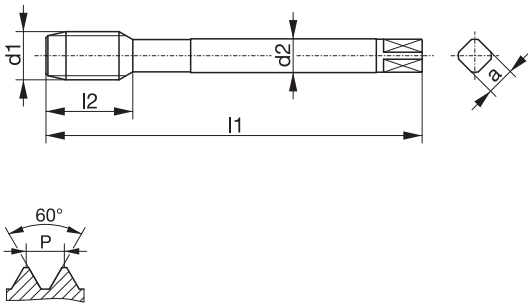





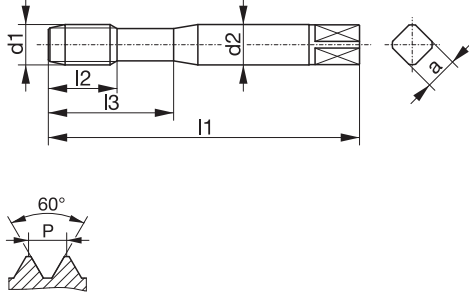











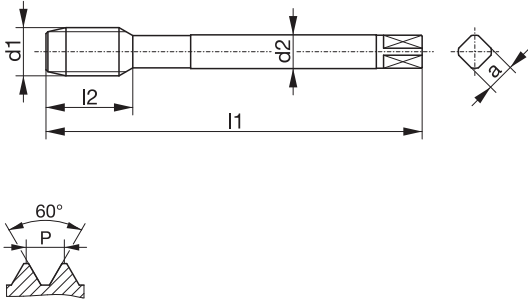





Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 N	VARIANT 1 N	VARIANT 1 N	VARIANT 1 H																																																																																	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p>																																																																																					
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																																					
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.3 / 5.1-5.2 8.1	1.1-1.3 / 4.3 5.2-5.3 / 7.1 8.1	1.2-1.3 / 5.1-5.2 8.1	1.3-1.5 / 4.1 4.5																																																																																	
<b>Ausführung / model / exécution / modello / modelo</b>		TIN	LH																																																																																		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE																																																																																	
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H	ISO2/6H	ISO1/4H																																																																																	
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9																																																																																	
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5																																																																																	
<table border="1"> <thead> <tr> <th><math>\varnothing d_1</math></th> <th>P</th> <th><math>l_1</math></th> <th><math>l_2</math></th> <th><math>l_3</math></th> <th><math>\varnothing d_2</math></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 1,2</td> <td>0,25</td> <td>40</td> <td>6</td> <td>-</td> <td>2,5</td> <td>2,1</td> <td>0,95</td> <td>108301</td> </tr> <tr> <td>M 1,4</td> <td>0,3</td> <td>40</td> <td>7</td> <td>-</td> <td>2,5</td> <td>2,1</td> <td>1,1</td> <td>108302</td> </tr> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>105339</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>12</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>105347</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>14</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>105365</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>105369</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>105411</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>105320</td> </tr> </tbody> </table>	$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación	M 1,2	0,25	40	6	-	2,5	2,1	0,95	108301	M 1,4	0,3	40	7	-	2,5	2,1	1,1	108302	M 3	0,5	56	10	18	3,5	2,7	2,5	105339	M 4	0,7	63	12	21	4,5	3,4	3,3	105347	M 5	0,8	70	14	25	6	4,9	4,2	105365	M 6	1	80	16	30	6	4,9	5	105369	M 8	1,25	90	18	35	8	6,2	6,8	105411	M 10	1,5	100	20	39	10	8	8,5	105320				
$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación																																																																													
M 1,2	0,25	40	6	-	2,5	2,1	0,95	108301																																																																													
M 1,4	0,3	40	7	-	2,5	2,1	1,1	108302																																																																													
M 3	0,5	56	10	18	3,5	2,7	2,5	105339																																																																													
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M 5	0,8	70	14	25	6	4,9	4,2	105365																																																																													
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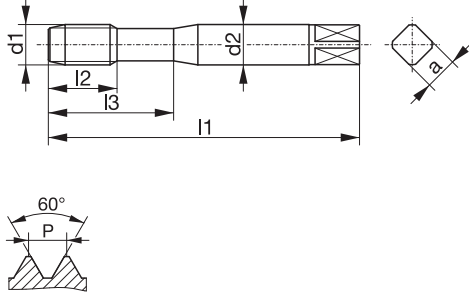








Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 N	VARIANT 2 N		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 5.1-5.2 8.1	1.1-1.3 / 4.3 5.2-5.3 / 7.1 8.1		
Ausführung / model / exécution / modello / modelo		TIN		
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H		
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3,5-5,5	B / 3,5-5,5		


Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	
M 12	1,75	110	24	-	9	7	10,2	105610	105718
M 16	2	110	27	-	12	9	14	105617	105720
M 20	2,5	140	32	-	16	12	17,5	105627	105722

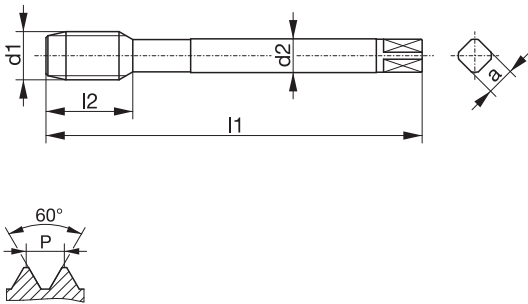




Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 H	VARIANT 1 H	VARIANT 1 H	VARIANT 1 H																																																																																																																																																									
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 																																																																																																																																																													
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<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.3-1.5 / 4.1 4.5	1.3-1.5 / 4.1 4.5	1.3-1.5 / 4.1 4.5	1.3-1.4 / 2.1-2.3																																																																																																																																																									
<b>Ausführung / model / exécution / modello / modelo</b>				VAP																																																																																																																																																									
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<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO3/6G	7G	ISO1/4H																																																																																																																																																									
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9																																																																																																																																																									
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5																																																																																																																																																									
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$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación																																																																																																																																																					
M 1,2	0,25	40	5,5	-	2,5	2,1	0,95	038372																																																																																																																																																					
M 1,4	0,3	40	7	-	2,5	2,1	1,1	000091																																																																																																																																																					
M 1,6	0,35	40	8	-	2,5	2,1	1,25	108303																																																																																																																																																					
M 1,7	0,35	40	8	-	2,5	2,1	1,3	108304																																																																																																																																																					
M 2	0,4	45	9	-	2,8	2,1	1,6	108312																																																																																																																																																					
M 2,2	0,45	45	9	-	2,8	2,1	1,75	108313																																																																																																																																																					
M 2,3	0,4	45	9	-	2,8	2,1	1,85	108314																																																																																																																																																					
M 2,5	0,45	50	9	14	2,8	2,1	2,05	108315																																																																																																																																																					
M 2,6	0,45	50	9	14	2,8	2,1	2,1	108316																																																																																																																																																					
M 3	0,5	56	10	18	3,5	2,7	2,5	108324																																																																																																																																																					
M 3,5	0,6	56	11	20	4	3	2,9	108325																																																																																																																																																					
M 4	0,7	63	12	21	4,5	3,4	3,3	108328																																																																																																																																																					
M 5	0,8	70	14	25	6	4,9	4,2	108347																																																																																																																																																					
M 6	1	80	16	30	6	4,9	5	108349																																																																																																																																																					
M 8	1,25	90	18	35	8	6,2	6,8	108380																																																																																																																																																					
M 10	1,5	100	20	39	10	8	8,5	108305																																																																																																																																																					


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIANT 2 H</b>			
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.3-1.5 / 4.1 4.5</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE			
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H			
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5			

$\varnothing d_1$	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
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M 8	1,25	90	18	-	6	4,9	6,8	108542
M 10	1,5	100	20	-	7	5,5	8,5	108506
M 12	1,75	110	24	-	9	7	10,2	108507
M 14	2	110	25	-	11	9	12	108511
M 16	2	110	27	-	12	9	14	108513
M 20	2,5	140	32	-	16	12	17,5	108518
M 24	3	160	36	-	18	14,5	21	108522
M 27	3	160	36	-	20	16	24	108524
M 30	3,5	180	40	-	22	18	26,5	108525
M 33	3,5	180	40	-	25	20	29,5	108526
M 36	4	200	50	-	28	22	32	108527
M 39	4	200	50	-	32	24	35	108528
M 42	4,5	200	50	-	32	24	37,5	108530
M 45	4,5	220	55	-	36	29	40,5	108531
M 48	5	250	60	-	36	29	43	038315
M 52	5	250	60	-	40	32	47	038338
M 56	5,5	250	60	-	40	32	50,5	038339

