

LLAVES DE VASO DE IMPACTO



EGA Master ofrece una amplia gama de llaves de vaso de impacto, serie corta, serie larga, adaptador, articulación universal, alargadera, anilla de seguridad, pasador de seguridad...etc.

Fabricados en acero cromo-molibdeno, en cromo-vanadio o acero especial están diseñados para soportar altos pares de apriete con mínimo desgaste, proporcionando una mayor durabilidad.

1. Desde 3/8" hasta 3.1/2", disponibles tanto en mm como pulgadas.

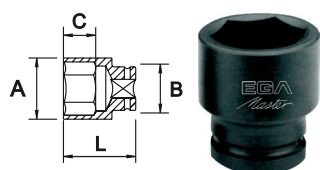
2. Diseño cilíndrico en todas las medidas para aportar una mayor accesibilidad.



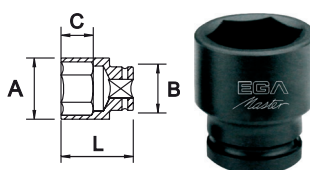
■ LLAVES DE VASO DE IMPACTO

■ 6 PT.- 3/8"

MM



INCH



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

○ DIN 3129

CARACTERÍSTICAS

Cr-V

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

○ DIN 3129

CARACTERÍSTICAS

Cr-V

■ PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

3/8"

HEXAGONAL
MM

COD.		L (mm)			
65920	3	78	45	10	●
65921	4		50		
65922	5		55		
65923	6		65		
65924	8		85		
65925	10		100		
65926	12		120		
65927	14				



INCH.

COD.		L (mm)			
53172	3/16	60	50	10	●
53173	7/32		70		
53174	1/4		75		
53175	9/32		80		
53176	5/16		90		
53177	3/8		100		
53178	7/16		115		
53179	1/2		120		
53180	9/16				
53181	5/8				



TORX®*

COD.		L (mm)			
65928	T-25	60	40	10	●
65929	T-27		45		
65930	T-30		50		
65931	T-40		55		
65932	T-45		65		
65933	T-50		75		
65934	T-55				
65935	T-60				

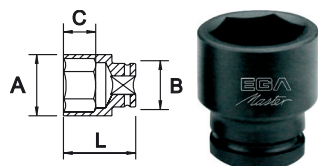


* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

■ STANDARD 6PT

1/2"

MM



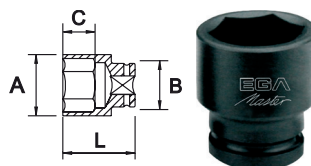
COD.	AF ^{mm}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
60658	8								
57987	9		17			65			
60603	10								
60604	11		19		15				
60605	12		20	24					
60606	13		22			80			
60607	14								
60608	15		24						
60609	16				16				
60610	17		26	26		95			
60611	18	38	28	28		110			
60612	19								
60639	20		29	29	18	6		6	•
60613	21		30	30		120			
60614	22		32	32		140			
58450	23					160			
60615	24		34	34	20	190			
58451	25		36	36		185			
60616	27		38			190			
57988	28			35	21	200			
60617	29		40						
60618	30	43	42	42	20	210			
60619	32	38	44	35					
57989	33	48	46,5			236			
57990	34		46,8	30	23	248			
60712	36	50	50	36		350			

• DIN 3129

CARACTERÍSTICAS

Cr-V

INCH



COD.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
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					
65220	13/16	38	30	30	19				
65221	7/8		32	32	20	130			
65222	15/16		34	34		135	6	6	•
65223	1		36			145			
65224	1.1/16		38			170			
65225	1.1/8		40	35	21	190			
57985	1.3/16		42			200			
65226	1.1/4		44			330			
58447	1.5/16	50	47		28	350			
58448	1.3/8		49	30		410			
58457	1.7/16	55	50		30	490			
58458	1.1/2		52	40					

• DIN 3129

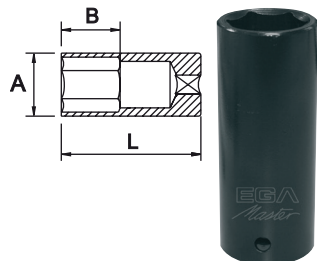
CARACTERÍSTICAS

Cr-V

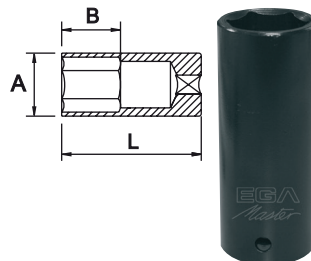
■ SERIE LARGA 6PT

1/2"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g		
57994	9		16	24		142		
60660	10		17					
60661	11		18					
60662	12		19	27				
60663	13		20					
60664	14		22	37	190			
58452	15		24	34				
60665	16							
60666	17		26					
60667	18		27					
60668	19	80	28		6		6	●
57995	20		30			260		
60669	21		31					
60670	22		32	37		310		
60671	23		33			320		
60672	24		34			340		
60673	27		38			400		
60674	29		40			420		
60675	30		42			430		
60676	32		44			450		
57996	34		47	38		503		

● DIN 3129

CARACTERÍSTICAS

Cr-V

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g		
55630	3/8			18	24			
55631	7/16							
55632	1/2		20					
55633	9/16		22	29	190			
55634	5/8		24					
55635	11/16		26					
55636	3/4		28			220		
55637	13/16	80	30		6	250	6	●
55638	7/8		32			290		
55639	15/16		34			320		
55640	1		36	36				
55641	1.1/16		38			370		
55642	1.1/8		40					
57992	1.3/16		42			386		
55643	1.1/4		44			420		
58470	1.5/16		46			450		

● DIN 3129

CARACTERÍSTICAS

Cr-V

■ PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

1/2"

HEXAGONAL

MM

COD.		L (mm)			
65936	4	78	80	10	●
65937	5		85		
65938	6		95		
53183	7		105		
65939	8		110		
53184	9		120		
65940	10		125		
65941	11		135		
65942	12		140		
53185	13		170		
65943	14		200		
53186	15				
65944	17				
53187	18				
65945	19				



INCH.

COD.		L (mm)			
53188	3/16	78	90	10	●
53189	7/32		95		
53190	1/4		100		
53191	9/32		120		
53192	5/16		130		
53193	3/8		140		
53194	7/16		150		
53195	1/2		210		
53196	9/16				
53197	5/8				
53198	11/16				
53199	3/4				



HEXAGONAL SERIE LARGA

COD.		L (mm)			
58660	5	170	260	10	●
58661	6		270		
58662	8		345		
58663	10		350		
58664	12		420		
58665	14		430		



TORX®*

COD.		L (mm)			
65946	T-25	78	75	10	●
65947	T-27		80		
65948	T-30		85		
65949	T-40		90		
65950	T-45		110		
65951	T-50		120		
65952	T-55				
65953	T-60				

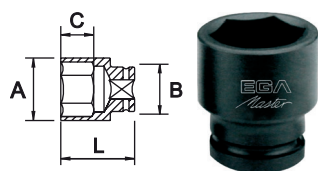


* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

■ STANDARD 6PT

3/4"

MM



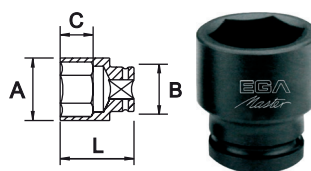
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	Box	Tray
59990	16			44	22	380			
63879	17		30			220			
57334	18		32						
60620	19		33						
57335	20				18				
60621	21	50	35						
60622	22		37	38					
60623	23		38			230			
60624	24		39		22				
57336	25		40		23				
60625	26		41		24				
60626	27		43	40	26				
60627	28		44						
60628	29		45	42		310			
60629	30		46			420			
57337	31		46			430			
60630	32		49			440			
60631	33		50			460			
60632	34	55				480	1		
58454	35		51		27	460			
60633	36					500			
60634	38					550			
57338	39		55			560			
57339	40			44		570			
60635	41					600			
60636	42		60			700			
58455	43		61			610			
57340	44	60	60						
57341	45					700			
60637	46		65						
57342	47	65			28				
63880	48								
60638	50	70	70			1100			
57345	51								
63881	54			55	32				
63891	55	75	75			1250			
63921	60		85		43	1300			

