20	18		30		
63987	14mm							

Cr-V DIN 3124

INCH.

NEW



COD y		← L → ← A → ← B → ← C →				gr.		
60420	5/32"		7					
60421	3/16"		9			10	30	
60422	7/32"		10					
60423	1/4"		11	12	5			
60424	9/32"		12			12	25	
60425	5/16"	24	14			14		1
60426	11/32"		13	8		18		
60427	3/8"		14			22	20	
60428	7/16"		16	16		24		
60429	1/2"		18	18	10	25		
60430	9/16"		20	20		30		

Cr-V DIN 3124

COD y		← L → ← A → ← B → ← C →				gr.		
63989	3/16"		9	9				
63990	7/32"		10	10		10	30	
63991	1/4"		11	11	5			
63992	9/32"		12	12		12	25	
63993	5/16"		14			14		1
63994	11/32"	24	14	14	8	18		
63995	3/8"		16	16		22	20	
63996	7/16"		18	18	10	24		
63997	1/2"		20	20		25		
63998	9/16"					30		

Cr-V DIN 3124

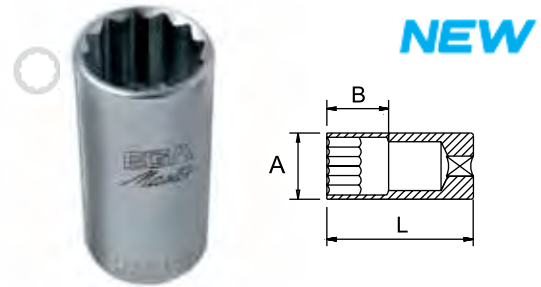
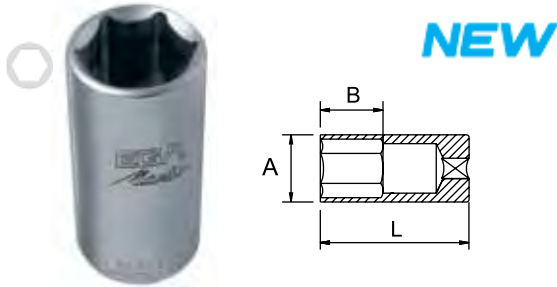
- x 50% cromado aeroespacial / 50% aerospaceal chrome plating / 50% chromée aérospatiale
- 50% cromado pulido espejo / 50% mirror polished chrome plating / 50% polie chromée
- y 100% cromado pulido espejo / 100% mirror polished chrome plating / 100% polie chromée

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LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

1/4" SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

MM



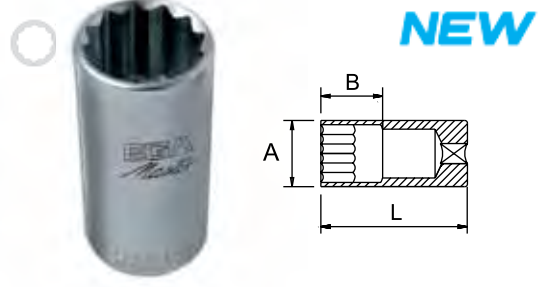
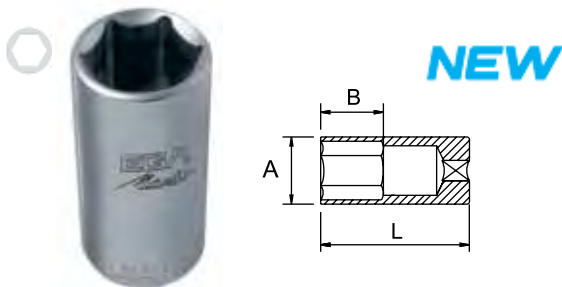
CODX	mm	A	B	gr.	mm	mm
67640	4mm	7,5				
67641	4,5mm	8	8			
67642	5mm	9		28		
67643	5,5mm	10				
67644	6mm	11				
67645	7mm	12	10			
67646	8mm	14		30	10	1
67647	9mm	15		37		
67648	10mm	17		41		
67649	11mm	19	12	47		
67650	12mm	21		50		
67651	13mm	22		60		
67652	14mm	23				

Cr-V DIN 3124

CODX	mm	A	B	gr.	mm	mm
67660	5mm	9				
67661	5,5mm	10	8			
67662	6mm	11		28		
67663	7mm	12	10			
67664	8mm	14		30		
67665	9mm	15		37	10	1
67666	10mm	17		41		
67667	11mm	19	12	47		
67668	12mm	21		50		
67669	13mm	22		60		
67670	14mm	23				

Cr-V DIN 3124

INCH.



CODY	inch	A	B	gr.	inch	inch
67675	3/16"	9				
67676	7/32"	10	8	28		
67677	1/4"	11				
67678	9/32"	13	10	30		
67679	5/16"	14		37	10	1
67680	11/32"	15		41		
67681	3/8"	17		47		
67682	7/16"	19	12	50		
67683	1/2"	21		60		
67684	9/16"	22				

Cr-V DIN 3124

CODY	inch	A	B	gr.	inch	inch
67689	5/32"	7				
67690	3/16"	9	8	28		
67691	7/32"	10				
67692	1/4"	11	10			
67693	9/32"	13		30		
67694	5/16"	14		37	10	1
67695	11/32"	15		41		
67696	3/8"	17		47		
67697	7/16"	19	12	50		
67698	1/2"	21		60		
67699	9/16"	22				

Cr-V DIN 3124

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LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	1/4"	gr.		
65880	1/4-3/8"	15	6	1



DESTORNILLADOR PORTAVASOS 1/4" / 1/4" SOCKET HOLDER / TOURNEVIS PORTE-DOUILLE 1/4" / 1/4" STECKSCHLÜSSEL-HALTER / CACCIAVITE PORTA BUSSOLA 1/4" / APARAFUSADOR PORTA CHAVES CAIXA 1/4" / 1/4" ДЕРЖАТЕЛЬ ГОЛОВКИ

COD	1/4"	mm	gr.		
66732	1/4"	190	95	6	1



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD	1/4"	mm	gr.			
61428	1/4"	140	105	6	1	DIN 3122



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDIÇO / ПОДВИЖНАЯ "Т" РУЧКА

COD	1/4"	mm	gr.			
61438	1/4"	115	60	5	1	DIN 3122



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD	1/4"	gr.			
61435	1/4"	30	10	1	DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD	2"	mm	gr.			
61442	2"	50	25	5	1	DIN 3123
61444	6"	150	65		-	



MANGO ARTICULADO / FLEXIBLE HANDLE / MANCHE ARTICULÉ / FLEXIBLE VERBINDUNG / IMPUGNATURA SNODABILE / CABO ARTICULADO / РУЧКА С ШАРНИРОМ

COD	1/4"	mm	gr.			
65874	1/4"	150	260	5	1	

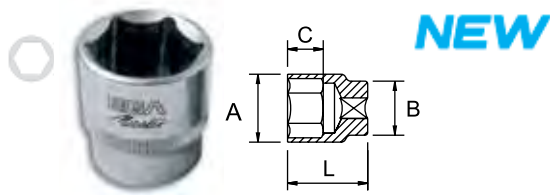
**NEW**

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

3/8"

MM



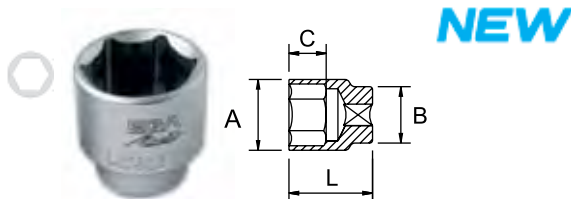
COD X	Size	A	B	C	gr.	Weight	Material
67543	8mm	13			20		1
67544	9mm	14			20		
67545	10mm	15	17	12	26	25	
67546	11mm	16					
67547	12mm	17			28		
67548	13mm	18				20	
67549	14mm	20	18				
67550	15mm	22		14		15	
67551	16mm	23	20		30		
67552	17mm	24	21			12	
67553	18mm	26	22	16	40		
67554	19mm						
67555	20mm				45		
67556	21mm	31	28	18	50	10	
67557	22mm		30	26	60		

Cr-V DIN 3124

COD X	Size	A	B	C	gr.	Weight	Material
61343	8mm	13			20		1
61344	9mm	14			20		
61345	10mm	15	17	12	26	25	
61346	11mm	16					
61347	12mm	17			28		
61348	13mm	18				20	
61349	14mm	20	18				
61350	15mm	22		14		15	
61351	16mm	23	20		30		
61352	17mm	24	21			12	
61353	18mm	26	22	16	40		
61354	19mm						
61355	20mm				45		
61356	21mm	31	28	18	50	10	
61357	22mm		30	26	60		

Cr-V DIN 3124

INCH.



