

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.



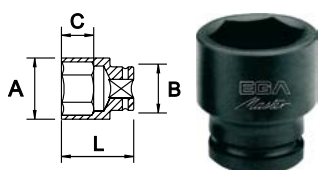
1. Desde 3/8" hasta 3.1/2", disponibles tanto en mm como pulgadas.

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

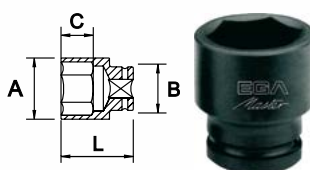
STANDARD 6PT

3/8"

MM



INCH



COD.	AF [±] mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt			
60590	7		12				41		
60591	8		13						
60592	9		14	19	14		43		
60593	10		16						
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			
65205	5/16		13				43		
65206	3/8		15	19	14		44		
65207	7/16		17						
65208	1/2		19		15				
65209	9/16		21	21					
65210	5/8	30	23	23		6	60	6	•
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

3/8"

PUNTAS ATORNILLADORAS DE IMPACTO CON VASO





HEXAGONAL

MM

COD.	 mm	L (mm)	 g		
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.	 inch	L (mm)	 g		
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)	 g		
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				

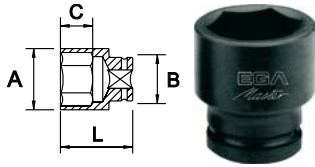


*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

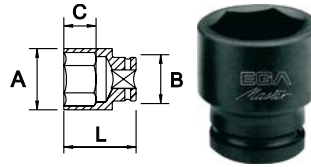
1/2"

STANDARD 6PT

MM



INCH



COD.	AF [±] mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt			
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							
60612	19		28	28			110		
60639	20		29	29	18			6	•
60613	21		30	30			120	6	•
60614	22		32	32			140		
58450	23								
60615	24		34	34	20		160		
58451	25		36	36			190		
60616	27		38				185		
57988	28			35	21		190		
60617	29		40				200		
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

COD.	AF [±] inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt			
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			130		
65222	15/16		34	34	20	6	135	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				200		
58447	1.5/16	50	47				330		
58448	1.3/8		49	30	28		350		
58457	1.7/16	55	50		30		410		
58458	1.1/2		52	40			490		

DIN 3129

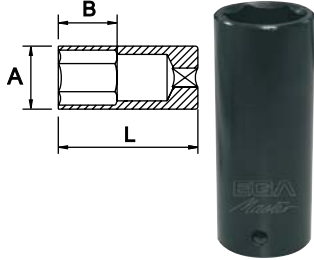
CARACTERÍSTICAS

Cr-V

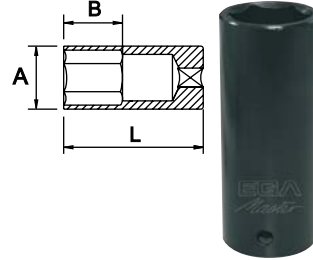
1/2"

SERIE LARGA 6PT

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon 1	Icon 2
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	Icon 1	Icon 2	Icon 3
55630	3/8								
55631	7/16		18	24					
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		30			250			
55638	7/8	80	32		6	290	6	•	
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

1/2"

PUNTAS ATORNILLADORAS DE IMPACTO CON VASO





HEXAGONAL

MM

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







INCH.

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







HEXAGONAL SERIE LARGA

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



TORX**

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

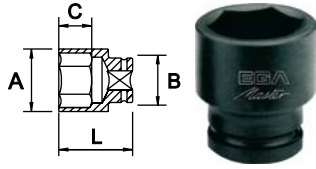


*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

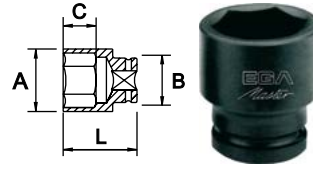
3/4"

STANDARD 6PT

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
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	51			6	480	1	
58454	35		51		27		460		
60633	36		50				500		
60634	38		55				550		
57338	39		55				560		
57339	40			44			570		
60635	41		60				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	75	85		43		1300		

DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
58453	11/16		29	38	16		220		
65227	3/4		33						
65228	13/16		35		18				
65229	7/8	50	37				230		
65230	15/16		39						
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	44			460		
65237	1.3/8				27		480		
65238	1.7/16		55				500		
65239	1.1/2					6	550	1	
68689	1.9/16		58				600		
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		

