

MACHINED HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS

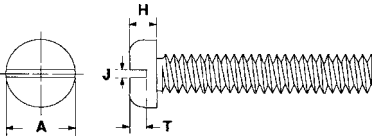
*Available in other materials. See material list in index. Other sizes available on request.

*Available in the following materials:

Material Code No.	Material Name	Material Code No.	Material Name	Material Code No.	Material Name	Material Code No.	Material Name
-3	Lexan®, (clear)	-27	PVC	-40	PFA, (Teflon®)	-195	Nylon 46, 30% Glass-filled, Flame Retardant, Heat Stabilized
-4	Lexan®, (black)	-28	CPVC	-41	Halar®	-213	Vespel®
-5	Ultem® 1000	-29	Teflon®	-60	Nylon 6/6, 30% Short Glass-filled	-272	PVC, (white)
-11	Polypropylene	-30	Tefzel®	-64	Delrin®, 25% Short Glass-filled	-273	PVC, (black)
-13	Polyethylene	-32	PCTFE	-77	Ultem® 2300, (natural)	-226	Radel® A200, Polyethersulfone
-14	ABS	-33	Polysulfone	-78	Nylon 6/6, (black)	-228	Radel® AG330, 30% Glass-filled
-15	PEEK™	-35	Noryl®	-194	Nylon 46, 30% Glass-filled, Heat Stabilized	-229	Radel® R5000, Polyphenylsulfone
-18	Nylon 6/6, (natural)	-37	PVDF				
-23	Nylon Super Tough	-38	Fiber Glass G10				
-24	Delrin®, (white)	-39	UHMW®				

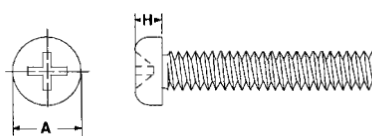
(Part No.) - (Size Code No.) - (Material Code No.)
(below) (page 157) (above)

PAN HEAD SLOTTED Part No. D244 -

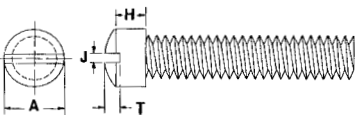


Thread Size	A nom	H nom	J nom	T nom
M3 x 0,5	6,00	1,80	0,80	0,82
M4 x 0,7	8,00	2,40	1,20	1,15
M5 x 0,8	10,00	3,00	1,20	1,35
M6 x 1	12,00	3,60	1,60	1,70

PAN HEAD CROSS RECESSED Part No. D245 -

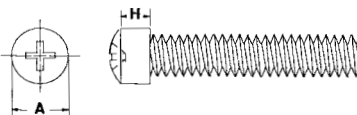


FILLISTER HEAD SLOTTED Part No. D248 -

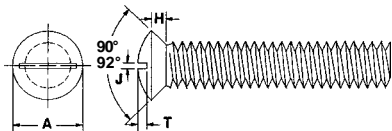


Thread Size	A nom	H nom	J nom	T nom
M2 x 0,4	4,00	1,60	0,60	0,90
M2,5 x 0,45	4,00	2,00	0,70	1,10
M3 x 0,5	5,00	2,40	1,00	1,30
M3,5 x 0,6	5,00	2,70	1,10	1,40
M4 x 0,7	7,00	3,10	1,20	1,60
M5 x 0,8	8,00	3,80	1,50	2,00
M6 x 1,0	10,00	4,60	1,90	2,30
M8 x 1,25	12,00	6,00	2,30	2,80
M10 x 1,5	16,00	7,50	2,80	3,20

FILLISTER CROSS RECESSED Part No. D247 -

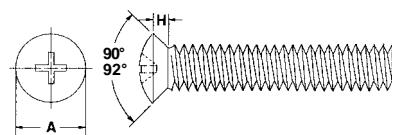


RAISED COUNTERSUNK HEAD SLOTTED Part No. D250 -

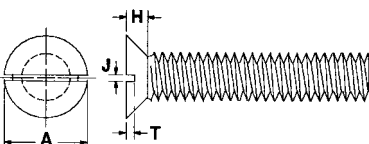


Thread Size	A nom	H max	J nom	T nom
M2 x 0,4	3,80	1,20	0,60	0,90
M2,5 x 0,45	4,70	1,50	0,70	1,10
M3 x 0,5	5,60	1,65	0,90	1,32
M3,5 x 0,6	6,50	1,93	1,10	1,55
M4 x 0,7	7,50	2,20	1,30	1,75
M5 x 0,8	9,20	2,50	1,40	2,15
M6 x 1,0	11,00	3,00	1,70	2,60
M8 x 1,25	14,50	4,00	2,10	3,70 (max)
M10 x 1,5	18,00	5,00	2,60	4,30

