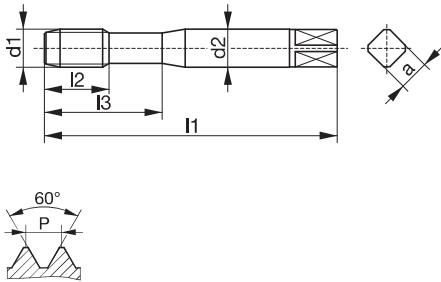





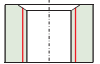
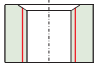




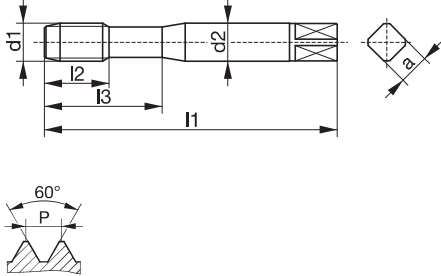













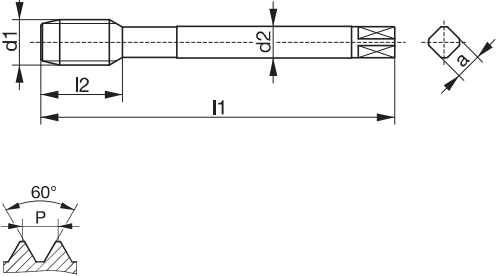


Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 N	VARIANT 1 N	VARIANT 1 N	VARIANT 1 H																																																																																	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 																																																																																					
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																					
<b>Einsatzgebiet</b> / 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	1.2-1.3 / 5.1-5.2 8.1	1.3-1.5 / 4.1 4.5																																																																																	
<b>Ausführung</b> / model / exécution / modello / modelo		TIN	LH																																																																																		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																	
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H	ISO1/4H																																																																																	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																	
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																																	
<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 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    105449    105436</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    105451    105438</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    105452    105439</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    105453    105441</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    105456    105442</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    105446    105434</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 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    105449    105436	M 4	0,7	63	12	21	4,5	3,4	3,3	105347    105451    105438	M 5	0,8	70	14	25	6	4,9	4,2	105365    105452    105439	M 6	1	80	16	30	6	4,9	5	105369    105453    105441	M 8	1,25	90	18	35	8	6,2	6,8	105411    105456    105442	M 10	1,5	100	20	39	10	8	8,5	105320    105446    105434				
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 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    105449    105436																																																																													
M 4	0,7	63	12	21	4,5	3,4	3,3	105347    105451    105438																																																																													
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M 8	1,25	90	18	35	8	6,2	6,8	105411    105456    105442																																																																													
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<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIANT 2 N</b>	<b>VARIANT 2 N</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>1.2-1.3 / 5.1-5.2 8.1</b>	<b>1.1-1.3 / 4.3 5.2-5.3 / 7.1 8.1</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		TIN		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<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>	B / 3-5,5	B / 3-5,5		

$\varnothing d_1$	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 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																																																																																																																																																																																							
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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</b> / model / exécution / modello / modelo				VAP																																																																																																																																																																																							
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																																							
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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																																																																																																																																																																																			
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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																																																																																																																																																																																		
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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	2,15	108316																																																																																																																																																																																		
M	3	0,5	56	10	18	3,5	2,7	2,5	108324	108356	033607																																																																																																																																																																																
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	108358	038361																																																																																																																																																																																
M	5	0,8	70	14	25	6	4,9	4,2	108347	108359	108376																																																																																																																																																																																
M	6	1	80	16	30	6	4,9	5	108349	108360	038362																																																																																																																																																																																
M	8	1,25	90	18	35	8	6,2	6,8	108380	108361	108377																																																																																																																																																																																
M	10	1,5	100	20	39	10	8	8,5	108305	108352	108373																																																																																																																																																																																

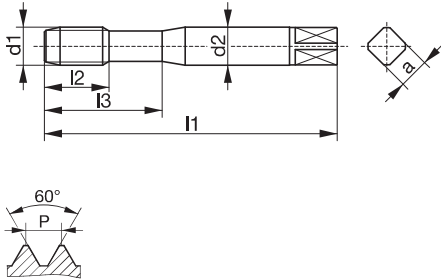









<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIANT 2 H</b>			
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 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-PM			
<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			

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
M 6	1	80	16	-	4,5	3,4	5	108538
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</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																																																																	
<b>Einsatzgebiet</b> / 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	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</b> / model / exécution / modello / modelo	VAP	TIN	TIN	TIN																																																																																																																																																																																													
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																																													
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO1/4H	ISO2/6H	ISO3/6G																																																																																																																																																																																													
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																																																																													
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																																																																																																																																													
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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	1,2	0,25	40	5,5	-	2,5	2,1	0,95	008819																																																																																																																																																																																								
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	2,15	004336	014604																																																																																																																																																																																							
M	3	0,5	56	10	18	3,5	2,7	2,5	110256	108408	108367																																																																																																																																																																																						
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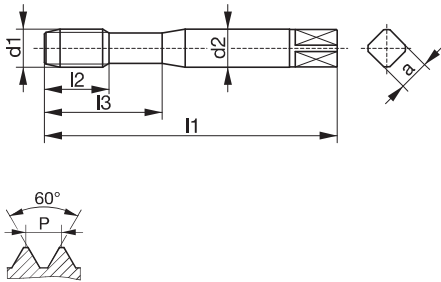











<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIANT 2 H</b>		<b>VARIANT 2 H</b>	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca 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>1.3-1.4 / 2.1-2.3</b>		<b>1.3-1.5 / 2.1-2.3 3.2-3.3 / 4.1 4.3 / 4.5</b>	
<b>Ausführung / model / exécution / modello / modelo</b>	VAP		TIN	
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM		HSSE-PM	
<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>	B / 3-5,5		B / 3-5,5	

$\varnothing d_1$	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 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 009370
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																																																																									
<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</b> / application / application adatto per lavorazione di / aplicación	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																																																																									
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	TIN	TICN																																																																									
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																									
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	7G	6H+0,1	ISO2/6H																																																																									
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9																																																																									
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																									
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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	004297 108395																																																																				
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																																																																				
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M 6	1	80	16	30	6	4,9	5	004346 004354 108399																																																																				
M 8	1,25	90	18	35	8	6,2	6,8	108379 108416 108400																																																																				
M 10	1,5	100	20	39	10	8	8,5	004347 003298 108391																																																																				

<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>1.3-1.6 / 3.2-3.4 4.5 / 5.4</b>	
<b>Ausführung / model / exécution / modello / modelo</b>			TICN	
<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>			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	

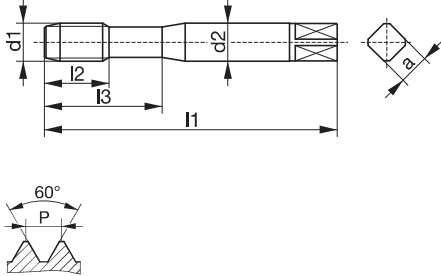









$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
M 6	1	80	16	-	4,5	3,4	5	108552
M 8	1,25	90	18	-	6	4,9	6,8	108553
M 12	1,75	110	24	-	9	7	10,2	108546
M 14	2	110	25	-	11	9	12	108547
M 16	2	110	27	-	12	9	14	108548
M 18	2,5	125	32	-	14	11	15,5	108549
M 20	2,5	140	32	-	16	12	17,5	108550
M 22	2,5	140	32	-	18	14,5	19,5	003574
M 24	3	160	36	-	18	14,5	21	108551

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</b> / bore / type de trou / fori / tipos de agujeros																																																																																														
<b>Einsatzgebiet</b> / 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	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 / 4.1-4.3 5.2-5.3																																																																																										
<b>Ausführung</b> / model / exécution / modello / modelo	VAP	TIN	TIN	HL																																																																																										
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																										
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO3/6G	ISO2/6H																																																																																										
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																										
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																																										
<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>004355 005402 027258</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>004358 004371 323059</td> </tr> <tr> <td>M 2,6</td> <td>0,45</td> <td>50</td> <td>9</td> <td>14</td> <td>2,8</td> <td>2,1</td> <td>2,15</td> <td>022688 013891</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>004360 004370 004372 022977</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>004362 004369 004373 020720</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>004363 003420 004374 022978</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>004364 003421 004375 022979</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>004366 003422 004376 022980</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>004368 003423 004377 022981</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	004355 005402 027258	M 2,5	0,45	50	9	14	2,8	2,1	2,05	004358 004371 323059	M 2,6	0,45	50	9	14	2,8	2,1	2,15	022688 013891	M 3	0,5	56	10	18	3,5	2,7	2,5	004360 004370 004372 022977	M 4	0,7	63	12	21	4,5	3,4	3,3	004362 004369 004373 020720	M 5	0,8	70	14	25	6	4,9	4,2	004363 003420 004374 022978	M 6	1	80	16	30	6	4,9	5	004364 003421 004375 022979	M 8	1,25	90	18	35	8	6,2	6,8	004366 003422 004376 022980	M 10	1,5	100	20	39	10	8	8,5	004368 003423 004377 022981				
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	004355 005402 027258																																																																																						
M 2,5	0,45	50	9	14	2,8	2,1	2,05	004358 004371 323059																																																																																						
M 2,6	0,45	50	9	14	2,8	2,1	2,15	022688 013891																																																																																						
M 3	0,5	56	10	18	3,5	2,7	2,5	004360 004370 004372 022977																																																																																						
M 4	0,7	63	12	21	4,5	3,4	3,3	004362 004369 004373 020720																																																																																						
M 5	0,8	70	14	25	6	4,9	4,2	004363 003420 004374 022978																																																																																						
M 6	1	80	16	30	6	4,9	5	004364 003421 004375 022979																																																																																						
M 8	1,25	90	18	35	8	6,2	6,8	004366 003422 004376 022980																																																																																						
M 10	1,5	100	20	39	10	8	8,5	004368 003423 004377 022981																																																																																						

Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 VA	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	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 / 4.1-4.3 5.2-5.3
Ausführung / model / exécution / modello / modelo	VAP	TIN	TIN	HL
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO3/6G	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5	B / 3-5,5

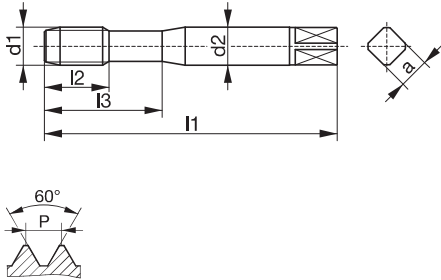






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M 12	1,75	110	24	-	9	7	10,2	004379 004383 027248 023819
M 14	2	110	25	-	11	9	12	007996 052409 031365
M 16	2	110	27	-	12	9	14	004380 004384 024313
M 18	2,5	125	32	-	14	11	15,5	012480 710350
M 20	2,5	140	32	-	16	12	17,5	004381 004385 024649
M 24	3	160	36	-	18	14,5	21	008920 008921 031367
M 27	3	160	36	-	20	16	24	033973 011373 031368
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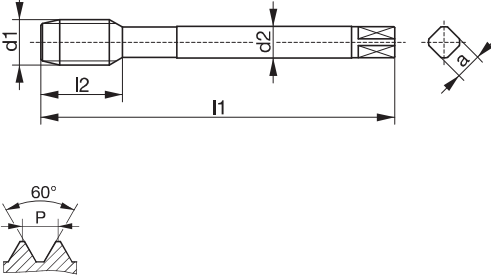




Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 MHST	VARIANT 1 MHST	VARIANT 1 TIH																																																																																																																																																																						
<b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 371</b> 																																																																																																																																																																									
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																																									
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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</b> / model / exécution / modello / modelo	HK TIN	KR HK TIN	TICN																																																																																																																																																																						
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																						
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX																																																																																																																																																																						
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6																																																																																																																																																																						
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																																																																																																																						
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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	108837																																																																																																																																																																
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	3	0,5	56	10	18	3,5	2,7	2,5	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	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	107312																																																																																																																																																																
M	5	0,8	70	16	-	6	4,9	4,2	108844																																																																																																																																																																
M	6	1	80	16	30	6	4,9	5	107313	107316	108845																																																																																																																																																														
M	8	1,25	90	18	35	8	6,2	6,8	107314	107317	108846																																																																																																																																																														
M	10	1,5	100	20	39	10	8	8,5	107308	107315	108836																																																																																																																																																														


Typenbezeichnung / type / type / tipo / tipo	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	1.1-1.6 / 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	HK TIN	KR HK TIN	TICN	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	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	B / 3-5,5	B / 3-5,5	B / 3-5,5	

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	107318 019348 108868
M 14	2	110	25	-	11	9	12	000115
M 16	2	110	27	-	12	9	14	107319 019349 108869

Typenbezeichnung / type / type / tipo / tipo	VARIO 1 H	VARIO 1 SH	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</p> <p><b>DIN 2184-1 / ~ DIN 2184-2</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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	3.1-3.4 / 5.4 8.2-8.3	
<b>Ausführung</b> / model / exécution / modello / modelo	KA TICN	TICN SR	TICN	
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	VHM	HSSE-PM	
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	6HX	6HX	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6	h9	
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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	40	11	-	3,5	2,7	2,5	050232	
M	3	0,5	56	10	18	3,5	2,7	2,5	103941	
M	4	0,7	45	13	-	4,5	3,4	3,3	037121	
M	4	0,7	63	12	21	4,5	3,4	3,3	103942	
M	5	0,8	50	16	-	6	4,9	4,2	037122	
M	5	0,8	70	14	25	6	4,9	4,2	103943	
M	6	1	56	18	-	6	4,9	5	037123	
M	6	1	80	16	30	6	4,9	5	111670	103944
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	103946
M	10	1,5	100	20	39	10	8	8,5	111669	103939
M	10	1,5	70	30	-	10	8	8,5	037125	

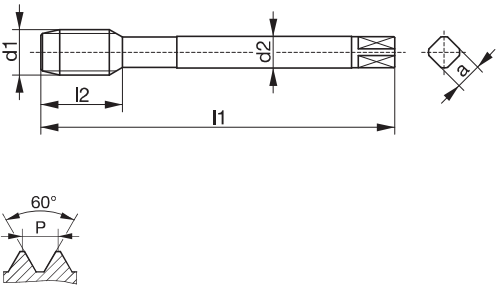






<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>		<p><b>VARIO 2 SH</b></p>	<p><b>VARIO 2 GG</b></p>	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 13</p> <p><b>DIN 2184-1 / ~ 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><b>1.8-1.9 / 4.7 9.1-9.3</b></p>	<p><b>3.1-3.4 / 5.4 8.2-8.3</b></p>	
<p><b>Ausführung / model / exécution / modello / modelo</b></p>		<p>TICN SR</p>	<p>TICN</p>	
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>		<p>VHM</p>	<p>HSSE-PM</p>	
<p><b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b></p>		<p>6HX</p>	<p>6HX</p>	
<p><b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b></p>		<p>h6</p>	<p>h9</p>	
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>		<p>C / 2-3</p>	<p>C / 2-3</p>	


<p><math>\varnothing d_1</math></p>	<p>P</p>	<p>l<sub>1</sub></p>	<p>l<sub>2</sub></p>	<p>l<sub>3</sub></p>	<p><math>\varnothing d_2</math></p>	<p>a</p>		<p><b>Identnummer / identification number / code article / codice / número de identificación</b></p>	
M	10	1,5	100	20	-	7	5,5	8,5	105179
M	12	1,75	110	24	-	9	7	10,2	105180
M	12	1,75	75	24	-	9	7	10,2	037126
M	14	2	110	25	-	11	9	12	105181
M	16	2	110	27	-	12	9	14	105182
M	16	2	80	27	-	12	9	14	037127
M	20	2,5	140	32	-	16	12	17,5	105184

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</p> <p><b>DIN 371</b></p>																																																										
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																										
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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	3.1-3.4 / 5.4 8.2-8.3 / 9.4																																																						
<b>Ausführung</b> / model / exécution / modello / modelo	KA TICN	KA TICN	KA TICN	KA BT																																																						
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	VHM	HSSE-PM	HSSE-PM																																																						
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX																																																						
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																						
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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 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>004572</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>002701 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>107323 004574 107327 710085</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>107324 004575 107328 059047</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>107321 004576 107326 061551</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 4	0,7	63	12	21	4,5	3,4	3,3	004572	M 5	0,8	70	14	25	6	4,9	4,2	002701 004573	M 6	1	80	16	30	6	4,9	5	107323 004574 107327 710085	M 8	1,25	90	18	35	8	6,2	6,8	107324 004575 107328 059047	M 10	1,5	100	20	39	10	8	8,5	107321 004576 107326 061551				
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 4	0,7	63	12	21	4,5	3,4	3,3	004572																																																		
M 5	0,8	70	14	25	6	4,9	4,2	002701 004573																																																		
M 6	1	80	16	30	6	4,9	5	107323 004574 107327 710085																																																		
M 8	1,25	90	18	35	8	6,2	6,8	107324 004575 107328 059047																																																		
M 10	1,5	100	20	39	10	8	8,5	107321 004576 107326 061551																																																		

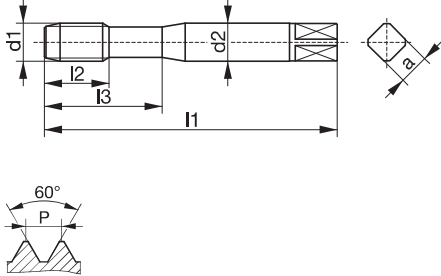








Typenbezeichnung / type / type / tipo / tipo									VARIO 2 GG	VARIO 2 GG	VARIO 2 GG	VARIO 2 GG
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p>												
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 / 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	3.1-3.4 / 5.4 8.2-8.3 / 9.4
Ausführung / model / exécution / modello / modelo									KA TICN	KA TICN	KA TICN	KA BT
Werkstoff / tool material / substrat / materiale / material									HSSE-PM	VHM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca									6HX	6HX	6HX	6HX
Schafftoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango									h6	h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada									C / 2-3	C / 2-3	E / 1,5-2	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	107336	004577	107342	061550
M	14	2	110	25	-	11	9	12	107337			
M	16	2	110	27	-	12	9	14	107338		004723	710110
M	20	2,5	140	32	-	16	12	17,5	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</p> <p><b>DIN 371</b></p>																																																																												
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																												
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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</b> / model / exécution / modello / modelo			TICN	KA TICN																																																																								
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																								
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	ISO2/6H	ISO2/6H	ISO2/6H																																																																								
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																								
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>103462 107393 107424</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>103463</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>103464 107394 107425</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>103470 107405 107426</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>103471 107406 107427 111685</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>103478 107412 107428 111686</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>103455 107387 107423 111684</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	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	103455 107387 107423 111684				
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	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	103455 107387 107423 111684																																																																				

<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>		<p><b>AVANT 2 H15</b></p>	<p><b>AVANT 2 H15</b></p>	<p><b>AVANT 2 H15</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</p> <p><b>DIN 376</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>1.4-1.5 / 4.1-4.6</p>	<p>1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4</p>	<p>1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4</p>
<p><b>Ausführung / model / exécution / modello / modelo</b></p>			<p>TICN</p>	<p>KA TICN</p>
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>		<p>HSSE-PM</p>	<p>HSSE-PM</p>	<p>HSSE-PM</p>
<p><b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b></p>		<p>ISO2/6H</p>	<p>ISO2/6H</p>	<p>ISO2/6H</p>
<p><b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b></p>		<p>h9</p>	<p>h9</p>	<p>h9</p>
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>		<p>C / 2-3</p>	<p>C / 2-3</p>	<p>C / 2-3</p>

<p><b>Ød<sub>1</sub></b></p>	<p><b>P</b></p>	<p><b>l<sub>1</sub></b></p>	<p><b>l<sub>2</sub></b></p>	<p><b>l<sub>3</sub></b></p>	<p><b>Ød<sub>2</sub></b></p>	<p><b>a</b></p>		<p><b>Identnummer / identification number / code article / codice / número de identificación</b></p>
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