DIN 3129

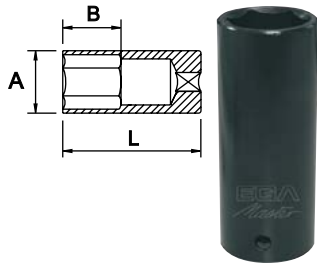
CARACTERÍSTICAS

Cr-Mo

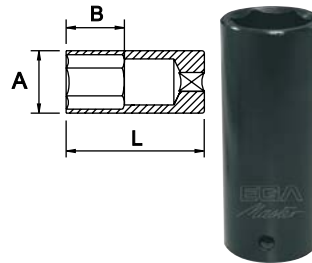
3/4"

SERIE LARGA 6PT

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon 1	Icon 2
60678	17		31			500		
60679	19		33					
57349	20		34					
60680	21		35		600			
60681	22		37	28				
57350	23		39					
60682	24		40					
57351	25		41	36				
60683	26		42		650			
60684	27		44	50				
57352	28		45					
57353	29		46					
60685	30	90	49	55	6	850	1	
60686	32		50					
60687	33		55					
60688	34		60			900		
60689	36		61					
60690	38		65	60		950		
60691	41		66					
63895	42		65	44				
58456	43		70			940		
63945	44		75			1000		
63896	48		70			1100		
63897	50		75			1200		
58459	54		75			1400		

DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	Icon 1	Icon 2	Icon 3
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			650			
65247	1.1/8		44	28		700			
65248	1.3/16		46			750			
65249	1.1/4		48			800			
65250	1.5/16		50	30	6	850	1		
65251	1.3/8	90	55			900			
57360	1.7/16		60			1000			
65252	1.1/2		65	42		1100			
57361	1.9/16		70	65		1150			
57362	1.5/8		70						
57363	1.11/16		75						
63946	1.3/4		75						
57364	1.13/16		75						
57365	1.7/8		75						
57366	1.15/16		75						
57367	2		75						

DIN 3129

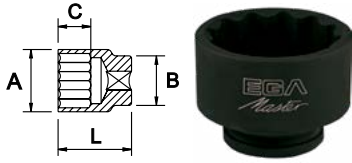
CARACTERÍSTICAS

Cr-Mo

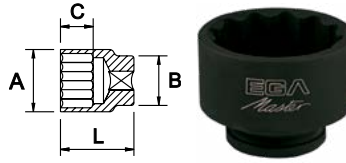
3/4"

STANDARD 12PT

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								
53491	27		43		28				
53492	28		45						
53493	29		46						
53494	30		47						
53448	31		49	44					
53495	32	55					450		
53496	33		50						
53497	34								
53481	35					12		1	•
53498	36						500		
53499	38		55		30				
53449	39								
53450	40								
53500	41		60				700		
53501	42								
53482	43	60							
53451	44		65						
53452	45								
53502	46						750		
53453	47								
53519	48								
53503	50		70						
53455	51	70					850		
53520	54		75	55	35				
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						450		•
53537	1.5/16	55	50	44					
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

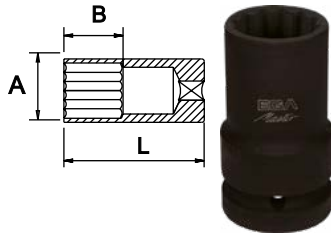
CARACTERÍSTICAS

Acero especial

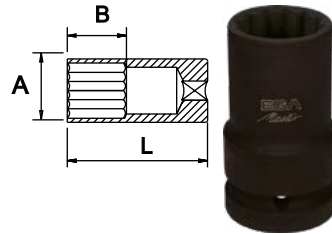
3/4"

SERIE LARGA 12PT

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	25				
53507	22		36					
53460	23		38			650		
53508	24		39					
53461	25		42					
53509	26		43	26		700		
53510	27		43	28				
53462	28	90	47					
53463	29		49		12	800	1	
53511	30		49					
53512	32		50			900		
53513	33		50			950		
53514	34		55	30		1050		
53515	36		55			1100		
53516	38		60			1200		
53517	41		60			1450		
53522	42		65			1650		
53483	43		70	35		1950		
53526	44		70					
53523	48	100	70					
53524	50		70					