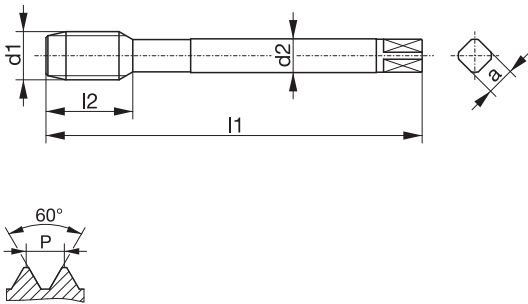



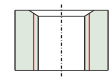
Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 H	VARIANT 1 H	VARIANT 1 H	VARIANT 1 H
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.3-1.4 / 2.1-2.3	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5
<b>Ausführung / model / exécution / modello / modelo</b>	VAP	TIN	TIN	TIN
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO1/4H	ISO2/6H	ISO3/6G
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación		
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M 1,4	0,3	40	7	-	2,5	2,1	1,1	006715		
M 1,6	0,35	40	8	-	2,5	2,1	1,25	108417	006800	
M 1,7	0,35	40	8	-	2,5	2,1	1,3	038370	015516	
M 2	0,4	45	9	-	2,8	2,1	1,6	110253	108405	
M 2,2	0,45	45	9	-	2,8	2,1	1,75	110254	108406	
M 2,3	0,4	45	9	-	2,8	2,1	1,85	038371	004334	
M 2,5	0,45	50	9	14	2,8	2,1	2,05	110255	108407	
M 2,6	0,45	50	9	14	2,8	2,1	2,1	004336	014604	
M 3	0,5	56	10	18	3,5	2,7	2,5	110256	108408	108367
M 3,5	0,6	56	11	20	4	3	2,9	010672	108409	
M 4	0,7	63	12	21	4,5	3,4	3,3	110259	108410	108368
M 5	0,8	70	14	25	6	4,9	4,2	110262	108412	108369
M 6	1	80	16	30	6	4,9	5	110264	108413	108370
M 8	1,25	90	18	35	8	6,2	6,8	110268	108415	108371
M 10	1,5	100	20	39	10	8	8,5	110251	108403	108364

Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 H	VARIANT 2 H
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 		
Bohrung / bore / type de trou / fori / tipos de agujeros		
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.3-1.4 / 2.1-2.3	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5
Ausführung / model / exécution / modello / modelo	VAP	TIN
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3,5-5,5	B / 3,5-5,5

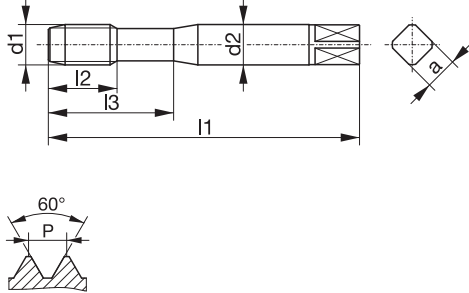








Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 6	1	80	16	-	4,5	3,4	5	002288 108566
M 8	1,25	90	18	-	6	4,9	6,8	110292 002368
M 10	1,5	100	20	-	7	5,5	8,5	110279 002367
M 12	1,75	110	24	-	9	7	10,2	110281 108555
M 14	2	110	25	-	11	9	12	110282 108557
M 16	2	110	27	-	12	9	14	110283 108558
M 18	2,5	125	32	-	14	11	15,5	110285 108560
M 20	2,5	140	32	-	16	12	17,5	110286 108561
M 22	2,5	140	32	-	18	14,5	19,5	110287
M 24	3	160	36	-	18	14,5	21	110288 108563


Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 H	VARIANT 1 H	VARIANT 1 H	VARIANT 1 VA																																																																																										
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p>																																																																																														
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																																														
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5	1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5	1.3-1.6 / 3.2-3.4 4.5 / 5.4	1.3-1.5 / 4.1 4.5 / 5.1-5.3 8.1																																																																																										
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	TIN	TICN																																																																																											
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE																																																																																										
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	7G	6H+0,1	ISO2/6H	ISO2/6H																																																																																										
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9																																																																																										
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5																																																																																										
<table border="1"> <thead> <tr> <th>Ød<sub>1</sub></th> <th>P</th> <th>l<sub>1</sub></th> <th>l<sub>2</sub></th> <th>l<sub>3</sub></th> <th>Ød<sub>2</sub></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 2</td> <td>0,4</td> <td>45</td> <td>9</td> <td>-</td> <td>2,8</td> <td>2,1</td> <td>1,6</td> <td>038340</td> </tr> <tr> <td>M 2,5</td> <td>0,45</td> <td>50</td> <td>9</td> <td>14</td> <td>2,8</td> <td>2,1</td> <td>2,05</td> <td>038341</td> </tr> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>004297 108395 028999</td> </tr> <tr> <td>M 3,5</td> <td>0,6</td> <td>56</td> <td>11</td> <td>20</td> <td>4</td> <td>3</td> <td>2,9</td> <td>108396</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>12</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>004298 004352 108397 029000</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>14</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>108378 004353 108398 029001</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>004346 004354 108399 029002</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>108379 108416 108400 029003</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>004347 003298 108391 029004</td> </tr> </tbody> </table>	Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	M 2	0,4	45	9	-	2,8	2,1	1,6	038340	M 2,5	0,45	50	9	14	2,8	2,1	2,05	038341	M 3	0,5	56	10	18	3,5	2,7	2,5	004297 108395 028999	M 3,5	0,6	56	11	20	4	3	2,9	108396	M 4	0,7	63	12	21	4,5	3,4	3,3	004298 004352 108397 029000	M 5	0,8	70	14	25	6	4,9	4,2	108378 004353 108398 029001	M 6	1	80	16	30	6	4,9	5	004346 004354 108399 029002	M 8	1,25	90	18	35	8	6,2	6,8	108379 108416 108400 029003	M 10	1,5	100	20	39	10	8	8,5	004347 003298 108391 029004				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación																																																																																						
M 2	0,4	45	9	-	2,8	2,1	1,6	038340																																																																																						
M 2,5	0,45	50	9	14	2,8	2,1	2,05	038341																																																																																						
M 3	0,5	56	10	18	3,5	2,7	2,5	004297 108395 028999																																																																																						
M 3,5	0,6	56	11	20	4	3	2,9	108396																																																																																						
M 4	0,7	63	12	21	4,5	3,4	3,3	004298 004352 108397 029000																																																																																						
M 5	0,8	70	14	25	6	4,9	4,2	108378 004353 108398 029001																																																																																						
M 6	1	80	16	30	6	4,9	5	004346 004354 108399 029002																																																																																						
M 8	1,25	90	18	35	8	6,2	6,8	108379 108416 108400 029003																																																																																						
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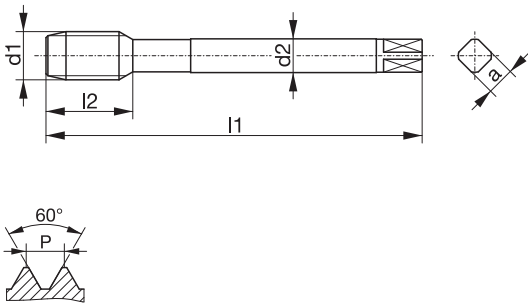




Typenbezeichnung / type / type / tipo / tipo			VARIANT 2 H	VARIANT 2 VA
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación			1.3-1.6 / 3.2-3.4 4.5 / 5.4	1.3-1.5 / 4.1 4.5 / 5.1-5.3 8.1
Ausführung / model / exécution / modello / modelo			TICN	
Werkstoff / tool material / substrat / materiale / material			HSSE	HSSE
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca			ISO2/6H	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango			h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada			B / 3,5-5,5	B / 3,5-5,5


Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 6	1	80	16	-	4,5	3,4	5	108552
M 8	1,25	90	18	-	6	4,9	6,8	108553
M 10	1,5	100	20	-	7	5,5	8,5	038342
M 12	1,75	110	24	-	9	7	10,2	108546 029878
M 14	2	110	25	-	11	9	12	108547
M 16	2	110	27	-	12	9	14	108548 029880
M 18	2,5	125	32	-	14	11	15,5	108549
M 20	2,5	140	32	-	16	12	17,5	108550 029882
M 22	2,5	140	32	-	18	14,5	19,5	003574
M 24	3	160	36	-	18	14,5	21	108551 372016
M 27	3	160	36	-	20	16	24	112141
M 30	3,5	180	40	-	22	18	26,5	372017
M 36	4	200	50	-	28	22	32	372026

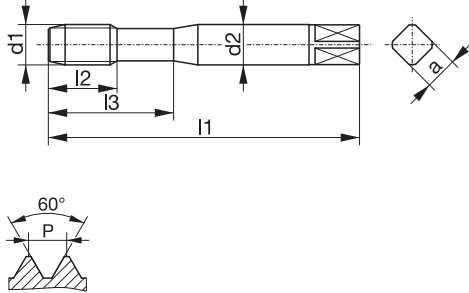











Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	VARIANT 1 VA	VARIANT 1 VA	VARIANT 1 VA
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.3-1.5 / 4.1 4.5 / 5.1-5.3 8.1	1.1-1.4 / 2.1-2.3 6.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1
<b>Ausführung / model / exécution / modello / modelo</b>		VAP	TIN	TIN
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca</b>	ISO3/6G	ISO2/6H	ISO2/6H	ISO3/6G
<b>Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5

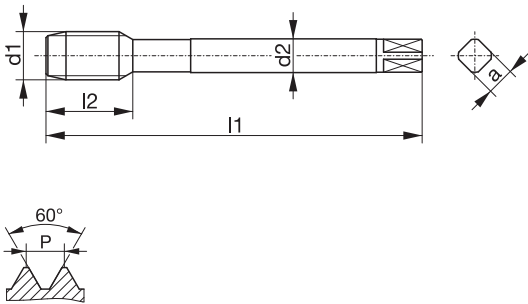








$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
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M 2,5	0,45	50	9	14	2,8	2,1	2,05	004358 004371
M 3	0,5	56	10	18	3,5	2,7	2,5	038345 004360 004370 004372
M 4	0,7	63	12	21	4,5	3,4	3,3	038346 004362 004369 004373
M 5	0,8	70	14	25	6	4,9	4,2	038347 004363 003420 004374
M 6	1	80	16	30	6	4,9	5	038348 004364 003421 004375
M 8	1,25	90	18	35	8	6,2	6,8	007348 004366 003422 004376
M 10	1,5	100	20	39	10	8	8,5	038349 004368 003423 004377


Typenbezeichnung / type / type / tipo / tipo		VARIANT 2 VA	VARIANT 2 VA	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación		1.1-1.4 / 2.1-2.3 6.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	
Ausführung / model / exécution / modello / modelo		VAP	TIN	
Werkstoff / tool material / substrat / materiale / material		HSSE	HSSE	
Gewindetoleranz / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca		ISO2/6H	ISO2/6H	
Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango		h9	h9	
Anschnitt / chamfer / entrée / imbocco / entrada		B / 3,5-5,5	B / 3,5-5,5	

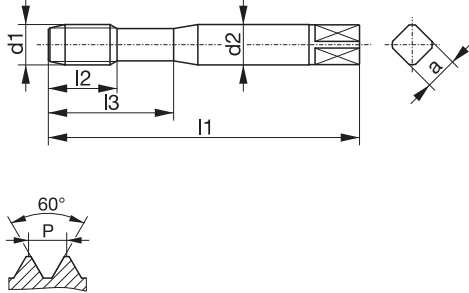



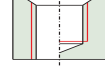
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M 12	1,75	110	24	-	9	7	10,2	004379 004383
M 14	2	110	25	-	11	9	12	007996
M 16	2	110	27	-	12	9	14	004380 004384
M 18	2,5	125	32	-	14	11	15,5	710350
M 20	2,5	140	32	-	16	12	17,5	004381 004385
M 24	3	160	36	-	18	14,5	21	008920 008921
M 27	3	160	36	-	20	16	24	033973 011373
M 30	3,5	180	40	-	22	18	26,5	031427 372021
M 36	4	200	50	-	28	22	32	025573 372024


Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	VARIANT 1 MHST	VARIANT 1 MHST	VARIANT 1 TIH
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.3 5.2-5.3	1.1-1.6 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.4 / 7.1-7.2 8.1	1.1-1.6 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.4 / 7.1-7.2 8.1	1.4-1.7 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1
<b>Ausführung / model / exécution / modello / modelo</b>	HL	HK TIN	KR HK TIN	TICN
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE-PM	HSSE-PM	HSSE-PM
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	6HX	6HX	6HX
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h6	h6	h6
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5

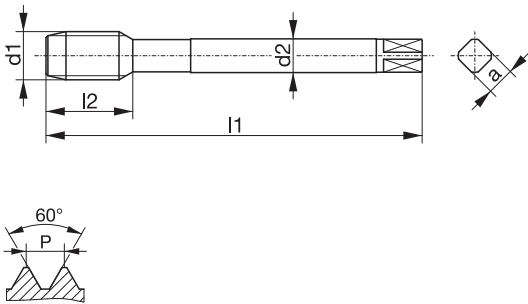

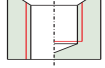
$\varnothing d_1$	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación			
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M 2,2	0,45	45	9	-	2,8	2,1	1,75		108838		
M 2,5	0,45	50	9	-	2,8	2,1	2,05		108839		
M 2,5	0,45	50	9	14	2,8	2,1	2,05	323059			
M 3	0,5	56	10	18	3,5	2,7	2,5	022977	107309		
M 3	0,5	56	11	-	3,5	2,7	2,5		108840		
M 3,5	0,6	56	11	20	4	3	2,9		107310		
M 3,5	0,6	56	12	-	4	3	2,9		108841		
M 4	0,7	63	12	21	4,5	3,4	3,3	020720	107311		
M 4	0,7	63	13	-	4,5	3,4	3,3		108842		
M 4,5	0,75	70	16	-	6	4,9	3,7		108843		
M 5	0,8	70	14	25	6	4,9	4,2	022978	107312		
M 5	0,8	70	16	-	6	4,9	4,2		108844		
M 6	1	80	16	30	6	4,9	5	022979	107313	107316	108845
M 8	1,25	90	18	35	8	6,2	6,8	022980	107314	107317	108846
M 10	1,5	100	20	39	10	8	8,5	022981	107308	107315	108836


Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 MHST	VARIANT 2 MHST	VARIANT 2 TIH
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.3 5.2-5.3	1.1-1.6 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.4 / 7.1-7.2 8.1	1.1-1.6 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.4 / 7.1-7.2 8.1	1.4-1.7 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1
Ausführung / model / exécution / modello / modelo	HL	HK TIN	KR HK TIN	TICN
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	6HX	6HX	6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5	B / 3,5-5,5

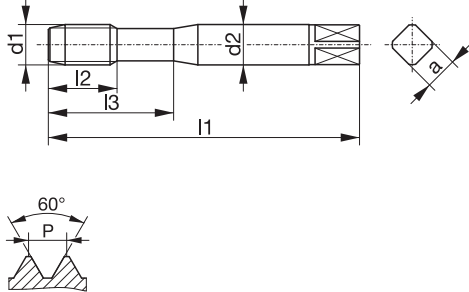











Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 10	1,5	100	20	-	7	5,5	8,5	024297
M 12	1,75	110	24	-	9	7	10,2	023819 107318 019348 108868
M 16	2	110	27	-	12	9	14	024313 107319 019349 108869
M 20	2,5	140	32	-	16	12	17,5	024649
M 24	3	160	36	-	18	14,5	21	031367
M 27	3	160	36	-	20	16	24	031368
M 30	3,5	180	40	-	22	18	26,5	031369
M 36	4	200	50	-	28	22	32	031371




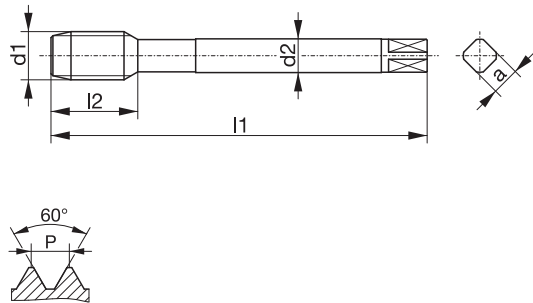
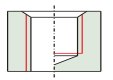
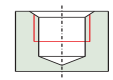
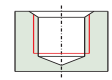