RAISED COUNTERSUNK HEAD CROSS RECESSED Part No. D249 -

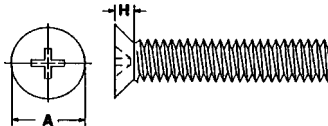


COUNTERSUNK HEAD SLOTTED Part No. D251 -



Thread Size	A nom	H max	J nom	T nom
M2 x 0,4	3,80	1,20	0,50	0,50
M2,5 x 0,45	4,70	1,50	0,60	0,60
M3 x 0,5	5,60	1,65	0,80	0,72
M4 x 0,7	7,50	2,20	1,00	0,95
M5 x 0,8	9,20	2,50	1,20	1,15
M6 x 1,0	11,00	3,00	1,60	1,40
M8 x 1,25	14,50	4,00	2,00	1,85
M10 x 1,50	18,00	5,00	2,50	2,30
M12 x 1,75	22,00	6,00	3,00	2,70

COUNTERSUNK HEAD CROSS RECESSED Part No. D252 -



Parts are made to DIN dimensions. Materials are selected by customer.

MACHINED HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS (continued)

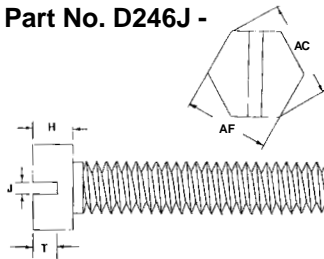
HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS, HEX CAP SCREWS/BOLTS and SET SCREWS SIZE CODE CHART

ALL DIMENSIONS GIVEN IN MILLIMETERS

Size Code No.	Thread Size	Length	Size Code No.	Thread Size	Length	Size Code No.	Thread Size	Length	Size Code No.	Thread Size	Length
-1000	M2 x 0,4	3mm	-25	M3 x 0,5	20mm	-52	M5 x 0,8	20mm	-77	M8 x 1,25	35mm
-1	M2 x 0,4	4mm	-26	M3 x 0,5	25mm	-53	M5 x 0,8	25mm	-78	M8 x 1,25	40mm
-2	M2 x 0,4	5mm	-27	M3 x 0,5	30mm	-54	M5 x 0,8	30mm	-79	M8 x 1,25	45mm
-3	M2 x 0,4	6mm	-28	M3,5 x 0,6	5mm	-55	M5 x 0,8	35mm	-80	M8 x 1,25	50mm
-4	M2 x 0,4	8mm	-29	M3,5 x 0,6	6mm	-56	M5 x 0,8	40mm	-81	M8 x 1,25	55mm
-5	M2 x 0,4	10mm	-30	M3,5 x 0,6	8mm	-57	M6 x 1,00	5mm	-82	M8 x 1,25	60mm
-6	M2 x 0,4	12mm	-31	M3,5 x 0,6	10mm	-58	M6 x 1,00	8mm	-83	M8 x 1,25	65mm
-600	M2 x 0,4	15mm	-32	M3,5 x 0,6	12mm	-59	M6 x 1,00	10mm	-84	M8 x 1,25	70mm
-7	M2 x 0,4	16mm	-33	M3,5 x 0,6	16mm	-60	M6 x 1,00	12mm	-85	M10 x 1,50	10mm
-8	M2 x 0,4	20mm	-34	M3,5 x 0,6	20mm	-603	M6 x 1,00	15mm	-853	M10 x 1,50	15mm
-9	M2 x 0,4	25mm	-35	M3,5 x 0,6	25mm	-61	M6 x 1,00	16mm	-86	M10 x 1,50	16mm
-10	M2,5 x 0,45	4mm	-36	M3,5 x 0,6	35mm	-62	M6 x 1,00	20mm	-87	M10 x 1,50	20mm
-11	M2,5 x 0,45	5mm	-37	M4 x 0,7	6mm	-63	M6 x 1,00	25mm	-88	M10 x 1,50	25mm
-12	M2,5 x 0,45	6mm	-38	M4 x 0,7	8mm	-64	M6 x 1,00	30mm	-89	M10 x 1,50	30mm
-13	M2,5 x 0,45	8mm	-39	M4 x 0,7	10mm	-65	M6 x 1,00	35mm	-90	M10 x 1,50	35mm
-14	M2,5 x 0,45	10mm	-40	M4 x 0,7	12mm	-66	M6 x 1,00	40mm	-91	M10 x 1,50	40mm
-15	M2,5 x 0,45	12mm	-41	M4 x 0,7	16mm	-67	M6 x 1,00	45mm	-92	M10 x 1,50	50mm
-16	M2,5 x 0,45	16mm	-42	M4 x 0,7	20mm	-68	M6 x 1,00	50mm	-93	M10 x 1,50	60mm
-17	M2,5 x 0,45	20mm	-43	M4 x 0,7	25mm	-69	M6 x 1,00	55mm	-94	M10 x 1,50	70mm
-18	M2,5 x 0,45	25mm	-44	M4 x 0,7	30mm	-70	M8 x 1,25	8mm	-95	M10 x 1,50	75mm
-19	M3 x 0,5	5mm	-45	M4 x 0,7	35mm	-71	M8 x 1,25	10mm	-96	M12 x 1,75	20mm
-20	M3 x 0,5	6mm	-46	M4 x 0,7	40mm	-72	M8 x 1,25	12mm	-97	M12 x 1,75	30mm
-21	M3 x 0,5	8mm	-47	M5 x 0,8	6mm	-723	M8 x 1,25	15mm	-98	M12 x 1,75	40mm
-22	M3 x 0,5	10mm	-48	M5 x 0,8	8mm	-73	M8 x 1,25	16mm	-99	M12 x 1,75	50mm
-23	M3 x 0,5	12mm	-49	M5 x 0,8	10mm	-74	M8 x 1,25	20mm	-100	M12 x 1,75	60mm
-233	M3 x 0,5	15mm	-50	M5 x 0,8	12mm	-75	M8 x 1,25	25mm	-101	M12 x 1,75	70mm
-24	M3 x 0,5	16mm	-51	M5 x 0,8	15mm	-76	M8 x 1,25	30mm	-102	M12 x 1,75	75mm