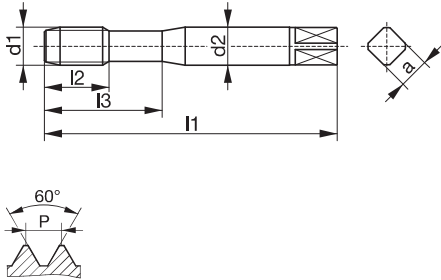













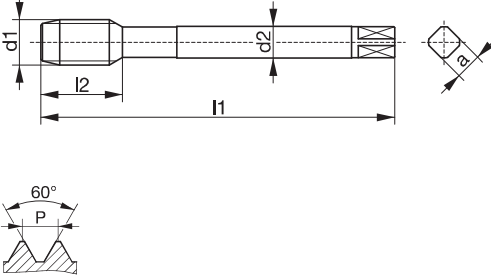






Typenbezeichnung / type / type / tipo / tipo	AVANT 1 H15	AVANT 1 H15	AVANT 1 H15	AVANT 1 H25
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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 3.2 / 4.2-4.3 5.1-5.3
<b>Ausführung</b> / model / exécution / modello / modelo	TICN	TICN	TICN	HL
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO3/6G	ISO3/6G	6HX
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9	h9
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	E / 1,5-2	C / 2-3	E / 1,5-2	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	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	

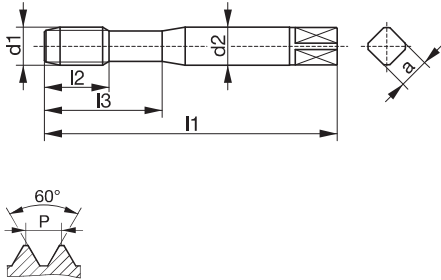




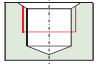




<b>Typenbezeichnung / type / type / tipo / tipo</b>				AVANT 2 H25
<b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 376</b>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application</b> adatto per lavorazione di / aplicación				1.2-1.6 / 2.1-2.3 3.2 / 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-PM
<b>Gewindetoleranz / thread tolerance / tolérance du filetage /</b> tolleranza di filettatura / tolerancia de la rosca				6HX
<b>Schafttoleranz / shank tolerance / tolérance de queue /</b> tolleranza del gambo / tolerancia del mango				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 /</b> codice / número de identificación
M 12	1,75	110	18	-	9	7	10,2	035800
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</p> <p><b>DIN 371</b></p> 																																																																																																																
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.6 / 2.1-2.3 3.2 / 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</b> / model / exécution / modello / modelo	HL	KA TICN	KA TICN	TICN																																																																																																												
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	VHM	HSSE-PM																																																																																																												
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6GX	6HX	6HX	6HX																																																																																																												
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6	h6	h6																																																																																																												
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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</td> <td>3</td> <td>0,5</td> <td>56</td> <td>11</td> <td>-</td> <td>3,5</td> <td>2,7</td> <td>108755</td> </tr> <tr> <td>M</td> <td>4</td> <td>0,7</td> <td>63</td> <td>13</td> <td>-</td> <td>4,5</td> <td>3,4</td> <td>108756</td> </tr> <tr> <td>M</td> <td>4</td> <td>0,7</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>038191</td> </tr> <tr> <td>M</td> <td>5</td> <td>0,8</td> <td>70</td> <td>16</td> <td>-</td> <td>6</td> <td>4,9</td> <td>108757</td> </tr> <tr> <td>M</td> <td>5</td> <td>0,8</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>038192 036973</td> </tr> <tr> <td>M</td> <td>6</td> <td>1</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>038193 035274 037093</td> </tr> <tr> <td>M</td> <td>6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>108758</td> </tr> <tr> <td>M</td> <td>8</td> <td>1,25</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>038194 034631 037095</td> </tr> <tr> <td>M</td> <td>8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>108759</td> </tr> <tr> <td>M</td> <td>10</td> <td>1,5</td> <td>100</td> <td>15</td> <td>39</td> <td>10</td> <td>8</td> <td>038196 036974 037082</td> </tr> <tr> <td>M</td> <td>10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</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	108755	M	4	0,7	63	13	-	4,5	3,4	108756	M	4	0,7	63	8	21	4,5	3,4	038191	M	5	0,8	70	16	-	6	4,9	108757	M	5	0,8	70	9	25	6	4,9	038192 036973	M	6	1	80	10	30	6	4,9	038193 035274 037093	M	6	1	80	16	30	6	4,9	108758	M	8	1,25	90	13	35	8	6,2	038194 034631 037095	M	8	1,25	90	18	35	8	6,2	108759	M	10	1,5	100	15	39	10	8	038196 036974 037082	M	10	1,5	100	20	39	10	8	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	108755																																																																																																								
M	4	0,7	63	13	-	4,5	3,4	108756																																																																																																								
M	4	0,7	63	8	21	4,5	3,4	038191																																																																																																								
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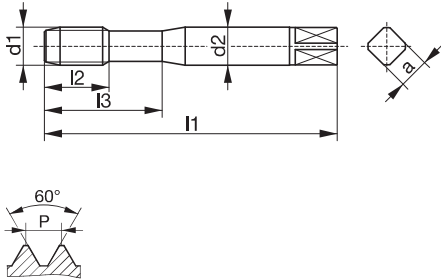




<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>		<p><b>AVANT 2 GAL15</b></p>	<p><b>AVANT 2 GAL15</b></p>	<p><b>AVANT 2 TIH13</b></p>
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13               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


<p><b>Ød<sub>1</sub></b></p>	<p><b>P</b></p>	<p><b>l<sub>1</sub></b></p>	<p><b>l<sub>2</sub></b></p>	<p><b>l<sub>3</sub></b></p>	<p><b>Ød<sub>2</sub></b></p>	<p><b>a</b></p>		<p><b>Identnummer / identification number / code article / codice / número de identificación</b></p>
<p>M</p>	<p>12</p>	<p>1,75</p>	<p>110</p>	<p>18</p>	<p>-</p>	<p>9</p>	<p>7</p>	<p>10,2</p>
<p>M</p>	<p>12</p>	<p>1,75</p>	<p>110</p>	<p>24</p>	<p>-</p>	<p>9</p>	<p>7</p>	<p>10,2</p>
<p>M</p>	<p>16</p>	<p>2</p>	<p>110</p>	<p>27</p>	<p>-</p>	<p>12</p>	<p>9</p>	<p>14</p>
<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p>036975      037096</p>
<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p>108793</p>
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<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>
<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>
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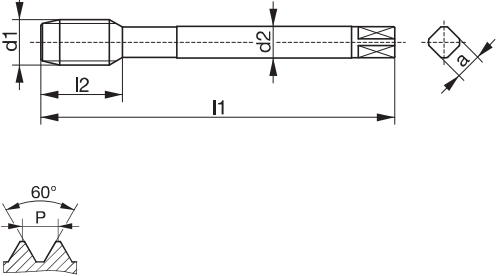




Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 N38	DOMINANT 1 N38	DOMINANT 1 N38																																																																																		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 																																																																																					
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	<b>1.2-1.3 / 4.3</b> <b>5.1-5.3 / 8.1</b>	<b>1.1-1.3 / 4.3</b> <b>5.2-5.3 / 8.1</b>	<b>1.2-1.3 / 4.3</b> <b>5.1-5.3 / 8.1</b>																																																																																		
<b>Ausführung</b> / model / exécution / modello / modelo		TIN	LH																																																																																		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																																		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H																																																																																		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9																																																																																		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3																																																																																		
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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																																																																										
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<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 2 N38</b>	<b>DOMINANT 2 N38</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>1.2-1.3 / 4.3 5.1-5.3 / 8.1</b>	<b>1.1-1.3 / 4.3 5.2-5.3 / 8.1</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		TIN		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<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		

$\text{Ød}_1$	P	$l_1$	$l_2$	$l_3$	$\text{Ød}_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
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

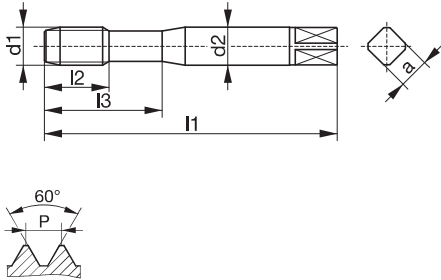











Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 HZ38	DOMINANT 1 HZ38		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	<b>1.2-1.5 / 4.1 4.3 / 4.5</b>	<b>1.2-1.4 / 2.1-2.2 4.5</b>		
<b>Ausführung</b> / model / exécution / modello / modelo		VAP		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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 2	0,4	45	9	-	2,8	2,1	1,6	111228 110332
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

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 2 HZ38</b>	<b>DOMINANT 2 HZ38</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>1.2-1.5 / 4.1 4.3 / 4.5</b>	<b>1.2-1.4 / 2.1-2.2 4.5</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<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		

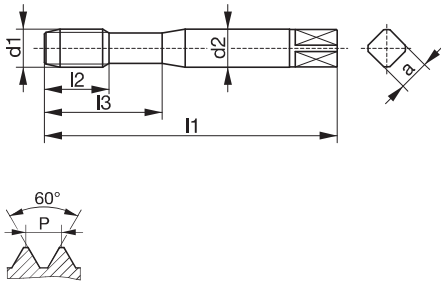











Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>		
M	10	1,5	100	15	-	7	5,5	8,5	111357	
M	12	1,75	110	18	-	9	7	10,2	111359	111413
M	14	2	110	20	-	11	9	12	111363	006840
M	16	2	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	DOMINANT 1 HZ38																																																																																																																
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<b>Ausführung</b> / model / exécution / modello / modelo	TIN	TICN	HL	KA HL																																																																																																																
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<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H																																																																																																																
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2																																																																																																																
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Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a																																																																																																														
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M	4	0,7	63	8	21	4,5	3,4	3,3																																																																																																												
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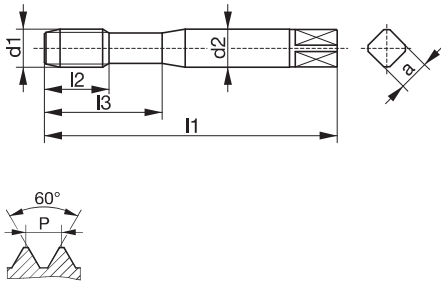











Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 HZ38
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p>				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	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	1.2-1.5 / 2.1-2.3 3.2-3.4
Ausführung / model / exécution / modello / modelo	TIN	TICN	HL	KA HL
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2

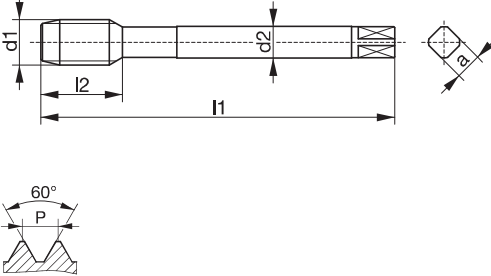




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M 12	1,75	110	18	-	9	7	10,2	111399 037182 036157 065961
M 14	2	110	20	-	11	9	12	111401 044889
M 16	2	110	20	-	12	9	14	111402 004910 042207 065962
M 18	2,5	125	25	-	14	11	15,5	111405 044890
M 20	2,5	140	25	-	16	12	17,5	111406 037184 044560 053239
M 22	2,5	140	25	-	18	14,5	19,5	111408 109365
M 24	3	160	30	-	18	14,5	21	002040 002327 034555 066638
M 27	3	160	30	-	20	16	24	046256
M 30	3,5	180	35	-	22	18	26,5	026237
M 33	3,5	180	35	-	25	20	29,5	047331
M 36	4	200	40	-	28	22	32	026238
M 39	4	200	40	-	32	24	35	054126
M 42	4,5	200	40	-	32	24	37,5	046375
M 45	4,5	220	45	-	36	29	40,5	061340
M 48	5	250	50	-	36	29	43	046394
M 52	5	250	55	-	40	32	47	046395
M 56	5,5	250	55	-	40	32	50,5	046396


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</b> / bore / type de trou / fori / tipos de agujeros																																																																																																							
<b>Einsatzgebiet</b> / 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	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.1-1.5 / 2.1-2.2 6.1																																																																																																			
<b>Ausführung</b> / model / exécution / modello / modelo				VAP																																																																																																			
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																			
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO3/6G	7G	ISO2/6H																																																																																																			
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																			
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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 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>038343 038351</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>038344 038350 038363</td> </tr> <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>024650 024682 024867 013741</td> </tr> <tr> <td>M 3,5</td> <td>0,6</td> <td>56</td> <td>7</td> <td>20</td> <td>4</td> <td>3</td> <td>2,9</td> <td>033230</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>019921 024683 024868 013748</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>019922 024685 024869 013750</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>019923 024686 024870 013751</td> </tr> <tr> <td>M 7</td> <td>1</td> <td>80</td> <td>10</td> <td>30</td> <td>7</td> <td>5,5</td> <td>6</td> <td>108999</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>024651 024687 024871 013753</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>024652 024688 024872 013755</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	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				
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	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																																																																																															

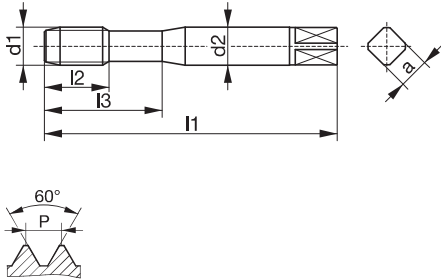











<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 2 VA45</b>	<b>DOMINANT 2 VA45</b>		<b>DOMINANT 2 VA45</b>
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica 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>	1.3-1.5 / 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-PM	HSSE-PM		HSSE-PM
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	ISO2/6H	ISO3/6G		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

$\varnothing d_1$	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 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
M 14	2	110	20	-	11	9	12	024658
M 16	2	110	20	-	12	9	14	024659
M 18	2,5	125	25	-	14	11	15,5	024660
M 20	2,5	140	25	-	16	12	17,5	024661
M 22	2,5	140	25	-	18	14,5	19,5	024662
M 24	3	160	30	-	18	14,5	21	024663
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</p> <p><b>DIN 371</b></p> 																																																																			
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																			
<b>Einsatzgebiet</b> / 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	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</b> / model / exécution / modello / modelo	TIN	TIN	TIN	TIN																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO3/6G	ISO3/6G	7G																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	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>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>013744 024689 035906 024873</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>013767 024690 024695 024874</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>013768 024691 024696 024875</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>010964 024692 024697 024876</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>013770 024693 024698 024877</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>013771 024694 024699 024878</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	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				
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																																																											
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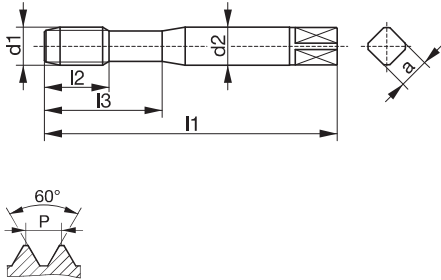





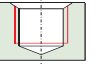





<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>	<p><b>DOMINANT 2 VA45</b></p>	<p><b>DOMINANT 2 VA45</b></p>		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO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

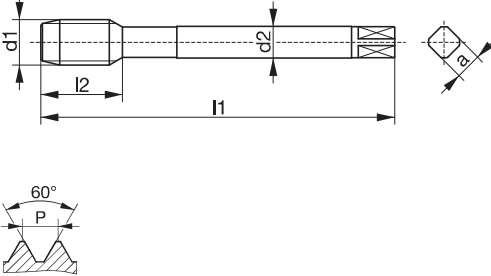


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M	8	1,25	90	13	-	6	4,9	6,8	025078
M	10	1,5	100	15	-	7	5,5	8,5	025079
M	12	1,75	110	18	-	9	7	10,2	013781      024704
M	16	2	110	20	-	12	9	14	013787      024706
M	20	2,5	140	25	-	16	12	17,5	019067
M	24	3	160	30	-	18	14,5	21	017495


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</p> <p><b>DIN 371</b></p> 																																																																			
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																			
<b>Einsatzgebiet</b> / 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 3.1-3.4 / 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 3.1-3.4 / 5.1-5.3 7.1-7.2																																																															
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL	KA HL	HL																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6H+0,1	ISO2/6H	ISO2/6H	ISO2/6H																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2																																																															
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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	024879 013746 024673																																																											
M	4	0,7	63	8	21	4,5	3,4	024880 013756 024674																																																											
M	5	0,8	70	9	25	6	4,9	024881 013758 024670 024675																																																											
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M	8	1,25	90	13	35	8	6,2	024883 013765 017414 023066																																																											
M	10	1,5	100	15	39	10	8	024884 013766 024671 024194																																																											

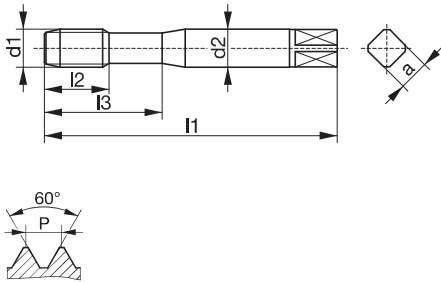











Typenbezeichnung / type / type / tipo / tipo		DOMINANT 2 VA45	DOMINANT 2 VA45	DOMINANT 2 VA45				
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      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 3.1-3.4 / 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 3.1-3.4 / 5.1-5.3 7.1-7.2				
Ausführung / model / exécution / modello / modelo		HL	KA HL	HL				
Werkstoff / tool material / substrat / materiale / material		HSSE-PM	HSSE-PM	HSSE-PM				
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca		ISO2/6H	ISO2/6H	ISO2/6H				
Schafftoleranz / 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	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 024332
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
M 30	3,5	180	35	-	22	18	26,5	109941



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</b> / bore / type de trou / fori / tipos de agujeros																																																																																											
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2																																																																																							
<b>Ausführung</b> / model / exécution / modello / modelo	HL	HL	HL	HL																																																																																							
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																							
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO3/6G	ISO3/6G	7G	6H+0,1																																																																																							
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																							
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	E / 1,5-2	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</td> <td>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>036080</td> <td>025080</td> <td>112427</td> <td>036282</td> </tr> <tr> <td>M</td> <td>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>112439</td> <td>038373</td> <td>112428</td> <td>036283</td> </tr> <tr> <td>M</td> <td>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>112441</td> <td>038374</td> <td>112429</td> <td>036284</td> </tr> <tr> <td>M</td> <td>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>112438</td> <td>034513</td> <td>112430</td> <td>033185</td> </tr> <tr> <td>M</td> <td>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>015456</td> <td>038375</td> <td>031904</td> <td>033186</td> </tr> <tr> <td>M</td> <td>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>015457</td> <td>038376</td> <td>034567</td> <td>033187</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	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				
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	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																																																																															

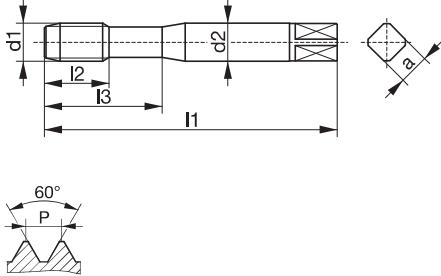











<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>	<p><b>DOMINANT 2 VA45</b></p>			
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca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

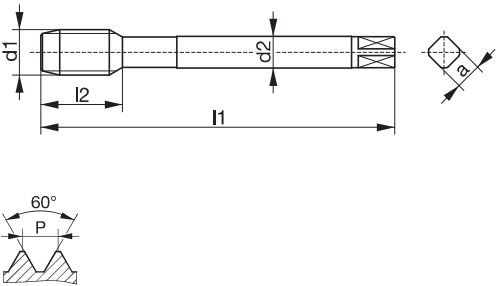


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M	12	1,75	110	18	-	9	7	10,2	027471
M	16	2	110	20	-	12	9	14	112451