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 1 H</b>	<b>VARIO 1 SH</b>		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 2184-1 VARIO 1 H / DIN 2184-2 VARIO 1 SH</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4 8.2	1.8-1.9 / 4.7 9.1-9.3		
<b>Ausführung / model / exécution / modello / modelo</b>	KA TICN	TICN SR		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	VHM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	6HX		
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h6		
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3		

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
M 4	0,7	45	13	-	4,5	3,4	3,3	037121
M 5	0,8	50	16	-	6	4,9	4,2	037122
M 6	1	56	18	-	6	4,9	5	037123
M 6	1	80	16	30	6	4,9	5	111670
M 8	1,25	63	25	-	8	6,2	6,8	037124
M 8	1,25	90	18	35	8	6,2	6,8	111671
M 10	1,5	100	20	39	10	8	8,5	111669
M 10	1,5	70	30	-	10	8	8,5	037125

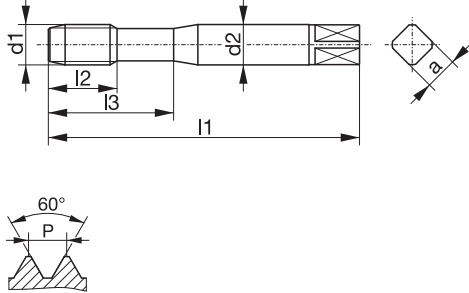








<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>		<p><b>VARIO 2 SH</b></p>		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 13  <b>DIN 2184-2</b></p> 				
<p><b>Bohrung / bore / type de trou / fori / tipos de agujeros</b></p>				
<p><b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b></p>		<p>1.8-1.9 / 4.7 9.1-9.3</p>		
<p><b>Ausführung / model / exécution / modello / modelo</b></p>		<p>TICN SR</p>		
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>		<p>VHM</p>		
<p><b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b></p>		<p>6HX</p>		
<p><b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b></p>		<p>h6</p>		
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>		<p>C / 2-3</p>		


$\varnothing d_1$	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación	
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M	16	2	80	27	-	12	9	14	037127

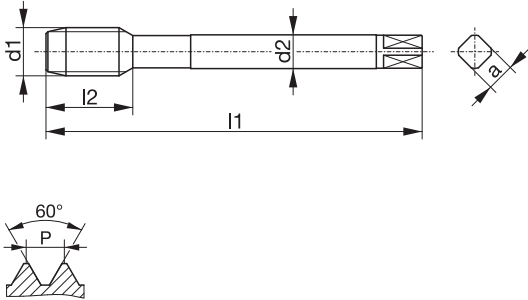






Typenbezeichnung / type / type / tipo / tipo	VARIO 1 GG	VARIO 1 GG	VARIO 1 GG	VARIO 1 GG																																																																										
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 																																																																														
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																														
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	3.1-3.4 / 5.4 8.2-8.3	3.1-3.4 / 5.4 8.2-8.3 / 9.4	3.1-3.4 / 5.4 8.2-8.3 / 9.1-9.2 9.4	3.1-3.4 / 5.4 8.2-8.3 / 9.4																																																																										
<b>Ausführung / model / exécution / modello / modelo</b>	TICN	KA TICN	KA TICN	KA TICN																																																																										
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE-PM	VHM	HSSE-PM																																																																										
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6HX	6HX	6HX	6HX																																																																										
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h6	h6	h6																																																																										
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2																																																																										
<table border="1"> <thead> <tr> <th>Ød<sub>1</sub></th> <th>P</th> <th>l<sub>1</sub></th> <th>l<sub>2</sub></th> <th>l<sub>3</sub></th> <th>Ød<sub>2</sub></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>103941</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>12</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>103942</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>14</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>103943</td> <td>002701</td> <td>004573</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>103944</td> <td>107323</td> <td>004574</td> <td>107327</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>103946</td> <td>107324</td> <td>004575</td> <td>107328</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>103939</td> <td>107321</td> <td>004576</td> <td>107326</td> </tr> </tbody> </table>	Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	M 3	0,5	56	10	18	3,5	2,7	2,5	103941	M 4	0,7	63	12	21	4,5	3,4	3,3	103942	M 5	0,8	70	14	25	6	4,9	4,2	103943	002701	004573	M 6	1	80	16	30	6	4,9	5	103944	107323	004574	107327	M 8	1,25	90	18	35	8	6,2	6,8	103946	107324	004575	107328	M 10	1,5	100	20	39	10	8	8,5	103939	107321	004576	107326				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación																																																																						
M 3	0,5	56	10	18	3,5	2,7	2,5	103941																																																																						
M 4	0,7	63	12	21	4,5	3,4	3,3	103942																																																																						
M 5	0,8	70	14	25	6	4,9	4,2	103943	002701	004573																																																																				
M 6	1	80	16	30	6	4,9	5	103944	107323	004574	107327																																																																			
M 8	1,25	90	18	35	8	6,2	6,8	103946	107324	004575	107328																																																																			
M 10	1,5	100	20	39	10	8	8,5	103939	107321	004576	107326																																																																			


Typenbezeichnung / type / type / tipo / tipo										VARIO 2 GG	VARIO 2 GG		VARIO 2 GG
<b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 376</b>													
													
Bohrung / bore / type de trou / fori / tipos de agujeros													
Einsatzgebiet / application / application adatto per lavorazione di / aplicación										3.1-3.4 / 5.4 8.2-8.3	3.1-3.4 / 5.4 8.2-8.3 / 9.4		3.1-3.4 / 5.4 8.2-8.3 / 9.4
Ausführung / model / exécution / modello / modelo										TICN	KA TICN		KA TICN
Werkstoff / tool material / substrat / materiale / material										HSSE	HSSE-PM		HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca										6HX	6HX		6HX
Schafftoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango										h9	h6		h6
Anschnitt / chamfer / entrée / imbocco / entrada										C / 2-3	C / 2-3		E / 1,5-2
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación					
M	12	1,75	110	24	-	9	7	10,2	105180	107336		107342	
M	14	2	110	25	-	11	9	12	105181	107337			
M	16	2	110	27	-	12	9	14	105182	107338		004723	
M	20	2,5	140	32	-	16	12	17,5	105184	107340			

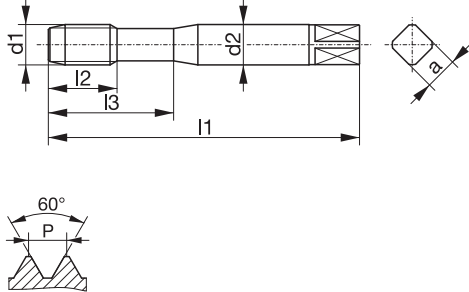



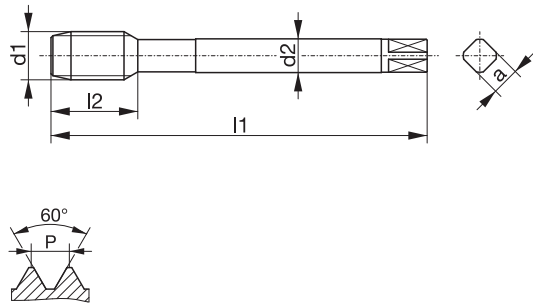
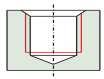
Typenbezeichnung / type / type / tipo / tipo	VARIO 1 MS	AVANT 1 H15	AVANT 1 H15	AVANT 1 H15
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	4.2 / 4.4 8.2-8.3	1.4-1.5 / 4.1-4.6	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4
<b>Ausführung / model / exécution / modello / modelo</b>			TICN	KA TICN
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6HX	ISO2/6H	ISO2/6H	ISO2/6H
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	C / 2-3


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	56	10	18	3,5	2,7	2,5	103462 107393 107424
M 3,5	0,6	56	11	20	4	3	2,9	103463
M 4	0,7	63	12	21	4,5	3,4	3,3	103464 107394 107425
M 5	0,8	70	14	25	6	4,9	4,2	103470 107405 107426
M 6	1	80	16	30	6	4,9	5	103471 107406 107427 111685
M 8	1,25	90	18	35	8	6,2	6,8	103478 107412 107428 111686
M 10	1,5	100	20	39	10	8	8,5	107387 107423 111684