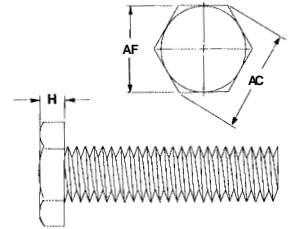
(Part No.) - (Size Code No.) - (Material Code No.)
(below) (above) (page 156)

HEX HEAD SLOTTED
Part No. D246J -

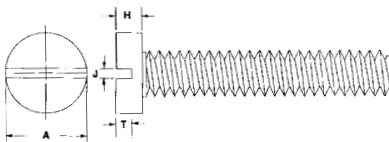


Thread Size	AF nom	H nom	AC max	J nom	T nom
M5 x 0,8	8,00	3,50	8,63	1,20	1,40
M6 x 1,0	10,00	4,00	10,89	1,60	1,60
M8 x 1,25	13,00	5,30	14,20	2,00	2,12
M10 x 1,5	17,00	6,40	18,72	2,50	2,56

HEX HEAD
Part No. D246 -



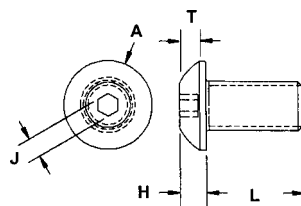
SLOTTED CHEESE HEAD
Part No. D243 -



Thread Size	A nom	H nom	J nom	T nom	Thread Size	A nom	H nom	J nom	T nom
M2 x 0,4	3,80	1,30	0,70	0,90	M5 x 0,8	8,50	3,30	1,50	1,80
M2,5 x 0,45	4,50	1,60	0,80	1,00	M6 x 1,0	10,00	3,90	1,90	2,30
M3 x 0,5	5,50	2,00	1,00	1,20	M8 x 1,25	13,00	5,00	2,30	2,80
M3,5 x 0,6	6,00	2,40	1,20	1,40	M10 1,5	16,00	6,00	2,80	3,30
M4 x 0,7	7,00	2,60	1,51	1,50					

BUTTON SOCKET HEAD
Part No. K300 -

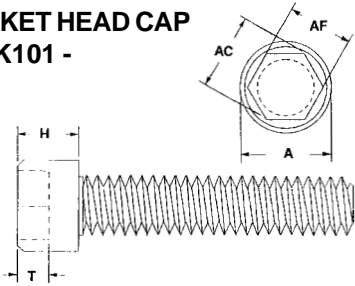
Available from M3 and up.
Fine or coarse thread.
Call for quote.