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	25				
53477	15/16		39					
53546	1		42			700		
53547	1.1/16		43					
53548	1.1/8		46			800		
53549	1.3/16		48					
53550	1.1/4		50			900		
53551	1.5/16		50			950		
53552	1.3/8	90			12	1050	1	
53465	1.7/16		55					
53553	1.1/2			30		1100		
53466	1.9/16		60			1200		
53467	1.5/8		60			1300		
53468	1.11/16		65			1650		
53527	1.3/4		65					
53469	1.13/16					1650		
53470	1.7/8							
53471	1.15/16		70	35		1950		
53472	2							

DIN 3129

CARACTERÍSTICAS





Acero especial

3/4"

PUNTAS ATORNILLADORAS DE IMPACTO CON VASO





HEXAGONAL

MM

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







INCH.

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



TORX®*

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

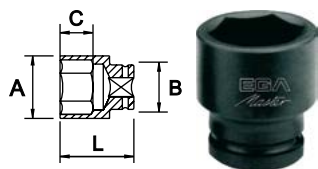


* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

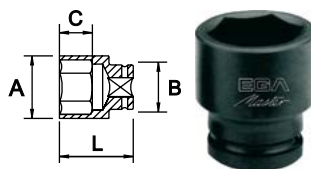


STANDARD 6PT

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	Icon 1	Icon 2	Icon 3
57372	20		37							
57373	21		38				500			
57374	22		39							
57375	23	60	40							
65534	24		42	50						
57376	25		44		23					
57377	26		44				550			
65535	27		45							
57378	28		46							
57379	29		48							
65536	30		49							
57380	31		50							
65537	32		50				600			
57140	33		53		26					
57141	34	65	53				650			
57142	35		55							
65538	36		55				700			
57381	37		60							
60640	38		60				800			
57382	39		65							
63882	40		75							
60641	41		75		32		850	1		
60642	42		80							
57383	44	70	85				900			
57384	45		85				950			
60643	46		95							
57385	47		95				1050			
63890	48	75	105							
60644	50		105							
60645	52		110				1100			
60646	54	80	120				1150			
60647	55		120		45		1200			
60648	56		125				1250			
60649	57	85	130				1300			
60650	58		135				1350			
60651	60		145		47		1450			
60652	62	90	155				1550			
60653	63		155				1550			
60654	65	95	170				1700			
60655	70		170		50		1700			
60656	75	100	180	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	Icon 1	Icon 2	Icon 3
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						1000			
68690	1.15/16	75				6			1	
65268	2		75		32		1100			
68691	2.1/16									
65269	2.1/8	80	80				1400			
58028	2.3/16									
65270	2.1/4									
68692	2.5/16	85	85				1700			
65271	2.3/8									
68693	2.7/16	90	90		47		2000			
65272	2.1/2									
68694	2.9/16									
65273	2.5/8	95	95				2200			
58012	2.11/16		97				2250			
58013	2.3/4		99				2550			
58014	2.13/16		101				3250			
58015	2.7/8	100	103	86	53		3400			
58016	2.15/16		104				3500			
57983	3		108				2800			
57984	3.1/8	90	112	68	50		3000			
58017	3.3/16	100	110	86	53		3500			

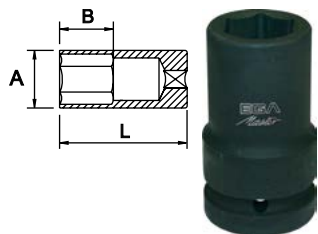
DIN 3129

CARACTERÍSTICAS

Cr-Mo

SERIE LARGA 6PT

MM



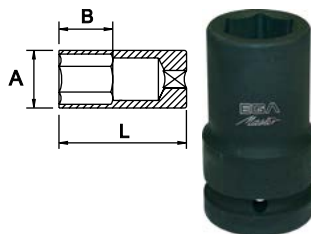
COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon 1	Icon 2
57387	21					750		
63898	22		40					
63899	23		41	16				
65539	24		42			800		
57388	25		43					•
63900	26		44			900		
65540	27		46					
63905	28		47	19		950		
63901	29		48					
65541	30		49					
65542	32	90	50			1000		
63902	33							
63903	34		55		6		1	
63904	35			23				
65543	36					1050		
65544	38		60			1100		
57392	40							-
63883	41					1200		
63906	42		65					
63907	43			40		1300		
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