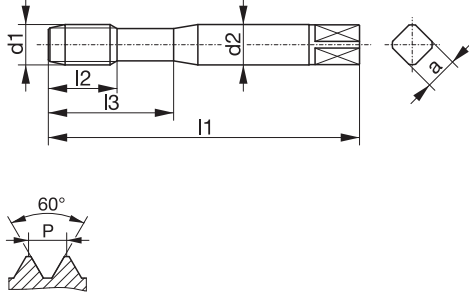











Typenbezeichnung / type / type / tipo / tipo		AVANT 2 H15	AVANT 2 H15	AVANT 2 H15
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación		1.4-1.5 / 4.1-4.6	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4
Ausführung / model / exécution / modello / modelo			TICN	KA TICN
Werkstoff / tool material / substrat / materiale / material		HSSE	HSSE	HSSE
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca		ISO2/6H	ISO2/6H	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango		h9	h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada		C / 2-3	C / 2-3	C / 2-3

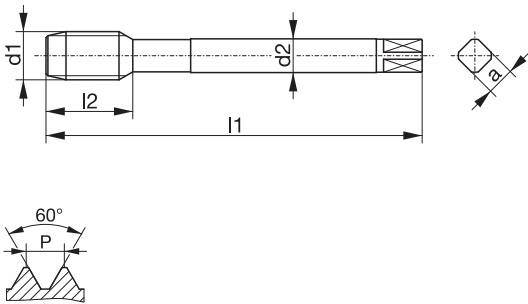






Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 12	1,75	110	24	-	9	7	10,2	107801 107861 111714
M 14	2	110	25	-	11	9	12	107803 107862
M 16	2	110	27	-	12	9	14	107807 107863 111715
M 18	2,5	125	32	-	14	11	15,5	107809 018738
M 20	2,5	140	32	-	16	12	17,5	107811 002362 004475
M 24	3	160	36	-	18	14,5	21	107813 107864 021155


Typenbezeichnung / type / type / tipo / tipo	AVANT 1 H15	AVANT 1 H15	AVANT 1 H15	AVANT 1 H25																																																																																																												
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 																																																																																																																
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																																																																
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.2-1.6 / 2.1-2.3 4.2-4.3 / 5.1-5.3																																																																																																												
<b>Ausführung / model / exécution / modello / modelo</b>	TICN	TICN	TICN	HL																																																																																																												
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE																																																																																																												
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO3/6G	ISO3/6G	6HX																																																																																																												
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9																																																																																																												
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	E / 1,5-2	C / 2-3	E / 1,5-2	E / 1,5-2																																																																																																												
<table border="1"> <thead> <tr> <th>Ød<sub>1</sub></th> <th>P</th> <th>l<sub>1</sub></th> <th>l<sub>2</sub></th> <th>l<sub>3</sub></th> <th>Ød<sub>2</sub></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>024303 004432 007372</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>12</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>004439 004433 004470</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>038067</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>14</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>004440 004435 004471</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>038065</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>035797</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>107419 004436 004472</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>035798</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>107420 004437 004473</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>15</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>035799</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>004441 004438 004474</td> </tr> </tbody> </table>	Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	M 3	0,5	56	10	18	3,5	2,7	2,5	024303 004432 007372	M 4	0,7	63	12	21	4,5	3,4	3,3	004439 004433 004470	M 4	0,7	63	8	21	4,5	3,4	3,3	038067	M 5	0,8	70	14	25	6	4,9	4,2	004440 004435 004471	M 5	0,8	70	9	25	6	4,9	4,2	038065	M 6	1	80	10	30	6	4,9	5	035797	M 6	1	80	16	30	6	4,9	5	107419 004436 004472	M 8	1,25	90	13	35	8	6,2	6,8	035798	M 8	1,25	90	18	35	8	6,2	6,8	107420 004437 004473	M 10	1,5	100	15	39	10	8	8,5	035799	M 10	1,5	100	20	39	10	8	8,5	004441 004438 004474				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación																																																																																																								
M 3	0,5	56	10	18	3,5	2,7	2,5	024303 004432 007372																																																																																																								
M 4	0,7	63	12	21	4,5	3,4	3,3	004439 004433 004470																																																																																																								
M 4	0,7	63	8	21	4,5	3,4	3,3	038067																																																																																																								
M 5	0,8	70	14	25	6	4,9	4,2	004440 004435 004471																																																																																																								
M 5	0,8	70	9	25	6	4,9	4,2	038065																																																																																																								
M 6	1	80	10	30	6	4,9	5	035797																																																																																																								
M 6	1	80	16	30	6	4,9	5	107419 004436 004472																																																																																																								
M 8	1,25	90	13	35	8	6,2	6,8	035798																																																																																																								
M 8	1,25	90	18	35	8	6,2	6,8	107420 004437 004473																																																																																																								
M 10	1,5	100	15	39	10	8	8,5	035799																																																																																																								
M 10	1,5	100	20	39	10	8	8,5	004441 004438 004474																																																																																																								

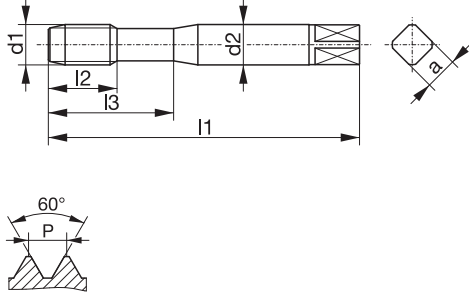









<b>Typenbezeichnung / type / type / tipo / tipo</b>				<b>AVANT 2 H25</b>
<b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 376</b>				
				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>				1.2-1.6 / 2.1-2.3 4.2-4.3 / 5.1-5.3
<b>Ausführung / model / exécution / modello / modelo</b>				HL
<b>Werkstoff / tool material / substrat / materiale / material</b>				HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>				6HX
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>				h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>				E / 1,5-2

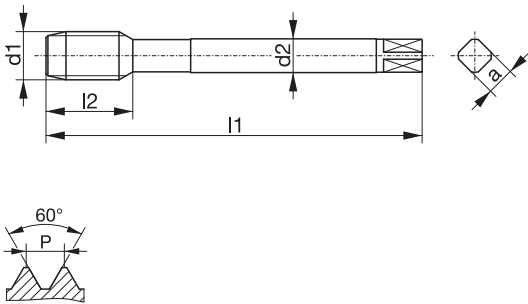




$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
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M 14	2	110	20	-	11	9	12	035801
M 16	2	110	20	-	12	9	14	035802


