

# LLAVES DE VASO INOX

EGA Master ha desarrollado una nueva gama de herramientas de acero inoxidable para proporcionar soluciones en materia de seguridad y aplicaciones de tecnología avanzada.

El acero inoxidable 420 contribuye a evitar contaminaciones y la oxidación y asegura el cumplimiento de requisitos de sala blanca al mismo tiempo que mantiene unas elevadas prestaciones mecánicas para los usos más exigentes.

tanto en mm  
como en  
pulgadas



**1.** Disponibles gamas de 1/4", 3/8" y 1/2" y 3/4" de cuadrado conductor en vasos manuales.

**2.** Tanto en mm como pulgadas y de 6 y 12 cantos.

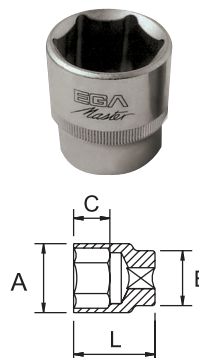


**3.** Evitan la contaminación en otros materiales y la tendencia a la oxidación en ambientes corrosivos.

## 1/4"

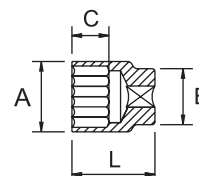
STANDARD MM 6PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38235	4	23	7	12	15	6	20
38236	5		8				
38237	6		10				
38238	7		12				
38239	8		15				
38240	9	25	15	17	17	50	40
38241	10		15				
38242	11		17				
38243	12		17				
38244	13		19				
38245	14		19				
			20				



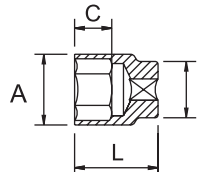
### STANDARD MM 12PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38403	4	23	7	12	15	12	20
38404	5		8				
38405	6		10				
38406	7		12				
38407	8		15				
38408	9	25	15	17	17	50	30
38409	10		15				
38410	11		17				
38411	12		17				
38412	13		19				
38413	14	20	20				



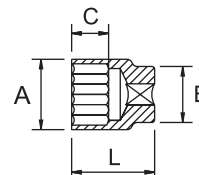
### STANDARD INCH. 6PT

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38246	3/16	23	9	12	15	6	20
38247	7/32		9				
38248	1/4		10				
38249	5/16		12				
38250	3/8		15				
38251	7/16	25	17	17	17	50	30
38252	1/2		19				
38253	9/16		21				
			21				



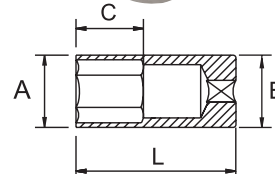
### STANDARD INCH. 12PT

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38414	3/16	23	9	12	15	12	20
38415	7/32		9				
38416	1/4		10				
38417	5/16		12				
38418	3/8		15				
38419	7/16	25	17	17	17	50	30
38420	1/2		19				
38421	9/16		21				
			21				





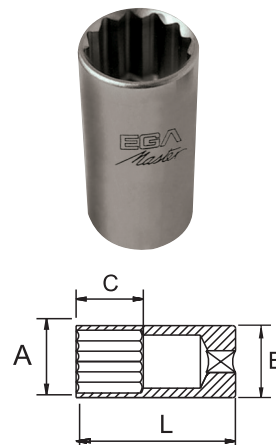
### SERIE LARGA MM 6PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
38254	4	50	12	12	13	6	30	
38255	5							
38256	6							
38257	7							
38258	8							
38259	9	60	15	15	17	80	40	
38260	10							17
38261	11							17
38262	12							19
38204	13							19
38263	14	21	21					