● I DIN 3129

CARACTERÍSTICAS

Cr-Mo

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	Box	Tray
58453	11/16		29	38	16	220			
65227	3/4		33						
65228	13/16		35						
65229	7/8	50	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	55	49			440			
65236	1.5/16		50			460			
65237	1.3/8			44		480			
65238	1.7/16		55		27	500			
65239	1.1/2					6			
68689	1.9/16		58			550	1		
65240	1.5/8	60	60			600			
65241	1.11/16								
65242	1.3/4		65			700			
57344	1.13/16								
65243	1.7/8	65	70			750			
57346	1.15/16								
65244	2				28				
57347	2.1/16	70	75			1100			
57354	2.3/32			55					
57348	2.1/8								
68688	2.3/16	75	80			1350			
57999	2.1/4				35	1450			

● I DIN 3129

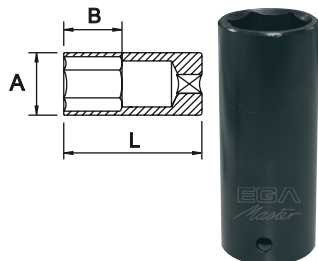
CARACTERÍSTICAS

Cr-Mo

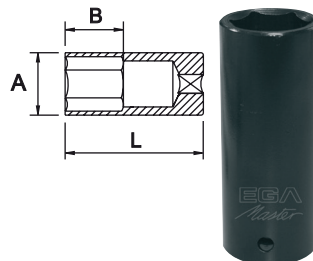
■ SERIE LARGA 6PT

3/4"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	1	2
60678	17		31			500		
60679	19		33					
57349	20		34					
60680	21		35	28	600			
60681	22		37					
57350	23		39					
60682	24		40					
57351	25		41	36				
60683	26		42	50	650			
60684	27		44					
57352	28		45					
57353	29	90	46	55	6	850	1	
60685	30		49					
60686	32		50			900		
60687	33		55	60		950		
60688	34		60					
60689	36		61			940		
60690	38		65	44		1000		
60691	41		70			1100		
63895	42		75			1200		
58456	43					1400		
63945	44							
63896	48							
63897	50							
58459	54							

⊗ DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	1	2
58001	3/4		33			550		
58002	13/16		35					
58003	7/8		37	26	600			
58004	15/16		38			550		
65245	1		40			600		
65246	1.1/16		42	28	650			
65247	1.1/8		44			700		
65248	1.3/16		46			750	1	
65249	1.1/4		48			800		
65250	1.5/16	90	50	30	6	1000		
65251	1.3/8		55	34		1100		
57360	1.7/16		60			1150		
65252	1.1/2		65	42				
57361	1.9/16		70	65				
57362	1.5/8							
57363	1.11/16							
63946	1.3/4							
57364	1.13/16							
57365	1.7/8							
57366	1.15/16							
57367	2							

⊗ DIN 3129

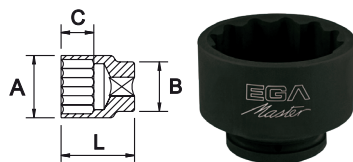
CARACTERÍSTICAS

Cr-Mo

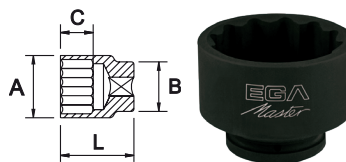
■ STANDARD 12PT

3/4"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
53484	16		30				350		
53518	17		31						
53485	19		33						
53446	20		34						
53486	21	50	35		25				
53487	22		36						
53488	23		37						
53489	24		39			400			
53447	25		42						
53490	26		43		28				
53491	27		45						
53492	28		46						
53493	29		47						
53494	30		49						
53448	31	55	44			450			
53495	32		50						
53496	33								
53497	34								
53481	35					12	1		
53498	36		55			500			
53499	38			30					
53449	39								
53450	40		60						
53500	41					700			
53501	42								
53482	43	60	65						
53451	44								
53452	45								
53502	46					750			
53453	47								
53519	48		70						
53503	50	70							
53455	51			55	35	850			
53520	54		75						
53521	55	75	80			900			
53525	60		85			1000			

■ DIN 3129

CARACTERÍSTICAS

Acero especial

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
53480	11/16		32			350			
53528	3/4		33						
53529	13/16		35						
53530	7/8	50	36		25				
53531	15/16		39			400			
53532	1		42						
53533	1.1/16		43						
53534	1.1/8		46						
53535	1.3/16		48						
53536	1.1/4		50	44		450			
53537	1.5/16	55							
53538	1.3/8								
53539	1.7/16		55			500			
53540	1.1/2				30	12		1	
53555	1.9/16		60						
53541	1.5/8					700			
53542	1.11/16								
53543	1.3/4	60	65						
53454	1.13/16					750			
53544	1.7/8								
53456	1.15/16		70						
53545	2	70				1050			
53457	2.1/16								
53464	2.3/32		75	55	35				
53458	2.1/8					1100			
53554	2.3/16	75	80			1350			
53473	2.1/4								

■ DIN 3129

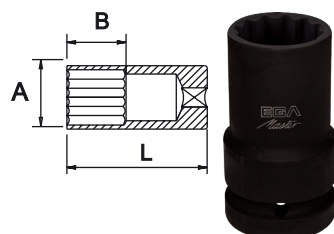
CARACTERÍSTICAS

Acero especial

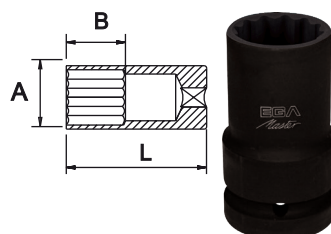
■ SERIE LARGA 12PT

3/4"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g		
53504	17		31			550		
53505	19		33					
53459	20		34			600		
53506	21		35					
53507	22		36	25				
53460	23		38			650		
53508	24		39					
53461	25		42					
53509	26			26		700		
53510	27			28				
53462	28							
53463	29	90	47					
53511	30		49		12	800	1	
53512	32		50			900		
53513	33					950		
53514	34							
53515	36		55	30		1050		
53516	38					1100		
53517	41		60			1200		
53522	42					1450		
53483	43		65					
53526	44					1650		
53523	48	100	70	35		1950		
53524	50							

■ DIN 3129

CARACTERÍSTICAS

Acero especial

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g		
53474	3/4		33					
53475	13/16		35			600		
53476	7/8		36					
53477	15/16		39	25				
53546	1		42			700		
53547	1.1/16		43					
53548	1.1/8		46			800		
53549	1.3/16		48					
53550	1.1/4					900		
53551	1.5/16		50			950		
53552	1.3/8	90			12	1050	1	
53465	1.7/16		55			1100		
53553	1.1/2			30		1200		
53466	1.9/16		60			1300		
53467	1.5/8							
53468	1.11/16					1650		
53527	1.3/4		65					
53469	1.13/16					1950		
53470	1.7/8							
53471	1.15/16		70	35				
53472	2							

■ DIN 3129

CARACTERÍSTICAS

Acero especial

■ PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

3/4"

HEXAGONAL

MM

COD.		L (mm)			
58731	10	100	490	10	●
58732	12		500		
58733	14		550		
58734	17		600		
58735	19		700		
58736	22		850		
58737	24				
58738	27				
58739	30				
58740	32				



INCH.