COD y	Size	A	B	C	gr.	Weight	Material
67620	1/4"	12			20		1
67621	9/32"	13			20		
67622	5/16"	14	17	12	26	25	
67623	11/32"	16					
67624	3/8"	17			28		
67625	7/16"	18				20	
67626	1/2"	20	18				
67627	9/16"			14			

Cr-V DIN 3124

COD y	Size	A	B	C	gr.	Weight	Material
60439	1/4"	12			20		1
60440	5/16"	13			20		
60441	11/32"	14	17	12	26	25	
60442	3/8"	16					
60443	7/16"	17			28		
60444	1/2"	18	18			20	
60445	9/16"	20					
60446	19/32"	22	19	14	30	15	
60447	5/8"					12	
60448	11/16"	24	21				
60449	3/4"	26	22		40		
60450	13/16"	28		16	45	10	
60451	7/8"	31	28	26	60		

Cr-V DIN 3124

- x 50% cromado aeroespacial / 50% aerospace chrome plating / 50% chromée aérospatiale
- x 50% cromado pulido espejo / 50% mirror polished chrome plating / 50% polie chromée
- y 100% cromado pulido espejo / 100% mirror polished chrome plating / 100% polie chromée

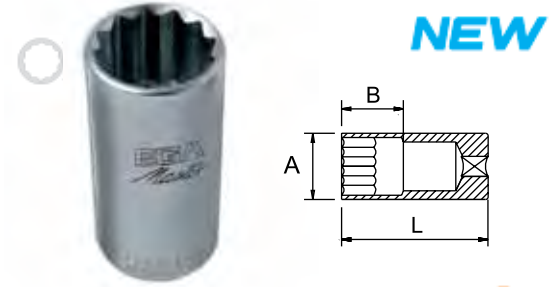
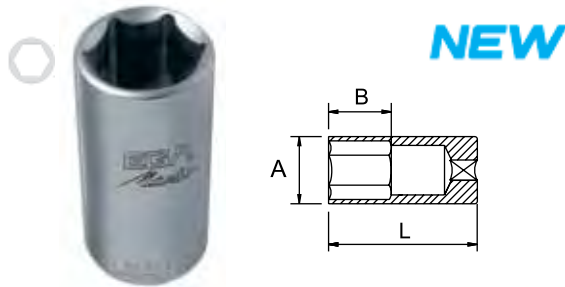


9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

3/8" SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

MM



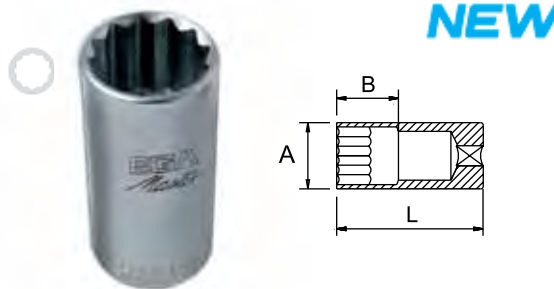
COD X	mm	A	B	gr	gr	gr
67705	7mm	12		85		
67706	8mm	13	12			
67707	9mm	14				
67708	10mm	15				
67709	11mm	16	14	90		
67710	12mm	18				
67711	13mm	20			10	1
67712	14mm					
67713	15mm	22	18	100		
67714	16mm					
67715	17mm	24		130		
67716	18mm			160		
67717	19mm	27		155		
67719	21mm	29	20	180		
67720	22mm	31		210		

Cr-V DIN 3124

COD X	mm	A	B	gr	gr	gr
67725	7mm	12		85		
67726	8mm	13	12			
67727	9mm	14				
67728	10mm	15				
67729	11mm	16	14	90		
67730	12mm	18				
67731	13mm	20			10	1
67732	14mm					
67733	15mm	23	18	100		
67734	16mm					
67735	17mm	25		130		
67736	18mm			160		
67737	19mm	27		155		
67738	20mm	29	20	180		
67739	21mm					
67740	22mm	31		210		

Cr-V DIN 3124

INCH.



COD y	inch	A	B	gr	gr	gr
67750	1/4"	11		85		
67751	5/16"	13	12			
67752	3/8"	15				
67753	7/16"	17	14	90		
67754	1/2"	19				
67755	9/16"	21			10	1
67756	19/32"	22				
67757	5/8"	24	18	100		
67758	11/16"	26		140		
67759	3/4"	28		155		
67760	13/16"	30	20	180		
67761	7/8"			210		

Cr-V DIN 3124

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

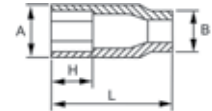
ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	3/8"	gr.		
65884	3/8-1/4"	20	6	1
65881	3/8-1/2"	45		



LLAVES DE VASO PARA BUJÍAS / SPARK PLUG SOCKETS / DOUILLES POUR BOUGIES / ZÜNDKERZEN - STECKSCHLÜSSEL / CHIAVI PER CANDELE CHAVES DE CAIXA P^A VELAS / ГОЛОВКИ ДЛЯ СВЕЧЕЙ ЗАЖИГАНИЯ

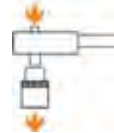
COD	3/8"	16mm	22	19	17	65	100	6	1
61460									
61461		21mm	28	22	20		150		



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD	3/8"	L mm	gr.		
61429		200	270	6	1

DIN 3122



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDIÇO / ПОДВИЖНАЯ "Т" РУЧКА

COD	3/8"	L mm	gr.		
61439		165	180	5	1

DIN 3122



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD	3/8"	gr.		
61436		80	10	1

DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD	3/8"	L	gr.		
61447		6"	120	5	1
61450		10"	240		-

DIN 3123



MANGO ARTICULADO / FLEXIBLE HANDLE / MANCHE ARTICULÉ / FLEXIBLE VERBINDUNG / IMPUGNATURA SNODABILE / CABO ARTICULADO / РУЧКА С ШАРНИРОМ

COD	3/8"	L mm	gr.		
65875		214	375	5	1



NEW

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛЮБКИ

1/2"

MM



COD X	mm	A	B	C	L	gr.
61800	8mm	14		5	45	
61801	9mm	15		6		
61802	10mm	16		7		
61803	11mm	17		8		
61804	12mm	18	21	8	50	25
61805	13mm	19				
61806	14mm	21				
61807	15mm	22		10	55	
61808	16mm	24	22		60	20
61809	17mm	26	23		80	
61810	18mm	28	26	12	85	15
61811	19mm	30		14		
61812	20mm	32		16	105	
61813	21mm	34	31		130	10
61814	22mm	36		18	140	
61815	23mm	38	34		150	
61816	24mm	40		20	160	8
61817	25mm	42	38	22	170	
61818	26mm				180	
61819	27mm				190	
61820	28mm				200	7
61821	29mm					
61822	30mm					
61823	32mm					

Cr-V DIN 3124

COD X	mm	A	B	C	L	gr.
61380	8mm	14		5	45	
61381	9mm	15		6		
61382	10mm	16		7		
61383	11mm	17		8		
61384	12mm	18	21	8	50	25
61385	13mm	19				
61386	14mm	21				
61387	15mm	22		10	55	
61388	16mm	24	22		60	20
61389	17mm	26	23		80	
61390	18mm	28	26	12	85	15
61391	19mm	30		14		
61392	20mm	32		16	105	
61393	21mm	34	31		130	10
61394	22mm	36		18	140	
61395	23mm	38	34		150	
61396	24mm	40		20	160	8
61397	25mm	42	38	22	170	
61398	26mm				180	
61399	27mm				190	
61400	28mm				200	7
61401	29mm					
61402	30mm					
61403	32mm					

Cr-V DIN 3124

INCH.