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</p> <p><b>DIN 371</b></p> 																																																																			
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																			
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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	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</b> / model / exécution / modello / modelo	HK HL	KA HK HL	HK HL	KA HK HL																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,5</td> <td>036347 036354</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>034383 036355</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>036348 036364 036363</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>036349 036361 036356 065650</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>036350 030591 036357 058709</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>036351 036362 036358 065950</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	036347 036354	M 4	0,7	63	8	21	4,5	3,4	3,3	034383 036355	M 5	0,8	70	9	25	6	4,9	4,2	036348 036364 036363	M 6	1	80	10	30	6	4,9	5	036349 036361 036356 065650	M 8	1,25	90	13	35	8	6,2	6,8	036350 030591 036357 058709	M 10	1,5	100	15	39	10	8	8,5	036351 036362 036358 065950				
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	036347 036354																																																											
M 4	0,7	63	8	21	4,5	3,4	3,3	034383 036355																																																											
M 5	0,8	70	9	25	6	4,9	4,2	036348 036364 036363																																																											
M 6	1	80	10	30	6	4,9	5	036349 036361 036356 065650																																																											
M 8	1,25	90	13	35	8	6,2	6,8	036350 030591 036357 058709																																																											
M 10	1,5	100	15	39	10	8	8,5	036351 036362 036358 065950																																																											

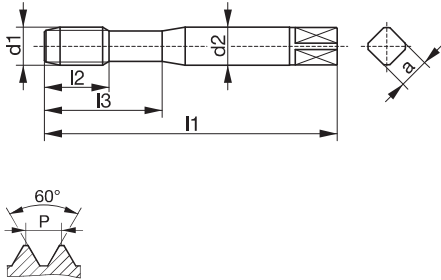











Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 MHST45			DOMINANT 2 MHST45
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 376</b></p>				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	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
Ausführung / model / exécution / modello / modelo	HK HL			KA HK HL
Werkstoff / tool material / substrat / materiale / material	HSSE-PM			HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX			6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6			h6
Anschnitt / chamfer / entrée / imbocco / entrada	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	036352 065951
M 16	2	110	20	-	12	9	14	036353 065954

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 N	DURAMAX 1 N	DURAMAX 1 N	DURAMAX 1 N																																																																																										
<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 2174</b> 																																																																																														
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																														
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	4.1 / 5.1-5.2 6.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																																																										
<b>Ausführung</b> / model / exécution / modello / modelo		TIN	TIN	TIN																																																																																										
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																										
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6GX																																																																																										
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																										
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	E / 1,5-2	C / 2-3																																																																																										
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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	1,82	106360 106542																																																																																						
M 2,5	0,45	50	9	14	2,8	2,1	2,3	106543																																																																																						
M 3	0,5	56	10	18	3,5	2,7	2,8	106365 106545 106508 106471																																																																																						
M 3,5	0,6	56	11	20	4	3	3,25	106366 106546																																																																																						
M 4	0,7	63	12	21	4,5	3,4	3,7	106367 106547 106509 106473																																																																																						
M 5	0,8	70	14	25	6	4,9	4,65	106383 106550 106510 106474																																																																																						
M 6	1	80	16	30	6	4,9	5,55	000081 106552 106511 106475																																																																																						
M 8	1,25	90	18	35	8	6,2	7,45	106491 106555 106512 106476																																																																																						
M 10	1,5	100	20	39	10	8	9,35	106338 106541 106507 106466																																																																																						

<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>		<p><b>DURAMAX 2 N</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</p> <p><b>DIN 2174</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>1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1</p>		
<p><b>Ausführung / model / exécution / modello / modelo</b></p>		<p>TIN</p>		
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>		<p>HSSE-PM</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>h9</p>		
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>		<p>C / 2-3</p>		

Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
M	12	1,75	110	24	-	9	7	11,2	106755
M	14	2	110	25	-	11	9	13,1	106757
M	16	2	110	27	-	12	9	15,1	106758

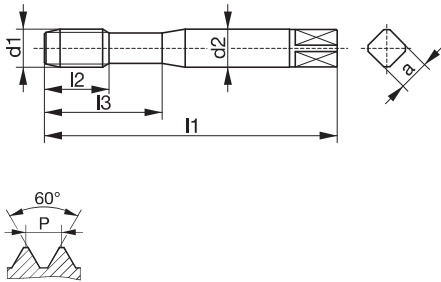





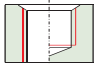
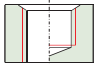




Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 N	DURAMAX 1 NO	DURAMAX 1 NO	DURAMAX 1 NO																																																																																																																																																															
<b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13 <b>DIN 2174</b> 																																																																																																																																																																			
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																																			
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	4.1 / 5.1-5.2 6.1	4.1 / 5.1-5.2 6.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																																																																																																																															
<b>Ausführung</b> / model / exécution / modello / modelo	TIN			TIN																																																																																																																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	7GX	4HX	6HX	4HX																																																																																																																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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 1</td><td>0,25</td><td>40</td><td>5,5</td><td>-</td><td>2,5</td><td>2,1</td><td>0,88</td><td>019223</td><td>019226</td></tr> <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>1,08</td><td>019224</td><td>018409</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>1,26</td><td>019225</td><td>019228</td></tr> <tr><td>M 1,6</td><td>0,35</td><td>40</td><td>8</td><td>-</td><td>2,5</td><td>2,1</td><td>1,44</td><td></td><td>004721</td></tr> <tr><td>M 1,7</td><td>0,35</td><td>40</td><td>8</td><td>-</td><td>2,5</td><td>2,1</td><td>1,54</td><td></td><td>024708</td></tr> <tr><td>M 1,8</td><td>0,35</td><td>40</td><td>8</td><td>-</td><td>2,5</td><td>2,1</td><td>1,64</td><td></td><td>024709</td></tr> <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>1,82</td><td></td><td>106387</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>2,3</td><td></td><td>106388</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>2,8</td><td></td><td>106389</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>3,25</td><td></td><td>106390</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>3,7</td><td>106487</td><td>106391</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>4,65</td><td>106488</td><td>106395</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>5,55</td><td>106489</td><td>106397</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>7,45</td><td>106490</td><td>106419</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>9,35</td><td>007877</td><td>106384</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 1	0,25	40	5,5	-	2,5	2,1	0,88	019223	019226	M 1,2	0,25	40	6	-	2,5	2,1	1,08	019224	018409	M 1,4	0,3	40	7	-	2,5	2,1	1,26	019225	019228	M 1,6	0,35	40	8	-	2,5	2,1	1,44		004721	M 1,7	0,35	40	8	-	2,5	2,1	1,54		024708	M 1,8	0,35	40	8	-	2,5	2,1	1,64		024709	M 2	0,4	45	9	-	2,8	2,1	1,82		106387	M 2,5	0,45	50	9	14	2,8	2,1	2,3		106388	M 3	0,5	56	10	18	3,5	2,7	2,8		106389	M 3,5	0,6	56	11	20	4	3	3,25		106390	M 4	0,7	63	12	21	4,5	3,4	3,7	106487	106391	M 5	0,8	70	14	25	6	4,9	4,65	106488	106395	M 6	1	80	16	30	6	4,9	5,55	106489	106397	M 8	1,25	90	18	35	8	6,2	7,45	106490	106419	M 10	1,5	100	20	39	10	8	9,35	007877	106384				
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 1	0,25	40	5,5	-	2,5	2,1	0,88	019223	019226																																																																																																																																																										
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M 1,7	0,35	40	8	-	2,5	2,1	1,54		024708																																																																																																																																																										
M 1,8	0,35	40	8	-	2,5	2,1	1,64		024709																																																																																																																																																										
M 2	0,4	45	9	-	2,8	2,1	1,82		106387																																																																																																																																																										
M 2,5	0,45	50	9	14	2,8	2,1	2,3		106388																																																																																																																																																										
M 3	0,5	56	10	18	3,5	2,7	2,8		106389																																																																																																																																																										
M 3,5	0,6	56	11	20	4	3	3,25		106390																																																																																																																																																										
M 4	0,7	63	12	21	4,5	3,4	3,7	106487	106391																																																																																																																																																										
M 5	0,8	70	14	25	6	4,9	4,65	106488	106395																																																																																																																																																										
M 6	1	80	16	30	6	4,9	5,55	106489	106397																																																																																																																																																										
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M 10	1,5	100	20	39	10	8	9,35	007877	106384																																																																																																																																																										



MULTI-GROOVE  
**FÄCHERNUT**

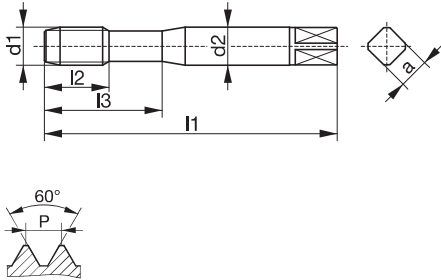





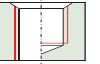





S./p. 60, 71, 80



Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 NO	DURAMAX 1 NO	DURAMAX 1 H	DURAMAX 1 H																																																																																																																																																			
<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 2174</b> 																																																																																																																																																							
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																																																																																																																			
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	TIN	TIN	TIN																																																																																																																																																			
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																			
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6GX	6HX	6GX																																																																																																																																																			
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h6	h6																																																																																																																																																			
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	C / 2-3																																																																																																																																																			
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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	1,6	0,35	40	8	-	2,5	2,1	1,44	009995																																																																																																																																														
M	1,7	0,35	40	8	-	2,5	2,1	1,54	024710																																																																																																																																														
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M	2	0,4	45	9	-	2,8	2,1	1,82	106428	106400																																																																																																																																													
M	2,5	0,45	50	9	14	2,8	2,1	2,3	106429	106401																																																																																																																																													
M	3	0,5	56	10	18	3,5	2,7	2,8	106430	106402	107193																																																																																																																																												
M	3,5	0,6	56	11	20	4	3	3,25	106431	106403																																																																																																																																													
M	4	0,7	63	12	21	4,5	3,4	3,7	106432	106404	107194																																																																																																																																												
M	5	0,8	70	14	25	6	4,9	4,65	106434	106405	107196																																																																																																																																												
M	6	1	80	16	30	6	4,9	5,55	106435	106406	107222	107227																																																																																																																																											
M	8	1,25	90	18	35	8	6,2	7,45	106437	106407	107231	107228																																																																																																																																											
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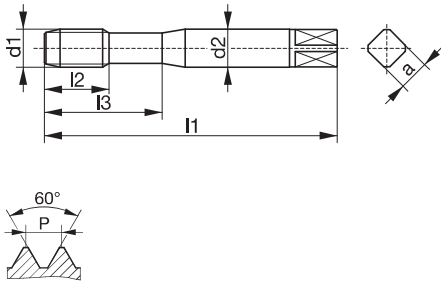





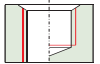
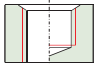




<b>Typenbezeichnung / type / type / tipo / tipo</b>			<b>DURAMAX 2 H</b>	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 13</p> <p><b>DIN 2174</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 4.1 / 4.3 5.2-5.3 / 7.1	
<b>Ausführung / model / exécution / modello / modelo</b>			TIN	
<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>			C / 2-3	

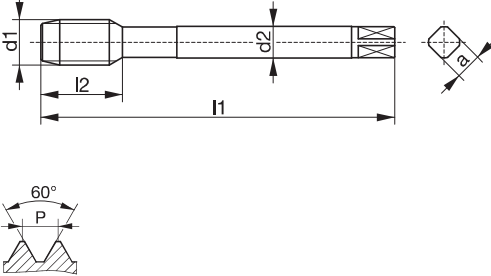




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M 14	2	110	25	-	11	9	13,1	024514
M 16	2	110	27	-	12	9	15,1	107249
M 20	2,5	140	32	-	16	12	18,8	020147
M 24	3	160	36	-	18	14,5	22,6	024715


Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 H	DURAMAX 1 H	DURAMAX 1 H	DURAMAX 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 2174</b></p> 																																																																																						
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1																																																																																		
<b>Ausführung</b> / model / exécution / modello / modelo	KA TIN	KR TIN	BT	BT																																																																																		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX																																																																																		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																																																		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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</td> <td>3</td> <td>0,5</td> <td>56</td> <td>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,8</td> <td>052508</td> <td>058435</td> </tr> <tr> <td>M</td> <td>4</td> <td>0,7</td> <td>63</td> <td>12</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,7</td> <td>050403</td> <td>059126</td> </tr> <tr> <td>M</td> <td>5</td> <td>0,8</td> <td>70</td> <td>14</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,65</td> <td>107240</td> <td>054125</td> <td>059112</td> </tr> <tr> <td>M</td> <td>6</td> <td>1</td> <td>80</td> <td>16</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5,55</td> <td>107241</td> <td>107243</td> <td>050145</td> <td>059113</td> </tr> <tr> <td>M</td> <td>8</td> <td>1,25</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>7,45</td> <td>004724</td> <td>001989</td> <td>051431</td> <td>056453</td> </tr> <tr> <td>M</td> <td>10</td> <td>1,5</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>9,35</td> <td>004725</td> <td>004726</td> <td>054822</td> <td>059115</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	2,8	052508	058435	M	4	0,7	63	12	21	4,5	3,4	3,7	050403	059126	M	5	0,8	70	14	25	6	4,9	4,65	107240	054125	059112	M	6	1	80	16	30	6	4,9	5,55	107241	107243	050145	059113	M	8	1,25	90	18	35	8	6,2	7,45	004724	001989	051431	056453	M	10	1,5	100	20	39	10	8	9,35	004725	004726	054822	059115				
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	2,8	052508	058435																																																																												
M	4	0,7	63	12	21	4,5	3,4	3,7	050403	059126																																																																												
M	5	0,8	70	14	25	6	4,9	4,65	107240	054125	059112																																																																											
M	6	1	80	16	30	6	4,9	5,55	107241	107243	050145	059113																																																																										
M	8	1,25	90	18	35	8	6,2	7,45	004724	001989	051431	056453																																																																										
M	10	1,5	100	20	39	10	8	9,35	004725	004726	054822	059115																																																																										

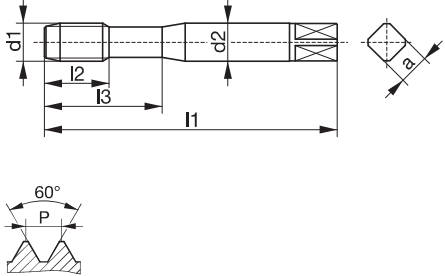




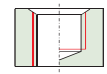
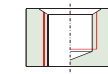
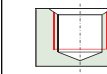
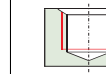



Typenbezeichnung / type / type / tipo / tipo	DURAMAX 2 H	DURAMAX 2 H	DURAMAX 2 H	DURAMAX 2 H
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                      ISO Metric coarse thread DIN 13                      Filetage métrique ISO DIN 13                      Filettatura metrica ISO DIN 13                      Rosca métrica ISO DIN 13</p> <p><b>DIN 2174</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 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1
Ausführung / model / exécution / modello / modelo	KA TIN	KR TIN	BT	BT
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	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	11,2	004967 007517 053680 059117
M 14	2	110	25	-	11	9	13,1	022052
M 16	2	110	27	-	12	9	15,1	005117 007156 054869
M 18	2,5	125	32	-	14	11	16,8	030708
M 20	2,5	140	32	-	16	12	18,8	014362 019905 060184
M 22	2,5	140	32	-	18	14,5	20,8	033591
M 24	3	160	36	-	18	14,5	22,6	030657 030760 060185
M 27	3	160	36	-	20	16	25,6	030786
M 30	3,5	180	40	-	22	18	28,3	030787
M 33	3,5	180	40	-	25	20	31,3	033592
M 36	4	200	50	-	28	22	34,1	030788
M 39	4	200	50	-	32	24	37,1	033593
M 42	4,5	200	50	-	32	24	39,8	032577
M 45	4,5	220	55	-	36	29	42,8	033594
M 48	5	250	60	-	36	29	45,6	033595

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 H	DURAMAX 1 H	DURAMAX 1 H	DURAMAX 1 HO																																																															
<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 2174</b></p> 																																																																			
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																			
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																															
<b>Ausführung</b> / model / exécution / modello / modelo	KA BT	KR BT	KR TICN	TIN																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	VHM	HSSE-PM																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	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>10</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,8</td> <td>107198</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>3,7</td> <td>107200</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>4,65</td> <td>054569 053613 107201</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>5,55</td> <td>051434 053764 029523 107202</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>7,45</td> <td>051435 057219 029524 107213</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>9,35</td> <td>051436 053612 029525 107197</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	2,8	107198	M 4	0,7	63	12	21	4,5	3,4	3,7	107200	M 5	0,8	70	14	25	6	4,9	4,65	054569 053613 107201	M 6	1	80	16	30	6	4,9	5,55	051434 053764 029523 107202	M 8	1,25	90	18	35	8	6,2	7,45	051435 057219 029524 107213	M 10	1,5	100	20	39	10	8	9,35	051436 053612 029525 107197				
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	2,8	107198																																																											
M 4	0,7	63	12	21	4,5	3,4	3,7	107200																																																											
M 5	0,8	70	14	25	6	4,9	4,65	054569 053613 107201																																																											
M 6	1	80	16	30	6	4,9	5,55	051434 053764 029523 107202																																																											
M 8	1,25	90	18	35	8	6,2	7,45	051435 057219 029524 107213																																																											
M 10	1,5	100	20	39	10	8	9,35	051436 053612 029525 107197																																																											

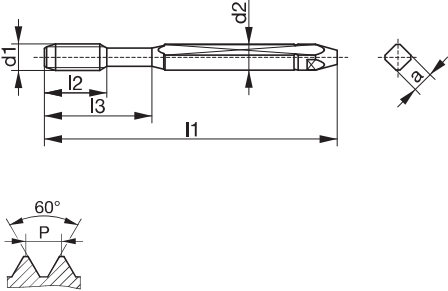





<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DURAMAX 2 H</b>	<b>DURAMAX 2 H</b>		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>                  ISO Metric coarse thread DIN 13                  Filetage métrique ISO DIN 13                  Filettatura metrica ISO DIN 13                  Rosca métrica ISO DIN 13</p> <p><b>DIN 2174</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application                  adatto per lavorazione di / aplicación</b>	<b>1.1-1.5 / 2.1-2.3                  4.1 / 4.3                  5.1-5.3 / 7.1</b>	<b>1.1-1.5 / 2.1-2.3                  4.1 / 4.3                  5.1-5.3 / 7.1</b>		
<b>Ausführung / model / exécution / modello / modelo</b>	KA BT	KR BT		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage /                  tolleranza di filettatura / tolerancia de la rosca</b>	6HX	6HX		
<b>Schafttoleranz / shank tolerance / tolérance de queue /                  tolleranza del gambo / tolerancia del mango</b>	h6	h9		
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3	C / 2-3		

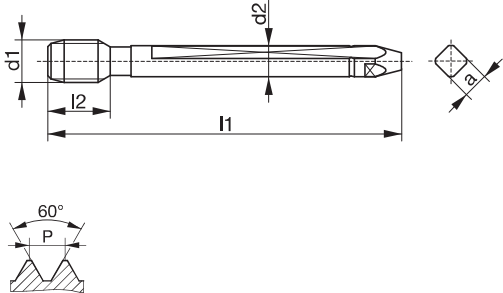


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article /                  codice / número de identificación</b>	
M 12	1,75	110	24	-	9	7	11,2	053762	050075
M 16	2	110	27	-	12	9	15,1	053763	053585
M 20	2,5	140	32	-	16	12	18,8		054688
M 24	3	160	36	-	18	14,5	22,6		056172
M 27	3	160	36	-	20	16	25,6		066770
M 30	3,5	180	40	-	22	18	28,3		060281
M 33	3,5	180	40	-	25	20	31,3		066771
M 36	4	200	50	-	28	22	34,1		060785
M 39	4	200	50	-	32	24	37,1		066772
M 42	4,5	200	50	-	32	24	40		063811
M 45	4,5	220	55	-	36	29	42,8		066775
M 48	5	250	60	-	36	29	45,6		060786


Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 GAL	DURAMAX 1 GAL	DURAMAX 1 GAL	DURAMAX 1 GAL																																																						
<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 2174</b></p> 																																																										
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																										
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	5.1-5.3 / 7.1	5.1-5.3 / 7.1	1.4-1.5 / 5.1-5.3 / 7.1	5.1-5.3																																																						
<b>Ausführung</b> / model / exécution / modello / modelo	MKR HL	MKR AK HL	MKA BT MG	KA HL																																																						
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	VHM																																																						
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX																																																						
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																						
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	E / 1,5-2	E / 1,5-2	E / 1,5-2	E / 1,5-2																																																						
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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	25	6	4,9	4,65	037102 037694																																																		
M 6	1	80	10	30	6	4,9	5,55	037103 037697 059620 059273																																																		
M 7	1	80	10	30	7	5,5	6,55	059625																																																		
M 8	1,25	90	13	35	8	6,2	7,45	037104 037699 059628 060508																																																		
M 10	1,5	100	15	39	10	8	9,35	037105 037701 059636 049316																																																		

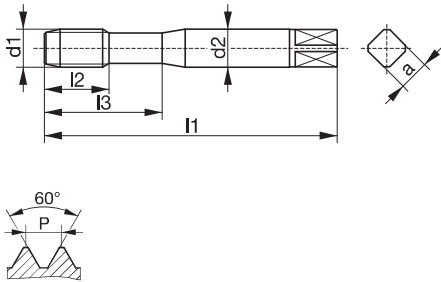









<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DURAMAX 1 NB</b>																																																													
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b>          ISO Metric coarse thread DIN 13          Filetage métrique ISO DIN 13          Filettatura metrica ISO DIN 13          Rosca métrica ISO DIN 13</p> 																																																														
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>																																																														
<b>Einsatzgebiet / application / application</b> adatto per lavorazione di / aplicación	<b>1.1-1.5 / 2.1-2.3</b> <b>4.1 / 4.3</b> <b>5.2-5.3 / 7.1</b>																																																													
<b>Ausführung / model / exécution / modello / modelo</b>	TIN TS																																																													
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM																																																													
<b>Gewindetoleranz / thread tolerance / tolérance du filetage /</b> tolleranza di filettatura / tolerancia de la rosca	6HX																																																													
<b>Schafttoleranz / shank tolerance / tolérance de queue /</b> tolleranza del gambo / tolerancia del mango	h6																																																													
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3																																																													
<table border="1" data-bbox="207 1201 831 1967"> <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 2,5</td> <td>0,45</td> <td>68</td> <td>12</td> <td>25</td> <td>6</td> <td>4,9</td> <td>2,3</td> <td>056826</td> </tr> <tr> <td>M 3</td> <td>0,5</td> <td>68</td> <td>12</td> <td>25</td> <td>6</td> <td>4,9</td> <td>2,8</td> <td>056827</td> </tr> <tr> <td>M 4</td> <td>0,7</td> <td>68</td> <td>12</td> <td>25</td> <td>6</td> <td>4,9</td> <td>3,7</td> <td>056828</td> </tr> <tr> <td>M 5</td> <td>0,8</td> <td>68</td> <td>12</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,65</td> <td>056830</td> </tr> <tr> <td>M 6</td> <td>1</td> <td>68</td> <td>12</td> <td>25</td> <td>6</td> <td>4,9</td> <td>5,55</td> <td>056831</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 2,5	0,45	68	12	25	6	4,9	2,3	056826	M 3	0,5	68	12	25	6	4,9	2,8	056827	M 4	0,7	68	12	25	6	4,9	3,7	056828	M 5	0,8	68	12	25	6	4,9	4,65	056830	M 6	1	68	12	25	6	4,9	5,55	056831								
$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación																																																						
M 2,5	0,45	68	12	25	6	4,9	2,3	056826																																																						
M 3	0,5	68	12	25	6	4,9	2,8	056827																																																						
M 4	0,7	68	12	25	6	4,9	3,7	056828																																																						
M 5	0,8	68	12	25	6	4,9	4,65	056830																																																						
M 6	1	68	12	25	6	4,9	5,55	056831																																																						

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DURAMAX 2 NB</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> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application</b> adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1			
<b>Ausführung / model / exécution / modello / modelo</b>	TIN TS			
<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>	C / 2-3			

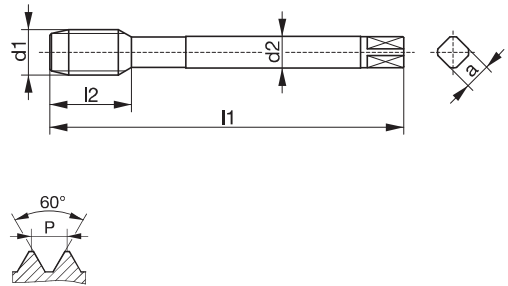






Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
M	8	1,25	68	12	-	6	4,9	7,45	056832
M	10	1,5	68	12	-	6	4,9	9,35	056833


Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	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</p> <p><b>~DIN 371</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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	3.1-3.4 / 5.4 8.2-8.3		
<b>Ausführung</b> / model / exécution / modello / modelo	TIN SL	TICN SL		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	6HX		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	C / 2-3		

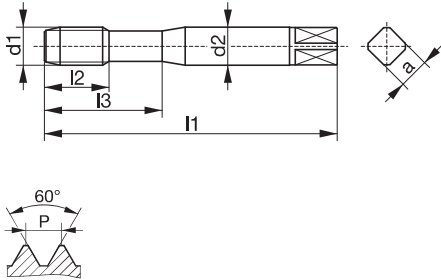









$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
M 3	0,5	100	10	18	3,5	2,7	2,5	024890
M 4	0,7	125	12	21	4,5	3,4	3,3	024891 024716
M 5	0,8	140	14	25	6	4,9	4,2	024892 024718
M 6	1	160	16	30	6	4,9	5	024893 024717
M 8	1,25	180	18	35	8	6,2	6,8	024894 024719
M 10	1,5	200	20	39	10	8	8,5	024895 024720

# Maschinengewindebohrer mit extra langem Schaft

machine taps with extra-long shank / tarauds machine avec queue extra-longue / maschi a macchina con gambo extra-lungo / machos para roscado a máquina con mango extra-largo

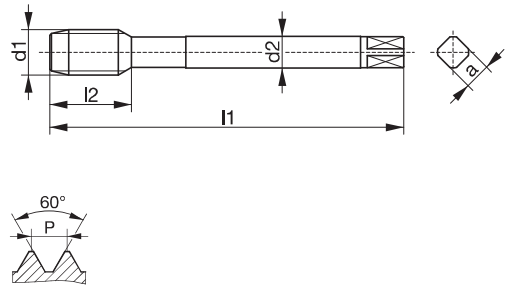




Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIO 2 GG	AVANT 2 H15	
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>~DIN 376</b></p> 				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	3.1-3.4 / 5.4 8.2-8.3	1.2-1.6 3.1-3.4	
Ausführung / model / exécution / modello / modelo	TIN SL	TICN SL	KA HL SL FL	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	6HX	6HX	
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3-5,5	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 6	1	160	16	-	4,5	3,4	5	024904
M 8	1,25	180	18	-	6	4,9	6,8	024905
M 10	1,5	200	20	-	7	5,5	8,5	024906
M 12	1,75	140	24	-	9	7	10,2	037112
M 12	1,75	220	24	-	9	7	10,2	024907 024722
M 14	2	220	25	-	11	9	12	024908
M 16	2	140	28	-	12	9	14	037113
M 16	2	220	27	-	12	9	14	024909 024723
M 18	2,5	190	32	-	14	11	15,5	037114
M 20	2,5	210	32	-	16	12	17,5	037115
M 20	2,5	280	32	-	16	12	17,5	024910
M 24	3	240	36	-	18	14,5	21	037116
M 27	3	240	36	-	20	16	24	037117
M 30	3,5	270	40	-	22	18	26,5	037118
M 33	3,5	270	40	-	25	20	29,5	037119
M 36	4	300	50	-	28	22	32	037120

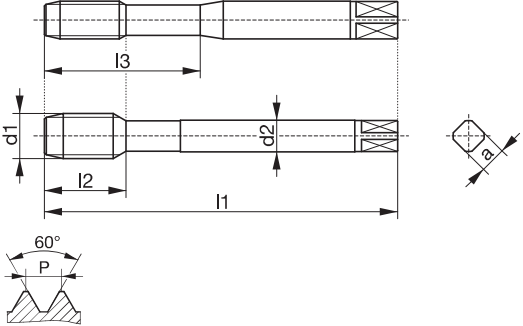




Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DURAMAX 1 N																																																																																																																																		
<p><b>M-Metrisches ISO-Regelgewinde DIN 13</b> ISO Metric coarse thread DIN 13 Filetage métrique ISO DIN 13 Filettatura metrica ISO DIN 13 Rosca métrica ISO DIN 13</p> <p><b>~DIN 371</b></p> 																																																																																																																																					
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																																																																																																		
<b>Ausführung</b> / model / exécution / modello / modelo	SL	HL SL	TIN SL																																																																																																																																		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	6HX																																																																																																																																		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9																																																																																																																																		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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</td><td>3</td><td>0,5</td><td>100</td><td>10</td><td>18</td><td>3,5</td><td>2,7</td><td>2,8</td><td>024901</td></tr> <tr><td>M</td><td>3</td><td>0,5</td><td>100</td><td>7</td><td>18</td><td>3,5</td><td>2,7</td><td>2,5</td><td>033431 024896</td></tr> <tr><td>M</td><td>4</td><td>0,7</td><td>125</td><td>12</td><td>21</td><td>4,5</td><td>3,4</td><td>3,7</td><td>005028</td></tr> <tr><td>M</td><td>4</td><td>0,7</td><td>125</td><td>8</td><td>21</td><td>4,5</td><td>3,4</td><td>3,3</td><td>038702 024897</td></tr> <tr><td>M</td><td>5</td><td>0,8</td><td>140</td><td>14</td><td>25</td><td>6</td><td>4,9</td><td>4,65</td><td>024225</td></tr> <tr><td>M</td><td>5</td><td>0,8</td><td>140</td><td>9</td><td>25</td><td>6</td><td>4,9</td><td>4,2</td><td>710204 024898</td></tr> <tr><td>M</td><td>6</td><td>1</td><td>160</td><td>10</td><td>30</td><td>6</td><td>4,9</td><td>5</td><td>031413 017486</td></tr> <tr><td>M</td><td>6</td><td>1</td><td>160</td><td>16</td><td>30</td><td>6</td><td>4,9</td><td>5,55</td><td>024191</td></tr> <tr><td>M</td><td>8</td><td>1,25</td><td>180</td><td>13</td><td>35</td><td>8</td><td>6,2</td><td>6,8</td><td>038703 024899</td></tr> <tr><td>M</td><td>8</td><td>1,25</td><td>180</td><td>18</td><td>35</td><td>8</td><td>6,2</td><td>7,45</td><td>024902</td></tr> <tr><td>M</td><td>10</td><td>1,5</td><td>200</td><td>15</td><td>39</td><td>10</td><td>8</td><td>8,5</td><td>038701 024900</td></tr> <tr><td>M</td><td>10</td><td>1,5</td><td>200</td><td>20</td><td>39</td><td>10</td><td>8</td><td>9,35</td><td>024903</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	100	10	18	3,5	2,7	2,8	024901	M	3	0,5	100	7	18	3,5	2,7	2,5	033431 024896	M	4	0,7	125	12	21	4,5	3,4	3,7	005028	M	4	0,7	125	8	21	4,5	3,4	3,3	038702 024897	M	5	0,8	140	14	25	6	4,9	4,65	024225	M	5	0,8	140	9	25	6	4,9	4,2	710204 024898	M	6	1	160	10	30	6	4,9	5	031413 017486	M	6	1	160	16	30	6	4,9	5,55	024191	M	8	1,25	180	13	35	8	6,2	6,8	038703 024899	M	8	1,25	180	18	35	8	6,2	7,45	024902	M	10	1,5	200	15	39	10	8	8,5	038701 024900	M	10	1,5	200	20	39	10	8	9,35	024903				
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	100	10	18	3,5	2,7	2,8	024901																																																																																																																												
M	3	0,5	100	7	18	3,5	2,7	2,5	033431 024896																																																																																																																												
M	4	0,7	125	12	21	4,5	3,4	3,7	005028																																																																																																																												
M	4	0,7	125	8	21	4,5	3,4	3,3	038702 024897																																																																																																																												
M	5	0,8	140	14	25	6	4,9	4,65	024225																																																																																																																												
M	5	0,8	140	9	25	6	4,9	4,2	710204 024898																																																																																																																												
M	6	1	160	10	30	6	4,9	5	031413 017486																																																																																																																												
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# Maschinengewindebohrer mit extra langem Schaft

machine taps with extra-long shank / tarauds machine avec queue extra-longue / maschi a macchina con gambo extra-lungo / machos para roscado a máquina con mango extra-largo

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	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2		
Ausführung / model / exécution / modello / modelo	SL	HL SL		
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
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 6	1	160	10	-	4,5	3,4	5	038706 024911
M 8	1,25	180	13	-	6	4,9	6,8	038707 024912
M 10	1,5	200	15	-	7	5,5	8,5	038704 024913
M 12	1,75	220	18	-	9	7	10,2	034530 024914
M 14	2	220	20	-	11	9	12	038705 024915
M 16	2	220	20	-	12	9	14	030041 024916
M 20	2,5	280	25	-	16	12	17,5	037252 024917

Typenbezeichnung / type / type / tipo / tipo	HGB 1 WM 3S	HGB 2 WM 3S		
<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 352</b> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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 / 9.1-9.2 9.4		
<b>Ausführung</b> / model / exécution / modello / modelo	Satz / set / jeu	Satz / set / jeu		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	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	40	10	18	3,5	2,7	2,5	004816
M 4	0,7	45	12	21	4,5	3,4	3,3	004817
M 5	0,8	50	14	25	6	4,9	4,2	004818
M 6	1	56	16	27	6	4,9	5	004819
M 8	1,25	63	18	-	6	4,9	6,8	004820
M 10	1,5	70	20	-	7	5,5	8,5	004810
M 12	1,75	75	24	-	9	7	10,2	004811
M 16	2	80	27	-	12	9	14	004813
M 20	2,5	95	32	-	16	12	17,5	004815

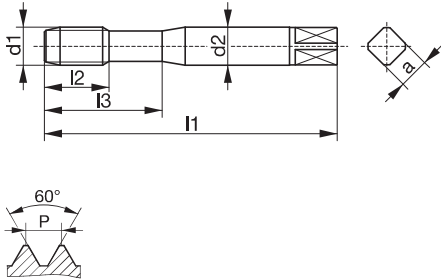







**AVANT KA HL SL FL** S./p. 65

**AVANT H25 HL** S./p. 30-32, 74, 83



MF

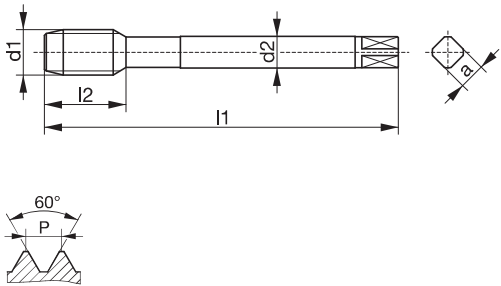











Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	DOMINANT 1 VA45		
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 371</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2		
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	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	4	0,5	63	8	21	4,5	3,4	3,5	024725	
M	5	0,5	70	9	25	6	4,9	4,5	024726	024731
M	6	0,5	80	10	30	6	4,9	5,5	024727	
M	6	0,75	80	10	30	6	4,9	5,2		024733
M	6	0,75	80	16	30	6	4,9	5,2	024728	
M	7	0,75	80	14	30	7	5,5	6,2	013489	

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 N	DURAMAX 1 H	DURAMAX 1 H	DURAMAX 1 GAL
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b>                      ISO Metric fine thread DIN 13                      Filetage métrique ISO à pas fin DIN 13                      Filettatura metrica ISO passo fine DIN 13                      Rosca métrica fina ISO DIN 13</p> <p><b>DIN 2174</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 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	1.4-1.5 / 5.1-5.3 7.1
Ausführung / model / exécution / modello / modelo	TIN	BT	KA BT	MKA BT MG
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	E / 1,5-2	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 4	0,5	63	8	21	4,5	3,4	3,8	002238
M 5	0,5	70	9	25	6	4,9	4,8	106592
M 6	0,5	80	10	30	6	4,9	5,8	106593
M 6	0,75	80	14	30	6	4,9	5,65	106594
M 8	1	90	13	35	8	6,2	7,55	059626
M 8	1	90	18	35	8	6,2	7,55	060199 066777
M 9	1	90	13	35	9	7	8,55	059631
M 10	1	90	12	39	10	8	9,55	059634
M 10	1	90	18	39	10	8	9,55	054868 066781
M 10	1,25	90	18	39	10	8	9,45	060200