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	Icon 1	Icon 2
58018	3/4		34			700		
58019	13/16		36					
58020	7/8		40	19				
58021	15/16	90	42			800		•
57398	1		43					
57399	1.1/16		45			850		
65274	1.1/8		48	30				
65275	1.3/8		49			1200		
65276	1.1/4		50					
65277	1.5/16					1250		
65278	1.3/8		55	35				
65279	1.7/16					1300		
65280	1.1/2		60		6	1350		
65281	1.9/16					1400	1	
65282	1.5/8		65			1450		
65283	1.11/16	110				1550		
65284	1.3/4		70	42		1600		
65285	1.13/16					1650		
65286	1.7/8					1700		
57400	1.15/16		75					
65287	2					1800		
58022	2.1/16		78					
58023	2.1/8					1900		
58024	2.3/16		80	55				
58025	2.1/4					2050		
58026	2.5/16	120	85	60		2200		
58027	2.3/8					2400		

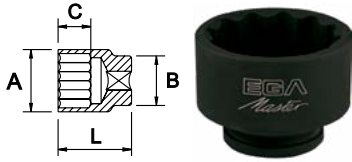
○ | DIN 3129

CARACTERÍSTICAS

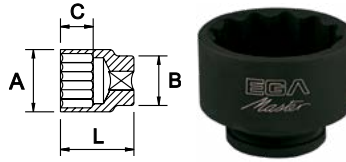
Cr-Mo

STANDARD 12PT

MM



INCH



COD.	AF _{mm}	L (mm)	A (mm)	B (mm)	C (mm)	Pt			
53316	20		35						
53317	21		36						
53318	22		37						
53319	23	55	38	55	25				
53428	24		40			700			
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								
53325	37		60			900			
53360	38								
53326	39								
53377	40	65				12	1		
53361	41		65			950			
53362	42				35				
53327	44					1000			
53328	45								
53363	46	70	70			1300			
53329	47								
53379	48					1400			
53364	50		75			1500			
53365	52								
53366	54	75	80			1600			
53367	55					1680			
53368	56			70		1700			
53369	57		85		40	1800			
53370	58					1900			
53371	60								
53372	62	85	90			2100			
53373	63								
53374	65		95			2200			
53375	70		100			2500			
53376	75	90	105		50	2800			
53392	80		110			3000			

DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF _{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt			
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								
53399	1.3/8			60	30	850			
53400	1.7/16					900			
53401	1.1/2		60			950			
53402	1.9/16	65							
53403	1.5/8		65			950			
53404	1.11/16								
53405	1.3/4		70			1000			
53406	1.13/16	70			35	1300			
53407	1.7/8					1400	12		1
53441	1.15/16		75			1500			
53408	2								
53442	2.1/16	75	80			1600			
53409	2.1/8					1800			
53410	2.1/4		85						
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						

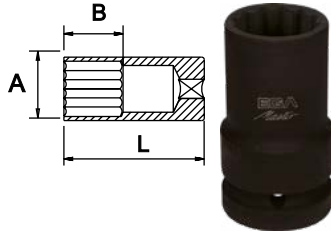
DIN 3129

CARACTERÍSTICAS

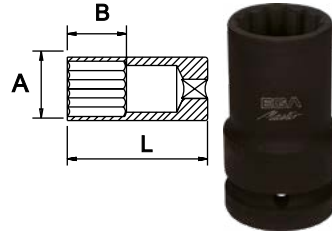
Cr-Mo

SERIE LARGA 12PT

MM



INCH



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Box	Tray
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	1200	1	
53385	34							
53386	35							
53437	36		60			1400		
53438	38							
53333	40					1550		
53378	41		65					
53388	42			40		1600		
53389	43					2100		
53439	46		70					
53334	47					2400		
53440	50		75	45		2750		
53390	55		80	50		2800		
53391	60							

DIN 3129

CARACTERÍSTICAS

Cr-Mo

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	Box	Tray
53350	3/4		34			800		
53351	13/16		35					
53352	7/8		37			950		•
53353	15/16		40					
53335	1		43	30		1000		
53336	1.1/16		45					
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			12	1550	1	
53422	1.5/8		65			1600		
53423	1.11/16							
53424	1.3/4		70	40		2100		
53425	1.13/16					2300		
53426	1.7/8							
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.	 mm	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.	 inch	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	10	-
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				
53251	T-60				
53252	T-70				
53253	T-80				
53254	T-90				
53255	T-100				

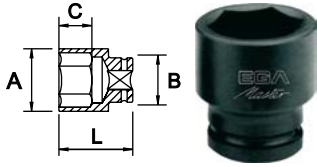


*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US)