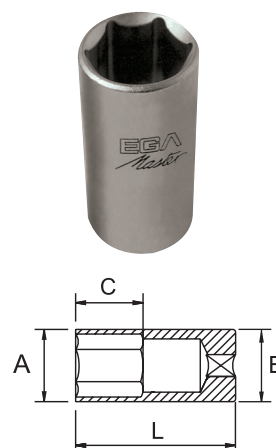
### SERIE LARGA MM 12PT

COD.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38422	4	50	12	12	13	12	30	
38423	5							
38424	6							
38425	7		15	15				40
38426	8							
38427	9							
38428	10		17	17				50
38429	11							
38430	12							
38431	13		19	19				60
38432	14							





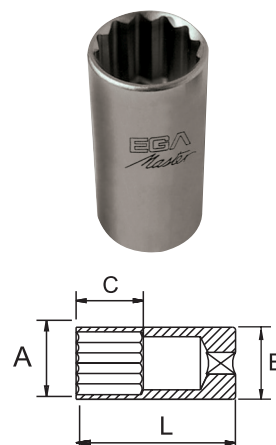
### SERIE LARGA INCH. 6PT

COD.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38264	3/16	50	12	12	13	6	30	
38265	7/32							
38266	1/4							
38267	5/16		15	15				50
38268	3/8							
38269	7/16							
38270	1/2		19	19				60
38271	9/16							



### SERIE LARGA INCH. 12PT

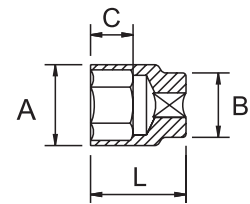
COD.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38433	3/16	50	12	12	13	12	30	
38434	7/32							
38435	1/4							
38436	5/16		15	15				50
38437	3/8							
38438	7/16							
38439	1/2		19	19				60
38440	9/16							



# 3/8"

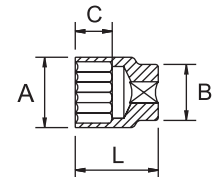
## STANDARD MM 6PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38274	6	31	11	21	20	6	40
38275	7		12				
38276	8		13				
38277	9		14				
38278	10		15				
38279	11		16				
38280	12	34	17	22	22	90	
38281	13		18				
38282	14		21				
38283	15		22				
38284	16		24				
38285	17		24				
38286	19	38	26	25	22	110	
38287	20		27				
38288	22		30				



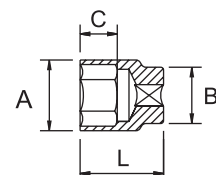
## STANDARD MM 12PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38443	6	31	11	21	20	12	40
38444	7		12				
38445	8		13				
38446	9		14				
38447	10		15				
38448	11		16				
38449	12	34	17	22	22	90	
38450	13		18				
38451	14		21				
38452	15		22				
38453	16		24				
38454	17		24				
38455	19	38	26	25	22	110	
38456	20		27				
38457	22		30				



## STANDARD INCH. 6PT

COD.	AF Inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
38289	1/4	31	11	21	20	6	30		
38290	5/16		13						
38291	3/8		15						
38292	7/16		16						
38293	1/2		18						
38294	9/16		21						
38295	5/8	34	22	22	22	90			
38296	11/16		24						
38297	3/4		26						
38298	13/16		28				25	22	120
38616	1		36						



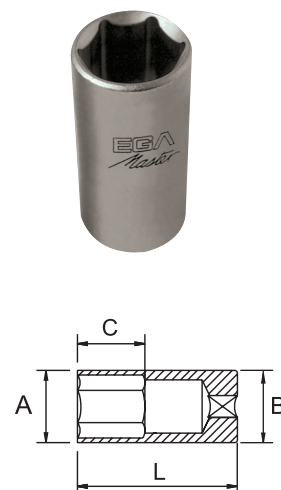
### STANDARD INCH. 12PT

COD.	AF <sup>inch</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38458	1/4	31	11	21	20	12	30
38459	5/16		13				40
38460	3/8		15				50
38461	7/16		16				70
38462	1/2		18				90
38463	9/16	34	21	25	22	120	100
38464	5/8		22				110
38465	11/16		24				120
38466	3/4	38	26	25	24	130	110
38467	13/16		28				120
38465	1		36				25