MF

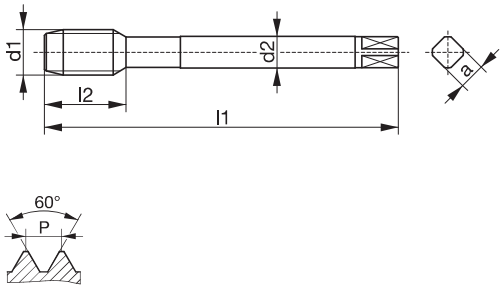











Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 H	VARIANT 2 VA	VARIANT 2 VA	VARIANT 2 TIH																																																																																																																																																																		
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</b></p> 																																																																																																																																																																						
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																																						
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.3-1.6 / 3.2-3.4 4.5 / 5.4	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 / 4.1-4.3 5.2-5.3	1.4-1.7 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1																																																																																																																																																																		
<b>Ausführung</b> / model / exécution / modello / modelo	TICN	TIN	HL	TICN																																																																																																																																																																		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H	6HX																																																																																																																																																																		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9	h6																																																																																																																																																																		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	B / 3-5,5	B / 3-5,5																																																																																																																																																																		
<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 8</td> <td>1</td> <td>90</td> <td>18</td> <td>-</td> <td>6</td> <td>4,9</td> <td>7</td> <td>004092 043044</td> </tr> <tr> <td>M 10</td> <td>1</td> <td>90</td> <td>18</td> <td>-</td> <td>7</td> <td>5,5</td> <td>9</td> <td>000536 004093 043043 033748</td> </tr> <tr> <td>M 10</td> <td>1,25</td> <td>100</td> <td>20</td> <td>-</td> <td>7</td> <td>5,5</td> <td>8,8</td> <td>010324 048899</td> </tr> <tr> <td>M 12</td> <td>0,75</td> <td>100</td> <td>20</td> <td>-</td> <td>9</td> <td>7</td> <td>11,2</td> <td>048900</td> </tr> <tr> <td>M 12</td> <td>1</td> <td>100</td> <td>20</td> <td>-</td> <td>9</td> <td>7</td> <td>11</td> <td>042020</td> </tr> <tr> <td>M 12</td> <td>1,25</td> <td>100</td> <td>22</td> <td>-</td> <td>9</td> <td>7</td> <td>10,8</td> <td>010325 034630</td> </tr> <tr> <td>M 12</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>9</td> <td>7</td> <td>10,5</td> <td>108611 004094 048868 011138</td> </tr> <tr> <td>M 14</td> <td>1</td> <td>100</td> <td>22</td> <td>-</td> <td>11</td> <td>9</td> <td>13</td> <td>044423</td> </tr> <tr> <td>M 14</td> <td>1,25</td> <td>100</td> <td>22</td> <td>-</td> <td>11</td> <td>9</td> <td>12,8</td> <td>048901</td> </tr> <tr> <td>M 14</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>11</td> <td>9</td> <td>12,5</td> <td>108613 004095 048902 011139</td> </tr> <tr> <td>M 16</td> <td>1</td> <td>100</td> <td>22</td> <td>-</td> <td>12</td> <td>9</td> <td>15</td> <td>039590</td> </tr> <tr> <td>M 16</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>12</td> <td>9</td> <td>14,5</td> <td>108614 004096 038216 029718</td> </tr> <tr> <td>M 18</td> <td>1,5</td> <td>110</td> <td>25</td> <td>-</td> <td>14</td> <td>11</td> <td>16,5</td> <td>019500 038217 030926</td> </tr> <tr> <td>M 20</td> <td>1</td> <td>125</td> <td>25</td> <td>-</td> <td>16</td> <td>12</td> <td>19</td> <td>038285</td> </tr> <tr> <td>M 20</td> <td>1,5</td> <td>125</td> <td>25</td> <td>-</td> <td>16</td> <td>12</td> <td>18,5</td> <td>019347 038218 029217</td> </tr> <tr> <td>M 22</td> <td>1,5</td> <td>125</td> <td>25</td> <td>-</td> <td>18</td> <td>14,5</td> <td>20,5</td> <td>026304 038219</td> </tr> <tr> <td>M 24</td> <td>1,5</td> <td>140</td> <td>28</td> <td>-</td> <td>18</td> <td>14,5</td> <td>22,5</td> <td>024793 048903</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 8	1	90	18	-	6	4,9	7	004092 043044	M 10	1	90	18	-	7	5,5	9	000536 004093 043043 033748	M 10	1,25	100	20	-	7	5,5	8,8	010324 048899	M 12	0,75	100	20	-	9	7	11,2	048900	M 12	1	100	20	-	9	7	11	042020	M 12	1,25	100	22	-	9	7	10,8	010325 034630	M 12	1,5	100	22	-	9	7	10,5	108611 004094 048868 011138	M 14	1	100	22	-	11	9	13	044423	M 14	1,25	100	22	-	11	9	12,8	048901	M 14	1,5	100	22	-	11	9	12,5	108613 004095 048902 011139	M 16	1	100	22	-	12	9	15	039590	M 16	1,5	100	22	-	12	9	14,5	108614 004096 038216 029718	M 18	1,5	110	25	-	14	11	16,5	019500 038217 030926	M 20	1	125	25	-	16	12	19	038285	M 20	1,5	125	25	-	16	12	18,5	019347 038218 029217	M 22	1,5	125	25	-	18	14,5	20,5	026304 038219	M 24	1,5	140	28	-	18	14,5	22,5	024793 048903				
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	90	18	-	6	4,9	7	004092 043044																																																																																																																																																														
M 10	1	90	18	-	7	5,5	9	000536 004093 043043 033748																																																																																																																																																														
M 10	1,25	100	20	-	7	5,5	8,8	010324 048899																																																																																																																																																														
M 12	0,75	100	20	-	9	7	11,2	048900																																																																																																																																																														
M 12	1	100	20	-	9	7	11	042020																																																																																																																																																														
M 12	1,25	100	22	-	9	7	10,8	010325 034630																																																																																																																																																														
M 12	1,5	100	22	-	9	7	10,5	108611 004094 048868 011138																																																																																																																																																														
M 14	1	100	22	-	11	9	13	044423																																																																																																																																																														
M 14	1,25	100	22	-	11	9	12,8	048901																																																																																																																																																														
M 14	1,5	100	22	-	11	9	12,5	108613 004095 048902 011139																																																																																																																																																														
M 16	1	100	22	-	12	9	15	039590																																																																																																																																																														
M 16	1,5	100	22	-	12	9	14,5	108614 004096 038216 029718																																																																																																																																																														
M 18	1,5	110	25	-	14	11	16,5	019500 038217 030926																																																																																																																																																														
M 20	1	125	25	-	16	12	19	038285																																																																																																																																																														
M 20	1,5	125	25	-	16	12	18,5	019347 038218 029217																																																																																																																																																														
M 22	1,5	125	25	-	18	14,5	20,5	026304 038219																																																																																																																																																														
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MF

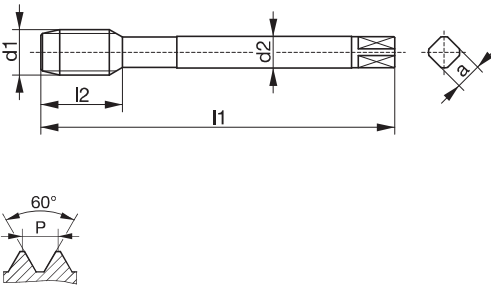


Typenbezeichnung / type / type / tipo / tipo	VARIO 2 GG	VARIO 2 GG	VARIO 2 GG	AVANT 2 H15
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b>                      ISO Metric fine thread DIN 13                      Filetage métrique ISO à pas fin DIN 13                      Filettatura metrica ISO passo fine DIN 13                      Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</b></p>				
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	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4
Ausführung / model / exécution / modello / modelo	TICN	KA TICN	KA BT	TICN
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	ISO2/6H
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6	h6	h9
Anschnitt / chamfer / entrée / imbocco / entrada	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 10	1	90	18	-	7	5,5	9	105245 003050 065408 107908
M 12	1,5	100	22	-	9	7	10,5	002495 004188 710112 107912
M 14	1,5	100	22	-	11	9	12,5	105249 004189 066776 107913
M 16	1,5	100	22	-	12	9	14,5	004187 004190 065503 107914
M 18	1,5	110	25	-	14	11	16,5	107916
M 20	1,5	125	25	-	16	12	18,5	107917

MF

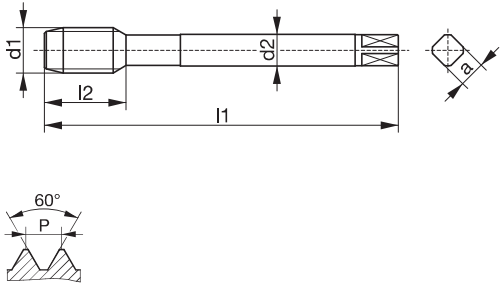











Typenbezeichnung / type / type / tipo / tipo	AVANT 2 H15	AVANT 2 H25	AVANT 2 GAL15	AVANT 2 GAL15																																																																																																																																																
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</b></p> 																																																																																																																																																				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.4-1.6 / 3.1-3.4 4.3-4.6 / 5.4	1.2-1.6 / 2.1-2.3 3.2 / 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																																																																																																																																																
<b>Ausführung</b> / model / exécution / modello / modelo	KA TICN	HL	KA TICN	KA TICN																																																																																																																																																
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	VHM																																																																																																																																																
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	6HX	6HX	6HX																																																																																																																																																
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h6	h6																																																																																																																																																
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	E / 1,5-2	E / 1,5-2	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 8</td> <td>1</td> <td>90</td> <td>13</td> <td>-</td> <td>6</td> <td>4,9</td> <td>7</td> <td>035803</td> </tr> <tr> <td>M 10</td> <td>1</td> <td>90</td> <td>12</td> <td>-</td> <td>7</td> <td>5,5</td> <td>9</td> <td>035804</td> </tr> <tr> <td>M 10</td> <td>1</td> <td>90</td> <td>18</td> <td>-</td> <td>7</td> <td>5,5</td> <td>9</td> <td>004099</td> </tr> <tr> <td>M 10</td> <td>1,25</td> <td>100</td> <td>15</td> <td>-</td> <td>7</td> <td>5,5</td> <td>8,8</td> <td>036977</td> </tr> <tr> <td>M 12</td> <td>1,25</td> <td>100</td> <td>15</td> <td>-</td> <td>9</td> <td>7</td> <td>10,8</td> <td>036978</td> </tr> <tr> <td>M 12</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>9</td> <td>7</td> <td>10,5</td> <td>035805</td> </tr> <tr> <td>M 12</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>9</td> <td>7</td> <td>10,5</td> <td>036979</td> </tr> <tr> <td>M 12</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>9</td> <td>7</td> <td>10,5</td> <td>004100</td> </tr> <tr> <td>M 14</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>11</td> <td>9</td> <td>12,5</td> <td>039298</td> </tr> <tr> <td>M 14</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>11</td> <td>9</td> <td>12,5</td> <td>036980</td> </tr> <tr> <td>M 14</td> <td>1,5</td> <td>100</td> <td>22</td> <td>-</td> <td>11</td> <td>9</td> <td>12,5</td> <td>111730</td> </tr> <tr> <td>M 16</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>12</td> <td>9</td> <td>14,5</td> <td>039777</td> </tr> <tr> <td>M 16</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>12</td> <td>9</td> <td>14,5</td> <td>035806</td> </tr> <tr> <td>M 16</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>12</td> <td>9</td> <td>14,5</td> <td>036981</td> </tr> <tr> <td>M 16</td> <td>1,5</td> <td>100</td> <td>15</td> <td>-</td> <td>12</td> <td>9</td> <td>14,5</td> <td>039778</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 8	1	90	13	-	6	4,9	7	035803	M 10	1	90	12	-	7	5,5	9	035804	M 10	1	90	18	-	7	5,5	9	004099	M 10	1,25	100	15	-	7	5,5	8,8	036977	M 12	1,25	100	15	-	9	7	10,8	036978	M 12	1,5	100	15	-	9	7	10,5	035805	M 12	1,5	100	22	-	9	7	10,5	036979	M 12	1,5	100	22	-	9	7	10,5	004100	M 14	1,5	100	15	-	11	9	12,5	039298	M 14	1,5	100	22	-	11	9	12,5	036980	M 14	1,5	100	22	-	11	9	12,5	111730	M 16	1,5	100	15	-	12	9	14,5	039777	M 16	1,5	100	15	-	12	9	14,5	035806	M 16	1,5	100	15	-	12	9	14,5	036981	M 16	1,5	100	15	-	12	9	14,5	039778				
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MF

<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p>	<p><b>AVANT 2 TIH13</b></p>			
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b>                  ISO Metric fine thread DIN 13                  Filetage métrique ISO à pas fin DIN 13                  Filettatura metrica ISO passo fine DIN 13                  Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</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><b>1.5-1.6 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1</b></p>			
<p><b>Ausführung / model / exécution / modello / modelo</b></p>	<p>TICN</p>			
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>	<p>HSSE-PM</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>			

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M 14	1,5	100	22	-	11	9	12,5	031464
M 16	1,5	100	22	-	12	9	14,5	676053
M 18	1,5	110	25	-	14	11	16,5	038384
M 20	1,5	125	25	-	16	12	18,5	038385

MF

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 HZ38																																																																																																																																																																																															
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</b></p> 																																																																																																																																																																																																			
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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4	1.2-1.5 / 2.1-2.3 3.2-3.4																																																																																																																																																																																															
<b>Ausführung</b> / model / exécution / modello / modelo		TIN	HL	KA HL																																																																																																																																																																																															
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																																															
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	ISO2/6H	ISO2/6H	ISO2/6H	ISO2/6H																																																																																																																																																																																															
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																																																																															
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	E / 1,5-2																																																																																																																																																																																															
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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																																																																																																																																																																																											
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M	12	1	100	15	-	9	7	11	111422		048907																																																																																																																																																																																								
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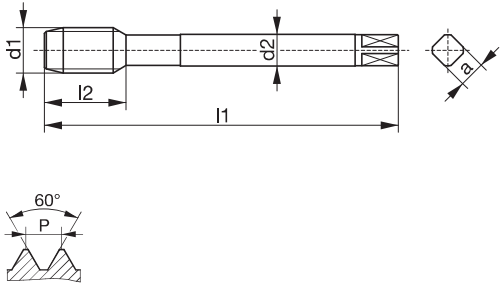











MF

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 VA45	DOMINANT 2 VA45	DOMINANT 2 VA45	
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b>                      ISO Metric fine thread DIN 13                      Filetage métrique ISO à pas fin DIN 13                      Filettatura metrica ISO passo fine DIN 13                      Rosca métrica fina ISO DIN 13</p> <p><b>DIN 374</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	1.1-1.6 / 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 3.1-3.4 / 5.1-5.3 7.1-7.2	
Ausführung / model / exécution / modello / modelo		TIN	HL	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
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
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M 10	1	90	12	-	7	5,5	9	024796 019482 023357
M 10	1,25	100	15	-	7	5,5	8,8	024797 024813 027465
M 12	1	100	15	-	9	7	11	024798 024814 036339
M 12	1,25	100	15	-	9	7	10,8	024799 024815 034629
M 12	1,5	100	15	-	9	7	10,5	024800 019493 023358
M 14	1	100	15	-	11	9	13	024801 024816 027337
M 14	1,5	100	15	-	11	9	12,5	024802 021639 021645
M 16	1	100	15	-	12	9	15	024803 109982 036338
M 16	1,5	100	15	-	12	9	14,5	024804 023354 023359
M 18	1,5	110	18	-	14	11	16,5	024806 024817 027875
M 20	1	125	18	-	16	12	19	024807 024450 036343
M 20	1,5	125	18	-	16	12	18,5	024808 023355 023360
M 22	1,5	125	18	-	18	14,5	20,5	024809 024818 036340
M 24	1,5	140	20	-	18	14,5	22,5	024810 024819 035828
M 26	1,5	140	20	-	18	14,5	24,5	024811 029495 035627



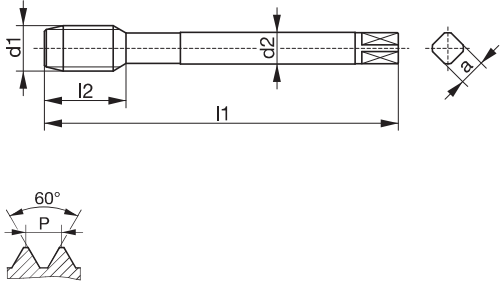


MF


Typenbezeichnung / type / type / tipo / tipo	DURAMAX 2 N	DURAMAX 2 N	DURAMAX 2 H	DURAMAX 2 H																																																																																																																																																																																																																																																			
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 2174</b></p> 																																																																																																																																																																																																																																																							
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																																																																																																																																							
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1																																																																																																																																																																																																																																																			
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	TIN	TIN	KA TIN																																																																																																																																																																																																																																																			
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																																																																																																																																			
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca	6HX	6GX	6HX	6HX																																																																																																																																																																																																																																																			
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h6	h6																																																																																																																																																																																																																																																			
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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</td><td>8</td><td>1</td><td>90</td><td>18</td><td>-</td><td>6</td><td>4,9</td><td>7,55</td><td>106838</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>10</td><td>1</td><td>90</td><td>18</td><td>-</td><td>7</td><td>5,5</td><td>9,55</td><td>106824</td><td>106804</td><td>024838</td><td>025703</td></tr> <tr><td>M</td><td>10</td><td>1,25</td><td>100</td><td>20</td><td>-</td><td>7</td><td>5,5</td><td>9,45</td><td>106825</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>12</td><td>1</td><td>100</td><td>22</td><td>-</td><td>9</td><td>7</td><td>11,55</td><td>106826</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>12</td><td>1,25</td><td>100</td><td>22</td><td>-</td><td>9</td><td>7</td><td>11,45</td><td>106827</td><td>004244</td><td></td><td></td></tr> <tr><td>M</td><td>12</td><td>1,5</td><td>100</td><td>22</td><td>-</td><td>9</td><td>7</td><td>11,35</td><td>106828</td><td>004245</td><td>024839</td><td>025704</td></tr> <tr><td>M</td><td>14</td><td>1</td><td>100</td><td>22</td><td>-</td><td>11</td><td>9</td><td>13,55</td><td>106829</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>14</td><td>1,5</td><td>100</td><td>22</td><td>-</td><td>11</td><td>9</td><td>13,35</td><td>106830</td><td>106806</td><td>024840</td><td>020658</td></tr> <tr><td>M</td><td>16</td><td>1</td><td>100</td><td>22</td><td>-</td><td>12</td><td>9</td><td>15,55</td><td>106832</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>16</td><td>1,5</td><td>100</td><td>22</td><td>-</td><td>12</td><td>9</td><td>15,35</td><td>106833</td><td>004246</td><td>016834</td><td>025705</td></tr> <tr><td>M</td><td>18</td><td>1</td><td>110</td><td>25</td><td>-</td><td>14</td><td>11</td><td>17,55</td><td>024835</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>18</td><td>1,5</td><td>110</td><td>25</td><td>-</td><td>14</td><td>11</td><td>17,35</td><td>106834</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>20</td><td>1</td><td>125</td><td>25</td><td>-</td><td>16</td><td>12</td><td>19,55</td><td>009208</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>20</td><td>1,5</td><td>125</td><td>25</td><td>-</td><td>16</td><td>12</td><td>19,35</td><td>106835</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>22</td><td>1,5</td><td>125</td><td>25</td><td>-</td><td>18</td><td>14,5</td><td>21,35</td><td>106836</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>24</td><td>1,5</td><td>140</td><td>28</td><td>-</td><td>18</td><td>14,5</td><td>23,35</td><td>012687</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>26</td><td>1,5</td><td>140</td><td>28</td><td>-</td><td>18</td><td>14,5</td><td>25,35</td><td>106837</td><td></td><td></td><td></td></tr> <tr><td>M</td><td>30</td><td>1,5</td><td>150</td><td>28</td><td>-</td><td>22</td><td>18</td><td>29,35</td><td>024837</td><td></td><td></td><td></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	8	1	90	18	-	6	4,9	7,55	106838				M	10	1	90	18	-	7	5,5	9,55	106824	106804	024838	025703	M	10	1,25	100	20	-	7	5,5	9,45	106825				M	12	1	100	22	-	9	7	11,55	106826				M	12	1,25	100	22	-	9	7	11,45	106827	004244			M	12	1,5	100	22	-	9	7	11,35	106828	004245	024839	025704	M	14	1	100	22	-	11	9	13,55	106829				M	14	1,5	100	22	-	11	9	13,35	106830	106806	024840	020658	M	16	1	100	22	-	12	9	15,55	106832				M	16	1,5	100	22	-	12	9	15,35	106833	004246	016834	025705	M	18	1	110	25	-	14	11	17,55	024835				M	18	1,5	110	25	-	14	11	17,35	106834				M	20	1	125	25	-	16	12	19,55	009208				M	20	1,5	125	25	-	16	12	19,35	106835				M	22	1,5	125	25	-	18	14,5	21,35	106836				M	24	1,5	140	28	-	18	14,5	23,35	012687				M	26	1,5	140	28	-	18	14,5	25,35	106837				M	30	1,5	150	28	-	22	18	29,35	024837							
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	90	18	-	6	4,9	7,55	106838																																																																																																																																																																																																																																														
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M	14	1,5	100	22	-	11	9	13,35	106830	106806	024840	020658																																																																																																																																																																																																																																											
M	16	1	100	22	-	12	9	15,55	106832																																																																																																																																																																																																																																														
M	16	1,5	100	22	-	12	9	15,35	106833	004246	016834	025705																																																																																																																																																																																																																																											
M	18	1	110	25	-	14	11	17,55	024835																																																																																																																																																																																																																																														
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M	20	1	125	25	-	16	12	19,55	009208																																																																																																																																																																																																																																														
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M	24	1,5	140	28	-	18	14,5	23,35	012687																																																																																																																																																																																																																																														
M	26	1,5	140	28	-	18	14,5	25,35	106837																																																																																																																																																																																																																																														
M	30	1,5	150	28	-	22	18	29,35	024837																																																																																																																																																																																																																																														