COD.		L (mm)			
53201	3/8	100	480	10	●
53202	7/16		500		
53203	1/2		550		
53204	9/16		600		
53205	5/8		700		
53206	11/16		750		
53207	3/4		800		
53208	13/16		850		
53209	7/8				
53210	1				
53211	1.1/16				
53212	1.1/8				
53213	1.3/16				
53214	1.1/4				



TORX®*

COD.		L (mm)			
53216	T-50	100	500	10	●
53217	T-55		550		
53218	T-60		600		
53219	T-70		700		
53220	T-80		850		
53221	T-90				
53222	T-100				

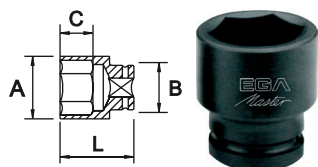


* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

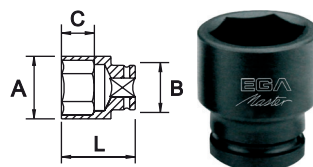
■ STANDARD 6PT

1"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
57372	20		37						
57373	21		38				500		
57374	22		39						
57375	23	60	40						
65534	24		42	50	23				
57376	25								
57377	26		44						
65535	27		45			550			
57378	28		46						
57379	29		48						
65536	30		49						
57380	31		50						
65537	32					600			
57140	33				26				
57141	34	65	53			650			
57142	35								
65538	36		55			700			
57381	37								
60640	38		60			800			
57382	39								
63882	40			28	6	850	1		
60641	41								
60642	42		65						
57383	44	70				900			
57384	45			55		950			
60643	46								
57385	47	75	75			1050			
63890	48			32					
60644	50								
60645	52	80				1100			
60646	54					1150			
60647	55		80	45		1200			
60648	56	85				1250			
60649	57					1300			
60650	58		85			1350			
60651	60			47		1450			
60652	62	90	90						
60653	63					1550			
60654	65	95	95						
60655	70		100	50		1700			
60656	75	100	105	85	55	3600			
63925	80		110			3700			

■ DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
58008	3/4		34			500			
58009	13/16		36	17					
58010	7/8	58	40	54					
58011	15/16		42	18		550			
65253	1		44	26					
65254	1.1/16		46						
65255	1.1/8		48			600			
65256	1.3/16		49			650			
65257	1.1/4	60	50			700			
65258	1.5/16			27					
57143	1.11/32		55			750			
65259	1.3/8								
65260	1.7/16					800			
65261	1.1/2	65	60						
65262	1.9/16			28		850			
65263	1.5/8								
65264	1.11/16	70	65						
65265	1.3/4					900			
65266	1.13/16		70	55		950			
65267	1.7/8	75				1000	1		
68690	1.15/16								
65268	2		75	32		1100			
68691	2.1/16								
65269	2.1/8	80	80			1400			
58028	2.3/16								
65270	2.1/4	85	85						
68692	2.5/16					1700			
65271	2.3/8								
68693	2.7/16	90	90	47		2000			
65272	2.1/2								
68694	2.9/16		95			2200			
65273	2.5/8	95	97			2250			
58012	2.11/16		99			2550			
58013	2.3/4		101			3250			
58014	2.13/16	100	103	86	53	3400			
58015	2.7/8		104			3500			
58016	2.15/16		108			2800			
57983	3	90	112	68	50	3000			
57984	3.1/8					3500			
58017	3.3/16	100	110	86	53				

■ DIN 3129

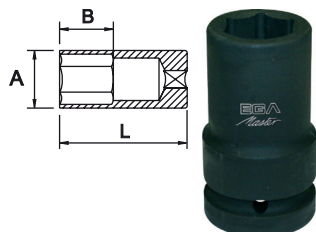
CARACTERÍSTICAS

Cr-Mo

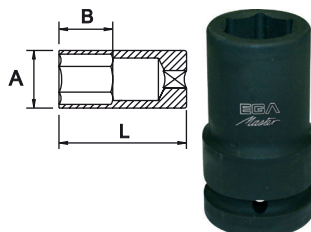
■ SERIE LARGA 6PT

1"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g		
56198	19					750		
57387	21		40					
63898	22			16				
63899	23		41			800		
65539	24		42					
57388	25		43					
63900	26		44			900		
65540	27		46			950		
63905	28		47	19				
63901	29		48					
65541	30	90	49					
65542	32		50			1000		
63902	33				6			
63903	34		55				1	
63904	35			23				
65543	36					1050		
65544	38		60			1100		
57392	40							
63883	41					1200		
63906	42		65			1300		
63907	43			40				
65546	46		70			1500		
57393	47	100	75			1600		
65547	50		80			1900		
63908	55			50		2500		
63909	60	120	90					

■ DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g		
58018	3/4		34			700		
58019	13/16		36					
58020	7/8		40	19		800		
58021	15/16	90	42					
57398	1		43					
57399	1.1/16		45			850		
65274	1.1/8		48	30		1200		
65275	1.3/16		49					
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		60		6	1400	1	
65281	1.9/16					1450		
65282	1.5/8		65			1550		
65283	1.11/16	110				1600		
65284	1.3/4		70	42		1650		
65285	1.13/16					1700		
65286	1.7/8		75			1800		
57400	1.15/16					1800		
65287	2					1900		
58022	2.1/16		78			2050		
58023	2.1/8		80	55		2200		
58024	2.3/16					2400		
58025	2.1/4		85					
58026	2.5/16	120		60				
58027	2.3/8							

■ DIN 3129

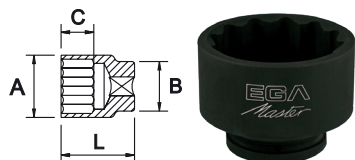
CARACTERÍSTICAS

Cr-Mo

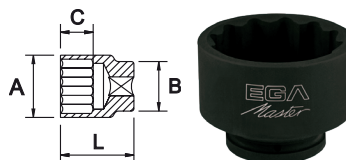
STANDARD 12PT

1"

MM



INCH



COD.	AF _{mm}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
53316	20		35						
53317	21		36						
53318	22		37						
53319	23	55	38	55	25	700			
53428	24		40						
53320	25		41						
53321	26		42						
53429	27		45						
53322	28		47						
53323	29		48						
53430	30		50			750			
53324	31								
53431	32	60			30				
53312	33		55			800			
53313	34			60		850			
53314	35								
53432	36		60			900			
53325	37								
53360	38								
53326	39								
53377	40	65	65			12	950	1	
53361	41				35				
53362	42								
53327	44								
53328	45	70	70						
53363	46								
53329	47								
53379	48		75						
53364	50								
53365	52	75	80						
53366	54								
53367	55								
53368	56			70	40				
53369	57		85						
53370	58								
53371	60	85	90						
53372	62								
53373	63								
53374	65		95						
53375	70		100						
53376	75	90	105		50				
53392	80		110						

DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF _{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
53340	3/4		34						
53341	13/16		35						
53342	7/8	55	37	55	25	700			
53343	15/16		40						
53393	1		41						
53394	1.1/16		45						
53395	1.1/8		48						
53396	1.3/16		50			750			
53397	1.1/4								
53398	1.5/16	60	55			800			
53315	1.11/32			60	30	850			
53399	1.3/8								
53400	1.7/16		60			900			
53401	1.1/2								
53402	1.9/16	65				950			
53403	1.5/8		65						
53404	1.11/16								
53405	1.3/4	70	70		35	1000			
53406	1.13/16					1300			
53407	1.7/8					1400	12		1
53441	1.15/16		75						
53408	2					1500			
53442	2.1/16	75	80						
53409	2.1/8					1600			
53410	2.1/4		85			1800			
53443	2.5/16				40				
53411	2.3/8					2100			
53444	2.7/16	85	90	70					
53412	2.1/2								
53445	2.9/16					2150			
53413	2.5/8		95						
53344	2.11/16					2500			
53345	2.3/4		100						
53346	2.13/16								
53347	2.7/8	90	105		50	2800			
53348	2.15/16								
53338	3		110						
53339	3.1/8					3000			
53349	3.3/16		115						