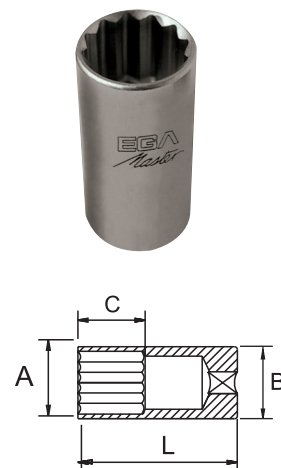
### SERIE LARGA MM 6PT

COD.	AF <sup>mm</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38301	6	60	11	21	21	6	110
38302	7		12				
38303	8		13				
38304	9		14				
38305	10		15				
38306	11	65	16	25	26	120	160
38307	12		17				
38308	13		18				
38309	14	70	21	25	26	120	200
38310	15		22				
38311	16		22				
38312	17		24				
38313	19		26				
38314	20	27					
38315	22	30					



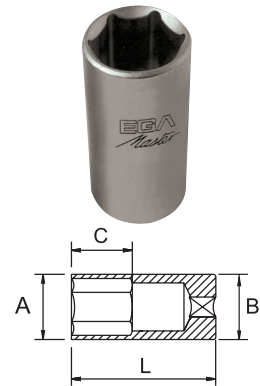
### SERIE LARGA MM 12PT

COD.	AF <sup>mm</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38470	6	60	11	21	21	12	110
38471	7		12				
38472	8		13				
38473	9		14				
38474	10		15				
38475	11	65	16	25	26	120	160
38476	12		17				
38477	13		18				
38478	14	70	21	25	26	120	200
38479	15		22				
38480	16		22				
38481	17		24				
38482	19		26				
38483	20	27					
38484	22	30					



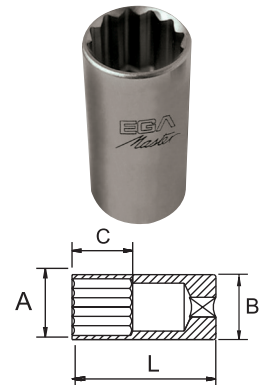
**SERIE LARGA INCH. 6PT**

COD.	AF <sup>inch</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38316	1/4	60	11	21	21	6	110
38317	5/16		13				
38318	3/8		15				
38319	7/16	65	16	25	26	6	120
38320	1/2		18				
38321	9/16		21				
38322	5/8	70	22	25	26	6	140
38323	11/16		24				
38324	3/4		26				
38325	13/16	70	28	25	26	6	200
38619	1		36				



**SERIE LARGA INCH. 12PT**

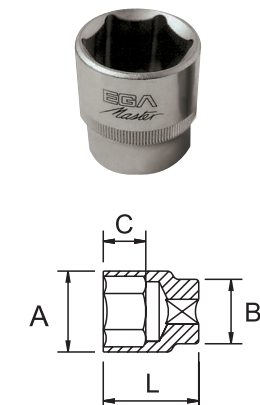
COD.	AF <sup>inch</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38485	1/4	60	11	21	21	12	110
38486	5/16		13				
38487	3/8		15				
38488	7/16	65	16	25	26	12	120
38489	1/2		18				
38490	9/16		21				
38491	5/8	70	22	25	26	12	140
38492	11/16		24				
38493	3/4		26				
38494	13/16	70	28	25	26	12	200
38620	1		36				



**1/2"**

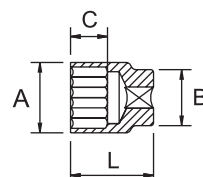
**STANDARD MM 6PT**

COD.	AF <sup>mm</sup>	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g			
38326	6	38	12	24	23	6	40			
38327	7		13							
38328	8		14							
38329	9		15							
38330	10		16							
38331	11		18							
38332	12		19							
38187	13		20							
38333	14		21							
38334	15		24					26	23	6
38335	16	25								
38188	17	26								
38336	18	27								
38189	19	28								
38337	20	29								
38338	21	30								
38190	22	32								
38339	23	33								
38198	24	36	28	23	6	60				
38340	25	37								
38341	26	38								
38199	27	39								
38342	28	40								
38343	29	43					31	23	6	70
38221	30	40								
38222	32	43								
38223	36	50								