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 2 H	DURAMAX 2 H	DURAMAX 2 GAL	DURAMAX 2 GAL
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b>                      ISO Metric fine thread DIN 13                      Filetage métrique ISO à pas fin DIN 13                      Filettatura metrica ISO passo fine DIN 13                      Rosca métrica fina ISO DIN 13</p> <p><b>DIN 2174</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 4.1 / 4.3 5.1-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1	5.1-5.3 / 7.1	5.1-5.3 / 7.1
Ausführung / model / exécution / modello / modelo	BT	KA BT	MKR HL	MKR AK HL
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6HX	6HX	6HX	6HX
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	E / 1,5-2	E / 1,5-2	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
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M 10	1,25	100	15	-	7	5,5	9,45	037107 037706
M 12	1	100	22	-	9	7	11,55	060201 066782
M 12	1,25	100	15	-	9	7	11,45	037108 037708
M 12	1,25	100	22	-	9	7	11,45	060202
M 12	1,5	100	15	-	9	7	11,35	037109 037710
M 12	1,5	100	22	-	9	7	11,35	055569 066783
M 14	1,5	100	15	-	11	9	13,35	037110 037712
M 14	1,5	100	22	-	11	9	13,35	060260 066784
M 16	1,5	100	15	-	12	9	15,35	037111 037714
M 16	1,5	100	22	-	12	9	15,35	055150 066785
M 18	1,5	110	25	-	14	11	17,35	052934
M 20	1,5	125	25	-	16	12	19,35	060203
M 24	1,5	140	28	-	18	14,5	23,35	060204

MF

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DURAMAX 2 GAL</b>			
<p><b>MF-Metrisches ISO-Feingewinde DIN 13</b> ISO Metric fine thread DIN 13 Filetage métrique ISO à pas fin DIN 13 Filettatura metrica ISO passo fine DIN 13 Rosca métrica fina ISO DIN 13</p> <p><b>DIN 2174</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.4-1.5 / 5.1-5.3 7.1</b>			
<b>Ausführung / model / exécution / modello / modelo</b>	MKA BT MG			
<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			

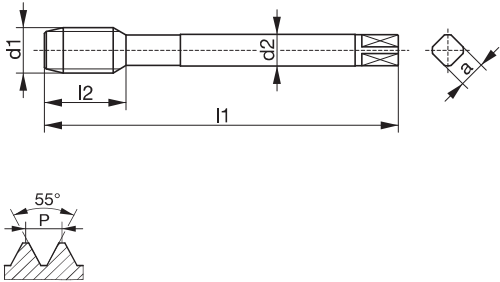









$\text{Ød}_1$	P	$l_1$	$l_2$	$l_3$	$\text{Ød}_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación	
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M	14	1,5	100	15	-	11	9	13,35	059639

# HST SYNCHRO

S./p. 170-189



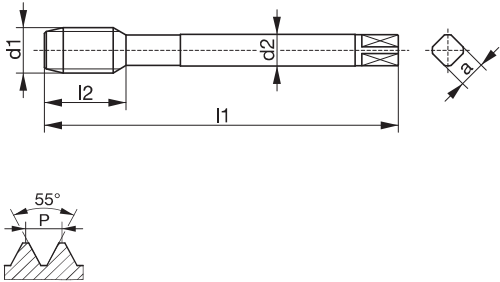











G  
Rp  
Rc

Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 VA	VARIO 2 GG																																																																									
<p><b>G-Rohrgewinde DIN EN ISO 228</b> British standard pipe thread DIN EN ISO 228 Filetage pas du gaz DIN EN ISO 228 Filettatura Whitworth gas DIN EN ISO 228 Rosca para tubo norma británica DIN EN ISO 228</p> <p><b>DIN 5156</b></p> 																																																																												
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																												
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3																																																																									
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL	TICN																																																																									
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM																																																																									
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / toleranza di filettatura / tolerancia de la rosca																																																																												
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / toleranza del gambo / tolerancia del mango	h9	h9	h9																																																																									
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3																																																																									
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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																																																																				
G 1/8"	28	90	18	-	7	5,5	8,8	005191 038737 105288																																																																				
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Typenbezeichnung / type / type / tipo / tipo	AVANT 2 H15	AVANT 2 H25	DOMINANT 2 HZ38	DOMINANT 2 HZ38																																																																																																			
<p><b>G-Rohrgewinde DIN EN ISO 228</b>                      British standard pipe thread DIN EN ISO 228                      Filetage pas du gaz DIN EN ISO 228                      Filettatura Whitworth gas DIN EN ISO 228                      Rosca para tubo norma británica DIN EN ISO 228</p> <p><b>DIN 5156</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	1.2-1.6 / 2.1-2.3 3.2 / 4.2-4.3 5.1-5.3	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 4.1 4.3 / 4.5																																																																																																			
Ausführung / model / exécution / modello / modelo		HL		TIN																																																																																																			
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																			
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Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																			
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	E / 1,5-2	C / 2-3	C / 2-3																																																																																																			
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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																																																																																															
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G 3/8"	19	100	15	-	12	9	15,25	043469 111478 111487																																																																																															
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G 1/2"	14	125	18	-	16	12	19	043470 111474 111483																																																																																															
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G  
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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 VA45	DOMINANT 2 VA45	DOMINANT 2 VA45																																																																								
<p><b>G-Rohrgewinde DIN EN ISO 228</b> British standard pipe thread DIN EN ISO 228 Filetage pas du gaz DIN EN ISO 228 Filettatura Whitworth gas DIN EN ISO 228 Rosca para tubo norma británica DIN EN ISO 228</p> <p><b>DIN 5156</b></p> 																																																																												
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																												
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 2.1-2.3 3.2-3.4	1.3-1.5 / 4.3 4.5 / 5.1-5.3 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 3.1-3.4 / 5.1-5.3 7.1-7.2																																																																								
<b>Ausführung</b> / model / exécution / modello / modelo	HL		TIN	HL																																																																								
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																								
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca																																																																												
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																								
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3	C / 2-3	C / 2-3																																																																								
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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																																																																				
G 1/8"	28	90	12	-	7	5,5	8,8	036288 024849 024856 026956																																																																				
G 1/4"	19	100	15	-	11	9	11,8	043785 024850 024857 026957																																																																				
G 3/8"	19	100	15	-	12	9	15,25	048937 024851 024858 026958																																																																				
G 1/2"	14	125	18	-	16	12	19	048924 024852 024859 026959																																																																				
G 5/8"	14	125	18	-	18	14,5	21	048938 024860 038377																																																																				
G 3/4"	14	140	20	-	20	16	24,5	048936 024854 024861 032554																																																																				
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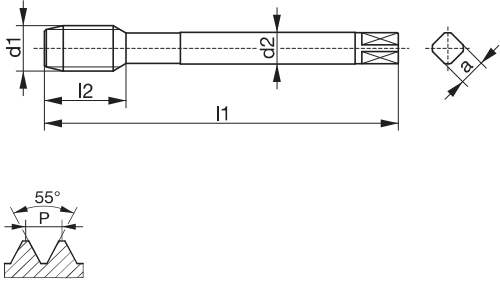


G  
Rp  
Rc


Typenbezeichnung / type / type / tipo / tipo	DURAMAX 2 N	DURAMAX 2 H		
<p><b>G-Rohrgewinde DIN EN ISO 228</b>                      British standard pipe thread DIN EN ISO 228                      Filetage pas du gaz DIN EN ISO 228                      Filettatura Whitworth gas DIN EN ISO 228                      Rosca para tubo norma británica DIN EN ISO 228</p> <p><b>DIN 2189</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 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1		
Ausführung / model / exécution / modello / modelo	TIN	BT		
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca				
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
G 1/8"	28	90	18	-	7	5,5	9,25	106866 066786
G 1/4"	19	100	20	-	11	9	12,5	066787
G 1/4"	19	100	22	-	11	9	12,5	106865
G 3/8"	19	100	22	-	12	9	16	106868 066789
G 1/2"	14	125	25	-	16	12	20	106864 066820
G 5/8"	14	125	25	-	18	14,5	22	066821
G 3/4"	14	140	28	-	20	16	25,5	106867 066822
G 1"	11	160	30	-	25	20	32	024215 066823



G  
Rp  
Rc

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>Rp-Zylindrisches Rohrgewinde DIN EN 10226-1</b> British standard pipe thread DIN EN 10226-1 Filetage Whitworth cylindrique DIN EN 10226-1 Filettatura cilindrica interna Whitworth DIN EN 10226-1 Rosca cilíndrica interna para tubo norma británica Whitworth DIN EN 10226-1</p> <p><b>DIN 5156</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza 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		<b>Identnummer</b> / identification number / code article / codice / número de identificación
Rp 1/8"	28	90	16	-	7	5,5	8,6	110032
Rp 1/4"	19	100	22	-	11	9	11,5	110031
Rp 3/8"	19	100	22	-	12	9	15	110036
Rp 1/2"	14	125	25	-	16	12	18,5	110030
Rp 3/4"	14	140	28	-	20	16	24	110035
Rp 1"	11	160	30	-	25	20	30,25	110027
Rp 1.1/4"	11	170	30	-	32	24	39	110029
Rp 1.1/2"	11	190	32	-	36	29	44,85	110028

G  
Rp  
Rc

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>	<b>VARIO 2 H</b>		
<p><b>Rc-Kegeliges Rohrgewinde DIN EN 10226-2 und ISO 7/1 kegelig 1:16</b>                  Whitworth-Pipe thread DIN EN 10226-2 and ISO 7/1 tapered 1:16                  Filetage pas du gaz Whitworth DIN EN 10226-2 et ISO 7/1 conique 1:16                  Filettatura conica Whitworth DIN EN 10226-2 e ISO 7/1 conico 1:16                  Rosca cónica Whitworth DIN EN 10226-2 e ISO 7/1 cónico 1:16</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>	<b>1.2-1.3 / 5.2</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>				
<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		

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
Rc 1/8"	28	90	13	-	7	5,5	8,3	110044	110057
Rc 1/4"	19	100	20	-	11	9	11,1	110043	110056
Rc 3/8"	19	110	20	-	12	9	14,5	110047	110059
Rc 1/2"	14	125	26	-	16	12	18	110042	110055
Rc 3/4"	14	140	26	-	20	16	23,5	110046	110058
Rc 1"	11	150	32	-	25	20	29,75	110039	110054

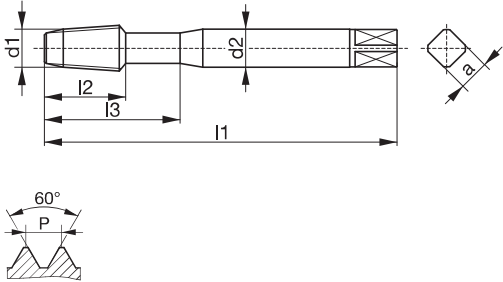





Typenbezeichnung / type / type / tipo / tipo	VARIO 2 N	VARIO 2 HZ	AVANT 2 VA15	
<p><b>NPT-Amerikanisches Standard Rohrgewinde ASME B1.20.1 kegelig 1:16</b>                      American standard taper pipe thread ASME B1.20.1 tapered 1:16                      Filetage conique américain tube ASME B1.20.1 conique 1:16                      Filettatura conica americana ASME B1.20.1 conico 1:16                      Rosca cónica para tubo norma americana ASME B1.20.1 cónico 1:16</p>				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 4.2 5.1-5.3	1.1-1.5 / 2.1-2.3 3.1-3.3 / 4.4 5.1-5.3	1.1-1.5 / 2.1-2.3 3.1-3.3 / 4.1-4.5	
Ausführung / model / exécution / modello / modelo		AZ TIN	VAP	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca				
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	

NPT  
NPTF  
NPSM  
NPSF

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
NPT 1/16"	27	80	13	-	6	4,9	6,15	104417
NPT 1/8"	27	90	13	-	7	5,5	8,4	104420
NPT 1/4"	18	100	23	-	11	9	11,1	104419
NPT 3/8"	18	110	20	-	12	9	14,3	104424
NPT 1/2"	14	125	26	-	16	12	17,9	104418
NPT 1/2"	14	125	26	-	18	14,4	17,9	111347 107956
NPT 3/4"	14	140	26	-	20	16	23,2	104423
NPT 3/4"	14	140	26	-	22	18	23,2	111350 107960
NPT 1"	11,5	150	32	-	25	20	29	104414
NPT 1"	11,5	150	32	-	28	22	29	111344 107952
NPT 1.1/4"	11,5	160	32	-	32	24	37,7	104416 107954
NPT 1.1/2"	11,5	160	32	-	36	29	44	107953
NPT 1.1/2"	11,5	180	32	-	36	29	44	104415

NPT  
NPTF  
NPSM  
NPSF

<b>Typenbezeichnung / type / type / tipo / tipo</b>		<b>AVANT 1 VA15</b>		
<p><b>NPTF-Amerikanisches Standard Rohrgewinde ASME B1.20.3 kegelig 1:16</b>          American standard taper pipe thread ASME B1.20.3 tapered 1:16          Filetage conique américain tube ASME B1.20.3 conique 1:16          Filettatura conica americana ASME B1.20.3 conico 1:16          Rosca cónica para tubo norma americana          ASME B1.20.3 cónico 1:16</p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>		<b>1.1-1.5 / 2.1-2.3 3.1-3.3 / 4.1-4.5</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>		h9		
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>		C / 2-3		

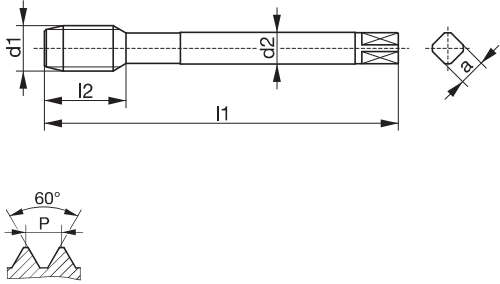


$\text{Ød}_1$	P	$l_1$	$l_2$	$l_3$	$\text{Ød}_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación
NPTF 1/16"	27	80	13	-	8	6,2	6,1	107973
NPTF 1/8"	27	90	13	-	11	9	8,4	107976
NPTF 1/4"	18	100	22	-	14	11	11	107975
NPTF 3/8"	18	110	20	-	16	12	14,3	107979


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>	<b>AVANT 2 VA15</b>		
<p><b>NPTF-Amerikanisches Standard Rohrgewinde ASME B1.20.3 kegelig 1:16</b>                  American standard taper pipe thread ASME B1.20.3 tapered 1:16                  Filetage conique américain tube ASME B1.20.3 conique 1:16                  Filettatura conica americana ASME B1.20.3 conico 1:16                  Rosca cónica para tubo norma americana ASME B1.20.3 cónico 1:16</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>	<b>1.1-1.5 / 2.1-2.3 3.1-3.3 / 4.1-4.5</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		VAP		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>				
<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		

NPT  
NPTF  
NPSM  
NPSF

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
NPTF 1/8"	27	90	13	-	7	5,5	8,4	104433
NPTF 1/4"	18	100	20	-	11	9	11,1	104432
NPTF 3/8"	18	110	20	-	12	9	14,3	104436
NPTF 1/2"	14	125	26	-	16	12	17,6	104431
NPTF 1/2"	14	125	26	-	18	14,4	17,6	107974
NPTF 3/4"	14	140	26	-	20	16	23	104435
NPTF 3/4"	14	140	26	-	22	18	23	107978
NPTF 1"	11,5	150	32	-	28	22	29	107970

NPT  
NPTF  
NPSM  
NPSF

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>NPSM-Gewinde ASME B1.20.1</b> American standard straight pipe thread ASME B1.20.1 Filetage pas du gaz cylindrique américain ASME B1.20.1 Filettatura gas cilindrica americana ASME B1.20.1 Rosca de tubo recta norma americana ASME B1.20.1</p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3			

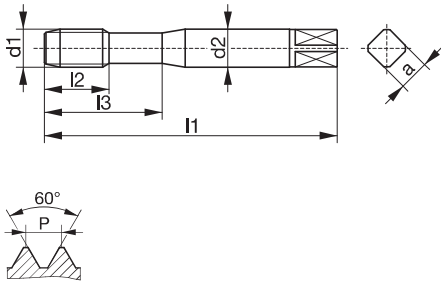






$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación
NPSM 1/8"	- 27	90	16	-	7	5,5	9,1	109775
NPSM 1/4"	- 18	100	22	-	11	9	12	109774
NPSM 3/8"	- 18	100	22	-	12	9	15,5	109778
NPSM 1/2"	- 14	125	25	-	16	12	19	109773
NPSM 3/4"	- 14	140	28	-	20	16	24,5	109777

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>NPSF-Gewinde ASME B1.20.3</b>                  Thread ASME B1.20.3                  Filetage ASME B1.20.3                  Filettatura ASME B1.20.3                  Rosca ASME B1.20.3</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3			

NPT  
NPTF  
NPSM  
NPSF

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
NPSF 1/8"	- 27	90	16	-	7	5,5	8,7	108935
NPSF 1/4"	- 18	100	22	-	11	9	11,3	108934
NPSF 3/8"	- 18	100	22	-	12	9	14,75	108937
NPSF 1/2"	- 14	125	25	-	16	12	18,25	108933
NPSF 3/4"	- 14	140	28	-	20	16	23,5	108936



Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	VARIANT 1 VA	VARIO 1 GG	
<p><b>UNC-Grobgewinde ASME B1.1</b> Unified coarse thread ASME B1.1 Filetage américain à pas gros ASME B1.1 Filettatura grossa unificata ASME B1.1 Rosca unificada gruesa ASME B1.1</p> <p>~DIN 371</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3	
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL	TICN	
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2BX	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3	

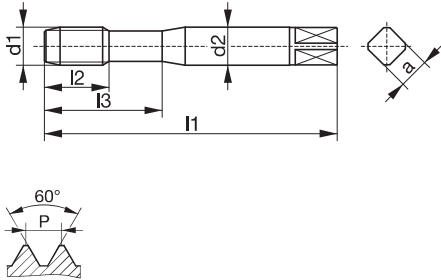











UNC  
UNF  
UNEF  
UN

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
UNC No4	- 40	56	10	18	3,5	2,7	2,35	035006
UNC No5	- 40	56	10	18	3,5	2,7	2,65	052275
UNC No6	- 32	56	11	20	4	3	2,85	032247
UNC No8	- 32	63	12	21	4,5	3,4	3,5	040512
UNC No10	- 24	70	14	25	6	4,9	3,9	005222 045660
UNC No12	- 24	80	16	30	6	4,9	4,5	048939
UNC 1/4"	- 20	80	16	30	7	5,5	5,1	005223 042477 038709
UNC 5/16"	- 18	90	18	35	8	6,2	6,6	005224 042478 029297
UNC 3/8"	- 16	100	20	39	10	8	8	005225 045663 025300

Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 VA	VARIO 2 GG	
<p><b>UNC-Grobgewinde ASME B1.1</b>                      Unified coarse thread ASME B1.1                      Filetage américain à pas gros ASME B1.1                      Filettatura grossa unificata ASME B1.1                      Rosca unificada gruesa ASME B1.1</p> <p>~DIN 376</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 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3	
Ausführung / model / exécution / modello / modelo	TIN	HL	TICN	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2BX	
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3	

UNC  
UNF  
UNEF  
UN

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
UNC 7/16"	- 14	100	22	-	8	6,2	9,4	048943
UNC 1/2"	- 13	110	24	-	9	7	10,8	005226 042480 105293
UNC 9/16"	- 12	110	20	-	11	9	12,2	048942
UNC 5/8"	- 11	110	27	-	12	9	13,5	005227 042125 017232
UNC 3/4"	- 10	125	32	-	14	11	16,5	005228 045665 038710
UNC 7/8"	- 9	140	32	-	18	14,5	19,5	042126 105298
UNC 1"	- 8	160	36	-	18	14,5	22,25	005230 045666 038708