DIN 3129

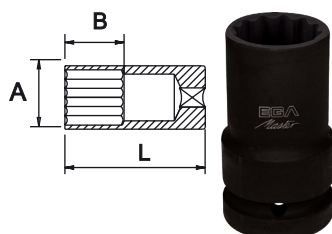
CARACTERÍSTICAS

Cr-Mo

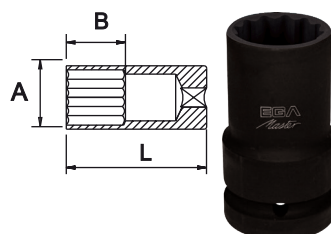
■ SERIE LARGA 12PT

1"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	1	2
56199	19		34					
53330	20		35	25	800			
53331	21		36					
53380	22		37					•
53381	23		39		950			
53433	24		40					
53332	25		42	30				
53382	26		44					
53434	27		46		1000			
53387	28		48					
53383	29		50					
53435	30							
53436	32							
53384	33	100	55	35	12	1		
53385	34				1200			
53386	35							
53437	36		60					-
53438	38				1400			
53333	40							
53378	41		65		1550			
53388	42			40				
53389	43				1600			
53439	46		70		2100			
53334	47							
53440	50		75	45	2400			
53390	55		80	50	2750			
53391	60		90		2800			



DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	1	2
53350	3/4		34					
53351	13/16		35		800			
53352	7/8		37		950			•
53353	15/16		40					
53335	1		43	30				
53336	1.1/16		45		1000			
53414	1.1/8		48					
53415	1.3/16		50					
53416	1.1/4							
53417	1.5/16		55		1200			
53418	1.3/8							
53419	1.7/16			35				
53420	1.1/2		60		1400			
53421	1.9/16	100			1550	12		1
53422	1.5/8		65		1600			-
53423	1.11/16							
53424	1.3/4							
53425	1.13/16		70	40	2100			
53426	1.7/8				2300			
53337	1.15/16		75		2400			
53427	2							
53354	2.1/16		80					
53355	2.1/8							
53356	2.3/16				2750			
53357	2.1/4		85	45				
53358	2.5/16				2800			
53359	2.3/8		90					



DIN 3129

CARACTERÍSTICAS

Cr-Mo

■ PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

1"

HEXAGONAL

MM

COD.		L (mm)			
58741	10	100	700	10	•
58742	12				
58743	14				
58744	17				
58745	19				
58746	22				
58747	24				
58748	27				
58749	30				
58750	32				



INCH.

COD.		L (mm)			
53234	3/8	100	700	10	•
53235	7/16				
53236	1/2				
53237	9/16				
53238	5/8				
53239	11/16				
53240	3/4				
53241	13/16				
53242	7/8				
53243	1				
53244	1.1/16	1000	950	-	-
53245	1.1/8				
53246	1.3/16				
53247	1.1/4				



TORX®*

COD.		L (mm)			
53249	T-50	100	700	10	•
53250	T-55		750		
53251	T-60		850		
53252	T-70		900		
53253	T-80		950		
53254	T-90		1050		
53255	T-100		1150		

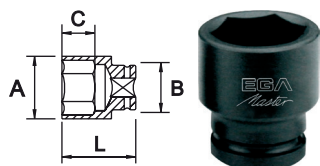


*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

■ STANDARD 6PT

1.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
63884	34								
65666	35								
65737	36		60			2,2			
63885	38								
63886	40	80			31				
63887	41		70						
63888	42					2,4			
63889	43								
65426	46		75						
65427	50	85	80		33				
65428	55	90	85		36	2,7			
65429	60		90		39	2,8			
65430	65	95	95		40	3,2			
65431	70	100	105		40	3,5			
65432	75	105	110		40	4,0			
68697	77			85	42	6	4,5	1	-
65433	80		115						
65434	85	110	120		50	5,0			
65435	90		130			5,5			
65436	95		135			6,0			
65437	100	115	140		55	6,5			
65438	105	120	145			7,5			
65439	110	125	155		70	8,0			
65440	115		160		72	9,0			
65441	120	130	165			10			
65442	125	135	175		77				
65443	130	140	180			12			
65444	135	145	185		80	14			
65445	140		190						
65446	145	150	195			15			
65447	150	155	200		85	15,5			



DIN 3129

CARACTERÍSTICAS

Cr-Mo

INCH

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
58029	1.5/16		62	86					
68700	1.3/8					2,2			
68701	1.7/16		65						
68702	1.1/2	80			31	6		1	-
68703	1.9/16								
68704	1.5/8		70	85					
68705	1.11/16					2,4			
68706	1.3/4	85	75						
68707	1.13/16								

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
68708	1.7/8								
68709	1.15/16		75						
68710	2	85			31	2,4			
68711	2.1/16		80						
68712	2.1/8								
68713	2.3/16		85						
68714	2.1/4				32	2,7			
68715	2.5/16	90	90						
68716	2.3/8					2,8			
68717	2.7/16				35				
68718	2.1/2		95						
68719	2.9/16	95				3,2			
68720	2.5/8								
68721	2.11/16		100		40				
68722	2.3/4	100				3,5			
68723	2.13/16		105						
68724	2.7/8								
68725	2.15/16	105	110	85	42	4,0			
68726	3								
68727	3.1/16								
68728	3.1/8								
68729	3.3/16		115			4,5			
68730	3.1/4		120		6		1	-	
68731	3.5/16								
68732	3.3/8				50	5,0			
68733	3.7/16	110	125						
68734	3.1/2								
68735	3.9/16		130			5,5			
68736	3.5/8								
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		55	6,5			
68742	4								
58030	4.1/8	120	146	86		9,0			
58031	4.3/16		148			10			
58032	4.1/4		151						
58033	4.5/16	124	153		70				
58034	4.3/8		156			11			
58035	4.7/16		158						
58036	4.1/2	128	160	127	72	12			
58037	4.5/8		163			13			
58038	4.3/4	132	166		77	14			
58039	5	136	175			16			



DIN 3129

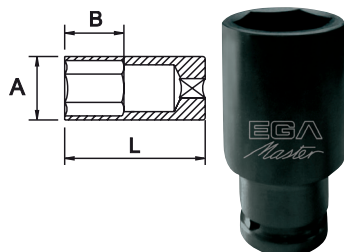
CARACTERÍSTICAS

Cr-Mo

■ SERIE LARGA 6PT

1.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	Kg		
56100	34							
56101	35		60		2,8			
56102	36							
56103	38	120			2,9			
56104	40			31				
56105	41		70		3,0			
56106	42				3,2			
56107	43		75		3,3			
56108	46				3,8			
56109	50		80	33	4,0			
56110	55	150	85	36	4,5			
56111	60		90		5,0			
56112	65		95	39	5,5			
56113	70		105	40	6,5			
56114	75	170	110		7,0			
56115	77		115	42	7,5	1	-	
56116	80				8,0			
56117	85		120	50	8,5			
56118	90	180	130		9,0			
56119	95		135	55	9,5			
56120	100		140		10			
56121	105		145		11			
56122	110		155	60	14			
56123	115	190	160		16			
56124	120		165		18			
56125	125		175	75	19			
56126	130		180		21			
56127	135		185		22			
56128	140	200	190	80	23			
56129	145		195		24			
56130	150		200	85	25			

⊗ DIN 3129

CARACTERÍSTICAS

Cr-Mo

INCH

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	Kg		
58041	1.5/16		62		2,7			
56131	1.3/8				2,8			
56132	1.7/16		65					
56133	1.1/2	120		31	2,9		1	-
56134	1.9/16		70					
56135	1.5/8				3,0			
56136	1.11/16		75		3,1			
56137	1.3/4				3,2			