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	80							
63886	40				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				2,8		
65430	65	95	95		39		3,2		
65431	70	100	105		40		3,5		
65432	75	105	110				4,0		
68697	77			85	42	6	4,5	1	-
65433	80		115						
65434	85	110	120				5,0		
65435	90		130		50		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				9,0		
65441	120	130	165		72		10		
65442	125	135	175				12		
65443	130	140	180						
65444	135	145	185						
65445	140		190		80		14		
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							
68703	1.9/16				31	6		1	-
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			75					
68709	1.15/16	85			31		2,4		
68710	2		80						
68711	2.1/16								
68712	2.1/8		85						
68713	2.3/16				32		2,7		
68714	2.1/4	90							
68715	2.5/16		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		85	42		4,0		
68726	3		110						
68727	3.1/16								
68728	3.1/8		115						
68729	3.3/16						4,5		
68730	3.1/4				6			1	-
68731	3.5/16		120						
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				55				
68741	3.15/16	115	140				6,5		
68742	4								
58030	4.1/8		146				9,0		
58031	4.3/16	120	148	86					
58032	4.1/4		151				10		
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		

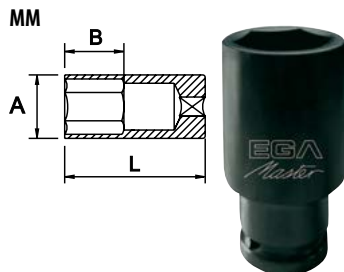
DIN 3129

CARACTERÍSTICAS

Cr-Mo

1.1/2"

SERIE LARGA 6PT



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	Kg		
56100	34							
56101	35					2,8		
56102	36		60					
56103	38	120				2,9		
56104	40			31				
56105	41		70			3,0		
56106	42					3,2		
56107	43					3,3		
56108	46		75			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	6	7,5	1	-
56116	80					8,0		
56117	85		120	50		8,5		
56118	90	180	130	55		9,0		
56119	95		135			9,5		
56120	100		140			10		
56121	105		145			11		
56122	110		155	60		14		
56123	115	190	160			16		
56124	120		165	75		18		
56125	125		175			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	6	2,9	1	-
56134	1.9/16		70			3,0		
56135	1.5/8							
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							
56141	2			33		4,0		
56142	2.1/16							
56143	2.1/8		85	36		4,5		
56144	2.3/16							
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							
56151	2.5/8					5,5		
56152	2.11/16		100			6,0		
56153	2.3/4			40		6,5		
56154	2.13/16		105					
56155	2.7/8	170						
56156	2.15/16							
56157	3		110	42		7,0		
56158	3.1/16				6			
56159	3.1/8		115			8,0	1	-
56160	3.3/16							
56161	3.1/4		120					
56162	3.5/16			50		8,5		
56163	3.3/8							
56164	3.7/16		125					
56165	3.1/2					9,0		
56166	3.9/16	180						
56167	3.5/8		130					
56168	3.11/16			55				
56169	3.3/4		135			9,5		
56170	3.13/16							
56171	3.7/8					10,0		
56172	3.15/16		140			10,5		
56173	4							
58042	4.1/16		143			11		
58043	4.1/8		146			12		
58044	4.3/16		148			13		
58045	4.1/4		151	60		14		
58046	4.5/16	190	153			14		
58047	4.3/8		156			16		
58048	4.1/2		160			17		
58049	4.5/8		163			18		
58050	4.3/4		166	77				

DIN 3129

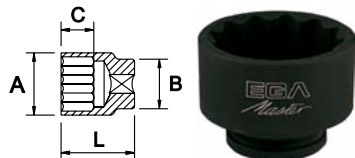
CARACTERÍSTICAS

Cr-Mo

1.1/2"

STANDARD 12PT

MM



COD.	AF (mm)	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg	Icon 1	Icon 2
53651	34						2,2		
53679	35		60				2,5		
53680	36								
53652	38	80							
53653	40				31		2,6		
53654	41		70						
53655	42								
53656	43								
53657	46		75				2,7		
53658	50	85	80			33	2,8		
53659	55		85			36	3		
53660	60	90	90			39	3,2		
53661	65	95	95			40	3,6		
53662	70	100	105				4		
53663	75	105	110						
53681	77				42	12	5	1	-
53664	80		115						
53665	85	110	120				6		
53666	90		130						
53667	95		135				7		
53668	100	115	140			55			
53669	105	120	145				9		
53670	110	125	155				11		
53671	115		160		70		12		
53672	120	130	165				13		
53673	125	135	175				15		
53674	130	140	180		125		17		
53675	135	145	185				18		
53676	140		190			80			
53677	145	150	195				19		
53678	150	155	200			85			

