
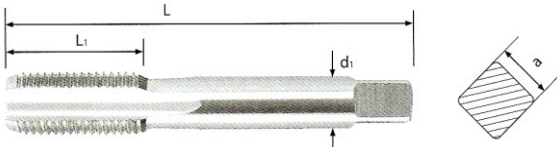
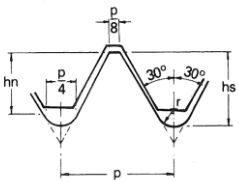


Taps Metric Fine Straight Flute

	<p>Taps Metric Fine Straight Flute                  Suitable for hand and machine tapping of through and blind holes                  Manufactured to ISO 529                  Tolerance Class 2 for 6H fit                  Silver finish</p>
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	<table border="1"> <thead> <tr> <th>Code</th> <th>Size</th> <th>d1 mm</th> <th>L1 mm</th> <th>L mm</th> <th>a mm</th> </tr> </thead> <tbody> <tr><td>21-505-630</td><td>M3</td><td>3.55</td><td>13</td><td>50</td><td>2.8</td></tr> <tr><td>21-505-640</td><td>M4</td><td>5.0</td><td>16</td><td>58</td><td>4.0</td></tr> <tr><td>21-505-650</td><td>M5</td><td>6.3</td><td>19</td><td>66</td><td>5.0</td></tr> <tr><td>21-505-660</td><td>M6</td><td>6.3</td><td>22</td><td>72</td><td>5.0</td></tr> <tr><td>21-505-665</td><td>M6</td><td>6.3</td><td>22</td><td>72</td><td>5.0</td></tr> <tr><td>21-505-680</td><td>M8</td><td>8.0</td><td>22</td><td>72</td><td>6.3</td></tr> <tr><td>21-505-685</td><td>M8</td><td>8.0</td><td>22</td><td>72</td><td>6.3</td></tr> <tr><td>21-505-700</td><td>M10</td><td>10.0</td><td>24</td><td>80</td><td>8.0</td></tr> <tr><td>21-505-705</td><td>M10</td><td>10.0</td><td>24</td><td>80</td><td>8.0</td></tr> <tr><td>21-505-720</td><td>M12</td><td>9.0</td><td>29</td><td>89</td><td>7.1</td></tr> <tr><td>21-505-725</td><td>M12</td><td>9.0</td><td>29</td><td>89</td><td>7.1</td></tr> </tbody> </table>	Code	Size	d1 mm	L1 mm	L mm	a mm	21-505-630	M3	3.55	13	50	2.8	21-505-640	M4	5.0	16	58	4.0	21-505-650	M5	6.3	19	66	5.0	21-505-660	M6	6.3	22	72	5.0	21-505-665	M6	6.3	22	72	5.0	21-505-680	M8	8.0	22	72	6.3	21-505-685	M8	8.0	22	72	6.3	21-505-700	M10	10.0	24	80	8.0	21-505-705	M10	10.0	24	80	8.0	21-505-720	M12	9.0	29	89	7.1	21-505-725	M12	9.0	29	89	7.1
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	<p> <math>r = \text{Basic Radius} = 0.1443 p</math>  <math>hn = \text{Basic Height of Internal Thread \&amp; Depth of Thread}</math>  <math>\text{Engagement} = 0.54127p</math>  <math>hs = \text{Basic Height of External Thread} = 0.61344 p</math>  <math>p = \text{Pitch}</math> </p>
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Set Code	Second Code	Size	Pitch mm	Basic Major Dia. mm	Basic Minor Dia. mm	Basic Thread Depth mm	Tapping Drill mm	Clearance Drill mm
21-505-630	N/A	M3	0.35	3.00	2.570	0.215	2.65	3.1
21-505-640	N/A	M4	0.50	4.00	3.387	0.306	3.50	4.1
21-505-650	21-505-652	M5	0.50	5.00	4.387	0.306	4.50	5.1
21-505-665	21-505-667	M6	0.75	6.00	5.080	0.460	5.25	6.1
21-505-680	21-505-682	M8	0.75	8.00	7.080	0.460	7.20	8.2
21-505-685	21-505-687	M8	1.00	8.00	6.773	0.614	7.00	8.2
21-505-700	21-505-702	M10	1.00	10.00	8.773	0.613	9.00	10.2
21-505-705	21-505-707	M10	1.25	10.00	8.466	0.767	8.75	10.2
21-505-720	21-505-722	M12	1.25	12.00	10.466	0.767	10.75	12.2
21-505-725	21-505-727	M12	1.50	12.00	10.160	0.920	10.50	12.2
N/A	21-505-742	M14	1.50	14.00	12.160	0.920	12.50	14.25
N/A	21-505-752	M16	1.50	16.00	14.160	0.920	14.50	16.25
N/A	21-505-762	M18	1.00	18.00	16.773	0.613	17.00	18.25
N/A	21-505-772	M18	1.50	18.00	16.160	0.920	16.50	18.25
N/A	21-505-782	M20	1.50	20.00	18.180	0.920	18.50	20.25
N/A	21-505-792	M25	1.50	25.00	23.160	0.920	23.50	25.25
N/A	21-505-802	M30	1.50	30.00	28.160	0.920	28.50	30.25

## Taps Metric Fine Straight Flute

## Packed Weight and Dimensions

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## 3 Piece Sets

Set Code	Size	Pitch mm	Weight g	W mm	H mm	L mm
21-505-630	M3	0.35	11	23	9	70
21-505-640	M4	0.50	16	23	9	70
21-505-650	M5	0.50	29	36	12	82
21-505-660	M6	0.50	46	36	12	82
21-505-665	M6	0.75	46	36	12	82
21-505-680	M8	0.75	50	36	11	82
21-505-685	M8	1.00	50	36	11	82
21-505-700	M10	1.00	91	46	15	100
21-505-705	M10	1.25	91	46	15	100
21-505-720	M12	1.25	138	46	14	100
21-505-725	M12	1.50	138	46	14	100

## Packed Weight and Dimensions

## Second Taps

Second Code	Size	Pitch mm	Weight g	W mm	H mm	L mm
21-505-652	M5	0.50	10	13	12	93
21-505-667	M6	0.75	17	15	14	79
21-505-682	M8	0.75	18	15	14	79
21-505-687	M8	1.00	21	15	14	79
21-505-702	M10	1.00	32	16	14	101
21-505-707	M10	1.25	32	16	14	101
21-505-722	M12	1.25	47	16	14	101
21-505-727	M12	1.50	47	16	14	101
21-505-742	M14	1.50	70	19	19	100
21-505-752	M16	1.50	94	19	19	108
21-505-762	M18	1.00	116	22	22	100
21-505-772	M18	1.50	133	22	22	122
21-505-782	M20	1.50	147	30	30	113
21-505-792	M25	1.50	266	30	30	199
21-505-802	M30	1.50	328	30	30	129