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 HZ38	DOMINANT 1 HZ38	DOMINANT 1 VA45	DOMINANT 1 VA45																																																																																																																																					
<p><b>UNC-Grobgewinde ASME B1.1</b> Unified coarse thread ASME B1.1 Filetage américain à pas gros ASME B1.1 Filettatura grossa unificata ASME B1.1 Rosca unificada gruesa ASME B1.1</p> <p>~DIN 371</p> 																																																																																																																																									
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																									
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4	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																																																																																																																																					
<b>Ausführung</b> / model / exécution / modello / modelo		HL																																																																																																																																							
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																					
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2B	3B																																																																																																																																					
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																					
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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>UNC No2</td> <td>- 56</td> <td>45</td> <td>9</td> <td>-</td> <td>2,8</td> <td>2,1</td> <td>1,85</td> <td>107581</td> <td>024068</td> </tr> <tr> <td>UNC No3</td> <td>- 48</td> <td>50</td> <td>9</td> <td>14</td> <td>2,8</td> <td>2,1</td> <td>2,1</td> <td>107582</td> <td>024949</td> </tr> <tr> <td>UNC No4</td> <td>- 40</td> <td>56</td> <td>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,35</td> <td>107583</td> <td>024950</td> <td>024961</td> </tr> <tr> <td>UNC No5</td> <td>- 40</td> <td>56</td> <td>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,65</td> <td>107584</td> <td>024951</td> <td>024962</td> </tr> <tr> <td>UNC No6</td> <td>- 32</td> <td>56</td> <td>7</td> <td>20</td> <td>4</td> <td>3</td> <td>2,85</td> <td>107585</td> <td>024952</td> <td>024963</td> </tr> <tr> <td>UNC No8</td> <td>- 32</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,5</td> <td>107586</td> <td>024953</td> <td>024964</td> </tr> <tr> <td>UNC No10</td> <td>- 24</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>3,9</td> <td></td> <td>048946</td> <td>024954</td> <td>024965</td> </tr> <tr> <td>UNC No12</td> <td>- 24</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>4,5</td> <td></td> <td>048947</td> <td></td> <td></td> </tr> <tr> <td>UNC 1/4"</td> <td>- 20</td> <td>80</td> <td>10</td> <td>30</td> <td>7</td> <td>5,5</td> <td>5,1</td> <td>107566</td> <td>048945</td> <td>024956</td> <td>024967</td> </tr> <tr> <td>UNC 5/16"</td> <td>- 18</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,6</td> <td>107578</td> <td>048948</td> <td>024957</td> <td>024968</td> </tr> <tr> <td>UNC 3/8"</td> <td>- 16</td> <td>100</td> <td>15</td> <td>39</td> <td>10</td> <td>8</td> <td>8</td> <td>107568</td> <td>048164</td> <td>024958</td> <td>024969</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	UNC No2	- 56	45	9	-	2,8	2,1	1,85	107581	024068	UNC No3	- 48	50	9	14	2,8	2,1	2,1	107582	024949	UNC No4	- 40	56	7	18	3,5	2,7	2,35	107583	024950	024961	UNC No5	- 40	56	7	18	3,5	2,7	2,65	107584	024951	024962	UNC No6	- 32	56	7	20	4	3	2,85	107585	024952	024963	UNC No8	- 32	63	8	21	4,5	3,4	3,5	107586	024953	024964	UNC No10	- 24	70	9	25	6	4,9	3,9		048946	024954	024965	UNC No12	- 24	80	10	30	6	4,9	4,5		048947			UNC 1/4"	- 20	80	10	30	7	5,5	5,1	107566	048945	024956	024967	UNC 5/16"	- 18	90	13	35	8	6,2	6,6	107578	048948	024957	024968	UNC 3/8"	- 16	100	15	39	10	8	8	107568	048164	024958	024969				
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																																																																																																																																	
UNC No2	- 56	45	9	-	2,8	2,1	1,85	107581	024068																																																																																																																																
UNC No3	- 48	50	9	14	2,8	2,1	2,1	107582	024949																																																																																																																																
UNC No4	- 40	56	7	18	3,5	2,7	2,35	107583	024950	024961																																																																																																																															
UNC No5	- 40	56	7	18	3,5	2,7	2,65	107584	024951	024962																																																																																																																															
UNC No6	- 32	56	7	20	4	3	2,85	107585	024952	024963																																																																																																																															
UNC No8	- 32	63	8	21	4,5	3,4	3,5	107586	024953	024964																																																																																																																															
UNC No10	- 24	70	9	25	6	4,9	3,9		048946	024954	024965																																																																																																																														
UNC No12	- 24	80	10	30	6	4,9	4,5		048947																																																																																																																																
UNC 1/4"	- 20	80	10	30	7	5,5	5,1	107566	048945	024956	024967																																																																																																																														
UNC 5/16"	- 18	90	13	35	8	6,2	6,6	107578	048948	024957	024968																																																																																																																														
UNC 3/8"	- 16	100	15	39	10	8	8	107568	048164	024958	024969																																																																																																																														

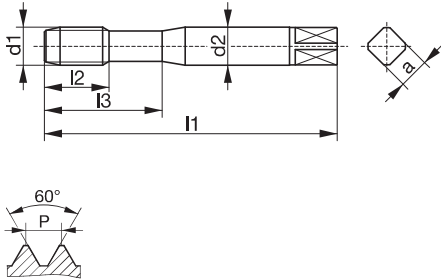




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UNEF  
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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 HZ38	DOMINANT 2 HZ38	DOMINANT 2 VA45	
<p><b>UNC-Grobgewinde ASME B1.1</b>                      Unified coarse thread ASME B1.1                      Filetage américain à pas gros ASME B1.1                      Filettatura grossa unificata ASME B1.1                      Rosca unificada gruesa ASME B1.1</p> <p>~DIN 376</p>				
Bohrung / bore / type de trou / fori / tipos de agujeros				
Einsatzgebiet / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4	1.3-1.5 / 4.3 4.5 / 5.1-5.3 8.1	
Ausführung / model / exécution / modello / modelo		HL		
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2B	
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	

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UNEF  
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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
UNC 7/16"	- 14	100	18	-	8	6,2	9,4	108241 048950 024970
UNC 1/2"	- 13	110	18	-	9	7	10,8	108231 048102 024971
UNC 9/16"	- 12	110	20	-	11	9	12,2	108243 048951 024972
UNC 5/8"	- 11	110	20	-	12	9	13,5	108240 048166 024973
UNC 3/4"	- 10	125	25	-	14	11	16,5	108234 048167 024974
UNC 7/8"	- 9	140	25	-	18	14,5	19,5	108242 048949 024975
UNC 1"	- 8	160	30	-	18	14,5	22,25	108224 023449 024976
UNC 1.1/8"	- 7	180	35	-	22	18	25	024977
UNC 1.1/4"	- 7	180	35	-	22	18	28	024978
UNC 1.3/8"	- 6	200	40	-	28	22	30,75	024979
UNC 1.1/2"	- 6	200	40	-	28	22	34	024980

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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45		
<p><b>UNC-Grobgewinde ASME B1.1</b> Unified coarse thread ASME B1.1 Filetage américain à pas gros ASME B1.1 Filettatura grossa unificata ASME B1.1 Rosca unificada gruesa ASME B1.1</p> <p>~DIN 371</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / 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 3.1-3.4 / 5.1-5.3 7.1-7.2		
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		

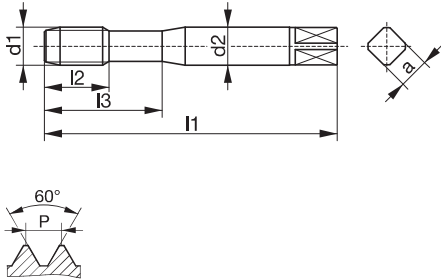




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UNC No10	- 24	70	9	25	6	4,9	3,9	021499
UNC 1/4"	- 20	80	10	30	7	5,5	5,1	021500      021509
UNC 5/16"	- 18	90	13	35	8	6,2	6,6	021501      021513
UNC 3/8"	- 16	100	15	39	10	8	8	021502      021514


Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 VA45	DOMINANT 2 VA45		
<p><b>UNC-Grobgewinde ASME B1.1</b>                      Unified coarse thread ASME B1.1                      Filetage américain à pas gros ASME B1.1                      Filettatura grossa unificata ASME B1.1                      Rosca unificada gruesa ASME B1.1</p> <p>~DIN 376</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 3.1-3.4 / 5.1-5.3 7.1-7.2		
Ausführung / model / exécution / modello / modelo	TIN	HL		
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B		
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		

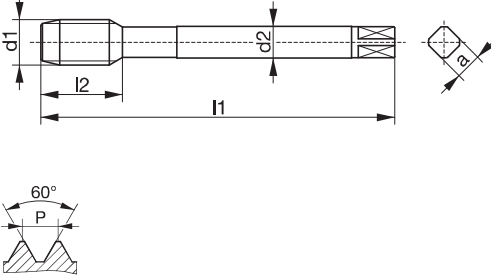




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Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
UNC 7/16"	- 14	100	18	-	8	6,2	9,4	021503 021515
UNC 1/2"	- 13	110	18	-	9	7	10,8	021504 021516
UNC 5/8"	- 11	110	20	-	12	9	13,5	021506 021517
UNC 3/4"	- 10	125	25	-	14	11	16,5	021507 021518
UNC 1"	- 8	160	30	-	18	14,5	22,25	024981 038378


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Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 N	DURAMAX 1 H		
<p><b>UNC-Grobgewinde ASME B1.1</b> Unified coarse thread ASME B1.1 Filetage américain à pas gros ASME B1.1 Filettatura grossa unificata ASME B1.1 Rosca unificada gruesa ASME B1.1 ~DIN 2174</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1		
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	BT		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2BX	2BX		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		

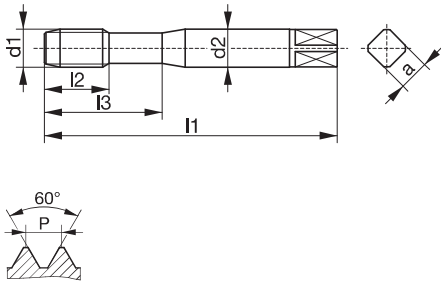






$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
UNC No10	- 24	70	14	25	6	4,9	4,35	106620 066838
UNC 1/4"	- 20	80	16	30	7	5,5	5,8	106617 066839
UNC 5/16"	- 18	90	18	35	8	6,2	7,3	106619 066840
UNC 3/8"	- 16	100	20	39	10	8	8,8	106618 066841

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 2 N	DURAMAX 2 H		
<p><b>UNC-Grobgewinde ASME B1.1</b>                      Unified coarse thread ASME B1.1                      Filetage américain à pas gros ASME B1.1                      Filettatura grossa unificata ASME B1.1                      Rosca unificada gruesa ASME B1.1</p> <p>~DIN 2174</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 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1		
Ausführung / model / exécution / modello / modelo	TIN	BT		
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2BX	2BX		
Schafftoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
Anschnitt / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		


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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
UNC 7/16"	- 14	100	22	-	8	6,2	10,3	106875 066843
UNC 1/2"	- 13	110	24	-	9	7	11,8	106872 066844



Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 VA	VARIANT 1 VA	VARIO 1 GG	
<p><b>UNF-Feingewinde ASME B1.1</b> Unified fine thread ASME B1.1 Filetage américain à pas fin ASME B1.1 Filettatura fine unificata ASME B1.1 Rosca unificada fina ASME B1.1</p> <p>~DIN 371</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	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 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3	
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	HL	TICN	
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2BX	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3	

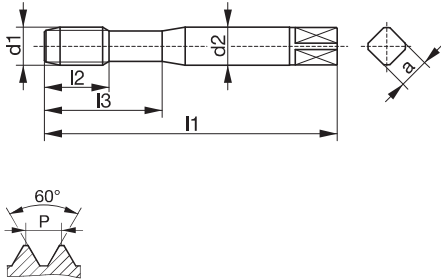




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Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		Identnummer / identification number / code article / codice / número de identificación
UNF No2	- 64	45	9	9	2,8	2,1	1,85	066825
UNF No3	- 56	50	9	9	2,8	2,1	2,1	066826
UNF No4	- 48	56	10	18	3,5	2,7	2,35	066827
UNF No5	- 44	56	10	18	3,5	2,7	2,65	066828
UNF No6	- 40	56	11	20	4	3	2,85	066829
UNF No8	- 36	63	12	21	4,5	3,4	3,5	066830
UNF No10	- 32	70	14	25	6	4,9	4,1	005245 045675
UNF No12	- 28	80	16	30	6	4,9	4,6	048952
UNF 1/4"	- 28	80	16	30	7	5,5	5,5	005244 042481 035872
UNF 5/16"	- 24	90	18	35	8	6,2	6,9	005246 042483 103962
UNF 3/8"	- 24	90	18	39	10	8	8,5	005247 033290 108485


Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 VA	VARIANT 2 VA	VARIO 2 GG	
<p><b>UNF-Feingwinde ASME B1.1</b>                      Unified fine thread ASME B1.1                      Filetage américain à pas fin ASME B1.1                      Filettatura fine unificata ASME B1.1                      Rosca unificada fina ASME B1.1</p> <p>~DIN 374</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 / 4.1-4.5 5.2-5.3 / 7.1-7.2 8.1	1.1-1.5 / 2.1-2.3 3.2-3.4 / 4.1-4.3 5.2-5.3	3.1-3.4 / 5.4 8.2-8.3	
Ausführung / model / exécution / modello / modelo	TIN	HL	TICN	
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B	2BX	
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	
Anschnitt / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3	

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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
UNF 7/16"	- 20	100	22	-	8	6,2	9,9	005248 033289
UNF 1/2"	- 20	100	22	-	9	7	11,5	005249 042484 105302
UNF 9/16"	- 18	100	22	-	11	9	12,9	048963
UNF 5/8"	- 18	100	22	-	12	9	14,5	005250 042486 038711
UNF 3/4"	- 16	110	25	-	14	11	17,5	005251 045667 108486
UNF 7/8"	- 14	125	25	-	18	14,5	20,4	048962 015962
UNF 1"	- 12	140	28	-	18	14,5	23,25	005252 048953

Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 HZ38	DOMINANT 1 HZ38		
<p><b>UNF-Feingewinde ASME B1.1</b> Unified fine thread ASME B1.1 Filetage américain à pas fin ASME B1.1 Filettatura fine unificata ASME B1.1 Rosca unificada fina ASME B1.1 ~DIN 371</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.5 / 4.1 4.3 / 4.5	1.2-1.5 / 2.1-2.3 3.2-3.4		
<b>Ausführung</b> / model / exécution / modello / modelo		HL		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		

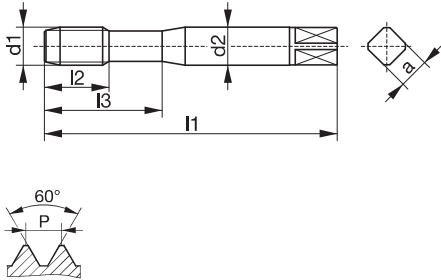





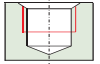





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$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
UNF No10	- 32	70	9	25	6	4,9	4,1	107619 048964
UNF 1/4"	- 28	80	10	30	7	5,5	5,5	107598 048965
UNF 5/16"	- 24	90	13	35	8	6,2	6,9	107614 048967
UNF 3/8"	- 24	90	12	39	10	8	8,5	107601 048966

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DOMINANT 2 HZ38</b>	<b>DOMINANT 2 HZ38</b>		
<p><b>UNF-Feingwinde ASME B1.1</b>                  Unified fine thread ASME B1.1                  Filetage américain à pas fin ASME B1.1                  Filettatura fine unificata ASME B1.1                  Rosca unificada fina ASME B1.1</p> <p>~DIN 374</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.5 / 4.1 4.3 / 4.5</b>	<b>1.2-1.5 / 2.1-2.3 3.2-3.4</b>		
<b>Ausführung / model / exécution / modello / modelo</b>		HL		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	2B	2B		
<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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Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
UNF 7/16"	- 20	100	18	-	8	6,2	9,9	108265	048977
UNF 1/2"	- 20	100	15	-	9	7	11,5	108258	048969
UNF 9/16"	- 18	100	15	-	11	9	12,9	108267	048978
UNF 5/8"	- 18	100	15	-	12	9	14,5	108264	048975
UNF 3/4"	- 16	110	18	-	14	11	17,5	108259	048970
UNF 7/8"	- 14	125	18	-	18	14,5	20,4	108266	048976
UNF 1"	- 12	140	20	-	18	14,5	23,25	108253	048968

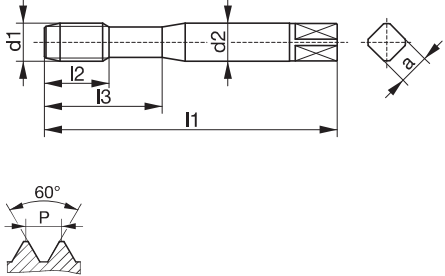




Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45	DOMINANT 1 VA45																																																																																																																																	
<p><b>UNF-Feingewinde ASME B1.1</b> Unified fine thread ASME B1.1 Filetage américain à pas fin ASME B1.1 Filettatura fine unificata ASME B1.1 Rosca unificada fina ASME B1.1</p> <p>~DIN 371</p> 																																																																																																																																					
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																																																					
<b>Einsatzgebiet</b> / 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	1.1-1.6 / 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 3.1-3.4 / 5.1-5.3 7.1-7.2																																																																																																																																	
<b>Ausführung</b> / model / exécution / modello / modelo			TIN	HL																																																																																																																																	
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																	
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	3B	2B	2B																																																																																																																																	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9	h9	h9																																																																																																																																	
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	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 colspan="4"><b>Identnummer</b> / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>UNF</td> <td>No3</td> <td>- 56</td> <td>50</td> <td>9</td> <td>14</td> <td>2,8</td> <td>2,1</td> <td>2,15</td> <td>025017</td> <td>025026</td> <td></td> <td></td> </tr> <tr> <td>UNF</td> <td>No4</td> <td>- 48</td> <td>56</td> <td>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,4</td> <td>025018</td> <td>025027</td> <td></td> <td></td> </tr> <tr> <td>UNF</td> <td>No5</td> <td>- 44</td> <td>56</td> <td>7</td> <td>18</td> <td>3,5</td> <td>2,7</td> <td>2,7</td> <td>025019</td> <td>025028</td> <td></td> <td></td> </tr> <tr> <td>UNF</td> <td>No6</td> <td>- 40</td> <td>56</td> <td>7</td> <td>20</td> <td>4</td> <td>3</td> <td>2,95</td> <td>025020</td> <td>025029</td> <td></td> <td></td> </tr> <tr> <td>UNF</td> <td>No8</td> <td>- 36</td> <td>63</td> <td>8</td> <td>21</td> <td>4,5</td> <td>3,4</td> <td>3,5</td> <td>025021</td> <td>025030</td> <td></td> <td></td> </tr> <tr> <td>UNF</td> <td>No10</td> <td>- 32</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>4,1</td> <td>025022</td> <td>025031</td> <td>021537</td> <td>028948</td> </tr> <tr> <td>UNF</td> <td>1/4"</td> <td>- 28</td> <td>80</td> <td>10</td> <td>30</td> <td>7</td> <td>5,5</td> <td>5,5</td> <td>025023</td> <td>025032</td> <td>021539</td> <td>021547</td> </tr> <tr> <td>UNF</td> <td>5/16"</td> <td>- 24</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,9</td> <td>025024</td> <td>025033</td> <td>021540</td> <td>021548</td> </tr> <tr> <td>UNF</td> <td>3/8"</td> <td>- 24</td> <td>90</td> <td>12</td> <td>39</td> <td>10</td> <td>8</td> <td>8,5</td> <td>025025</td> <td>025034</td> <td>021541</td> <td>027334</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		<b>Identnummer</b> / identification number / code article / codice / número de identificación				UNF	No3	- 56	50	9	14	2,8	2,1	2,15	025017	025026			UNF	No4	- 48	56	7	18	3,5	2,7	2,4	025018	025027			UNF	No5	- 44	56	7	18	3,5	2,7	2,7	025019	025028			UNF	No6	- 40	56	7	20	4	3	2,95	025020	025029			UNF	No8	- 36	63	8	21	4,5	3,4	3,5	025021	025030			UNF	No10	- 32	70	9	25	6	4,9	4,1	025022	025031	021537	028948	UNF	1/4"	- 28	80	10	30	7	5,5	5,5	025023	025032	021539	021547	UNF	5/16"	- 24	90	13	35	8	6,2	6,9	025024	025033	021540	021548	UNF	3/8"	- 24	90	12	39	10	8	8,5	025025	025034	021541	027334				
Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación																																																																																																																													
UNF	No3	- 56	50	9	14	2,8	2,1	2,15	025017	025026																																																																																																																											
UNF	No4	- 48	56	7	18	3,5	2,7	2,4	025018	025027																																																																																																																											
UNF	No5	- 44	56	7	18	3,5	2,7	2,7	025019	025028																																																																																																																											
UNF	No6	- 40	56	7	20	4	3	2,95	025020	025029																																																																																																																											
UNF	No8	- 36	63	8	21	4,5	3,4	3,5	025021	025030																																																																																																																											
UNF	No10	- 32	70	9	25	6	4,9	4,1	025022	025031	021537	028948																																																																																																																									
UNF	1/4"	- 28	80	10	30	7	5,5	5,5	025023	025032	021539	021547																																																																																																																									
UNF	5/16"	- 24	90	13	35	8	6,2	6,9	025024	025033	021540	021548																																																																																																																									
UNF	3/8"	- 24	90	12	39	10	8	8,5	025025	025034	021541	027334																																																																																																																									

