

GENERAL MOTORS ENGINEERING STANDARDS

Metric Engineering

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NOTE: THE LISTING OF SPECIFICATIONS AND PART NUMBERS IN THESE STANDARDS DOES NOT NECESSARILY INDICATE THAT ALL TYPES, SIZES, LENGTHS, MATERIALS OR FINISHES ARE STOCK ITEMS. USERS SHOULD CONSULT SUPPLIERS WITH REGARD TO AVAILABILITY.

MACHINE SCREWS

HEAD STYLE	- INCH -		- METRIC -		
	HEX	TYPE 1 CROSS RECESS	HEX	TYPE 1A CROSS RECESS	6-LOBED SOCKET
FLAT	—	C-1.201	—	C-1.201M	C-1.501M
OVAL	—	C-2.201	—	C-2.201M	C-2.501M
PAN	—	C-3.201	—	C-3.201M	C-3.501M
HEX	C-8.101	—	C-7.101M	—	—
HEX FLANGE	—	—	C-8.101M	—	—
HEX WASHER	C-9.101	—	C-9.101M	—	—
OVAL TRIM	—	—	—	C-12.201M	C-12.501M

SOCKET HEAD CAP SCREWS

HEXAGON (1960 SERIES) C-28.101

SET SCREWS

- INCH -		- METRIC -	
HEADLESS SLOTTED	C-31.101	HEXAGON SOCKET	C-32.101M
HEXAGON SOCKET	C-32.101		
SQUARE HEAD	C-34.101		

MACHINE SCREW AND LOCK WASHER ASSEMBLIES

LOCK WASHER TYPE Head Style	EXTERNAL TOOTH		INTERNAL TOOTH		SPRING	
	Hex	Cross Recess	Hex	Cross Recess	Hex	Cross Recess
FLAT	—	C-61.101	—	—	—	—
OVAL	—	C-61.101	—	—	—	—
PAN	—	C-61.101	—	C-61.102	—	C-63.101
HEX	C-61.101	—	C-61.102	—	C-63.101	—
HEX WASHER	C-61.101	—	C-61.102	—	C-63.101	—

METRIC PROJECTION WELD STUDS

TYPE TUS3 C-91.101M

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PENETRATION GAGES AND GAGING FOR:

TYPE 1 CROSS RECESS (INCH)	C-100.101
TYPE 1A CROSS RECESS (METRIC)	C-100.101M
6-LOBED SOCKET (METRIC)	C-102.101M

ENGAGEMENT GAGES AND GAGING FOR:

6-LOBED EXTERNAL DRIVE (METRIC)	C-110.101M
HEXAGON SOCKETS	C-200.101M

WOBBLE GAGE AND GAGING FOR:

TYPE 1 CROSS RECESS (INCH)	C-100.102
TYPE 1A CROSS RECESS (METRIC)	C-101.101M

HEADER POINTS FOR SCREW PRODUCTS C-300.101M

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156783		THRU	2.221	157667		158345	1.252	158673		159253	3.221	THRU	3.221
156792		157265		THRU	2.223	158349		158676		159254	3.221	160000	
THRU	2.221	157268	2.221	157674		158353	1.252	THRU	2.224	159255	3.221	160009	3.221
156799		157269	2.221	157846	1.224	158355	1.252	158679		159286	3.221	160021	3.221
156818	2.221	157277	2.221	157854	1.224	158357	1.252	158682	2.224	159287	3.221	160026	3.221
156819	2.221	157279	2.221	157855	1.224	158358	1.252	158686	2.224	159288	3.221	160028	3.221
156820	2.221	157282		157860		THRU	1.224	158690	2.224	159310	3.221	160029	3.221
156826		THRU	2.221	THRU	1.224	158360		158691	2.224	159332		160030	3.221
THRU	2.221	157288		157893		THRU	1.252	158698	2.224	THRU	3.221	160035	3.221
156833		157294	2.221	157908		158365		158700	2.224	159345		160036	3.221
156837		157296	2.221	THRU	1.224	158367		158701	2.224	159348		160037	3.221
THRU	2.221	157297	2.221	157914		THRU	1.252	158708	2.224	THRU	3.221	160039	
156841		157304		157916	1.224	158384		158709	2.224	159358		THRU	3.221
156857	2.221	THRU	2.221	157917	1.224	158386	1.252	158710	2.224	159373	3.221	160049	
156860		157308		157920	1.224	158387	1.252	158714	2.224	159375		160051	
THRU	2.221	157317	2.221	157921	1.224	158389	1.252	158715	2.224	THRU	3.221	THRU	3.221
156867		157319	2.221	157926	1.224	158391		158717	2.224	159382		160057	
156886	2.221	157321	2.221	157927	1.224	THRU	1.252	158730	2.224	159420	3.221	160059	
156898	2.221	157322	2.221	157928	1.224	158395		158733		159429	3.221	THRU	3.221
156946		157327	2.221	157930		158401		THRU	2.224	159442		160062	
THRU	2.221	157330		THRU	1.224	THRU	2.224	158748		THRU	3.221	160064	
156951		THRU	2.221	157935		158415		158750		159448		THRU	3.221
156953		157338		157937	1.224	158424		THRU	2.224	159449	3.222	160070	
THRU	2.221	157340		157938	1.224	THRU	2.224	158761		159450	3.222	160072	
156956		THRU	2.221	157939	1.224	158428		158764	2.224	159462	3.222	THRU</	