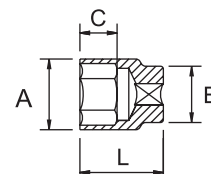
### STANDARD MM. 12PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38495	6		12				60
38496	7		13				55
38497	8		14				58
38498	9		15				60
38499	10		16	24			70
38500	11		18				80
38501	12		19				80
38502	13		20				110
38503	14		21				150
38504	15		24				160
38505	16	38	25	25			170
38506	17		26				190
38507	18		27				200
38508	19		28		23	12	230
38509	20		29	26			230
38510	21		30				230
38511	22		32				230
38512	23		33				230
38513	24		36	28			230
38514	25		37	29			230
38515	26		38	30			230
38516	27		40	31			230
38517	28	40	43	32			230
38518	29		50	37			230
38519	30						230
38520	32						230
38521	36	43					230



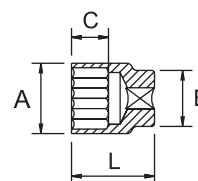
### STANDARD INCH. 6PT

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38344	1/4		12				40
38345	5/16		13				50
38346	3/8		15				60
38347	7/16		16	24			70
38348	1/2		19				80
38349	9/16		20				90
38350	19/32		22				110
38351	5/8	38	24				110
38352	11/16		25				150
38353	3/4		27				160
38354	25/32		28	25	23	6	170
38355	13/16		29				170
38356	7/8		30				190
38357	15/16		33	26			190
38358	1		35	28			190
38359	1.1/16		36	29			190
38360	1.1/8	40	40	31			230
38361	1.3/16		43	32			230
38362	1.1/4		50	37			230
38363	1.7/16	43					230



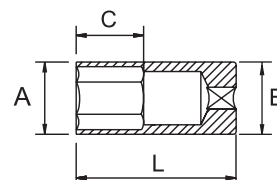
## STANDARD INCH. 12PT

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38522	1/4		12				40
38523	5/16		13				50
38524	3/8		15				
38525	7/16		16	24			60
38526	1/2		19				
38527	9/16		20				
38528	19/32		22				70
38529	5/8	38	24				
38530	11/16		25				80
38531	3/4		27			12	
38532	25/32		28	25	23		90
38533	13/16		29				
38534	7/8		30				110
38535	15/16		33	26			150
38536	1		35	28			160
38537	1.1/16		36	29			170
38538	1.1/8	40	40	31			190
38539	1.3/16						
38540	1.1/4		43	32			230
38541	1.7/16	43	50	37			300



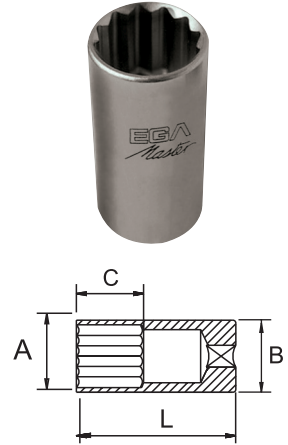
## SERIE LARGA MM 6PT

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38364	6		12				
38365	7		13				
38366	8		14				
38367	9		15				
38368	10		16	24			160
38369	11		18				
38370	12		19		29		
38371	13		20				
38372	14		21				
38373	15		24				170
38374	16		25	25			180
38224	17		26				190
38375	18		27			6	
38205	19	85	28				220
38376	20		29	26			
38377	21		30				230
38225	22		32				250
38378	23		33	27			270
38226	24		35	28			330
38379	25		36	29	32		340
38380	26		38	30			360
38227	27		40	31			370
38381	28		43	32			
38382	29		50	37			390
38228	30						
38229	32						
38230	36						