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	Kg		
56138	1.13/16							
56139	1.7/8		75	31	3,8			
56140	1.15/16			33				
56141	2		80		4,0			
56142	2.1/16							
56143	2.1/8		85	36				
56144	2.3/16				4,5			
56145	2.1/4	150						
56146	2.5/16		90					
56147	2.3/8			39	5,0			
56148	2.7/16							
56149	2.1/2		95					
56150	2.9/16				5,5			
56151	2.5/8							
56152	2.11/16		100		6,0			
56153	2.3/4			40				
56154	2.13/16		105		6,5			
56155	2.7/8	170						
56156	2.15/16				7,0			
56157	3		110	42				
56158	3.1/16				6		1	-
56159	3.1/8		115					
56160	3.3/16				8,0			
56161	3.1/4		120					
56162	3.5/16			50	8,5			
56163	3.3/8							
56164	3.7/16		125		9,0			
56165	3.1/2	180						
56166	3.9/16		130					
56167	3.5/8			55				
56168	3.11/16				9,5			
56169	3.3/4		135					
56170	3.13/16							
56171	3.7/8				10,0			
56172	3.15/16		140		10,5			
56173	4							
58042	4.1/16		143					
58043	4.1/8		146		11			
58044	4.3/16		148		12			
58045	4.1/4		151	60	13			
58046	4.5/16	190	153		14			
58047	4.3/8		156		14			
58048	4.1/2		160		16			
58049	4.5/8		163		17			
58050	4.3/4		166	77	18			

⊗ DIN 3129

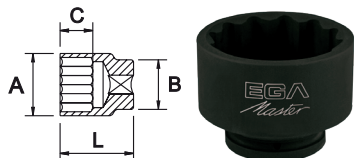
CARACTERÍSTICAS

Cr-Mo

■ STANDARD 12PT

1.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53919	32	75	55			2			
53651	34					2,2			
53679	35		60			2,5			
53680	36								
53652	38	80			31				
53653	40					2,6			
53654	41		70						
53655	42								
53656	43		75			2,7			
53657	46	85	80		33	2,8			
53658	50				36	3			
53659	55	90	85	85	39	3,2			
53660	60		90			3,6			
53661	65	95	95		40	4			
53662	70	100	105		42	5			
53663	75	105	110						
53681	77		115						
53664	80					6			
53665	85	110	120		50	7			
53666	90		130						
53667	95		135						
53668	100	115	140		55	9			
53669	105	120	145			11			
53670	110	125	155		70	12			
53671	115		160			13			
53672	120	130	165		75	15			
53673	125	135	175			17			
53674	130	140	180	125		18			
53675	135	145	185		80	19			
53676	140		190						
53677	145	150	195						
53678	150	155	200		85				



DIN 3129

CARACTERÍSTICAS

CrMo

INCH

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53630	1.5/16		60			2,2			
53682	1.3/8					2,6			
53683	1.7/16		65			2,5			
53684	1.1/2	80			31	12			
53685	1.9/16		70			2,6			
53686	1.5/8								
53687	1.11/16		75			2,7			
53688	1.3/4	85							

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53689	1.13/16					2,7			
53690	1.7/8		75			2,8			
53691	1.15/16	85			31				
53692	2		80			2,9			
53693	2.1/16					3			
53694	2.1/8		85			3,1			
53695	2.3/16				32	3,2			
53696	2.1/4	90	90			3,3			
53697	2.5/16					3,4			
53698	2.3/8					3,6			
53699	2.7/16				35	3,7			
53700	2.1/2		95			3,9			
53701	2.9/16	95							
53702	2.5/8								
53703	2.11/16				40				
53704	2.3/4	100							
53705	2.13/16		105			4			
53706	2.7/8								
53707	2.15/16	105	110	85	42	5			
53708	3								
53709	3.1/16								
53710	3.1/8								
53711	3.3/16		115		12				
53712	3.1/4		120			6			
53713	3.5/16								
53714	3.3/8				50				
53715	3.7/16	110	125						
53716	3.1/2								
53717	3.9/16		130			7			
53718	3.5/8								
53719	3.11/16								
53720	3.3/4		135						
53721	3.13/16								
53722	3.7/8				55	8			
53723	3.15/16	115	140			9			
53724	4					10			
53631	4.1/8	120	145			11			
53632	4.3/16		150			12			
53633	4.1/4					13			
53634	4.5/16	125	155			14			
53635	4.3/8				70	15			
53636	4.7/16		160			16			
53637	4.1/2	130	165	125					
53638	4.5/8				75				
53639	4.3/4								
53640	5	135	175						



DIN 3129

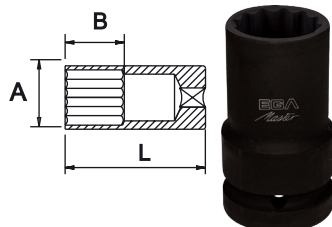
CARACTERÍSTICAS

CrMo

■ SERIE LARGA 12PT

1.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	Kg		
53556	34							
53557	35					2,8		
53558	36		60					
53559	38	120				2,9		
53560	40			31		3		
53561	41		70					
53562	42					3,2		
53563	43					3,3		
53564	46		75			3,8		
53565	50		80	33				
53566	55	150	75	36		4		
53567	60		90					
53568	65		95	39		5		
53569	70		105	40		6		
53570	75	170	110					
53571	77			42	12	7	1	-
53572	80		115			8		
53573	85		120	50				
53574	90	180	130			9		
53575	95		135	55				
53576	100		140			10		
53577	105		145			11		
53578	110		155	60		14		
53579	115	190	160			16		
53580	120		165			18		
53581	125		175	75		19		
53582	130		180			21		
53583	135		185			22		
53584	140	200	190	80		23		
53585	145		195			24		
53586	150		200	85		25		

⊙ DIN 3129

CARACTERÍSTICAS

CrMo

INCH

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	Kg		
53641	1.5/16		60	30		2,7		
53587	1.3/8					2,8		
53588	1.7/16		65			2,9		
53589	1.1/2	120						
53590	1.9/16							
53591	1.5/8		70	31	12	3	1	-
53592	1.11/16					3,1		
53593	1.3/4		75			3,2		
53594	1.13/16	150				3,8		

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	Kg		
53595	1.7/8			31		3,8		
53596	1.15/16		75					
53597	2			33				
53598	2.1/16		80			4		
53599	2.1/8			36				
53600	2.3/16		85					
53601	2.1/4	150						
53602	2.5/16		90					
53603	2.3/8			39		5		
53604	2.7/16							
53605	2.1/2		95					
53606	2.9/16							
53607	2.5/8		100					
53608	2.11/16			40		6		
53609	2.3/4							
53610	2.13/16		105					
53611	2.7/8	170				7		
53612	2.15/16							
53613	3		110	42				
53614	3.1/16							
53615	3.1/8		115		12		1	-
53616	3.3/16							
53617	3.1/4		120			8		
53618	3.5/16			50				
53619	3.3/8							
53620	3.7/16		125					
53621	3.1/2					9		
53622	3.9/16	180	130					
53623	3.5/8			55				
53624	3.11/16							
53625	3.3/4		135					
53626	3.13/16					10		
53627	3.7/8							
53628	3.15/16		140					
53629	4							
53642	4.1/16		145			11		
53643	4.1/8							
53644	4.3/16		150	60		12		
53645	4.1/4					13		
53646	4.5/16	190	155			14		
53647	4.3/8							
53648	4.1/2		160			16		
53649	4.5/8					17		
53650	4.3/4		165	75		18		

⊙ DIN 3129

CARACTERÍSTICAS

CrMo

■ PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

1.1/2"

HEXAGONAL

MM

COD.		L (mm)			
53257	17	105			
53258	18				
53259	19				
53260	20		2,3		
53261	21				
53262	22	110			
53263	23		2,4		
53264	24				
53265	25				
53266	26		2,5		
53267	27				
53268	28				
53269	29		2,6		
53270	30	115			
53271	31		2,7		
53272	32				
53273	33			1	-
53274	34		2,8		
53275	35				
53276	36	120			
53277	37				
53278	38		2,9		
53279	39				
53280	40		3,0		
53281	41	125	3,1		
53282	42		3,3		
53283	43				
53284	44				
53285	45	130	3,4		
53286	46				
53287	50	135	3,9		
53288	55	140	4,5		



INCH.