Typenbezeichnung / type / type / tipo / tipo	AVANT 1 H25	AVANT 1 GAL15	AVANT 1 GAL15	AVANT 1 TIH13																																																																																																												
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 																																																																																																																
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																																																																
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.6 / 2.1-2.3 4.2-4.3 / 5.1-5.3	1.4-1.6 / 3.2-3.4 4.3-4.6 / 5.2-5.4	1.4-1.6 / 3.2-3.4 4.4 / 4.6 5.2-5.4 / 8.3	1.5-1.6 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1																																																																																																												
<b>Ausführung / model / exécution / modello / modelo</b>	HL	KA TICN	KA TICN	TICN																																																																																																												
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE-PM	VHM	HSSE-PM																																																																																																												
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6GX	6HX	6HX	6HX																																																																																																												
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h6	h6	h6																																																																																																												
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	E / 1,5-2	E / 1,5-2	E / 1,5-2	C / 2-3																																																																																																												
<table border="1"> <thead> <tr> <th>Ød<sub>1</sub></th> <th>P</th> <th>l<sub>1</sub></th> <th>l<sub>2</sub></th> <th>l<sub>3</sub></th> <th>Ød<sub>2</sub></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>11</td> <td>-</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>108755</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>13</td> <td>-</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>108756</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>038191</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>16</td> <td>-</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>108757</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>038192      036973</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>038193      035274      037093</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>108758</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>038194      034631      037095</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>108759</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>15</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>038196      036974      037082</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>108754</td> </tr> </tbody> </table>	Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	M 3	0,5	56	11	-	3,5	2,7	2,5	108755	M 4	0,7	63	13	-	4,5	3,4	3,3	108756	M 4	0,7	63	8	21	4,5	3,4	3,3	038191	M 5	0,8	70	16	-	6	4,9	4,2	108757	M 5	0,8	70	9	25	6	4,9	4,2	038192      036973	M 6	1	80	10	30	6	4,9	5	038193      035274      037093	M 6	1	80	16	30	6	4,9	5	108758	M 8	1,25	90	13	35	8	6,2	6,8	038194      034631      037095	M 8	1,25	90	18	35	8	6,2	6,8	108759	M 10	1,5	100	15	39	10	8	8,5	038196      036974      037082	M 10	1,5	100	20	39	10	8	8,5	108754				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación																																																																																																								
M 3	0,5	56	11	-	3,5	2,7	2,5	108755																																																																																																								
M 4	0,7	63	13	-	4,5	3,4	3,3	108756																																																																																																								
M 4	0,7	63	8	21	4,5	3,4	3,3	038191																																																																																																								
M 5	0,8	70	16	-	6	4,9	4,2	108757																																																																																																								
M 5	0,8	70	9	25	6	4,9	4,2	038192      036973																																																																																																								
M 6	1	80	10	30	6	4,9	5	038193      035274      037093																																																																																																								
M 6	1	80	16	30	6	4,9	5	108758																																																																																																								
M 8	1,25	90	13	35	8	6,2	6,8	038194      034631      037095																																																																																																								
M 8	1,25	90	18	35	8	6,2	6,8	108759																																																																																																								
M 10	1,5	100	15	39	10	8	8,5	038196      036974      037082																																																																																																								
M 10	1,5	100	20	39	10	8	8,5	108754																																																																																																								

Typenbezeichnung / type / type / tipo / tipo		AVANT 2 GAL15	AVANT 2 GAL15	AVANT 2 TIH13
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación		1.4-1.6 / 3.2-3.4 4.3-4.6 / 5.2-5.4	1.4-1.6 / 3.2-3.4 4.4 / 4.6 5.2-5.4 / 8.3	1.5-1.6 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1
Ausführung / model / exécution / modello / modelo		KA TICN	KA TICN	TICN
Werkstoff / tool material / substrat / materiale / material		HSSE-PM	VHM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca		6HX	6HX	6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango		h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada		E / 1,5-2	E / 1,5-2	C / 2-3

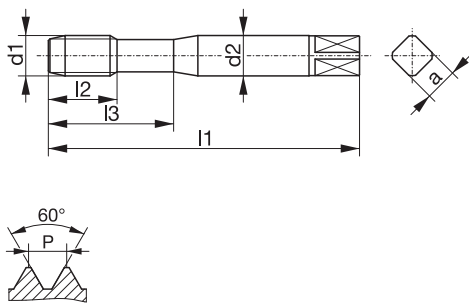


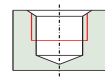
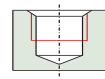
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M	12	1,75	110	24	-	9	7	037096
M	16	2	110	27	-	12	9	108793
								108794


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 N38	DOMINANT 1 N38	DOMINANT 1 N38																																																																
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 																																																																			
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																																			
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.3 / 4.3 5.1-5.3 / 8.1	1.1-1.3 / 4.3 5.2-5.3 / 8.1	1.2-1.3 / 4.3 5.1-5.3 / 8.1																																																																
<b>Ausführung / model / exécution / modello / modelo</b>		TIN	LH																																																																
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE																																																																
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H	ISO2/6H																																																																
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9																																																																
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3																																																																
<table border="1"> <thead> <tr> <th>Ød<sub>1</sub></th> <th>P</th> <th>l<sub>1</sub></th> <th>l<sub>2</sub></th> <th>l<sub>3</sub></th> <th>Ød<sub>2</sub></th> <th>a</th> <th></th> <th>Identnummer / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>M 3</td> <td>0,5</td> <td>56</td> <td>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>103622 103732 103718</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,3</td> <td>103627 103734 103719</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,2</td> <td>103651 103735 103720</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5</td> <td>103655 103736 103721</td> </tr> <tr> <td>M 8</td> <td>1,25</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,8</td> <td>103698 103738 103724</td> </tr> <tr> <td>M 10</td> <td>1,5</td> <td>100</td> <td>15</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>103587 103727 103716</td> </tr> </tbody> </table>	Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	M 3	0,5	56	7	18	3,5	2,7	2,5	103622 103732 103718	M 4	0,7	63	8	21	4,5	3,4	3,3	103627 103734 103719	M 5	0,8	70	9	25	6	4,9	4,2	103651 103735 103720	M 6	1	80	10	30	6	4,9	5	103655 103736 103721	M 8	1,25	90	13	35	8	6,2	6,8	103698 103738 103724	M 10	1,5	100	15	39	10	8	8,5	103587 103727 103716				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación																																																											
M 3	0,5	56	7	18	3,5	2,7	2,5	103622 103732 103718																																																											
M 4	0,7	63	8	21	4,5	3,4	3,3	103627 103734 103719																																																											
M 5	0,8	70	9	25	6	4,9	4,2	103651 103735 103720																																																											
M 6	1	80	10	30	6	4,9	5	103655 103736 103721																																																											
M 8	1,25	90	13	35	8	6,2	6,8	103698 103738 103724																																																											
M 10	1,5	100	15	39	10	8	8,5	103587 103727 103716																																																											

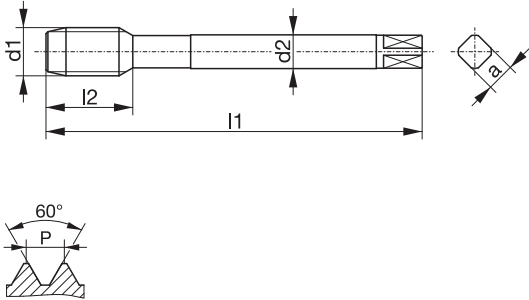




Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 N38	DOMINANT 2 N38		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 4.3 5.1-5.3 / 8.1	1.1-1.3 / 4.3 5.2-5.3 / 8.1		
Ausführung / model / exécution / modello / modelo		TIN		
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H		
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		


Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación	
M 12	1,75	110	18	-	9	7	10,2	104755	104852
M 16	2	110	20	-	12	9	14	104765	104855
M 20	2,5	140	25	-	16	12	17,5	104773	104859

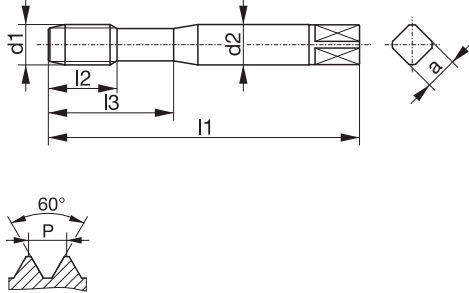









Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 HZ38	DOMINANT 1 HZ38		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.4 / 2.1-2.2 4.5		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H		
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9		
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3		

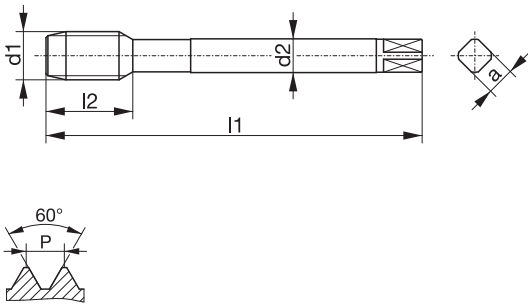



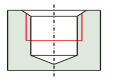
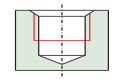
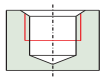
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M 2,5	0,45	50	5	14	2,8	2,1	2,05	111231	110333
M 3	0,5	56	7	18	3,5	2,7	2,5	111233	006839
M 4	0,7	63	8	21	4,5	3,4	3,3	111235	005768
M 5	0,8	70	9	25	6	4,9	4,2	111245	004923
M 6	1	80	10	30	6	4,9	5	111247	111288
M 8	1,25	90	13	35	8	6,2	6,8	111262	004922
M 10	1,5	100	15	39	10	8	8,5	111221	111287


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 HZ38		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.4 / 2.1-2.2 4.5		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H		
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9		
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3		