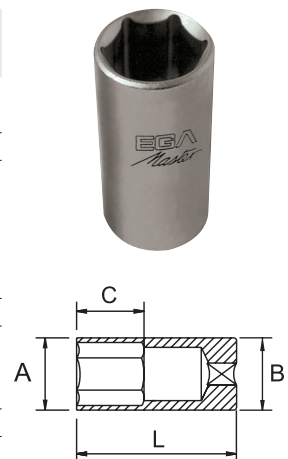
**SERIE LARGA MM 12PT**

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g				
38542	6	85	12	24	29	12	160				
38543	7		13								
38544	8		14								
38545	9		15								
38546	10		16								
38547	11		18								
38548	12		19								
38549	13		20								
38550	14		21								
38551	15		24					25	32	12	170
38552	16		25								180
38553	17		26								190
38554	18		27	220							
38555	19		28	230							
38556	20		29	250							
38557	21		30	270							
38558	22		32	27	32	12	280				
38559	23		33				290				
38560	24		35				310				
38561	25		36				330				
38562	26		38	340							
38563	27		40	360							
38564	28		43	370							
38565	29		50	390							
38566	30										
38567	32										
38568	36										



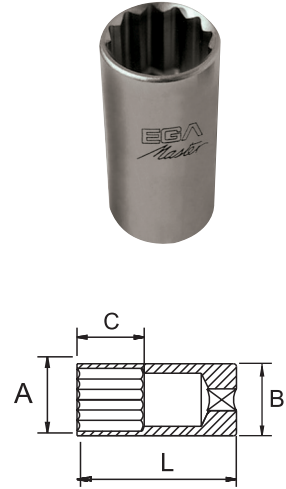
**SERIE LARGA INCH. 6PT**

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g				
38383	1/4	85	12	24	29	6	160				
38384	5/16		13								
38385	3/8		15								
38386	7/16		18								
38387	1/2		19								
38388	9/16		21								
38389	19/32		24					26	32	6	180
38390	5/8		26								
38391	11/16		27								
38392	3/4		28								
38393	25/32		29								
38394	13/16		30	27	32	6	190				
38395	7/8		33								
38396	15/16		35								
38397	1		36								
38398	1.1/16		40	28	32	6	220				
38399	1.1/8		43								
38400	1.3/16		50								
38401	1.1/4							240			
38402	1.7/16							270			
							330				
							350				
							370				
							390				



**SERIE LARGA INCH. 12PT**

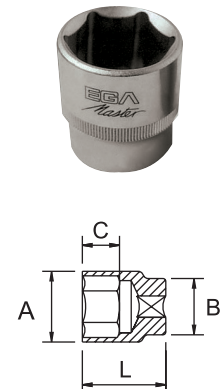
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g								
38569	1/4	85	12	24	29	12	160								
38570	5/16		13				26	32	170						
38571	3/8		15						32	35	180				
38572	7/16		18								37	39	190		
38573	1/2		19										39	43	220
38574	9/16		21												43
38575	19/32		24	47	51	270									
38576	5/8		26			51	55	330							
38577	11/16		27					55	59	350					
38578	3/4		28							59	63	370			
38579	25/32		29									63	67	390	
38580	13/16		30											67	71
38581	7/8	33	71	75											
38582	15/16	35			75	79									
38583	1	36					79	83							
38584	1.1/16	40							83	87					
38585	1.1/8	43									87	91			
38586	1.3/16	50											91	95	
38587	1.1/4		95	99											
38588	1.7/16				99	103									



**3/4"**

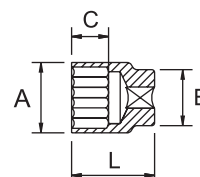
**STANDARD MM 6PT**

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g											
38671	17	50	28	30	14	6	240											
38672	19		30	33			15	250										
38673	21		32	36					17	260								
38674	22		33								38	24	280					
38675	23		34											40	32	300		
38676	24		36														42	36
38677	26		38		44	40												
38678	27		39				46	44										
38679	28		40	48					48	370								
38680	29		42								50	52	400					
38681	30		44											55	57	450		
38682	32		46														60	62
38683	36	50	65		67	580												
38684	38	55					70	71										
38685	41	60		75					75	900								
38686	46	70									80	80	1050					
38687	50	75												85	85	1150		
38688	55	80															90	90
38689	60	80	95		95													



