

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

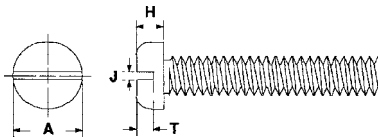
# HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS

\*Available in the following materials:

<table border="0"> <tr><th>Material Code No.</th><th>Material Name</th></tr> <tr><td>-3</td><td>Lexan®, (clear)</td></tr> <tr><td>-4</td><td>Lexan®, (black)</td></tr> <tr><td>-5</td><td>Ultem® 1000</td></tr> <tr><td>-6</td><td>Ultem® 2300, (black)</td></tr> <tr><td>-11</td><td>Polypropylene</td></tr> <tr><td>-13</td><td>Polyethylene</td></tr> <tr><td>-14</td><td>ABS</td></tr> <tr><td>-15</td><td>PEEK®</td></tr> <tr><td>-18</td><td>Nylon 6/6, (natural)</td></tr> <tr><td>-23</td><td>Nylon Super Tough</td></tr> <tr><td>-24</td><td>Delrin®, (white)</td></tr> </table>	Material Code No.	Material Name	-3	Lexan®, (clear)	-4	Lexan®, (black)	-5	Ultem® 1000	-6	Ultem® 2300, (black)	-11	Polypropylene	-13	Polyethylene	-14	ABS	-15	PEEK®	-18	Nylon 6/6, (natural)	-23	Nylon Super Tough	-24	Delrin®, (white)	<table border="0"> <tr><th>Material Code No.</th><th>Material Name</th></tr> <tr><td>-27</td><td>PVC</td></tr> <tr><td>-28</td><td>CPVC</td></tr> <tr><td>-29</td><td>Teflon®</td></tr> <tr><td>-30</td><td>Tefzel®</td></tr> <tr><td>-32</td><td>PCTFE</td></tr> <tr><td>-33</td><td>Polysulfone</td></tr> <tr><td>-35</td><td>Noryl®</td></tr> <tr><td>-37</td><td>Kynar®, (PVDF)</td></tr> <tr><td>-38</td><td>Fiber Glass G10</td></tr> <tr><td>-39</td><td>UHMW®</td></tr> <tr><td>-40</td><td>PFA, (Teflon®)</td></tr> </table>	Material Code No.	Material Name	-27	PVC	-28	CPVC	-29	Teflon®	-30	Tefzel®	-32	PCTFE	-33	Polysulfone	-35	Noryl®	-37	Kynar®, (PVDF)	-38	Fiber Glass G10	-39	UHMW®	-40	PFA, (Teflon®)	<table border="0"> <tr><th>Material Code No.</th><th>Material Name</th></tr> <tr><td>-41</td><td>Halar®</td></tr> <tr><td>-60</td><td>Nylon 6/6, 30% Short Glass-filled</td></tr> <tr><td>-64</td><td>Delrin®, 25% Short Glass-filled</td></tr> <tr><td>-74</td><td>Isoplast™, 40% Long Glass Fiber, (natural)</td></tr> <tr><td>-77</td><td>Ultem® 2300, (natural)</td></tr> <tr><td>-78</td><td>Nylon 6/6, (black)</td></tr> <tr><td>-194</td><td>Nylon 46, 30% Glass-filled, Heat Stabilized</td></tr> </table>	Material Code No.	Material Name	-41	Halar®	-60	Nylon 6/6, 30% Short Glass-filled	-64	Delrin®, 25% Short Glass-filled	-74	Isoplast™, 40% Long Glass Fiber, (natural)	-77	Ultem® 2300, (natural)	-78	Nylon 6/6, (black)	-194	Nylon 46, 30% Glass-filled, Heat Stabilized	<table border="0"> <tr><th>Material Code No.</th><th>Material Name</th></tr> <tr><td>-195</td><td>Nylon 46, 30% Glass-filled, Flame Retardant, Heat Stabilized</td></tr> <tr><td>-213</td><td>Vespel®</td></tr> <tr><td>-218</td><td>Ryton, 40% Glass-filled, (black), (PPS)</td></tr> <tr><td>-272</td><td>PVC, (white)</td></tr> <tr><td>-273</td><td>PVC, (black)</td></tr> <tr><td>-226</td><td>Radel® A200, Polyethersulfone</td></tr> <tr><td>-228</td><td>Radel® AG330, 30% Glass-filled</td></tr> <tr><td>-229</td><td>Radel® R5000, Polyphenylsulfone</td></tr> </table>	Material Code No.	Material Name	-195	Nylon 46, 30% Glass-filled, Flame Retardant, Heat Stabilized	-213	Vespel®	-218	Ryton, 40% Glass-filled, (black), (PPS)	-272	PVC, (white)	-273	PVC, (black)	-226	Radel® A200, Polyethersulfone	-228	Radel® AG330, 30% Glass-filled	-229	Radel® R5000, Polyphenylsulfone
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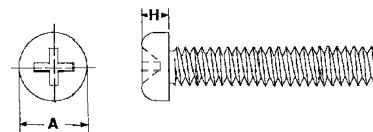
(Part No.) - (Size Code No.) - (Material Code No.)  
(below) (page 48) (above)