COD X	INCH.	A	B	C	L	gr.
60460	5/16"	15		40		
60461	3/8"	16		45		
60462	7/16"	17		50		
60463	1/2"	18	22	14	50	25
60464	9/16"	21			55	
60465	19/32"	22				
60466	5/8"	24	23	16	60	20
60467	11/16"	26	24		70	
60468	3/4"	26	26		80	15
60469	25/32"	28	28	20	95	
60470	13/16"	30			110	
60471	7/8"	32			115	
60472	15/16"	32	30		125	10
60473	31/32"	36		24	135	
60474	1"	40			145	
60475	1.1/16"	38			155	8
60476	1.1/8"	40	31	28	165	
60477	1.3/16"				180	7
60478	1.1/4"					

Cr-V DIN 3124

COD X	INCH.	A	B	C	L	gr.
60480	5/16"	15		40		
60481	3/8"	16		45		
60482	7/16"	17		50		
60483	1/2"	18	22	14	50	25
60484	9/16"	21			55	
60485	19/32"	22				
60486	5/8"	24	23	16	60	20
60479	21/32"	26	24		70	
60487	11/16"	26	26		80	15
60488	3/4"	28	28	20	95	
60489	25/32"	30			110	
60490	13/16"	32			115	
60491	7/8"	32	30		125	10
60492	15/16"	36		24	135	
60493	31/32"	40			145	
60494	1"	41	36		155	8
60495	1.1/16"	42	38	28	165	
60496	1.1/8"	43	40	31	180	7
60497	1.3/16"					
60498	1.1/4"					

Cr-V DIN 3124

- x 50% cromado aeroespacial / 50% aerospatial chrome plating / 50% chromée aérospatiale
50% cromado pulido espejo / 50% mirror polished chrome plating / 50% polie chromée
- y 100% cromado pulido espejo / 100% mirror polished chrome plating / 100% polie chromée

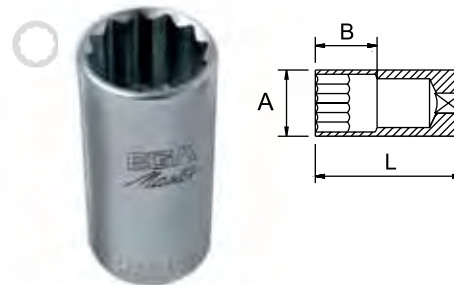
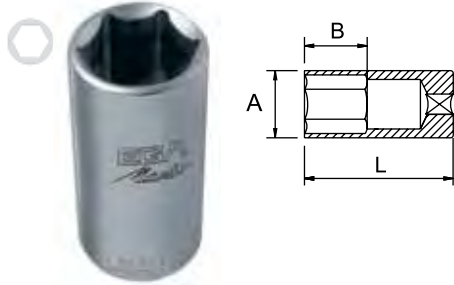
9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

1/2" SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

MM

NEW



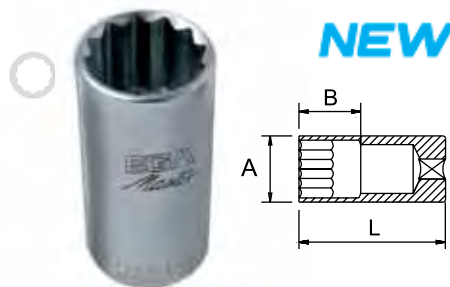
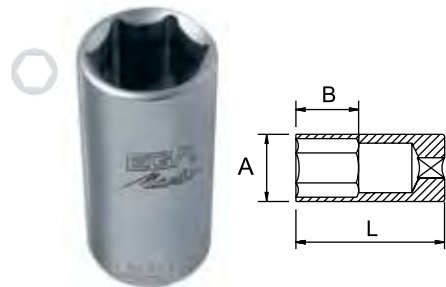
COD X	mm	L	A	B	gr.	mm	mm
65044	10mm	75	17	9			
65045	11mm		18	11			
65046	12mm		19	12			
65047	13mm		21	12	130		
65048	14mm		22				
65049	15mm		23	15			
65050	16mm		24				
65051	17mm		24		140		
65052	18mm		26		170		
65053	19mm		26	18	160		
65054	21mm		28	18	190	10	1
65055	22mm		30		240		
65056	23mm		32	21	270		
65057	24mm		34	24			
67770	26mm		36		360		
67771	27mm		36				
67772	28mm		38	27	410		
67773	29mm		40		440		
67774	30mm		40	30	440		
67775	32mm		42	30	500		

Cr-V DIN 3124

COD X	mm	L	A	B	gr.	mm	mm
67780	10mm	75	17	9			
67781	11mm		18	11			
67782	12mm		19	12			
67783	13mm		21	12	130		
67784	14mm		22				
67785	15mm		23	15			
67786	16mm		24				
67787	17mm		24		140		
67788	18mm		26		170		
67789	19mm		26	18	160		
67791	21mm		28	18	190	10	1
67792	22mm		30		240		
67793	23mm		32	21	270		
67794	24mm		34	24			
67795	26mm		36		360		
67796	27mm		36				
67797	28mm		38	27	410		
67798	29mm		40		440		
67799	30mm		40	30	440		
67800	32mm		42	30	500		

Cr-V DIN 3124

INCH.



NEW

COD y	inch	L	A	B	gr.	inch	inch
65064	3/8"	75	17	6			
65065	7/16"		19	7			
65066	1/2"		20	8	130		
65067	9/16"		22	10			
65068	5/8"		22				
65069	11/16"		24	15	140	10	1
65070	3/4"		26		160		
65071	13/16"		28	18	190		
65072	7/8"		30	21	240		
65073	15/16"		32	24	270		

Cr-V DIN 3124

COD y	inch	L	A	B	gr.	inch	inch
67805	3/8"	75	17	6,0			
67806	7/16"		19	7,0			
67807	1/2"		20	8,0	130		
67808	9/16"		22	10			
67809	5/8"		22				
67810	11/16"		24	15	140		
67811	3/4"		26		160	10	1
67812	13/16"		28	18	190		
67813	7/8"		30	21	240		
67814	15/16"		32		270		
67815	1"		36	24	310		
67816	1.1/16"		36		360		
67817	1.1/8"		38		390		

Cr-V DIN 3124

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

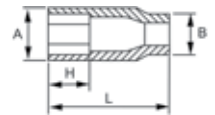
ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	1/2"	gr.			
65885	1/2-3/8"	50		6	1
65882	1/2-3/4"	125			



LLAVES DE VASO PARA BUJÍAS / SPARK PLUG SOCKETS / DOUILLES POUR BOUGIES / ZÜNDKERZEN - STECKSCHLÜSSEL / CHIAVI PER CANDELE / CHAVES DE CAIXA P^ VELAS / ГОЛОВКИ ДЛЯ СВЕЧЕЙ ЗАЖИГАНИЯ

COD	1/2"	A	B	H	L	gr.			
61462		16mm	22	22	14	65	100	6	1
61463		21mm	28	24	16		150		



MANGO ARTICULADO / FLEXIBLE HANDLE / MANCHE ARTICULÉ / FLEXIBLE VERBINDUNG / IMPUGNATURA SNODABILE / CABO ARTICULADO / РУЧКА С ШАРНИРОМ

COD	1/2"	gr.		
61441		0 - 180°	390	650



MANGO ARTICULADO DE ACCION RAPIDA / QUICK RELEASE FLEXIBLE HANDLE / MANCHE ARTICULÉ ACTION RAPIDE / FLEXIBLE VERBINDUNG MIT SCHNELLVERSTELLUNG / MANICO SNODABILE AZIONE RAPIDA / CABO ARTICULADO DE ACCÃO RÁPIDA / БЫСТРОСЪЕМНАЯ РУЧКА С ШАРНИРОМ