DIN 3129

CARACTERÍSTICAS

CrMo

INCH

COD.	AF (inch)	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg	Icon 1	Icon 2
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							
53685	1.9/16				31	12	2,6	1	-
53686	1.5/8		70						
53687	1.11/16								
53688	1.3/4	85	75				2,7		

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

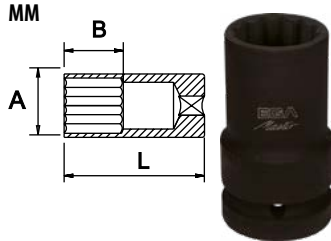
DIN 3129

CARACTERÍSTICAS

CrMo

1.1/2"

SERIE LARGA 12PT



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	Kg		
53556	34							
53557	35					2,8		
53558	36		60					
53559	38					2,9		
53560	40	120		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	39		5		
53568	65		95					
53569	70		105	40		6		
53570	75	170	110			7	1	-
53571	77			42	12			
53572	80		115			8		
53573	85		120	50				
53574	90	180	130	55		9		
53575	95		135					
53576	100		140			10		
53577	105		145	60		11		
53578	110		155			14		
53579	115	190	160			16		
53580	120		165	75		18		
53581	125		175			19		
53582	130		180			21		
53583	135		185	80		22		
53584	140	200	190			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					
53589	1.1/2					2,9		
53590	1.9/16	120						
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		85	36				
53600	2.3/16							
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							
53622	3.9/16	180				9		
53623	3.5/8		130	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							
53643	4.1/8		145			11		
53644	4.3/16			60		12		
53645	4.1/4		150			13		
53646	4.5/16	190						
53647	4.3/8		155			14		
53648	4.1/2		160			16		
53649	4.5/8		165			17		
53650	4.3/4			75		18		

DIN 3129

CARACTERÍSTICAS





CrMo

PUNTAS ATORNILLADORAS DE IMPACTO CON VASO

1.1/2"





HEXAGONAL

MM

COD.	 mm	L (mm)			
53257	17	105			
53258	18				
53259	19		2,3		
53260	20				
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			1	-
53273	33				
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				
53283	43		3,3		
53284	44				
53285	45	130	3,4		
53286	46				
53287	50	135	3,9		
53288	55	140	4,5		



INCH.

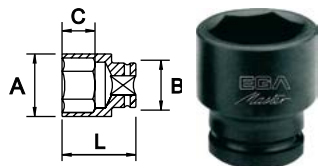
COD.	 inch	L (mm)			
53289	11/16	105			
53290	3/4		2,3		
53291	13/16				
53292	7/8	110	2,4		
53293	15/16				
53294	1		2,5		
53295	1.1/16				
53296	1.1/8		2,6		
53297	1.3/16	115	2,7		
53298	1.1/4				
53299	1.5/16				
53300	1.3/8		2,8	1	-
53301	1.7/16	120			
53302	1.1/2		2,9		
53303	1.9/16		3,0		
53304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



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		50		8,5		
65456	90		135				9,0		
65457	95	140	140		55		11		
65458	100		145						
65459	105	145	155		60		13		
65460	110	155	160		65		15		
65461	115	160	165		70		16		
65462	120		175						
65463	125	165	180	130	75	6	18	1	-
65464	130	170	185				19		
65465	135	175	190						
65466	140	180	200		80		20		
65467	145	185	210						
65468	150	190			85		21		
65469	155	195	220		90		25		
65470	160	200	230				28		
65471	165						30		
65472	170	210	240		95		32		
65473	175						35		
65474	180		250		110		37		
65475	185	220	260				40		
65476	190		270				43		
65477	200		280				46		
68824	205						49		
68825	210	230	290		120		55		
68826	215						60		
68827	220		300						
68828	225		310				65		