MACHINED HIGH TECHNOLOGY PLASTIC METRIC HEX CAP SCREWS and BOLTS

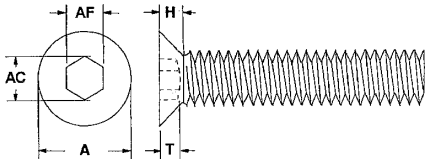
(Part No.) - (Size Code No.) - (Material Code No.)
(below) (page 157) (page 156)

**HEX SOCKET HEAD CAP
Part No. K101 -**



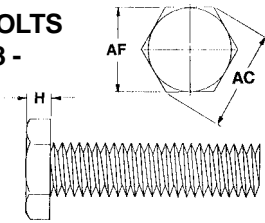
Thread Size	A	H	T	AF	AC
	max	nom	min	nom	min
M2 x 0,4	3,80	1,93	1,00	1,50	1,73
M2,5 x 0,45	4,45	2,43	1,10	2,00	2,30
M3 x 0,5	5,50	2,93	1,30	2,50	2,87
M4 x 0,7	7,00	3,91	2,00	3,00	3,44
M5 x 0,8	8,50	4,91	2,50	4,00	4,58
M6 x 1,0	10,00	5,85	3,00	5,00	5,72
M8 x 1,25	13,00	7,82	4,00	6,00	6,86
M10 x 1,5	16,00	9,82	5,00	8,00	9,15
M12 x 1,75	18,00	11,78	6,00	10,00	11,53

**COUNTERSUNK HEX SOCKET HEAD CAP
Part No. K301 -**



Thread Size	A	H	T	AF	AC
	max	max	nom	nom	min
M3 x 0,5	6,00	1,70	1,20	2,00	2,30
M4 x 0,7	8,00	2,30	1,80	2,50	2,87
M5 x 0,8	10,00	2,80	2,30	3,00	3,44
M6 x 1,0	12,00	3,30	2,50	4,00	4,58
M8 x 1,25	16,00	4,40	3,50	5,00	5,72
M10 x 1,5	20,00	5,50	4,40	6,00	6,86
M12 x 1,75	24,00	6,50	4,60	8,00	9,15

**HEX HEAD BOLTS
Part No. J108 -**

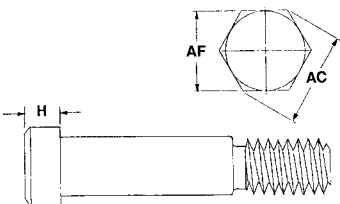


Thread Size	AF	H	AC
	nom	nom	min
M5 x 0,8	8,00	3,50	8,63
M6 x 1,00	10,00	4,00	10,89
M8 x 1,25	13,00	5,30	14,20
M10 x 1,5	17,00	6,40	18,72
M12 x 1,75	19,00	7,50	20,88

MACHINED HIGH TECHNOLOGY PLASTIC METRIC HEX FIT BOLTS

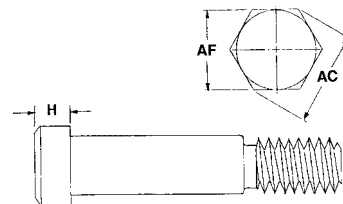
(Part No.) - (Size Code No.) - (Material Code No.)
(below) (page 157) (page 156)

**HEX FIT BOLTS
with Long Threaded Dog Point
Part No. D309 -**



Thread Size	AF	H	AC
	nom	nom	min
M8	13,00	5,30	14,38
M10	16/17,00	6,40	17,77/18,90
M12	18/19,00	7,50	19,85/20,88

**HEX FIT BOLTS
with Short Threaded Dog Point
Part No. D310 -**



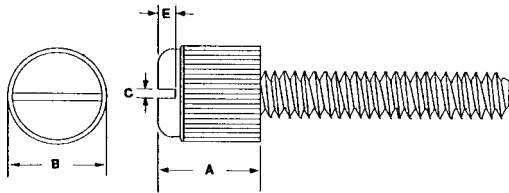
Parts are made to DIN dimensions. Materials are selected by customer.