COD	1/2"	gr.		
61483		470	900	5



MANGO ARTICULADO TELESCOPICO / TELESCOPIIC FLEXIBLE HANDLE / MANCHE ARTICULÉ TÉLESCOPIQUE / TELESKOPISCHE FLEXIBLE VERBINDUNG / MANICO SNODABILE FLESSIBILE / CABO ARTICULADO TELESCÓPICO / ТЕЛЕСКОПИЧЕСКАЯ РУЧКА С ШАРНИРОМ

COD	1/2"	min	max	gr.	
61484		430	650	1150	5



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD	1/2"	L mm	gr.		
61453	3"	75	135	5	1
61455	5"	125	220		
61458	10"	250	370		



DIN 3123

BERBIQUÍ / SPEEDER HANDLE / VILLEBREQUIN / KURBEL / LEVA GIROVECCHINO / MANIVELA / КОЛЕНЧАТАЯ РУЧКА

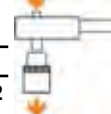
COD	1/2"	L mm	gr.		
61434		410	550	5	

DIN 3122



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD	1/2"	L mm	gr.		
61430		230	550	6	1



GEARLESS - CARRACA A FRICCIÓN

61431	1/2"	250	550	6	1
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DIN 3122



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDIÇO / ПОДВИЖНАЯ "Т" РУЧКА

COD	1/2"	L mm	gr.		
61440		250	160	5	1

DIN 3122



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD	1/2"	gr.			
61437		140	10		1

DIN 3123



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

3/4"

MM



NEW

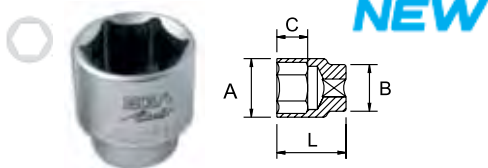
COD X	Ø	L	A	B	C	gr.	gr.	gr.
60501	19mm		30			185		
60502	21mm		32			210		
60503	22mm		33		14	210		
60504	23mm		34			220		
60505	24mm		35	36		230		
60506	25mm	50	36		16	260		
60507	26mm		36			270		
60508	27mm		38			270		
60509	28mm		40		18	280		10
60510	29mm		42			280		
60511	30mm		42		20	290		
60512	32mm	55	44	38		320		
60513	33mm		46		22	330		1
60514	34mm		46			340		
60515	35mm		48	42	23	440		
60516	36mm	60	50		24	460		
60517	38mm		50			460		
60518	40mm		55	45	27	490		
60519	41mm	65	55			600		
60520	42mm		60		28	600		
60521	46mm	70	60		30	650		5
60522	50mm		70		33	700		
60525	54mm	75	70	48		800		
60523	55mm		75		36	850		
60524	60mm	80	80		39	900		

Cr-V DIN 3124

COD X	Ø	L	A	B	C	gr.	gr.	gr.
67565	19mm		30			185		
67566	21mm		32			210		
67567	22mm		33		14	210		
67568	23mm		34			220		
67569	24mm		35	36		230		
67570	25mm	50	36		16	260		
67571	26mm		36			270		
67572	27mm		38			270		
67573	29mm		40		18	280		10
67574	30mm		42		20	290		
67575	32mm	55	44	38		320		
67576	33mm		46		22	320		1
67577	34mm		46			340		
67578	35mm		48	42	23	440		
67579	36mm	60	50		24	460		
67580	38mm		50			460		
67581	40mm		55	45	27	490		
67582	41mm	65	55			600		
67583	42mm		60		28	600		
67584	44mm		60		30	650		5
67585	46mm	70	60			650		
67586	50mm		70		33	700		
67587	54mm	75	70	48		800		
67588	55mm		75		36	850		

Cr-V DIN 3124

INCH.



NEW



COD y	Ø	L	A	B	C	gr.	gr.	gr.
67595	7/8"		33		14	200		
67596	15/16"		35	36	16	210		
67597	1"	50	36			250		
67598	1.1/16"		38		18	260		
67599	1.1/8"		40			260		
67601	1.1/4"	55	44	38		310		10
67602	1.5/16"		46		22	330		
67603	1.3/8"		48	42	23	410		
67604	1.7/16"	60	50		24	420		
67605	1.1/2"		50			460		
67607	1.5/8"		55	45	27	500		
67608	1.11/16"	65	55		28	550		
67610	1.13/16"		60		30	750		5
67612	2"	70	70	50	33	800		

Cr-V DIN 3124

COD y	Ø	L	A	B	C	gr.	gr.	gr.
60526	3/4"		30			14	200	
60527	7/8"		33			200		
60528	15/16"		35	36	16	210		
60529	1"	50	36			250		
60530	1.1/16"		38		18	260		
60531	1.1/8"		40			260		
60500	1.3/16"	55	42	38	20	280		10
60532	1.1/4"		44		22	310		
60533	1.5/16"		46			330		
60534	1.3/8"	60	48	42	23	410		1
60535	1.7/16"		50		24	420		
60536	1.1/2"		50			460		
60537	1.5/8"	65	55	45	27	500		
60538	1.11/16"		60		28	550		
60539	1.13/16"		60		30	750		5
60540	1.7/8"	70	65	48		800		
60541	2"		70		33	800		

Cr-V DIN 3124

- x 50% cromado aeroespacial / 50% aerospace chrome plating / 50% chromée aérospatiale
- 50% cromado pulido espejo / 50% mirror polished chrome plating / 50% polie chromée
- y 100% cromado pulido espejo / 100% mirror polished chrome plating / 100% polie chromée



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	1/2"	gr.		
65883	3/4-1"	250	6	1
65886	3/4-1/2"	135		



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET / UMSCHALTKNARRE /
CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD	mm	gr.		
61863	3/4"	500	2250	6

DIN 3122



MANGO ARTICULADO / FLEXIBLE HANDLE / MANCHE ARTICULÉ / FLEXIBLE VERBINDUNG / IMPUGNATURA
SNODABILE / CABO ARTICULADO / РУЧКА С ШАРНИРОМ

COD	mm	L	Kg	
61473	3/4"	1000	3,7	6
61456		480	1,9	



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO
SCORREVOLO / CABO "T" CORREDIZO / ПОДВИЖНАЯ "Т" РУЧКА

COD	mm	L	gr.	
61864	3/4"	450	1200	5

DIN 3122



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO
CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD	mm	gr.		
61860	3/4"	600	6	1

DIN 3123



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD	3/4"	L	gr.		
61865	4"	105	410	5	1
61866	8"	200	700		-

DIN 3123



EGA Master S.A.
ART IN INNOVATION

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

1" MM



COD X	Ø	L	A	B	C	gr.		
65001	36mm	65	50	45	28	550		
65002	41mm	70	55	45	32	650		
65003	46mm	75	65	50	34	750		
65004	50mm	75	70	50	34	900	5	
65005	54mm		75	50		1050		
65006	55mm	80		50	40	1200		
65007	58mm		80	55		1300		
65008	60mm		85	55	42	1350		1
65009	63mm	85	85		44	1600		
65010	65mm		90		46	1750		
65011	67mm	90		70	48	2000	4	
65012	70mm		95	70	50	2250		
65013	71mm	95		70	55	2400		
65014	75mm		100	70	55	2500		
65015	77mm	105						
65016	80mm	105	105					

Cr-V DIN 3124

INCH.