⊙ | DIN 3129

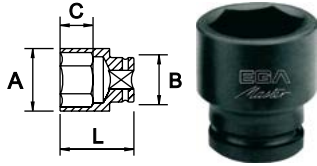
CARACTERÍSTICAS

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								
68771	3.11/16		130	55	6	11	1		
68772	3.3/4		140						
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								
68795	5.1/2	180	200			20			
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	200	230		90		28		
68800	6.3/8								
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	220	260				40		
68806	7.3/8			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								

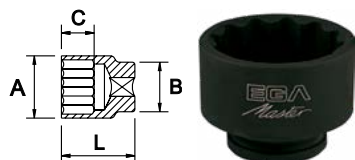
DIN 3129

CARACTERÍSTICAS
Cr-Mo

STANDARD 12PT

2.1/2"

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
53823	41		80				7		
53824	42		85						
53825	46		90		36				
53826	50	120	95						
53827	55		100						
53828	60		105						
53829	65		110		40		8		
53725	70	125	120		45				
53726	75		130		50				
53727	80		135				9		
53728	85	130	140		55		11		
53729	90	140	145		60		13		
53730	95	145	155		65		15		
53731	100	155	160		70		16		
53732	105	160	165		75	12	18	1	-
53733	110	165	175	130	80		20		
53734	115	170	185		85		21		
53735	120	175	190		90		25		
53736	125	180	200		95		28		
53737	130	185	210		100		30		
53738	135	190	220		110		35		
53739	140	195	230				37		
53740	145	200	240				40		
53741	150	205	250				43		
53742	155	210	260				46		
53743	160	215	270				49		
53744	165	220	280				55		
53745	170	225	290				60		
53746	175	230	300				65		
53747	180	235	310						
53748	185	240							
53749	190	245							
53750	200	250							
53830	205	255							
53831	210	260							
53832	215	265							
53833	220	270							
53834	225	275							

DIN 3129

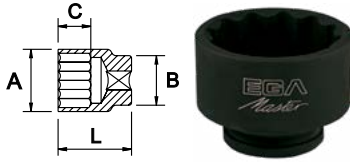
CARACTERÍSTICAS

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								
53754	2.3/16		95						
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		145						
53782	3.15/16								
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		20		
53801	5.3/8								
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				95		32			
53810	7	210	240				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		280				49			
53816	8						55			
53817	8.1/4				120					
53818	8.5/16									
53819	8.3/8	230	290				60			
53820	8.1/2									
53821	8.3/4									
53822	9		300				65			

DIN 3129

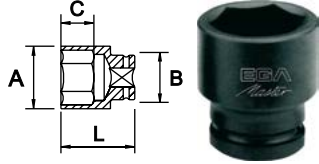
CARACTERÍSTICAS

CrMo

3.1/2"

STANDARD 6PT

MM



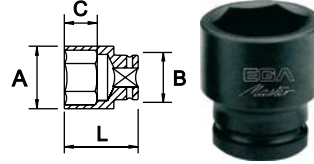
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	Kg		
67500	100		170				16		
67501	105	180	175		100		17		
67502	110		185				21		
67503	115	200	190		115		24		
67504	120		195				25		
67505	125		200	180			28		
67506	130	210	210		120		30		
67507	135				125		34		
67508	140		220		130		37		
67509	145	220	230				39		
67510	150		240		135		43		
67511	155						45		
67512	160		250		140		50		
67513	165	230	260				55		
67514	170						60		
67515	175		270	200	145				
67516	180				150				
67517	185	240	280			65		1	
67518	190		290		155	6			
67519	195		300				70		
67520	200				160		80		
67521	205	250	310				85		
67522	210		320		165				
67523	215		330				90		
67524	220	260	340		170				
67525	225						95		
67526	230		350		175		105		
67527	235	270	360				110		
67528	240		370	230	185				
67529	245						115		
67530	250	280	380		190		120		
67531	255		390				125		
67532	260				195		130		
67533	265	290	400				135		
67534	270		410				140		
67535	275		420		200		145		
67536	280	300	430				150		

DIN 3129

CARACTERÍSTICAS

Cr-Mo

INCH



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								
68836	4.3/8		185				21		
68837	4.1/2								
68838	4.9/16		190				24		
68839	4.5/8				115				
68840	4.11/16		195	180					
68841	4.3/4	210					25		
68842	4.13/16		200						
68843	4.7/8								
68844	4.15/16						28		
68845	5		210		120				
68846	5.1/4						30		
68847	5.5/16								
68848	5.3/8	220	220		125		34		
68849	5.1/2								
68850	5.3/4		230		130		37		
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								
68862	7.3/4	250	300		155		70		
68863	8		310		160		80		
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		370		185				
68874	9.3/4	280	380				115		
68875	10		390		190		125		
68876	10.1/4	290	400		195		130		