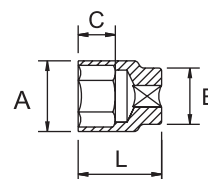
## STANDARD MM 12PT

COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g			
38709	17	50	28	30	14	12	240			
38710	19		30	33						
38711	21		32							
38712	22		33	15						
38713	23		34	36				17		
38714	24	55	36	42	29	250				
38715	26		38							
38716	27		39							
38717	28		40				24	260		
38718	29		42				38	320		
38719	30	65	44	45	34	330				
38720	32		50				42	29	450	
38721	36		43				43	31	500	
38722	38		55				55	45	34	600
38723	41		60				60	37	700	
38724	46	70	70	48	38	900				
38725	50		75				75	40	1050	
38726	55		80				80	45	1150	
38727	60									



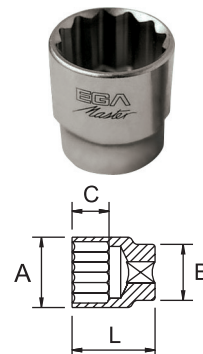
## STANDARD INCH. 6PT

COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g		
38690	3/4	50	30	36	17	6	240		
38691	13/16		33						
38692	7/8		35						
38693	15/16		38					24	
38694	1		40					27	
38695	1.1/16	55	42	42	30	300			
38696	1.1/8		44				28		
38697	1.3/16		50				42	30	430
38698	1.1/4		60				53	32	550
38699	1.7/16		65				55	45	600
38700	1.1/2	65	60	47	35	750			
38701	1.9/16		65				39		
38702	1.5/8		70				70	41	900
38703	1.3/4		80				75	45	950
38704	1.13/16		90				85	47	1000
38705	1.7/8								
38706	2								
38707	2.3/16								
38708	2.3/8								



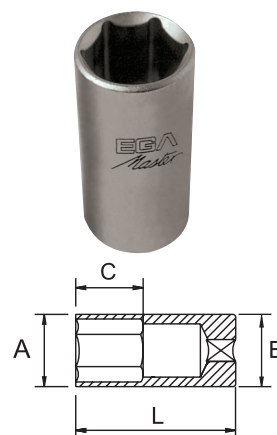
## STANDARD INCH. 12PT

COD.	AF <sup>±</sup> inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38728	3/4		30				
38729	13/16		33				240
38730	7/8			36	17		
38731	15/16	50	35				
38732	1						250
38733	1.1/16		38		24		
38734	1.1/8		40				300
38735	1.3/16		42	38	27		
38736	1.1/4	55	44		28		320
38737	1.7/16		50	42	30	12	430
38738	1.1/2	60					490
38739	1.9/16		53				550
38740	1.5/8		55	45	32		600
38741	1.3/4	65	60		35		
38742	1.13/16			47			750
38743	1.7/8		65		39		
38744	2	70	70		41		900
38745	2.3/16	80	75	48	45		950
38746	2.3/8	90	85		47		1000



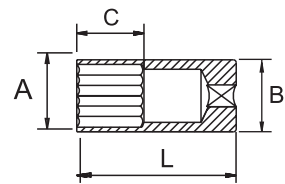
## SERIE LARGA MM 6PT

COD.	AF <sup>±</sup> mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38747	17		28				150
38748	19		30				320
38749	21			36	29		340
38750	22		33				380
38751	23		34				400
38752	24	49	36				420
38753	26		38	38			
38754	27		39		24		440
38755	28		40	36			
38756	29						480
38757	30		42	38		6	530
38758	32	54	45		29		580
38759	36	56	50	42	31		690
38760	38		52		30		720
38761	41	60	56	45	34		810
38762	46	66	62		40		900
38763	50	68	68	48	42		1000
38764	55	74	75	53	38		1100
38765	60	78	83	57	40		1200