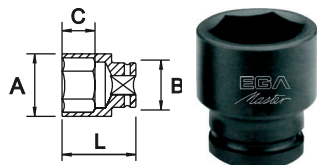
COD.		L (mm)			
53289	11/16	105			
53290	3/4				
53291	13/16		2,3		
53292	7/8	110			
53293	15/16		2,4		
53294	1		2,5		
53295	1.1/16				
53296	1.1/8		2,6		
53297	1.3/16	115	2,7		
53298	1.1/4				
53299	1.5/16				
53300	1.3/8		2,8	1	-
53301	1.7/16	120	2,9		
53302	1.1/2		3,0		
53303	1.9/16		3,1		
53304	1.5/8	125	3,3		
53305	1.11/16		3,4		
53306	1.3/4				
53307	1.13/16	130	3,7		
53308	1.7/8		3,8		
53309	1.15/16		3,9		
53310	2	135	4,5		
53311	2.3/16	140			



■ STANDARD 6PT

2.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
68817	41		80						
68818	42								
68819	46		85						
68820	50	120	90		36				
68821	55		95				7,5		
68822	60		100						
68823	65		105						
65452	70		110		40				
65453	75	125	120		45				
65454	80		125				8,0		
65455	85	130	130				8,5		
65456	90		135		50		9,0		
65457	95		140				11		
65458	100	140	145		55				
65459	105	145	155		60		13		
65460	110	155	160		65				
65461	115		165				15		
65462	120	160	175		70		16		
65463	125	165	180				18		
65464	130	170	185	130	75	6	19	1	-
65465	135	175	190						
65466	140	180	200		80		20		
65467	145	185							
65468	150	190	210		85		21		
65469	155	195	220				25		
65470	160				90		28		
65471	165	200	230				30		
65472	170				95		32		
65473	175	210	240				35		
65474	180		250				37		
65475	185	220	260		110		40		
65476	190		270				43		
65477	200						46		
68824	205		280				49		
68825	210				120		55		
68826	215	230	290				60		
68827	220		300						
68828	225		310				65		



DIN 3129

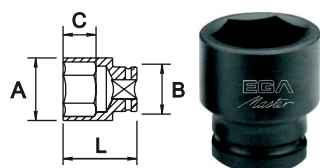
CARACTERÍSTICAS

Cr-Mo

■ STANDARD 6PT

2.1/2"

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
68744	2		90						
68745	2.1/16								
68746	2.1/8								
68747	2.3/16		95						
68748	2.1/4				36				
68749	2.5/16	120	100			7,5			
68750	2.3/8								
68751	2.7/16								
68752	2.1/2								
68753	2.9/16		105						
68754	2.5/8								
68755	2.11/16			40					
68756	2.3/4		110			7,6			
68757	2.13/16								
68758	2.7/8		115						
68759	2.15/16				45	7,7			
68760	3	125	120						
68761	3.1/16								
68762	3.1/8					7,8			
68763	3.3/16		125						
68764	3.1/4								
68765	3.5/16			50					
68766	3.3/8		130			8,4			
68767	3.7/16	130							
68768	3.1/2								
68769	3.9/16		135			8,8			
68770	3.5/8			130	6		1		
68771	3.11/16				55				
68772	3.3/4		140			11			
68773	3.13/16	140							
68774	3.7/8		145						
68775	3.15/16								
68776	4		150		60				
68777	4.1/16								
68778	4.1/8	145	155			13			
68779	4.3/16								
68780	4.1/4								
68781	4.5/16	155	160		65				
68782	4.3/8								
68783	4.1/2		165						
68784	4.9/16					15			
68785	4.5/8	160	170		70				
68786	4.11/16								
68787	4.3/4		175			16			
68788	4.13/16								
68789	4.7/8	165	180		75	18			
68790	4.15/16								
68791	5	170	185			19			
68792	5.1/4								
68793	5.5/16	175	190		80				
68794	5.3/8						20		
68795	5.1/2	180	200						
68796	5.3/4	185	210		85				
68797	6								

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
68798	6.1/4		220						
68799	6.5/16				90		28		
68800	6.3/8	200	230						
68801	6.1/2						30		
68802	6.3/4	210	240		95		32		
68803	7						35		
68804	7.1/4		250		110				
68805	7.5/16						40		
68806	7.3/8	220	260	130		6		1	
68807	7.1/2		270				43		
68808	7.3/4		280				49		
68809	8						55		
68810	8.1/4				120				
68811	8.5/16	230	290				60		
68812	8.3/8								
68813	8.1/2								
68814	8.3/4		300				65		
68815	9								



DIN 3129

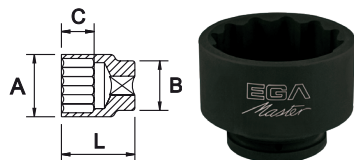
CARACTERÍSTICAS

Cr-Mo

■ STANDARD 12PT

2.1/2"

MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	Pt			
53823	41		80				7		
53824	42								
53825	46		85						
53826	50	120	90		36				
53827	55		95						
53828	60		100						
53829	65		105				8		
53725	70		110		40				
53726	75	125	120		45				
53727	80		125						
53728	85	130	130		50				
53729	90		135				9		
53730	95	140	140		55		11		
53731	100		145						
53732	105	145	155		60		13		
53733	110	155	160		65				
53734	115	160	165				15		
53735	120		175		70		16		
53736	125	165	180	130	75	12	18	1	-
53737	130	170	185				19		
53738	135	175	190						
53739	140	180	200		80		20		
53740	145	185	210						
53741	150	190			85		21		
53742	155	195	220		90		25		
53743	160	200	230				28		
53744	165	205					30		
53745	170		240		95		27		
53746	175	210					35		
53747	180		250				37		
53748	185	220	260		110		40		
53749	190		270				43		
53750	200		280				46		
53830	205						49		
53831	210	230	290		120		55		
53832	215						60		
53833	220		300						
53834	225		310				65		



DIN 3129

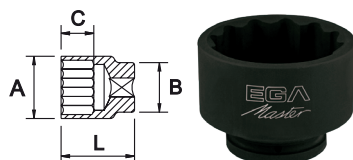
CARACTERÍSTICAS

CrMo

■ STANDARD 12PT

2.1/2"

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53751	2		90						
53752	2.1/16								
53753	2.1/8		95						
53754	2.3/16								
53755	2.1/4				36				
53756	2.5/16	120							
53757	2.3/8		100						
53758	2.7/16								
53759	2.1/2								
53760	2.9/16		105						
53761	2.5/8								
53762	2.11/16				40		8		
53763	2.3/4		110						
53764	2.13/16								
53765	2.7/8		115						
53766	2.15/16				45				
53767	3	125	120						
53768	3.1/16								
53769	3.1/8								
53770	3.3/16		125						
53771	3.1/4								
53772	3.5/16				50				
53773	3.3/8		130						
53774	3.7/16	130							
53775	3.1/2								
53776	3.9/16		135				9		
53777	3.5/8			130		12		1	-
53778	3.11/16				55				
53779	3.3/4		140				11		
53780	3.13/16	140							
53781	3.7/8								
53782	3.15/16		145						
53783	4		150		60				
53784	4.1/16								
53785	4.1/8	145	155				13		
53786	4.3/16								
53787	4.1/4		160						
53788	4.5/16	155	155		65				
53789	4.3/8		160						
53790	4.1/2		165						
53791	4.9/16						15		
53792	4.5/8	160	170		70				
53793	4.11/16								
53794	4.3/4		175				16		
53795	4.13/16								
53796	4.7/8	165	180		75		18		
53797	4.15/16								
53798	5	170					19		
53799	5.1/4		185						
53800	5.5/16	175	190		80				
53801	5.3/8						20		
53802	5.1/2	180	200						
53803	5.3/4	185	210		85				