MACHINED HIGH TECHNOLOGY PLASTIC METRIC THUMB SCREWS

(Part No.) - (Size Code No.) - (Material Code No.)
(below) (page 157) (page 156)

SLOTTED THUMB SCREWS

Part No. D241 -

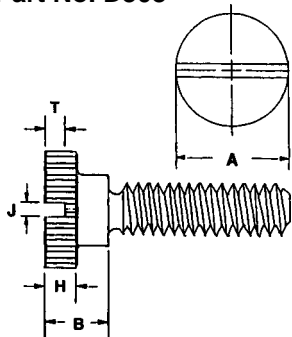


Thread Size	A	B	C	E
M3 x ,5	5,5	8,1	1,0	1,1
M3,5 x ,6	6,4	8,8	1,1	1,3
M4 x ,7	7,1	9,7	1,2	1,5
M5 x ,8	8,1	10,5	1,4	1,7
M6 x 1,0	8,3	12,5	1,8	2,2

Dimensions are +/- .125
No DIN available.

KNURLED THUMB SCREWS SLOTTED

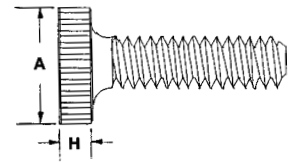
Part No. D308 -



Thread Size	A nom	H nom	J nom	T nom	B nom
M2 x 0,4	9,00	2,00	0,50	1,25	5,30
M2,5 x 0,45	11,00	2,50	0,60	1,65	6,50
M3 x 0,5	12,00	2,50	0,80	2,00	7,50
M4 x 0,7	16,00	3,50	1,00	2,45	9,50
M5 x 0,8	20,00	4,00	1,20	3,10	11,50
M6 x 1	24,00	5,00	1,60	3,90	15,00
M8 x 1,25	30,00	6,00	2,00	5,00	18,00
M10 x 1,5	36,00	8,00	2,50	6,50	23,00

KNURLED THIN THUMB SCREWS

Part No. D307 -





Parts are made to DIN dimensions. Materials are selected by customer.

MACHINED HIGH TECHNOLOGY PLASTIC METRIC SET SCREWS

*Available in other materials. See material list in index.
Other sizes available on request.

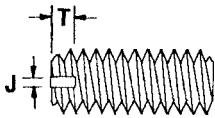
*Available in the following materials:

Material Code No.	Material Name	Material Code No.	Material Name	Material Code No.	Material Name	Material Code No.	Material Name
-3	Lexan®, (clear)	-27	PVC	-40	PFA, (Teflon®)	-195	Nylon 46, 30% Glass-filled, Flame Retardant, Heat Stabilized
-4	Lexan®, (black)	-28	CPVC	-41	Halar®	-213	Vespal®
-5	Ultem® 1000	-29	Teflon®	-60	Nylon 6/6, 30% Short Glass-filled	-272	PVC, (white)
-11	Polypropylene	-30	Tefzel®	-64	Delrin®, 25% Short Glass-filled	-273	PVC, (black)
-13	Polyethylene	-32	PCTFE	-77	Ultem® 2300, (natural)	-226	Radel® A200, Polyethersulfone
-14	ABS	-33	Polysulfone	-78	Nylon 6/6, (black)	-228	Radel® AG330, 30% Glass-filled
-15	PEEK™	-35	Noryl®	-194	Nylon 46, 30% Glass-filled, Heat Stabilized	-229	Radel® R5000, Polyphenylsulfone
-18	Nylon 6/6, (natural)	-37	PVDF				
-23	Nylon Super Tough	-38	Fiber Glass G10				
-24	Delrin®, (white)	-39	UHMW®				

Part No. **D260** - (Size Code No.) - (Set Style) - SL  (Slotted) or SK  (Socket) - (Material Code No.)
(page 157) (below) (above)

Set Style:

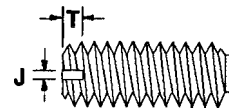
FLAT POINT - FP



LONG DOG POINT - LDP



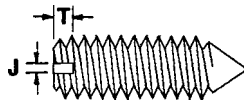
FULL DOG POINT - FDP



CUP POINT - CP



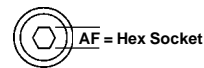
CONE POINT - CNP



CHAMFERED END - CE



Thread Size	J nom	T nom	AF nom
M2 x 0,4	0,25	0,64	0,90
M2,5 x 0,45	0,40	0,72	1,30
M3 x 0,5	0,40	0,80	1,50
M4 x 0,7	0,60	1,12	2,00
M5 x 0,8	0,80	1,28	2,50
M6 x 1	1,00	1,60	3,00
M8 x 1,25	1,20	2,00	4,00
M10 x 1,5	1,60	2,40	5,00
M12 x 1,75	2,00	2,80	6,00



Parts are made to DIN dimensions. Materials are selected by customer.