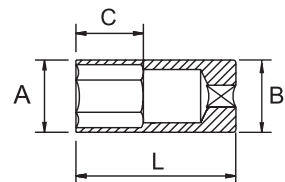
**SERIE LARGA MM 12PT**

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38785	17		28				150
38786	19		30				320
38787	21		33	36	29		340
38788	22		34				380
38789	23		36				400
38790	24	49	38	38			420
38791	26		39				440
38792	27		40	36	24		480
38793	28		42			12	530
38794	29		45		29		580
38795	30	54	50	42	31		690
38796	32	56	52	45	30		720
38797	36	60	56		34		810
38798	38	66	62	48	40		900
38799	41	68	68		42		1000
38800	46	74	75	53	38		1100
38801	50	78	83	57	40		1200



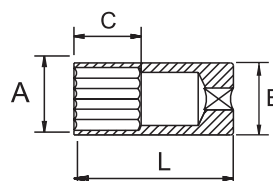
**SERIE LARGA INCH. 6PT**

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38766	3/4		30				320
38767	13/16		33	36	29		350
38768	7/8		36				360
38769	15/16	49	37	37			420
38770	1		39	36	24		430
38771	1.1/16		42				450
38772	1.1/8		45	38			480
38773	1.3/16	54	50	42	31		520
38774	1.1/4	56	52	45	30	6	580
38775	1.7/16	60	55		34		660
38776	1.1/2	66	56		34		720
38777	1.9/16		61		40		760
38778	1.5/8		62	48			810
38779	1.3/4		66		42		860
38780	1.13/16		68		42		920
38781	1.7/8		68		42		980
38782	2		75	53	38		1080
38783	2.3/16	74	75	53	38		1400
38784	2.3/8	780	83	57	40		1650



## SERIE LARGA INCH. 12PT

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38804	3/4		30				320
38805	13/16		33	36	29		350
38806	7/8						360
38807	15/16		36				420
38808	1	49	37	37			430
38809	1.1/16		39	36	24		450
38810	1.1/8		42				480
38811	1.3/16			38			520
38812	1.1/4	54	45		29		580
38813	1.7/16	56	50	42	31	12	660
38814	1.1/2		52		30		720
38815	1.9/16	60	55	45	34		760
38816	1.5/8		56				810
38817	1.3/4	66	61		40		860
38818	1.13/16		62				920
38819	1.7/8	68	66	48			980
38820	2		68		42		1080
38821	2.3/16	74	75	53	38		1400
38822	2.3/8	78	83	57	40		1650



## ACCESORIOS

### LLAVE DE CARRACA REVERSIBLE



COD.	AF inch	A (mm)	B (mm)	C (mm)	L (mm)	g
38203	1/4	200	32	15	27	260
38200	1/2	40	20	41	250	550



### ALARGADERA

COD.	AF inch	L (inch)	g	Icon
38231	1/4	3	60	1
38220		4	350	
38218		5	360	
38824	1/2	8	380	
38825		10	460	5
38826		4	200	
38827	3/4	8	230	
38828		10	260	



### ARTICULACIÓN UNIVERSAL

COD.	AF inch	g	Icon
38829	1/2	170	10

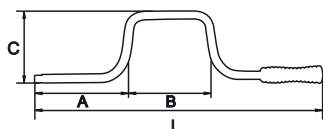


**MANGO CORREDIZO EN "T"**

COD.	AF inch	L (mm)	g	
<b>38830</b>	1/2	250	330	5



**BERBIQUÍ**



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g	
<b>38831</b>	1/2	380	135	140	100	500	5



**CARACTERÍSTICAS TÉCNICAS**

MATERIAL	Acero Inoxidable 420
DUREZA	38-48 HRc
RESISTENCIA A LA TRACCIÓN	1200 – 1500 N/mm <sup>2</sup> (MPa)