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53804	6	185	210		85		20		
53805	6.1/4		220						
53806	6.5/16				90		28		
53807	6.3/8	200	230						
53808	6.1/2						30		
53809	6.3/4	210	240		95		32		
53810	7						35		
53811	7.1/4		250		110				
53812	7.5/16						40		
53813	7.3/8	220	260	130		12		1	-
53814	7.1/2		270				43		
53815	7.3/4								
53816	8		280				49		
53817	8.1/4				120		55		
53818	8.5/16								
53819	8.3/8	230	290				60		
53820	8.1/2								
53821	8.3/4		300				65		
53822	9								

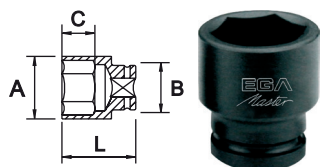
DIN 3129

CARACTERÍSTICAS
CrMo

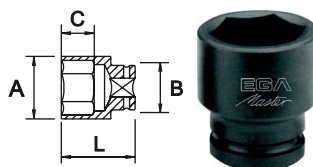
■ STANDARD 6PT

3.1/2"

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
67500	100		170			16			
67501	105	180	175		100	17			
67502	110		185			21			
67503	115	200	190		115	24			
67504	120		195			25			
67505	125		200	180		28			
67506	130	210	210		120	30			
67507	135				125	34			
67508	140		220		130	37			
67509	145	220	230			39			
67510	150		240		135	43			
67511	155					45			
67512	160		250		140	50			
67513	165	230	260			55			
67514	170								
67515	175		270	200	145	60			
67516	180		280		150				
67517	185	240				65		1	-
67518	190		290		155	70			
67519	195		300						
67520	200		310		160	80			
67521	205	250							
67522	210		320		165	85			
67523	215		330			90			
67524	220	260	340		170	95			
67525	225					105			
67526	230		350		175				
67527	235	270	360			110			
67528	240		370	230	185	115			
67529	245					120			
67530	250	280	380		190	125			
67531	255		390			130			
67532	260		400		195	135			
67533	265	290				140			
67534	270		410			145			
67535	275		420		200	150			
67536	280	300	430						

⊗ DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
68830	4		170			16			
68831	4.1/16		175						
68832	4.1/8					17			
68833	4.3/16	180	180		100				
68834	4.1/4								
68835	4.5/16		185			21			
68836	4.3/8								
68837	4.1/2								
68838	4.9/16		190			24			
68839	4.5/8								
68840	4.11/16		195	180	115				
68841	4.3/4	210				25			
68842	4.13/16		200						
68843	4.7/8								
68844	4.15/16				120	28			
68845	5		210						
68846	5.1/4					30			
68847	5.5/16								
68848	5.3/8	220	220		125	34			
68849	5.1/2				130	37			
68850	5.3/4		230						
68851	6		240		135	43			
68852	6.1/4								
68853	6.5/16	230	250		140	6	50	1	-
68854	6.3/8								
68855	6.1/2		260			55			
68856	6.3/4		270	200	145	60			
68857	7								
68858	7.1/4	240	280						
68859	7.5/16				150	66			
68860	7.3/8		290						
68861	7.1/2				155	70			
68862	7.3/4	250	300			80			
68863	8		310		160				
68864	8.1/4								
68865	8.5/16		320		165	85			
68866	8.3/8	260							
68867	8.1/2		330			90			
68868	8.3/4				170				
68869	9		350			105			
68870	9.1/4	270		230	175				
68871	9.5/16		360			110			
68872	9.3/8								
68873	9.1/2	280	370		185				
68874	9.3/4		380			115			
68875	10		390		190	125			
68876	10.1/4	290	400		195	130			

⊗ DIN 3129

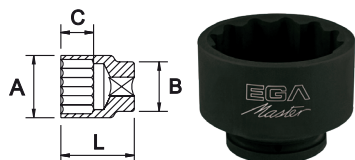
CARACTERÍSTICAS

Cr-Mo

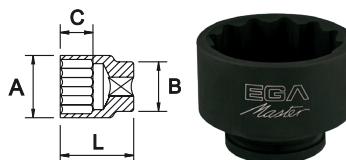
■ STANDARD 12PT

3.1/2"

MM



INCH



COD.	AF ^{mm}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53835	100		170			16			
53836	105	180	175		100	17			
53837	110		185			21			
53838	115		190		115	24			
53839	120	210	195			25			
53840	125		200	180		28			
53841	130		210		120	30			
53842	135				125	34			
53843	140	220	220		130	37			
53844	145		230			40			
53845	150					43			
53846	155	230	240		135	46			
53847	160		250		140	50			
53848	165		260			55			
53849	170		270	200	145	60			
53850	175	240							
53851	180		280		150				
53852	185		290			65			
53853	190				155	12	1	-	
53854	195	250	300			70			
53855	200		310		160	80			
53856	205		320			85			
53857	210				165	90			
53858	215	260	330		170	95			
53859	220		340						
53860	225		350			105			
53861	230	270			175				
53862	235		360			110			
53863	240		370	230	185				
53864	245	280	380			115			
53865	250		390		190	120			
53866	255		400			125			
53867	260	290			195	130			
53868	265		410			135			
53869	270	300	420		200	140			
53870	275		430		210	145			
53871	280					150			

■ DIN 3129

CARACTERÍSTICAS

CrMo

COD.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53872	4		170			16			
53873	4.1/16		175						
53874	4.1/8	180			100	17			
53875	4.3/16		180						
53876	4.1/4		185			21			
53877	4.5/16								
53878	4.3/8								
53879	4.1/2		190			24			
53880	4.9/16								
53881	4.5/8				115				
53882	4.11/16	210	195	180		25			
53883	4.3/4		200						
53884	4.13/16								
53885	4.7/8				120	28			
53886	4.15/16								
53887	5		210			30			
53888	5.1/4								
53889	5.5/16		220		125	34			
53890	5.3/8	220			130	37			
53891	5.1/2		230		135	43			
53892	5.3/4		240						
53893	6								
53894	6.1/4	230	250		140	12	50	1	-
53895	6.5/16								
53896	6.3/8		260			55			
53897	6.1/2								
53898	6.3/4		270	200	145	60			
53899	7		280						
53900	7.1/4	240			150	65			
53901	7.5/16		290						
53902	7.3/8				155	70			
53903	7.1/2	250	300		160	80			
53904	7.3/4		310						
53905	8								
53906	8.1/4		320		165	85			
53907	8.5/16	260							
53908	8.3/8		330			90			
53909	8.1/2				170	95			
53910	8.3/4		350			105			
53911	9			230	175				
53912	9.1/4	270							
53913	9.5/16		360			110			
53914	9.3/8				185				
53915	9.1/2	280	370			115			
53916	9.3/4		380		190	125			
53917	10		390		195	130			
53918	10.1/4	290	400						

■ DIN 3129

CARACTERÍSTICAS

CrMo

■ ADAPTADOR

COD.	 inch			
60696	3/8-1/2	50	6	•
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		

DIN 3121



COD.	 inch			
68698	1-1.1/2	1100	6	•
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