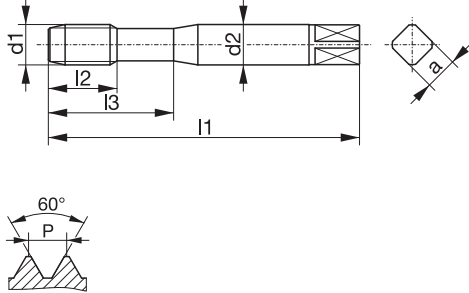








Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 10	1,5	100	15	-	7	5,5	8,5	111357
M 12	1,75	110	18	-	9	7	10,2	111359 111413
M 14	2	110	20	-	11	9	12	111363 006840
M 16	2	110	20	-	12	9	14	111365 111414
M 18	2,5	125	25	-	14	11	15,5	111368 005769
M 20	2,5	140	25	-	16	12	17,5	111371 005770
M 22	2,5	140	25	-	18	14,5	19,5	111374 111415
M 24	3	160	30	-	18	14,5	21	111376 005771
M 27	3	160	30	-	20	16	24	111379 111416
M 30	3,5	180	35	-	22	18	26,5	111380 111417
M 33	3,5	180	35	-	25	20	29,5	111381 111418
M 36	4	200	40	-	28	22	32	111382 006332
M 39	4	200	40	-	32	24	35	019602 018496
M 42	4,5	200	40	-	32	24	37,5	019107 034745
M 45	4,5	220	45	-	36	29	40,5	019604 038695
M 48	5	250	50	-	36	29	43	019605 018498
M 52	5	250	55	-	40	32	47	019606 033212
M 56	5,5	250	55	-	40	32	50,5	007163 038712


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 HZ38	DOMINANT 1 HZ38	DOMINANT 1 HZ38	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.5 / 4.1 4.3 / 4.5	1.4-1.6 / 3.2-3.4 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4	
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	TICN	HL	
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H	ISO2/6H	
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	

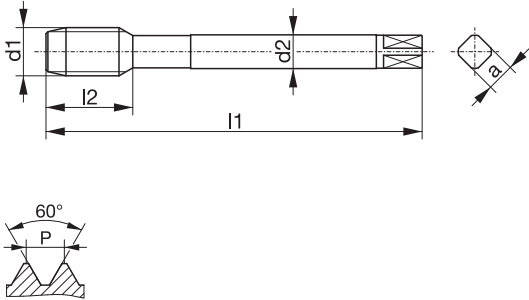






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M 2	0,4	45	9	-	2,8	2,1	1,6	111277 022329
M 2,5	0,45	50	5	14	2,8	2,1	2,05	111257 018419
M 3	0,5	56	7	18	3,5	2,7	2,5	111279 037175 044886
M 4	0,7	63	8	21	4,5	3,4	3,3	111280 037176 774006
M 5	0,8	70	9	25	6	4,9	4,2	111281 037178 015172
M 6	1	80	10	30	6	4,9	5	111282 037181 044887
M 8	1,25	90	13	35	8	6,2	6,8	111285 111273 036159
M 10	1,5	100	15	39	10	8	8,5	111274 111269 044888


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 HZ38	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.2-1.5 / 4.1 4.3 / 4.5	1.4-1.6 / 3.2-3.4 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4	
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	TICN	HL	
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO2/6H	ISO2/6H	
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	

Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 10	1,5	100	15	-	7	5,5	8,5	004476 048898
M 12	1,75	110	18	-	9	7	10,2	111399 037182 036157
M 14	2	110	20	-	11	9	12	111401 044889
M 16	2	110	20	-	12	9	14	111402 004910 042207
M 18	2,5	125	25	-	14	11	15,5	111405 044890
M 20	2,5	140	25	-	16	12	17,5	111406 037184 044560
M 22	2,5	140	25	-	18	14,5	19,5	111408 109365
M 24	3	160	30	-	18	14,5	21	002040 002327 034555

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.1-1.5 / 2.1-2.2 6.1
<b>Ausführung / model / exécution / modello / modelo</b>				VAP
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO3/6G	7G	ISO2/6H
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	C / 2-3

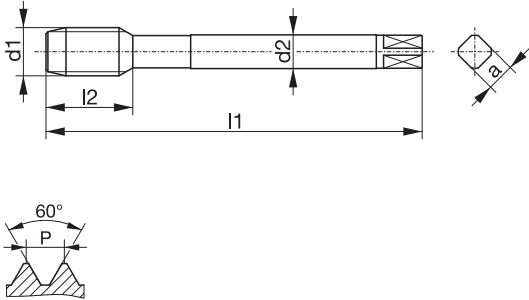




$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>			
M 2	0,4	45	9	-	2,8	2,1	1,6	038343	038351		
M 2,5	0,45	50	9	14	2,8	2,1	2,05	038344	038350	038363	
M 3	0,5	56	7	18	3,5	2,7	2,5	024650	024682	024867	013741
M 3,5	0,6	56	7	20	4	3	2,9	033230			
M 4	0,7	63	8	21	4,5	3,4	3,3	019921	024683	024868	013748
M 5	0,8	70	9	25	6	4,9	4,2	019922	024685	024869	013750
M 6	1	80	10	30	6	4,9	5	019923	024686	024870	013751
M 7	1	80	10	30	7	5,5	6	108999			
M 8	1,25	90	13	35	8	6,2	6,8	024651	024687	024871	013753
M 10	1,5	100	15	39	10	8	8,5	024652	024688	024872	013755


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 VA45	DOMINANT 2 VA45		DOMINANT 2 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1		1.1-1.5 / 2.1-2.2 6.1
Ausführung / model / exécution / modello / modelo				VAP
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE		HSSE
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO3/6G		ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		h9
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		C / 2-3

Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 5	0,8	70	9	-	3,5	2,7	4,2	024653
M 6	1	80	10	-	4,5	3,4	5	024654
M 8	1,25	90	13	-	6	4,9	6,8	024655
M 10	1,5	100	15	-	7	5,5	8,5	024656
M 12	1,75	110	18	-	9	7	10,2	024657 024700 013778
M 14	2	110	20	-	11	9	12	024658 013779
M 16	2	110	20	-	12	9	14	024659 024702 013780
M 18	2,5	125	25	-	14	11	15,5	024660
M 20	2,5	140	25	-	16	12	17,5	024661 020523
M 22	2,5	140	25	-	18	14,5	19,5	024662
M 24	3	160	30	-	18	14,5	21	024663 028849
M 27	3	160	30	-	20	16	24	024664
M 30	3,5	180	35	-	22	18	26,5	024666
M 33	3,5	180	35	-	25	20	29,5	024667
M 36	4	200	40	-	28	22	32	024668

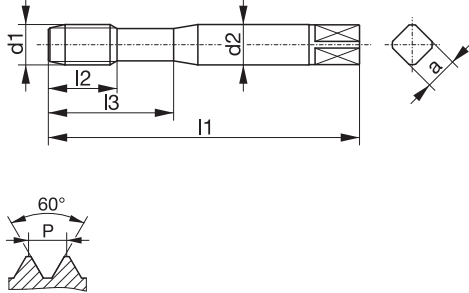








Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	TIN	TIN	TIN
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO3/6G	ISO3/6G	7G
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	E / 1,5-2	C / 2-3


Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	56	7	18	3,5	2,7	2,5	013744 024689 035906 024873
M 4	0,7	63	8	21	4,5	3,4	3,3	013767 024690 024695 024874
M 5	0,8	70	9	25	6	4,9	4,2	013768 024691 024696 024875
M 6	1	80	10	30	6	4,9	5	010964 024692 024697 024876
M 8	1,25	90	13	35	8	6,2	6,8	013770 024693 024698 024877
M 10	1,5	100	15	39	10	8	8,5	013771 024694 024699 024878

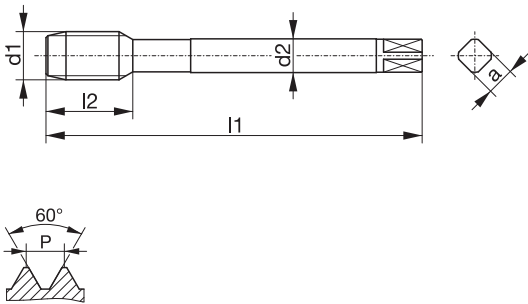






Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 VA45	DOMINANT 2 VA45		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1		
Ausführung / model / exécution / modello / modelo	TIN	TIN		
Werkstoff / tool material / substrat / materiale / material	HSSE	HSSE		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO3/6G		
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		


Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 8	1,25	90	13	-	6	4,9	6,8	025078
M 10	1,5	100	15	-	7	5,5	8,5	025079
M 12	1,75	110	18	-	9	7	10,2	013781 024704
M 16	2	110	20	-	12	9	14	013787 024706
M 20	2,5	140	25	-	16	12	17,5	019067
M 24	3	160	30	-	18	14,5	21	017495

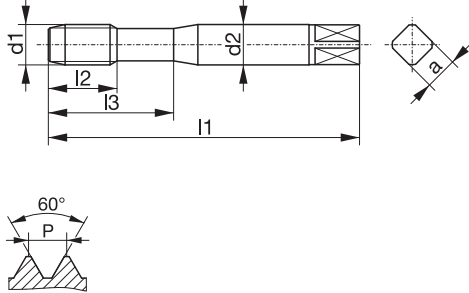











Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1 8.1	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 4.1 4.3 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	HL	KA HL	HL
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6H+0,1	ISO2/6H	ISO2/6H	ISO2/6H
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2

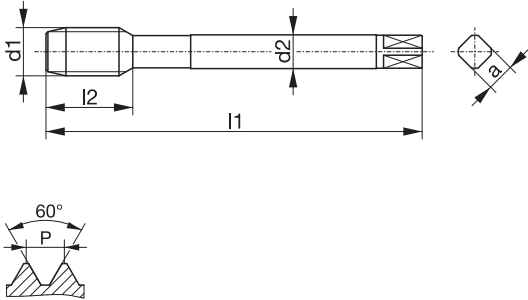


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación			
M 3	0,5	56	7	18	3,5	2,7	2,5	024879	013746		024673
M 4	0,7	63	8	21	4,5	3,4	3,3	024880	013756		024674
M 5	0,8	70	9	25	6	4,9	4,2	024881	013758	024670	024675
M 6	1	80	10	30	6	4,9	5	024882	013764	016409	024676
M 8	1,25	90	13	35	8	6,2	6,8	024883	013765	017414	023066
M 10	1,5	100	15	39	10	8	8,5	024884	013766	024671	024194


Typenbezeichnung / type / type / tipo / tipo		DOMINANT 2 VA45	DOMINANT 2 VA45	DOMINANT 2 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación		1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 4.1 4.3 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2
Ausführung / model / exécution / modello / modelo		HL	KA HL	HL
Werkstoff / tool material / substrat / materiale / material		HSSE	HSSE	HSSE
Gewindetoleranz / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca		ISO2/6H	ISO2/6H	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango		h9	h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada		C / 2-3	C / 2-3	E / 1,5-2

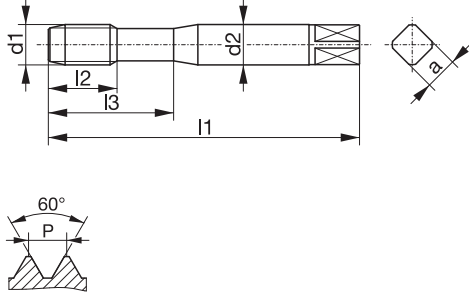








Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
M 12	1,75	110	18	-	9	7	10,2	013782 017415 024677
M 14	2	110	20	-	11	9	12	013785
M 16	2	110	20	-	12	9	14	013788 014597 107474
M 18	2,5	125	25	-	14	11	15,5	019460
M 20	2,5	140	25	-	16	12	17,5	019068 024334 126054
M 22	2,5	140	25	-	18	14,5	19,5	031363
M 24	3	160	30	-	18	14,5	21	019461


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2
<b>Ausführung / model / exécution / modello / modelo</b>	HL	HL	HL	HL
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE	HSSE	HSSE	HSSE
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO3/6G	ISO3/6G	7G	6H+0,1
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9	h9	h9	h9
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	E / 1,5-2	C / 2-3	C / 2-3

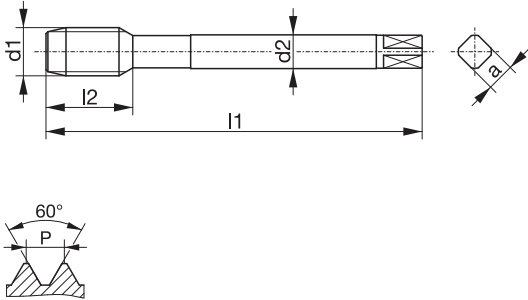




$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	56	7	18	3,5	2,7	2,5	036080 025080 112427 036282
M 4	0,7	63	8	21	4,5	3,4	3,3	112439 038373 112428 036283
M 5	0,8	70	9	25	6	4,9	4,2	112441 038374 112429 036284
M 6	1	80	10	30	6	4,9	5	112438 034513 112430 033185
M 8	1,25	90	13	35	8	6,2	6,8	015456 038375 031904 033186
M 10	1,5	100	15	39	10	8	8,5	015457 038376 034567 033187


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 2 VA45</b>			
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 3.1 / 3.3-3.4 5.1-5.3 / 7.1-7.2			
<b>Ausführung / model / exécution / modello / modelo</b>	HL			
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE			
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca</b>	ISO3/6G			
<b>Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3			

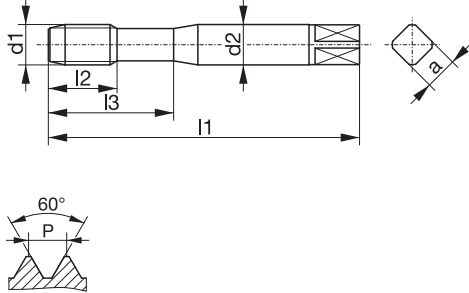


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 12	1,75	110	18	-	9	7	10,2	027471
M 16	2	110	20	-	12	9	14	112451


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 MHST45	DOMINANT 1 MHST45	DOMINANT 1 MHST45	DOMINANT 1 MHST45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1	1.1-1.7 / 2.1-2.3 3.2-3.4 / 5.1-5.3 7.1-7.2	1.1-1.7 / 2.1-2.3 3.1-3.4 / 4.1 4.3 / 5.1-5.3 7.1-7.2
<b>Ausführung / model / exécution / modello / modelo</b>	HK TIN	HK TIN	HK HL	KA HK HL
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6HX	6HX	6HX	6HX
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h6	h6	h6	h6
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	E / 1,5-2	C / 2-3	C / 2-3

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	56	7	18	3,5	2,7	2,5	107276 107287 036347
M 4	0,7	63	8	21	4,5	3,4	3,3	107277 107288 034383
M 5	0,8	70	9	25	6	4,9	4,2	107278 107289 036348 036364
M 6	1	80	10	30	6	4,9	5	107279 107290 036349 036361
M 8	1,25	90	13	35	8	6,2	6,8	107281 107291 036350 030591
M 10	1,5	100	15	39	10	8	8,5	107271 107286 036351 036362

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 MHST45	DOMINANT 2 MHST45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p> 		
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>		
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.6 / 2.1-2.3 4.1 / 4.3 / 4.5 5.1-5.3 / 7.1	1.1-1.7 / 2.1-2.3 3.2-3.4 / 5.1-5.3 7.1-7.2
<b>Ausführung / model / exécution / modello / modelo</b>	HK TIN	HK HL
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca</b>	6HX	6HX
<b>Schafttoleranz / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango</b>	h6	h6
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 12	1,75	110	18	-	9	7	10,2	107299 036352
M 16	2	110	20	-	12	9	14	036353

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 1 MHST45</b>			
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.1-1.7 / 2.1-2.3 3.2-3.4 / 5.1-5.3 7.1-7.2			
<b>Ausführung / model / exécution / modello / modelo</b>	HK HL			
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM			
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	6HX			
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h6			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	E / 1,5-2			

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	56	7	18	3,5	2,7	2,5	036354
M 4	0,7	63	8	21	4,5	3,4	3,3	036355
M 5	0,8	70	9	25	6	4,9	4,2	036363
M 6	1	80	10	30	6	4,9	5	036356
M 8	1,25	90	13	35	8	6,2	6,8	036357
M 10	1,5	100	15	39	10	8	8,5	036358