COD X	Ø	L	A	B	C	gr.		
65022	1.5/8"	70	55	45	32	650		
65023	1.13/16"	70	65	50	34	750		
65024	1.7/8"	75	70	50	34	900	5	
65025	2"	75	70	50	34	1050		
65026	2.1/8"		75	50		1200		
65027	2.3/16"	80		60	40	1300		1
65028	2.1/4"		80	60	42	1350		
65029	2.3/8"	85	85		44	1600		
65030	2.1/2"		90		44	1750		
65031	2.5/8"	90	90		48	2000	4	
65032	2.3/4"	95	95		55	2450		
65033	3"	105	100	70	55	2500		
65034	3.1/8"	105	105					

Cr-V DIN 3124

- x 50% cromado aeroespacial / 50% aerospaceal chrome plating / 50% chromée aérospatiale
- x 50% cromado pulido espejo / 50% mirror polished chrome plating / 50% polie chromée
- y 100% cromado pulido espejo / 100% mirror polished chrome plating / 100% polie chromée



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	1"	gr.		
65040	1-3/4"	430	6	1



MANGO ARTICULADO / FLEXIBLE HANDLE / MANCHE ARTICULÉ / FLEXIBLE VERBINDUNG / IMPUGNATURA SNODABILE / CABO ARTICULADO / РУЧКА С ШАРНИРОМ

COD	1"	L	Kg.	
61474	1"	1000	4,0	6



61457	1"	650	2,5	6
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LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLE A CLIQUET / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

COD	1"	L mm	gr.	
65035	1"	650	4400	1



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDIÇO / ПОДВИЖНАЯ "Т" РУЧКА

COD	1"	L mm	gr.	
65036	1"	550	3300	1



DIN 3122

ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD	1"	gr.		
65039	1"	1200	4	1



DIN 3123

ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

COD	1"	L mm	gr.	
65037	8"	200	1150	5
65038	16"	400	2300	



DIN 3123

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

KITS - SETS

1/4"

29 PCS.

COD		Kg
61958	4-5-6-7-8-9-10-11-12-13-14mm	0,8
61961	5/32"-3/16"-7/32"-1/4"-9/32" 5/16"-11/32"-3/8"-7/16"-1/2"-9/16"	
	Carraca / Ratchet / Crécelle	●
	Alargadera / Extension / Rallonge	2"-6"
	Mango en T / T Handle / T Poignee	●
	Articulación universal / Universal Joint Cardan Universel	●
	Punta hexagonal con vaso / Hex bit socket Embout hexagonal à douille	3-4-5-6-8
	Punta plana con vaso / Flat bit socket Embout fente à douille	4x0,6 - 5,5x1 - 7x1,2
	Punta Philips con vaso / Philips bit socket Embout Philips à douille	PH1-PH2-PH3-PH4
	Destornillador portavasos / Socket holder Tournevis porte douille	●



24 PCS.

COD		Kg
61791	4-5-6-7-8-9-10-11-12-13mm 3/16"-7/32"-1/4"-9/32"- 5/16"-11/32"-3/8"-7/16"-1/2"	0,8
	Carraca / Ratchet / Crécelle	●
	Alargadera / Extension / Rallonge	2"
	Articulación universal / Universal Joint Cardan Universel	●
	Mango articulado / Flexible handle Manche articulé	●
	Destornillador portavasos / Socket holder Tournevis porte douille	●



12 PCS.

COD		Kg
61323	4-5-6-7-8-9-10-11-12-13-14mm	0,4
61324	5/32"-3/16"-7/32"-1/4"-9/32" 5/16"-11/32"-3/8"-7/16"-1/2"-9/16"	
	Carraca / Ratchet / Crécelle	●



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

KITS - SETS

3/8"

16 PCS.

COD		Kg.
61959	8-10-11-12-13-14-15-17-19-21-22 mm	1,7
61962	5/16"-3/8"-7/16"-1/2"-9/16"-19/32" 5/8"-11/16"-3/4"-13/16"-7/8"	
	Carraca / Ratchet / Crécelle	●
	Alargadera / Extension / Rallonge	5"-10"
	Mango en T / T Handle / T Poignee	●
	Articulación universal / Universal Joint Cardan Universel	●



42 PCS.

COD		Serie larga Long serie Série Longue	Kg.
61792	9-10-11-12-13-14-15-16-17-18-19 mm	9-10-11-12-13-14-15-16-17-18-19 mm	5,0
	3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"	3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"	
	Carraca / Ratchet / Crécelle	●	
	Alargadera / Extension / Rallonge	3"-6"-8"	
	Articulación universal / Universal Joint Cardan Universel	●	
	Mango articulado / Flexible handle Manche articulé	●	



16 PCS.

COD		Kg.
61341	8-9-10-11-12-13-14-15-16-17-18-19-20-21-22mm	1,0
	Carraca / Ratchet / Crécelle	●

13 PCS.

COD		Kg.
61342	5/16"-11/32"-3/8"-7/16"-1/2"-9/16"-19/32" 5/8"-11/16"-3/4"-13/16"-7/8"	0,9
	Carraca / Ratchet / Crécelle	●



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

KITS - SETS

1/2"

25 PCS.

COD		Kg.
61960	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32mm	4,2
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"	
	Carraca / Ratchet / Crécelle	●
	Alargadera / Extension / Rallonge	5"-10"
	Mango en T / T Handle / T Poignee	●
	Articulación universal / Universal Joint Cardan Universel	●



17 PCS.

COD		Kg.
61796	10-11-12-13-14-15-16-17-18-19-20-22-24-27-30-32mm	2,0
61798	5/16"-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"	
61797	10-11-12-13-14-15-16-17-18-19-20-22-24-27-30-32mm	2,0
61799	5/16"-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"	
	Carraca / Ratchet / Crécelle	●



41 PCS.

COD		Kg.
61793	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm 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"	5,5
	Carraca / Ratchet / Crécelle	●
	Alargadera / Extension / Rallonge	6"-8"
	Mango en T / T Handle / T Poignee	●
	Articulación universal / Universal Joint Cardan Universel	●
	Mango articulado / Flexible handle Manche articulé	●
	Vasos para bujías / Spark plug sockets Douille à bougie	16-21mm



33 PCS.

COD		● Serie larga Long sockets Série Longue	Kg.
65074	10-11-12-13-14-15-16-17-18-19-20-21-22-23-24mm	10-11-12-13-14-15-16-17-18-19mm	7,0
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"	
	Carraca / Ratchet / Crécelle	●	
	Alargadera / Extension / Rallonge	3"-5"-10"	
	Mango articulado / Flexible handle Manche articulé	●	
	Articulación universal / Universal Joint Cardan Universel	●	
	Vasos para bujías / Spark plug sockets Douille à bougie	16-21mm(65074) 5/8"-13/16"(65075)	



NATO Commercial and Government Entity (NCAGE) Code / Código (NCAGE) OTAN: 8552B

Order from: Maryland Metrics P.O. Box 261 Owings Mills, MD 21117 USA <http://mdmetric.com> email: sales@mdmetric.com



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORE / DISPLAY STAND / СТЕНДЫ
1/2" 233 PCS. 1/2" 236 PCS.

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

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

UN.	COD:65298
24	5/16"
	3/8"
12	7/16"
	1/2"
24	9/16"
	5/8"
20	11/16"
19	3/4"
9	13/16"
16	7/8"
8	15/16"
14	1"
7	1.1/16"
	1.1/8"
	1.3/16"
6	1.1/4"

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



A: 61430
B: 61431

3/4"

14 PCS.

mm = inch. =

COD	C	Kg.
61861	22-24-27-30-32-36-38-41-46-50	4"8"
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"	4"8"



EXPOSITORES / DISPLAYS / PRESENTOIRS / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ
86 PCS. 86 PCS.

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

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



1"

14 PCS.

mm = inch. =

COD	C	Kg.
65041	36-41-46-50-55-60-65-70-75-80	8"16"
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"	8"16"



9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

3/8"



MM

COD	mm	L	A	B	C	gr.			
60590	7mm		12			41			
60591	8mm		13						
60592	9mm		14	19	14	43			
60593	10mm		16						
60594	11mm		17						
60595	12mm		18			44			
60596	13mm	30	20	20	15	60	6	1	
60597	14mm		21	21					
60598	15mm		22	22	16				
60599	16mm		23	23					
60600	17mm		24	24					
60601	18mm		26	26					
60602	19mm		27	27					70

Cr-V DIN 3129



INCH.