DIN 3129

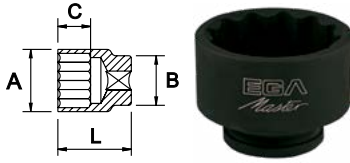
CARACTERÍSTICAS

Cr-Mo

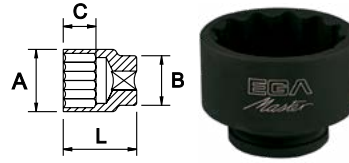
STANDARD 12PT

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				24		
53839	120	210	195		115		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				80		
53856	205		320		160				
53857	210				165		85		
53858	215	260	330			90			
53859	220		340		170		95		
53860	225		350				105		
53861	230	270			175				
53862	235		360			110			
53863	240		370	230	185				
53864	245	280	380			115			
53865	250				190		120		
53866	255		390			125			
53867	260	290	400		195		130		
53868	265		410			135			
53869	270				200		140		
53870	275	300	420			145			
53871	280		430		210		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						17		
53875	4.3/16	180			100				
53876	4.1/4		180						
53877	4.5/16						21		
53878	4.3/8		185						
53879	4.1/2								
53880	4.9/16		190				24		
53881	4.5/8								
53882	4.11/16		195	180	115				
53883	4.3/4	210					25		
53884	4.13/16		200						
53885	4.7/8								
53886	4.15/16				120		28		
53887	5		210						
53888	5.1/4						30		
53889	5.5/16				125		34		
53890	5.3/8	220	220						
53891	5.1/2				130		37		
53892	5.3/4		230		135		43		
53893	6		240						
53894	6.1/4								
53895	6.5/16	230	250		140	12	50	1	-
53896	6.3/8								
53897	6.1/2		260				55		
53898	6.3/4								
53899	7		270	200	145		60		
53900	7.1/4	240	280						
53901	7.5/16				150		65		
53902	7.3/8		290						
53903	7.1/2				155				
53904	7.3/4	250	300				70		
53905	8		310		160		80		
53906	8.1/4								
53907	8.5/16		320		165		85		
53908	8.3/8	260							
53909	8.1/2		330				90		
53910	8.3/4				170		95		
53911	9		350				105		
53912	9.1/4	270		230	175				
53913	9.5/16		360				110		
53914	9.3/8								
53915	9.1/2	280	370		185				
53916	9.3/4		380				115		
53917	10		390		190		125		
53918	10.1/4	290	400		195		130		

DIN 3129

CARACTERÍSTICAS





CrMo

ADAPTADOR

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

DIN 3121







COD.	 inch			
68698	1-1.1/2	1100		
65448	1.1/2-1	2100		
65449	1.1/2-2.1/2	4000	6	•
65478	2.1/2-1.1/2	4500		

DIN 3121







ARTICULACIÓN UNIVERSAL

COD.	 inch			
60704	3/8	80	6	•
60705	1/2	180		

DIN 3121







COD.	 inch			
60706	3/4	600	4	
60707	1	1250	2	•
60708	1.1/2	3000		
60709	2.1/2	6000	1	

DIN 3121




ALARGADERA

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

DIN 3121




ANILLA DE SEGURIDAD

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



PASADOR DE SEGURIDAD

COD.	AF $\frac{\text{inch}}{\text{mm}}$	Rango (mm)	g	
60732	3/4	17-46	10	
60733		50-60		
63277	1	24-38	15	6
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


1/2"

STANDARD


MM

COD.	AF $\frac{\text{inch}}{\text{mm}}$	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 $\frac{\text{inch}}{\text{mm}}$	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 $\frac{\text{inch}}{\text{mm}}$	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"	

1/2"


JUEGOS

SERIE LARGA



MM

COD.		PCS.	Pt	
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.		PCS.	Pt	
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"	

JUEGOS


3/4"



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	

JUEGOS

3/4"

SERIE LARGA

INCH

COD.	AF inch	PCS.	Pt	Kg
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

1"

STANDARD

MM

COD.	AF inch	PCS.	Pt	Kg
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.	AF inch	PCS.	Pt	Kg
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.	AF inch	PCS.	Pt	Kg
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.	AF inch	PCS.	Pt	Kg
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"		