COD.	 inch			
60704	3/8	80	6	●
60705	1/2	180		
67133	3/8	80		
67134	1/2	180		
60706	3/4	600	4	
60707	1	1250	2	
60708	1.1/2	3000	1	
60709	2.1/2	6000		

DIN 3121



■ ALARGADERA

COD.	 inch	L (mm)			
60710	3/8	75	80	6	●
60711	1/2	125	220		
60713		250	430		
57368		100	450		
60714	3/4	175	850		
57369		250	1050		
57370		450	1900		
57371		600	2450		
57401	1	150	1050	4	
60716		175	1500		
57402		250	1850		
60717		330	2550		
57403		450	3400		
57409	1.1/2	600	4500	1	
65450		250	5500		
65451		300	6500		

DIN 3121



■ ANILLA DE SEGURIDAD

COD.		Rango (mm)		
60724	3/4	17-46	5,0	6
60725		50-60		
63274	1	24-38	10	
60726		38-70		
60727		75-80		
60783	1.1/2	34-109	20	
61282		110-150		
60784	2.1/2	41-70		
63275		70-200		
63276		200-225		



■ PASADOR DE SEGURIDAD

COD.		Rango (mm)		
60732	3/4	17-46	10	6
60733		50-60		
63277	1	24-38	15	
60734		38-70		
60735		75-80		
60767	1.1/2	34-110	20	
61054		110-150		
63278	2.1/2	41-70	25	
60768		70-200		
63279		200-225		



JUEGOS LLAVES DE VASO DE IMPACTO

Juegos tanto en mm como en pulgadas de 3/8", 1/2", 3/4" y 1".



3/8"

JUEGOS

STANDARD

MM

COD.		PCS.	Pt	
58684	3/8	10	6	0,5
Composición		Descripción		
60590, 60591, 60593, 60594, 60595, 60596, 60597, 60599, 60600, 60602		Llaves de vaso de impacto 7-8-10-11-12-13-14-16-17-19 mm		

INCH

COD.		PCS.	Pt	
58683	3/8	10	6	1,0
Composición		Descripción		
65205, 65206, 65207, 65208, 65209, 65210, 65211, 65212, 68685, 68686		Llaves de vaso de impacto 10-11-12-13-14-17-19-21-22-24 mm		

3/8"

■ JUEGOS

STANDARD

MM

COD.		PCS.	Pt	
59142	3/8	8	6	0,5

Composición	Descripción	
65920, 65921, 65922, 65923, 65924, 65925, 65926, 65927	Puntas atornilladoras de impacto con vaso	HEX-3 - HEX-4 - HEX-5 - HEX-6 - HEX-8 - HEX-10 - HEX-12 - HEX-14

INCH

COD.		PCS.	Pt	
59143	3/8	10	6	1,0

Composición	Descripción	
53172, 53173, 53174, 53175, 53176, 53177, 53178, 53179, 53180, 53181	Puntas atornilladoras de impacto con vaso	HEX-3/16" - HEX-7/32" - HEX-1/4" - HEX-9/32" - HEX-5/16" - HEX-3/8" - HEX-7/16" - HEX-1/2" - HEX-9/16" - HEX 5/8"

TORX®*

COD.		PCS.	Pt	
59144	3/8	8	6	1,0

Composición	Descripción	
65928, 65929, 65930, 65931, 65932, 65933, 65934, 65935	Puntas atornilladoras de impacto con vaso	T-25 - T-27 - T-30 - T-40 - T-45 - T-50 - T-55 - T-60



*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

1/2"

JUEGOS

STANDARD

MM

COD.	AF inch	PCS.	Pt	Kg
60693	1/2	10	6	3,5

Composición	Descripción
60606, 60607, 60609, 60610, 60612, 60613, 60614, 60615, 60616, 60618	Llaves de vaso 13-14-16-17-19-21-22-24-27-30 mm

COD.	AF inch	PCS.	Pt	Kg
61265	1/2	10	6	3,0

Composición	Descripción
60603, 60604, 60605, 60606, 60607, 60610, 60612, 60613, 60614, 60615	Llaves de vaso 10-11-12-13-14-17-19-21-22-24 mm

INCH

COD.	AF inch	PCS.	Pt	Kg
61267	1/2	11	6	3,2

Composición	Descripción
65213, 65214, 65215, 65216, 65217, 65218, 65219, 65220, 65221, 65222, 65223	Llaves de vaso 3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"

SERIE LARGA

MM

COD.	AF inch	PCS.	Pt	Kg
61266	1/2	10	6	4,0

Composición	Descripción
60660, 60661, 60662, 60663, 60664, 60666, 60668, 60669, 60670, 60672	Llaves de vaso serie larga 10-11-12-13-14-17-19-21-22-24 mm

INCH

COD.	AF inch	PCS.	Pt	Kg
61268	1/2	11	6	4,2

Composición	Descripción
55630, 55631, 55632, 55633, 55634, 55635, 55636, 55637, 55638, 55639, 55640	Llaves de vaso serie larga 3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"



3/4"

■ JUEGOS

STANDARD

MM

COD.		PCS.	Pt	
60694	3/4	8	6	5,0

Composición	Descripción
60625, 60626, 60628, 60629, 60630, 60632, 60633, 60634	Llaves de vaso 26-27-29-30-32-34-36-38 mm 

COD.		PCS.	Pt	
61269	3/4	8	6	5,0

Composición	Descripción
60621, 60622, 60624, 60626, 60629, 60630, 60633, 60635	Llaves de vaso 21-22-24-27-30-32-36-41 mm 

INCH

COD.		PCS.	Pt	
61271	3/4	8	6	5,0

Composición	Descripción
65231, 65232, 65233, 65235, 65236, 65237, 65238, 65239	Llaves de vaso 1"-1.1/16"-1.1/8"-1.1/4"-1.5/16"-1.3/8"-1.7/16"-1.1/2" 

SERIE LARGA

MM

COD.		PCS.	Pt	
61270	3/4	8	6	6,0

Composición	Descripción
60680, 60681, 60682, 60684, 60685, 60686, 60689, 60691	Llaves de vaso serie larga 21-22-24-27-30-32-36-41 mm 

SERIE LARGA

INCH

COD.		PCS.	Pt	
61272	3/4	8	6	6,0

Composición	Descripción
65245, 65246, 65247, 65249, 65250, 65251, 57360, 65252	Llaves de vaso serie larga 1"-1.1/16"-1.1/8"-1.1/4"-1.5/16"-1.3/8"-1.7/16"-1.1/2" 



JUEGOS

STANDARD

MM

COD.		PCS.	Pt	
61273	1	9	6	7,5
Composición		Descripción		
65534, 65535, 65536, 65537, 65538, 60640, 60641, 60643, 60644		Llaves de vaso 24-27-30-32-36-38-41-46-50 mm		

INCH

COD.		PCS.	Pt	
61275	1	9	6	7,5
Composición		Descripción		
65253, 65255, 65257, 65258, 65261, 65263, 65265, 65267, 65268		Llaves de vaso 1"-1.1/8"-1.1/4"-1.5/16"-1.1/2"-1.5/8"-1.3/4"-1.7/8"-2"		

SERIE LARGA

MM

COD.		PCS.	Pt	
61274	1	9	6	7,5
Composición		Descripción		
65539, 65540, 65541, 65542, 65543, 65544, 63883, 65546, 65547		Llaves de vaso serie larga 24-27-30-32-36-38-41-46-50 mm		

INCH

COD.		PCS.	Pt	
61276	1	9	6	11
Composición		Descripción		
65274, 65276, 65277, 65280, 65282, 65284, 65286, 65287		Llaves de vaso serie larga 1"-1.1/8"-1.1/4"-1.5/16"-1.1/2"-1.5/8"-1.3/4"-1.7/8"-2"		