COD	INCH.	L	A	B	C	gr.			
65205	5/16"		13			43			
65206	3/8"		15						
65207	7/16"		17	19	14	44			
65208	1/2"		19						
65209	9/16"	30	21	21	15	60	6	1	
65210	5/8"		23	23					
65211	11/16"		25	25	16				
65212	3/4"		27	27					
68685	13/16"		30	30					70
68686	7/8"		32	32					100
									125

Cr-V DIN 3129

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

1/2"



MM

COD	Hex Size	A	B	C	L	Gr.	Material	Notes
60603	10mm	38	17			65		
60604	11mm	38	19					
60605	12mm	38	20					
60606	13mm	38	22	24	15			
60607	14mm	38				80		
60608	15mm	38	24					
60609	16mm	38						
60610	17mm	38	26	26	16			
60611	18mm	38	28	28		110	6	1
60612	19mm	38						
60639	20mm	38	29	29	18			
60613	21mm	38	30	30		120		
60614	22mm	38	32	32		140		
60615	24mm	38	34	34		160		
60616	27mm	38	38	35	20	185		
60617	29mm	38	40	35		200		
60618	30mm	43	42	42		210		
60619	32mm	38	44	35				

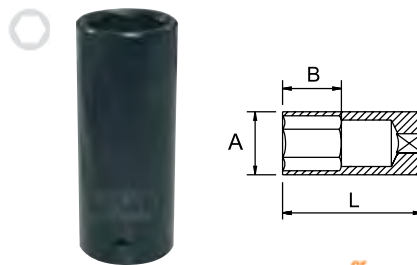
Cr-V DIN 3129

INCH.

COD	Hex Size	A	B	C	L	Gr.	Material	Notes
65213	3/8"	16						
65214	7/16"	18						
65215	1/2"	20	23	14	85			
65216	9/16"	22						
65217	5/8"	24	24	15				
65218	11/16"	26	26	16	125			
65219	3/4"	28	28				6	1
65220	13/16"	30	30	19				
65221	7/8"	32	32	20	130			
65222	15/16"	34	34		135			
65223	1"	36			145			
65224	1.1/16"	38			170			
65225	1.1/8"	40	35	21	190			
65226	1.1/4"	44			200			

Cr-V DIN 3129

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



MM

COD	Hex Size	A	B	L	Gr.	Material	Notes
60660	10mm		17				
60661	11mm		18				
60662	12mm		19				
60663	13mm		20				
60664	14mm		22				
60665	16mm		24				
60666	17mm		26				
60667	18mm		27				
60668	19mm	80	28				
60669	21mm		31				
60670	22mm		32				
60671	23mm		33				
60672	24mm		34				
60673	27mm		38				
60674	29mm		40				
60675	30mm		42				
60676	32mm		44				

Cr-V DIN 3129

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

3/4"



MM

COD	mm	A	B	C	L	gr.	mm	mm
60620	19mm	33						
60621	21mm	35						
60622	22mm	37			18			
60623	23mm	38					230	
60624	24mm	39			22			
60625	26mm	41			24			
60626	27mm	43			26			
60627	28mm	44						
60628	29mm	45	44				310	
60629	30mm	46					420	1
60630	32mm	49					440	1
60631	33mm	50			27		460	
60632	34mm						480	
60633	36mm	55					500	
60634	38mm						550	
60635	41mm	60					600	
60636	42mm						700	
60637	46mm	60	65					
63880	48mm				28			
60638	50mm	70	70	55			1100	-
63881	54mm				32			

Cr-Mo DIN 3129

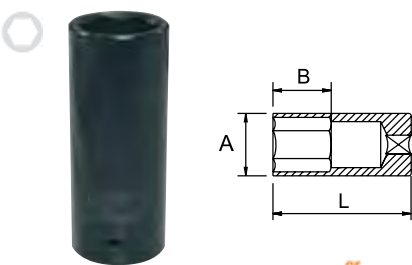


INCH.

COD	INCH.	A	B	C	L	gr.	mm	mm
65227	3/4"	33						
65228	13/16"	35						
65229	7/8"	37			18			
65230	15/16"	39					230	
65231	1"	41			22			
65232	1.1/16"	43			26			
65233	1.1/8"	45					310	
65234	1.3/16"	46					420	
65235	1.1/4"	49	44				440	1
65236	1.5/16"	50					460	1
65237	1.3/8"	55			27		480	
65238	1.7/16"						500	
65239	1.1/2"	60					550	
65240	1.5/8"						600	
65241	1.11/16"						700	
65242	1.3/4"							
65243	1.7/8"	65	70				750	
65244	2"	70	75	55	28		1100	
68688	2.3/16"	75	80				1350	-

Cr-Mo DIN 3129

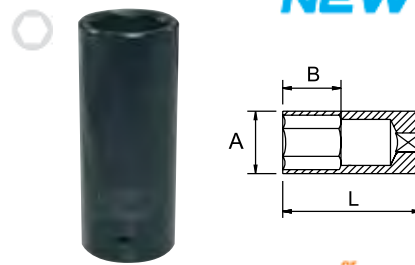
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MM

COD	mm	A	B	L	gr.	mm	mm
60679	19mm	33					
60680	21mm	35					
60681	22mm	37	28			650	
60682	24mm	39					
60683	26mm	41	36				
60684	27mm	42	50				
60685	30mm	46				850	
60686	32mm	49	55				1
60687	33mm					900	
60688	34mm	50					
60689	36mm	55					
60690	38mm		60			950	
60691	41mm	60					
63895	42mm						
63896	48mm	65	65			1100	
63897	50mm	70	70			1200	

Cr-Mo DIN 3129



INCH.

COD	INCH.	A	B	L	gr.	mm	mm
65245	1"	33				550	
65246	1.1/16"	35				600	
65247	1.1/8"	37	26				
65248	1.3/16"	39				650	1
65249	1.1/4"	41	28				1
65250	1.5/16"	42				700	
65251	1.3/8"	44				750	
65252	1.1/2"	46	30			800	

Cr-Mo DIN 3129

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

1"



MM

COD	mm	L	A	B	C	gr.	1
65534	24mm	60	42				
65535	27mm		45	50	23	550	
65536	30mm		49				
65537	32mm		50		26	600	
65538	36mm	65	55			700	1
60640	38mm		60			800	
63882	40mm						
60641	41mm		65	55	28	850	
60642	42mm	70					
60643	46mm						
63890	48mm	75	75			1050	1
60644	50mm				32		
60645	52mm			80		1100	
60646	54mm	80				1150	
60647	55mm		80		45	1200	
60648	56mm					1250	
60649	57mm	85		85		1300	
60650	58mm		85			1350	
60651	60mm				47	1450	
60652	62mm	90	90	90		1550	
60653	63mm						
60654	65mm	95	95	95			
60655	70mm	100	100	100	50	1700	
60656	75mm	105	105	105	55	3600	

Cr-Mo DIN 3129

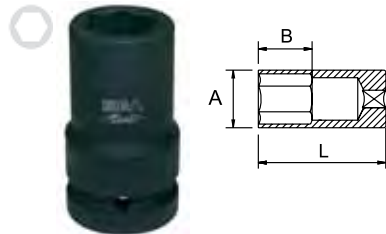
INCH.