### PAN HEAD SLOTTED Part No. D244 -

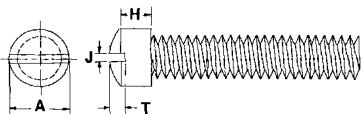


Thread Size	A nom	H nom	J nom	T nom
M3 x 0,5	6,00	1,80	0,80	0,82
M4 x 0,7	8,00	2,40	1,20	1,15
M5 x 0,8	10,00	3,00	1,20	1,35
M6 x 1	12,00	3,60	1,60	1,70

### PAN HEAD CROSS RECESSED Part No. D245 -

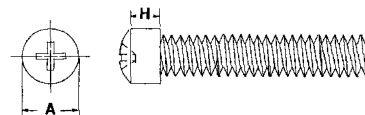


### FILLISTER HEAD SLOTTED Part No. D248 -

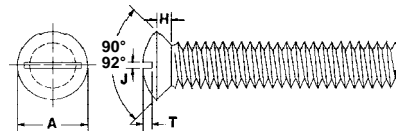


Thread Size	A nom	H nom	J nom	T nom
M2 x 0,4	4,00	1,60	0,60	0,90
M2,5 x 0,45	5,00	2,00	0,70	1,10
M3 x 0,5	6,00	2,40	1,00	1,30
M3,5 x 0,6	7,00	2,70	1,10	1,40
M4 x 0,7	8,00	3,10	1,20	1,60
M5 x 0,8	10,00	3,80	1,50	2,00
M6 x 1,0	12,00	4,60	1,90	2,30
M8 x 1,25	16,00	6,00	2,30	2,80
M10 x 1,5	20,00	7,50	2,80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

### FILLISTER CROSS RECESSED Part No. D247 -

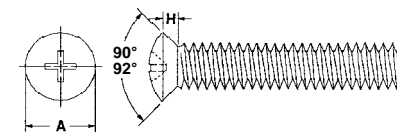


### RAISED COUNTERSUNK HEAD SLOTTED Part No. D250 -

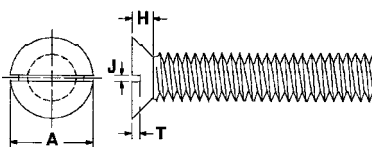


Thread Size	A nom	H max	J nom	T nom
M2 x 0,4	3,80	1,20	0,60	0,90
M2,5 x 0,45	4,70	1,50	0,70	1,10
M3 x 0,5	5,60	1,65	0,90	1,32
M3,5 x 0,6	6,50	1,93	1,10	1,55
M4 x 0,7	7,50	2,20	1,30	1,75
M5 x 0,8	9,20	2,50	1,40	2,15
M6 x 1,0	11,00	3,00	1,70	2,60
M8 x 1,25	14,50	4,00	2,10	3,70 (max)
M10 x 1,5	18,00	5,00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

### RAISED COUNTERSUNK HEAD CROSS RECESSED Part No. D249 -

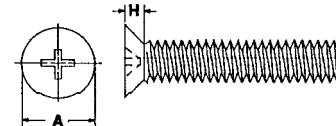


### COUNTERSUNK HEAD SLOTTED Part No. D251 -



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.

HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS (continued)

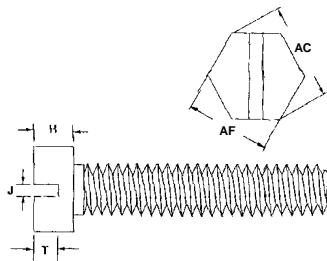
HIGH TECHNOLOGY PLASTIC METRIC MACHINE SCREWS, HEX CAP SCREWS/BOLTS and SET SCREWS SIZE CODE CHART

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

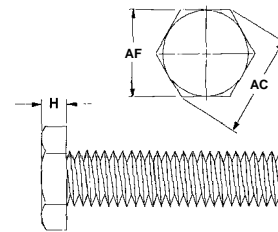
(Part No.) - (Size Code No.) - (Material Code No.)  
 (below) (above) (page 47)

**HEX HEAD SLOTTED**  
**Part No. D246J -**

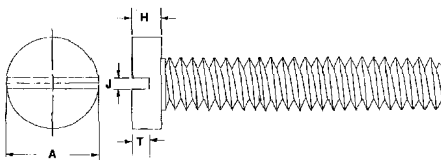


Thread Size	AF nom	H nom	AC max	J nom	T nom
M5 x 0,8	8,00	3,50	8,63	1,20	1,40
M6 x 1,0	10,00	4,00	10,89	1,60	1,60
M8 x 1,25	13,00	5,30	14,20	2,00	2,12
M10 x 1,5	17,00	6,40	18,72	2,50	2,56

**HEX HEAD**  
**Part No. D246 -**



**SLOTTED CHEESE HEAD**  
**Part No. D243 -**



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