COD	INCH.	L	A	B	C	gr.	1
65253	1"		44			26	550
65254	1.1/16"		46			600	
65255	1.1/8"		48			650	
65256	1.3/16"	60	49		27	700	1
65257	1.1/4"		50			750	
65258	1.5/16"		55			800	
65259	1.3/8"					850	
65260	1.7/16"					900	
65261	1.1/2"	65	60		28	950	1
65262	1.9/16"					1000	
65263	1.5/8"	70	65			1100	
65264	1.11/16"					1150	
65265	1.3/4"			55		1200	
65266	1.13/16"		70		32	1250	
65267	1.7/8"	75				1300	
68690	1.15/16"					1350	
65268	2"		75			1400	
68691	2.1/16"					1450	
65269	2.1/8"	80	80			1500	
65270	2.1/4"					1550	
68692	2.5/16"		85			1600	
65271	2.3/8"					1650	
68693	2.7/16"	90			47	1700	
65272	2.1/2"		90			1750	
68694	2.9/16"					1800	
65273	2.5/8"	95	95			1850	

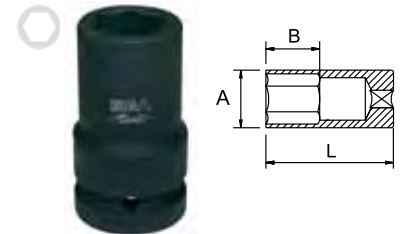
Cr-Mo DIN 3129

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

NEW



NEW



MM

COD	mm	L	A	B	gr.	1	1
63898	22mm		40				
63899	23mm		41	16	800		
65539	24mm		42			900	
63900	26mm		44			950	
65540	27mm		46				
63905	28mm		47	19			
63901	29mm		48				
65541	30mm		49				
65542	32mm	90	50			1000	
63902	33mm						
63903	34mm		55				1
63904	35mm			23			
65543	36mm					1050	
65544	38mm		60			1100	
63883	41mm					1200	
63906	42mm						
63907	43mm		65	40		1300	
65546	46mm		70			1500	
65547	50mm	100	75			1600	
63908	55mm		80			1900	
63909	60mm	120	90	50		2500	

Cr-Mo DIN 3129

INCH.

COD	INCH.	L	A	B	gr.	1	1
65274	1.1/8"		48				
65275	1.3/16"		49	30	1200		
65276	1.1/4"		50				
65277	1.5/16"					1250	
65278	1.3/8"		55	35		1300	
65279	1.7/16"					1350	
65280	1.1/2"	110	60			1400	1
65281	1.9/16"					1450	
65282	1.5/8"					1500	
65283	1.11/16"		65			1550	
65284	1.3/4"			42		1600	
65285	1.13/16"		70			1650	
65286	1.7/8"					1700	
65287	2"		75			1800	

Cr-Mo DIN 3129

9

LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

1.1/2"

NEW



COD	mm	L	A	B	C	Kg
63884	34mm					
65666	35mm					
65737	36mm		60			2,2
63885	38mm					
63886	40mm					
63887	41mm		70		31	
63888	42mm					2,4
63889	43mm					
65426	46mm		75			
65427	50mm		80			
65428	55mm		85			2,7
65429	60mm		90		32	2,8
65430	65mm		95		35	3,2
65431	70mm	100	105		36	3,5
65432	75mm	105	110			4,0
68697	77mm			85		
65433	80mm		115		40	4,5
65434	85mm	110	120			5,0
65435	90mm		130		41	5,5
65436	95mm		135			6,0
65437	100mm	115	140		42	6,5
65438	105mm	120	145		44	7,5
65439	110mm	125	155		45	8,0
65440	115mm	130	160		46	9,0
65441	120mm		165		48	10
65442	125mm	135	175		49	
65443	130mm	140	180		51	12
65444	135mm	145	185			
65445	140mm	150	190		55	14
65446	145mm		195			15
65447	150mm	155	200			15,5

Cr-Mo DIN 3129

COD	inch	L	A	B	C	Kg
68700	1.3/8"					
68701	1.7/16"					
68702	1.1/2"		65			2,2
68703	1.9/16"					
68704	1.5/8"		70			
68705	1.11/16"					
68706	1.3/4"				31	
68707	1.13/16"					2,4
68708	1.7/8"		75			
68709	1.15/16"					
68710	2"		80			
68711	2.1/16"					
68712	2.1/8"					
68713	2.3/16"		85			
68714	2.1/4"					
68715	2.5/16"		90		32	2,7
68716	2.3/8"					2,8
68717	2.7/16"					
68718	2.1/2"		95			
68719	2.9/16"				35	3,2
68720	2.5/8"		100			
68721	2.11/16"			85		
68722	2.3/4"		100			3,5
68723	2.13/16"		105		36	
68724	2.7/8"					4,0
68725	2.15/16"		105			
68726	3"		110			
68727	3.1/16"					
68728	3.1/8"		115			4,5
68729	3.3/16"				40	
68730	3.1/4"		120			5,0
68731	3.5/16"					
68732	3.3/8"					
68733	3.7/16"		110			
68734	3.1/2"					
68735	3.9/16"					5,5
68736	3.5/8"				41	
68737	3.11/16"					
68738	3.3/4"		135			6,0
68739	3.13/16"					
68740	3.7/8"					
68741	3.15/16"	115	140		42	6,5
68742	4"					

Cr-Mo DIN 3129

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LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

NEW

2.1/2"



MM

INCH

COD	Ø	L	A	B	C	Kg
68817	41mm		80			
68818	42mm					
68819	46mm		85			
68820	50mm	120	90			
68821	55mm		95		36	7,5
68822	60mm		100			
68823	65mm		105			
65452	70mm		110			
65453	75mm	125	120			
65454	80mm		125		40	8,0
65455	85mm		130			8,5
65456	90mm	130	135		41	9,0
65457	95mm		140			11
65458	100mm	140	145		42	
65459	105mm	145	155		44	13
65460	110mm	155	160		45	
65461	115mm		165		46	15
65462	120mm	160	175		48	16
65463	125mm	165	180		49	18
65464	130mm	170	185		50	19
65465	135mm	175	190			
65466	140mm	180	200			
65467	145mm	185	210		55	20
65468	150mm	190				21
65469	155mm	195	220			25
65470	160mm		230		60	28
65471	165mm	200				30
65472	170mm		240			32
65473	175mm	210				35
65474	180mm		250		65	37
65475	185mm	220	260			40
65476	190mm		270			43
65477	200mm		280			46
68824	205mm					49
68825	210mm		290		70	55
68826	215mm	230				60
68827	220mm		300			
68828	225mm		310			65

Cr-Mo DIN 3129

COD	Ø	L	A	B	C	Kg
68744	2"					
68745	2.1/16"		90			
68746	2.1/8"					
68747	2.3/16"		95			
68748	2.1/4"					
68749	2.5/16"	120	100			7,5
68750	2.3/8"					
68751	2.7/16"					
68752	2.1/2"				36	
68753	2.9/16"		105			
68754	2.5/8"					
68755	2.11/16"					
68756	2.3/4"		110			7,6
68757	2.13/16"					
68758	2.7/8"		115			
68759	2.15/16"					
68760	3"	125	120			7,7
68761	3.1/16"					
68762	3.1/8"					
68763	3.3/16"					
68764	3.1/4"		125		40	7,8
68765	3.5/16"					
68766	3.3/8"		130			8,4
68767	3.7/16"					
68768	3.1/2"	130				
68769	3.9/16"		135			8,8
68770	3.5/8"					
68771	3.11/16"					
68772	3.3/4"		140		41	11
68773	3.13/16"					
68774	3.7/8"	140				
68775	3.15/16"		145			
68776	4"		150		42	
68777	4.1/16"					
68778	4.1/8"		145	155		13
68779	4.3/16"					
68780	4.1/4"		155	160	130	44
68781	4.5/16"					
68782	4.3/8"		160			45
68783	4.1/2"					
68784	4.9/16"		165			46
68785	4.5/8"		170			15
68786	4.11/16"					
68787	4.3/4"		175			48
68788	4.13/16"					
68789	4.7/8"		165	180		49
68790	4.15/16"					
68791	5"	170	185			50
68792	5.1/4"					
68793	5.5/16"		175	190		55
68794	5.3/8"					
68795	5.1/2"		180	200		20
68796	5.3/4"					
68797	6"		185	210		
68798	6.1/4"			220		
68799	6.5/16"					
68800	6.3/8"		200	230		60
68801	6.1/2"					30
68802	6.3/4"					32
68803	7"		210	240		35
68804	7.1/4"			250		
68805	7.5/16"					
68806	7.3/8"		220	260		65
68807	7.1/2"					
68808	7.3/4"			270		43
68809	8"			280		49
68810	8.1/4"					55
68811	8.5/16"					
68812	8.3/8"		230	290		70
68813	8.1/2"					
68814	8.3/4"			300		60
68815	9"					65

Cr-Mo DIN 3129

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LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ

LLAVES DE VASO DE IMPACTO / IMPACT SOCKET WRENCHES / DOUILLES À CHOC / KRAFTSCHRAUBEREINSATZ / BUSSOLA AD IMPULSI / CHAVES DE CAIXA DE IMPACTO / УДАРНЫЕ ГОЛОВКИ

3. 1/2"

NEW



NEW



MM

COD	+	L	A	B	C	Kg.
67500	100mm		170			16
67501	105mm	180	175		100	17
67502	110mm		185			21
67503	115mm	200	190		115	24
67504	120mm		195			25
67505	125mm	210	200	180	120	28
67506	130mm		210			30
67507	135mm		220		125	34
67508	140mm		220		130	37
67509	145mm	220	230		130	39
67510	150mm		240		135	43
67511	155mm		240		135	45
67512	160mm		250		140	50
67513	165mm	230	260		140	55
67514	170mm		260		145	60
67515	175mm		270	200	145	60
67516	180mm		280		150	65
67517	185mm	240	290		155	70
67518	190mm		300		155	70
67519	195mm		300		155	70
67520	200mm		310		160	80
67521	205mm	250	320		160	80
67522	210mm		320		165	85
67523	215mm		330		165	85
67524	220mm	260	340		170	90
67525	225mm		340		170	95
67526	230mm		350		175	105
67527	235mm	270	360		175	110
67528	240mm		370	230	185	115
67529	245mm		370		185	115
67530	250mm	280	380		190	120
67531	255mm		390		190	125
67532	260mm		400		195	130
67533	265mm	290	410		195	135
67534	270mm		420		200	140
67535	275mm		420		200	145
67536	280mm	300	430		200	150

Cr-Mo DIN 3129

INCH




COD	+	L	A	B	C	Kg.
68830	4"		170			16
68831	4.1/16"	180	175		100	17
68832	4.1/8"		180			21
68833	4.3/16"	200	180		115	24
68834	4.1/4"		185			25
68835	4.5/16"	210	190	180	120	28
68836	4.3/8"		190			30
68837	4.1/2"		195		125	34
68838	4.9/16"	220	195		125	37
68839	4.5/8"		200		130	39
68840	4.11/16"	230	200	180	135	43
68841	4.3/4"		205		135	45
68842	4.13/16"		210		140	50
68843	4.7/8"	240	210		140	55
68844	4.15/16"		215		145	60
68845	5"	250	215		150	65
68846	5.1/4"		220		155	70
68847	5.5/16"	260	220		160	80
68848	5.3/8"		225		165	85
68849	5.1/2"	270	225		170	90
68850	5.3/4"		230		170	95
68851	6"	280	230	200	175	105
68852	6.1/4"		235		175	110
68853	6.5/16"	290	235		180	115
68854	6.3/8"		240		180	115
68855	6.1/2"	300	240		185	120
68856	6.3/4"		245		185	120
68857	7"	310	245	200	190	125
68858	7.1/4"		250		190	125
68859	7.5/16"	320	250		195	130
68860	7.3/8"		255		195	130
68861	7.1/2"	330	255		200	140
68862	7.3/4"		260		200	145
68863	8"	340	260	200	200	145
68864	8.1/4"		265		200	145
68865	8.5/16"	350	265		205	150
68866	8.3/8"		270		205	150
68867	8.1/2"	360	270		210	155
68868	8.3/4"		275		210	155
68869	9"	370	275	230	210	155
68870	9.1/4"		280		210	155
68871	9.5/16"	380	280		215	160
68872	9.3/8"		285		215	160
68873	9.1/2"	390	285		220	165
68874	9.3/4"		290		220	165
68875	10"	400	290		225	170
68876	10.1/4"		295		225	170

Cr-Mo DIN 3129

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

ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

COD	3/8"	1/2"	3/4"	1"	1.1/2"	2.1/2"			
60696	3/8-1/2"	-	-	-	-	-	50		
60698	-	1/2-3/8"	-	-	-	-	110		
60699	-	1/2-3/4"	-	-	-	-	130		
60700	-	-	3/4-1/2"	-	-	-	370		
60701	-	-	3/4-1"	-	-	-	410		
60702	-	-	-	1-3/4"	-	-	600		
68698	-	-	-	1"-1.1/2"	-	-	1100		
65448	-	-	-	-	1.1/2"-1"	-	2100		
65449	-	-	-	-	1.1/2"2.1/2"	-	4000		
65478	-	-	-	-	-	2.1/2"-1.1/2"	4500		

DIN 3121




ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO
CARDANICO / CARDAN UNIVERSAL / ШАРНИР

COD				
60704	3/8"	80	6	
60705	1/2"	180		
60706	3/4"	600	4	
60707	1"	1250	2	
60708	1.1/2"	3000		
60709	2.1/2"	6000	1	

DIN 3121





ALARGADERA / EXTENSIÓN / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ



COD	3/8"	1/2"	3/4"	1"	1.1/2"			
60710	75	-	-	-	-	80		
60711	-	125	-	-	-	220	6	
60714	-	-	175	-	-	850		
60716	-	-	-	175	-	1500	4	
60717	-	-	-	330	-	2550		
65450	-	-	-	-	250	5500	1	
65451	-	-	-	-	300	6500		

DIN 3121

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

COD	3/4"	1"	1.1/2"	2.1/2"		
60724	19-46	-	-	-	5,0	
60725	50	-	-	-		
60726	-	38-70	-	-	10	
60727	-	75	-	-		
60783	-	-	34-150	-	20	
60784	-	-	-	70-200		

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

COD	3/4"	1"	1.1/2"	2.1/2"		
60732	19-46	-	-	-	10	
60733	50	-	-	-		
60734	-	38-70	-	-	15	
60735	-	75	-	-		
60767	-	-	34-150	-	20	
60768	-	-	-	70-200	25	





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LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE / CHAVES DE CAIXA / ГОЛОВКИ



JUEGOS / SETS / COFRETS / SÄTZE / ASSORTIMENTI / JOGOS / НАБОРЫ

1/2" MM



COD	pcs.		
60693	10	13-14-16-17-19-21-22-24-27-30	3,5
61265		10-11-12-13-14-17-19-21-22-24	3,0



SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD	pcs.		
61266	10	10-11-12-13-14-17-19-21-22-24	4,0

3/4" MM



COD	pcs.		
60694	8	26-27-29-30-32-34-36-38	5,0
61269		21-22-24-27-30-32-36-41	5,0



SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD	pcs.		
61270	8	21-22-24-27-30-32-36-41	6,0

1" MM

COD	pcs.		
61273	9	24-27-30-32-36-38-41-46-50	7,5



SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

COD	pcs.		
61274	9	24-27-30-32-36-38-41-46-50	7,5

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

JUEGOS / SETS / COFRETS / SÄTZE / ASSORTIMENTI / JOGOS / НАБОРЫ

1/2" INCH

COD	pcs.		Kg.
61267	11	3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"	3,2

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE
LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

COD	pcs.		Kg.
61268	11	3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"	4,2

**3/4" INCH**

COD	pcs.		Kg.
61271	8	1"-1.1/16"-1.1/8"-1.1/4"-1.5/16"-1.3/8"-1.7/16"-1.1/2"	5,0

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE
LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

COD	pcs.		Kg.
61272	8	1"-1.1/16"-1.1/8"-1.1/4"-1.5/16"-1.3/8"-1.7/16"-1.1/2"	6,0

**1" INCH**

COD	pcs.		Kg.
61275	9	1"-1.1/8"-1.1/4"-1.5/16"-1.1/2"-1.5/8"-1.3/4"-1.7/8"-2"	7,5

SERIE LARGA / LONG SOCKETS / SÉRIE LONGUE / LANGE SERIE / SERIE
LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

COD	pcs.		Kg.
61276	9	1"-1.1/8"-1.1/4"-1.5/16"-1.1/2"-1.5/8"-1.3/4"-1.7/8"-2"	7,5