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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 2 VA45		DOMINANT 2 VA45	DOMINANT 2 VA45
<p><b>UNF-Feingewinde ASME B1.1</b>                      Unified fine thread ASME B1.1                      Filettage américain à pas fin ASME B1.1                      Filettatura fine unificata ASME B1.1                      Rosca unificada fina ASME B1.1</p> <p>~DIN 374</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		1.1-1.6 / 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 3.1-3.4 / 5.1-5.3 7.1-7.2
Ausführung / model / exécution / modello / modelo			TIN	HL
Werkstoff / tool material / substrat / materiale / material	HSSE-PM		HSSE-PM	HSSE-PM
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B		2B	2B
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

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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
UNF 7/16"	- 20	100	18	-	8	6,2	9,9	025035 021542 031214
UNF 1/2"	- 20	100	15	-	9	7	11,5	025036 021543 029009
UNF 9/16"	- 18	100	15	-	11	9	12,9	025037
UNF 5/8"	- 18	100	15	-	12	9	14,5	025038 021544 021553
UNF 3/4"	- 16	110	18	-	14	11	17,5	025039 021545 107460
UNF 7/8"	- 14	125	18	-	18	14,5	20,4	025040 025046 038380
UNF 1"	- 12	140	20	-	18	14,5	23,25	025041 025047 038379
UNF 1.1/8"	- 12	150	22	-	22	18	26,5	025042
UNF 1.1/4"	- 12	150	22	-	22	18	29,5	025043
UNF 1.3/8"	- 12	170	24	-	28	22	32,75	025044
UNF 1.1/2"	- 12	170	24	-	28	22	36	025045

Typenbezeichnung / type / type / tipo / tipo	DURAMAX 1 N	DURAMAX 1 H		
<p><b>UNF-Feingewinde ASME B1.1</b> Unified fine thread ASME B1.1 Filetage américain à pas fin ASME B1.1 Filettatura fine unificata ASME B1.1 Rosca unificada fina ASME B1.1 ~DIN 2174</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1		
<b>Ausführung</b> / model / exécution / modello / modelo	TIN	BT		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2BX	2BX		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h6		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	C / 2-3	C / 2-3		

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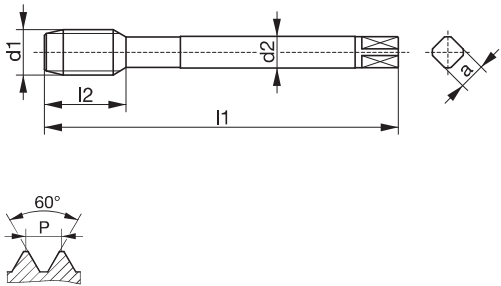




$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
UNF No10	- 32	70	14	25	6	4,9	4,45	106654 066832
UNF 1/4"	- 28	80	16	30	7	5,5	5,95	106650 066833
UNF 5/16"	- 24	90	18	35	8	6,2	7,45	106653 066834
UNF 3/8"	- 24	90	18	39	10	8	9,05	106652 066835

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>DURAMAX 2 N</b>	<b>DURAMAX 2 H</b>		
<p><b>UNF-Feingewinde ASME B1.1</b>                  Unified fine thread ASME B1.1                  Filetage américain à pas fin ASME B1.1                  Filettatura fine unificata ASME B1.1                  Rosca unificada fina ASME B1.1</p> <p>~DIN 2174</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 4.1 / 4.3 5.2-5.3 / 7.1	1.1-1.5 / 2.1-2.3 4.1 / 4.3 5.1-5.3 / 7.1		
<b>Ausführung / model / exécution / modello / modelo</b>	TIN	BT		
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	2BX	2BX		
<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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UNEF  
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Ød <sub>1</sub>	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Ød <sub>2</sub>	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>	
UNF 7/16"	- 20	100	22	-	8	6,2	10,55	106891	066836
UNF 1/2"	- 20	100	22	-	9	7	12,15	106888	066837



Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 N	VARIO 2 N		
<p><b>UNEF-Extrafeingewinde ASME B1.1</b> Unified extra fine thread ASME B1.1 Filetage américain à pas extra fin ASME B1.1 Filettatura extra fine unificata ASME B1.1 Rosca unificada extra-fina ASME B1.1</p> <p>~DIN 374</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.2-1.3 / 5.1-5.2 8.1	1.2-1.3 / 4.2 5.1-5.3		
<b>Ausführung</b> / model / exécution / modello / modelo				
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	2B	2B		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	C / 2-3		

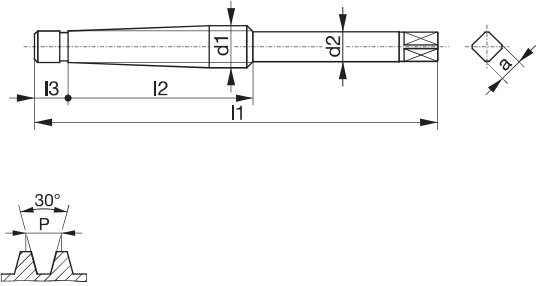




UNC  
UNF  
UNEF  
UN

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
UNEF 3/8"	- 32	90	18	-	7	5,5	8,7	109963 109930
UNEF 7/16"	- 28	90	16	-	8	6,2	10,2	109966 109933
UNEF 1/2"	- 28	100	20	-	9	7	11,8	109960 109926
UNEF 9/16"	- 24	100	22	-	11	9	13,2	109969 109935
UNEF 5/8"	- 24	100	20	-	12	9	14,8	109965 109932
UNEF 11/16"	- 24	110	20	-	14	11	16,4	109925
UNEF 3/4"	- 20	110	25	-	14	11	17,8	109929
UNEF 13/16"	- 20	125	25	-	16	12	19,4	109927
UNEF 7/8"	- 20	125	25	-	18	14,5	21	109934
UNEF 1"	- 20	140	28	-	18	14,5	24,15	109914
UNEF 1.1/16"	- 18	140	28	-	20	16	25,6	109915
UNEF 1.1/8"	- 18	150	28	-	22	18	27,2	109918
UNEF 1.1/4"	- 18	150	28	-	22	18	30,35	109917
UNEF 1.5/16"	- 18	170	30	-	28	22	31,95	109922
UNEF 1.3/8"	- 18	170	30	-	28	22	33,5	109921
UNEF 1.1/2"	- 18	170	30	-	28	22	36,75	109916


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>AVANT 2 H15</b>	<b>DOMINANT 2 HZ38</b>		
<p><b>UN-Gewinde ASME B1.1 8 Gang</b>                  Unified thread ASME B1.1 8 thread series                  Filetage américain ASME B1.1 série de 8 filets                  Filettatura unificata ASME B1.1 serie di 8 filetti                  Rosca unificada ASME B1.1 serie 8 hilos</p> <p>~DIN 374</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	1.4-1.5 / 4.1-4.6	1.2-1.5 / 4.1 4.3 / 4.5		
<b>Ausführung / model / exécution / modello / modelo</b>				
<b>Werkstoff / tool material / substrat / materiale / material</b>	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	2B	2B		
<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		

UNC  
UNF  
UNEF  
UN

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
UN 1.1/8"	- 8	180	35	-	22	18	25,4	005264
UN 1.1/8"	- 8	180	40	-	22	18	25,4	108003
UN 1.1/4"	- 8	180	35	-	22	18	28,5	005265
UN 1.1/4"	- 8	180	40	-	22	18	28,5	108002
UN 1.3/8"	- 8	200	35	-	28	22	31,8	005266
UN 1.3/8"	- 8	200	40	-	28	22	31,8	108006
UN 1.1/2"	- 8	200	35	-	28	22	35	005267
UN 1.1/2"	- 8	200	40	-	28	22	35	108001
UN 1.5/8"	- 8	200	35	-	32	24	38,1	005268
UN 1.3/4"	- 8	200	35	-	36	29	41,3	005269
UN 1.7/8"	- 8	225	35	-	36	29	44,5	005270
UN 2"	- 8	225	35	-	40	32	47,7	005271

Typenbezeichnung / type / type / tipo / tipo	AVANT 2 H05	AVANT 2 H05		
<p><b>Tr-Metrisches ISO Trapezgewinde DIN 103</b> Metric ISO trapezoidal thread DIN 103 Filetage métrique ISO trapézoïdal DIN 103 Filettatura trapezoidale ISO DIN 103 Rosca trapezoidal métrica ISO DIN 103</p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	<b>1.2-1.4 / 5.2</b>	<b>1.2-1.4 / 5.2</b>		
<b>Ausführung</b> / model / exécution / modello / modelo	LSP	RSP LH		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	7H	7H		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada				

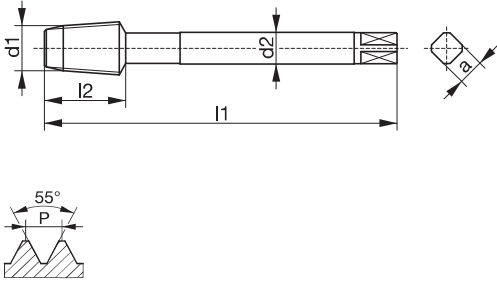


Tr  
Rd  
W  
BSW  
EG

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación	
Tr 10	x 2	135	60	8	7	5,5	8,2	107016	107041
Tr 12	x 3	175	90	12	8	6,2	9,2	107019	
Tr 14	x 3	180	90	12	10	8	11,2	107021	107043
Tr 14	x 4	215	120	14	10	8	10,50	107022	
Tr 16	x 4	220	120	14	11	9	12,25	107025	107045
Tr 18	x 4	225	120	14	12	9	14,25	107027	107046
Tr 20	x 4	230	120	14	14	11	16,25	107029	107047
Tr 22	x 5	265	150	18	16	12	17,25	107031	107049
Tr 24	x 5	275	150	18	18	14,5	19,25	107034	107050
Tr 28	x 5	285	150	18	22	18	23,25	107036	
Tr 30	x 6	320	180	21	22	18	24,25	107037	107052


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>Rd-Rundgewinde DIN 405</b>                  Round thread DIN 405                  Filetage rond DIN 405                  Filettatura tonda DIN 405                  Rosca redonda DIN 405</p>				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>	7H			
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3			

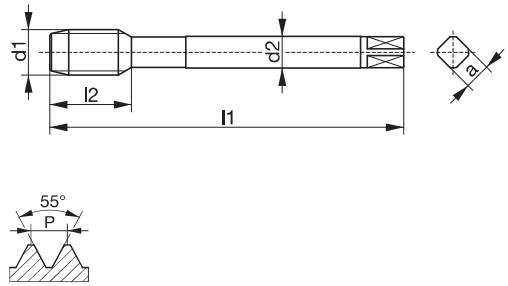


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer / identification number / code article / codice / número de identificación</b>
Rd	10 x 1/10	110	22	-	9	7	8	110150
Rd	12 x 1/10	110	25	-	11	9	10	110151
Rd	14 x 1/8	110	28	-	12	9	11,5	110152
Rd	16 x 1/8	125	32	-	14	11	13,5	110153


Tr  
Rd  
W  
BSW  
EG

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>W-Gasflaschenventilgewinde kegelig DIN EN ISO 11363-1 / DIN 477</b> Tapered thread for gas cylinder valves DIN EN ISO 11363-1 / DIN 477 Filetage conique pour robinets de bouteilles à gaz DIN EN ISO 11363-1 / DIN 477 Filettatura conica per valvole di bombole a gas DIN EN ISO 11363-1 / DIN 477 Rosca cónica para bombonas de gas DIN EN ISO 11363-1 / DIN 477 <b>DIN 477 / DIN EN ISO 11363-1</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango</b>	h9			
<b>Anschnitt / chamfer / entrée / imbocco / entrada</b>	C / 2-3			

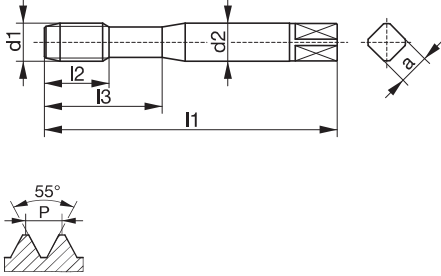





Tr  
Rd  
W  
BSW  
EG

$\text{Ød}_1$	P	$l_1$	$l_2$	$l_3$	$\text{Ød}_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación
17E / W	19,8 - 14	95	27	- 16	12	14,7		110003
25E / W	28,8 - 14	132	33,5	- 22	18	22,7		110004
W	31,3 - 14	132	34	- 25	20	25,2		110005

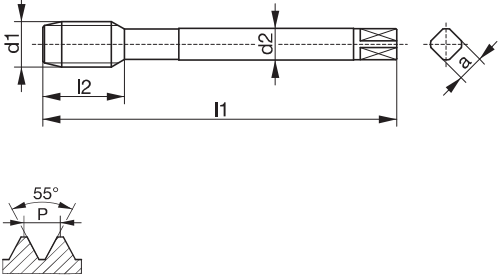


<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIO 2 N</b>			
<p><b>W-Gasflaschenventilgewinde zylindrisch DIN 477</b>                  Cylindrical thread for gas cylinder valves DIN 477                  Filetage cylindrique pour robinets de bouteilles à gaz DIN 477                  Filettatura cilindrica per valvole di bombole a gas DIN 477                  Rosca cilíndrica para bombonas de gas DIN 477</p> <p><b>DIN 477 zyl.</b></p> 				
<b>Bohrung / bore / type de trou / fori / tipos de agujeros</b>				
<b>Einsatzgebiet / application / application adatto per lavorazione di / aplicación</b>	<b>1.2-1.3 / 4.2 5.1-5.3</b>			
<b>Ausführung / model / exécution / modello / modelo</b>				
<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>				
<b>Schafttoleranz / shank tolerance / tolérance de queue / tolleranza 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		<b>Identnummer / identification number / code article / codice / número de identificación</b>
W	21,8 - 14	125	25	-	18	14,5	19,75	110007
W	24,32 - 14	140	28	-	18	14,5	22,25	110008

Tr  
Rd  
W  
BSW  
EG

<p><b>Typenbezeichnung / type / type / tipo / tipo</b></p> <p><b>BSW-Whitworth Gewinde BS 84</b> British standard Whitworth thread BS 84 Filetage British standard Whitworth BS 84 Filettatura Whitworth standard inglese BS 84 Rosca norma británica Whitworth BS 84 ~DIN 371</p> 	<p><b>VARIANT 1 H</b></p> 																																																																																																																								
<p><b>Bohrung / bore / type de trou / fori / tipos de agujeros</b></p>																																																																																																																									
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<p><b>Gewindetoleranz / thread tolerance / tolérance du filetage /</b> tolleranza di filettatura / tolerancia de la rosca</p>	<p>med.</p>																																																																																																																								
<p><b>Schafttoleranz / shank tolerance / tolérance de queue /</b> tolleranza del gambo / tolerancia del mango</p>	<p>h9</p>																																																																																																																								
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>	<p>B / 3-5,5</p>																																																																																																																								
<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>BSW 1/4"</td> <td>- 20</td> <td>80</td> <td>16</td> <td>30</td> <td>7</td> <td>5,5</td> <td>5,1</td> <td>108430</td> </tr> <tr> <td>BSW 5/16"</td> <td>- 18</td> <td>90</td> <td>18</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,5</td> <td>108435</td> </tr> <tr> <td>BSW 3/8"</td> <td>- 16</td> <td>100</td> <td>20</td> <td>39</td> <td>10</td> <td>8</td> <td>7,9</td> <td>108434</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </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	BSW 1/4"	- 20	80	16	30	7	5,5	5,1	108430	BSW 5/16"	- 18	90	18	35	8	6,2	6,5	108435	BSW 3/8"	- 16	100	20	39	10	8	7,9	108434																																																																																					
$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación																																																																																																																	
BSW 1/4"	- 20	80	16	30	7	5,5	5,1	108430																																																																																																																	
BSW 5/16"	- 18	90	18	35	8	6,2	6,5	108435																																																																																																																	
BSW 3/8"	- 16	100	20	39	10	8	7,9	108434																																																																																																																	

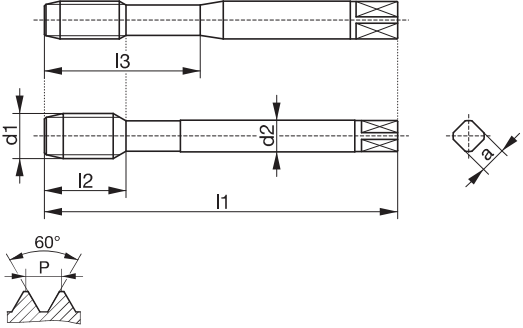




Tr  
Rd  
W  
BSW  
EG

<b>Typenbezeichnung / type / type / tipo / tipo</b>	<b>VARIANT 2 H</b>			
<p><b>BSW-Whitworth Gewinde BS 84</b>                  British standard Whitworth thread BS 84                  Filetage British standard Whitworth BS 84                  Filettatura Whitworth standard inglese BS 84                  Rosca norma británica Whitworth BS 84</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-PM			
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>	med.			
<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			


$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación
BSW 1/2"	- 12	110	24	-	9	7	10,5	108635
BSW 5/8"	- 11	110	27	-	12	9	13,5	108637
BSW 3/4"	- 10	125	32	-	14	11	16,4	108636
BSW 7/8"	- 9	140	32	-	18	14,5	19,25	108638
BSW 1"	- 8	160	36	-	18	14,5	22	108634

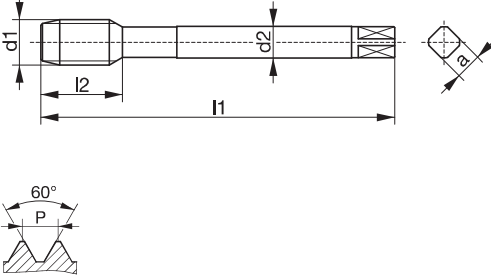


Tr  
Rd  
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BSW  
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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 2 VA45		
<p><b>EG M-Metrisches ISO Regelgewinde DIN 8140</b>            STI Metric ISO thread DIN 8140            Filetage métrique (pour filets rapportés) DIN 8140            Filettatura metrica (per filetti riportati) DIN 8140            Rosca métrica (para filetes insertos) DIN 8140</p> <p><b>DIN 40435</b></p> 				
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros				
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2		
<b>Ausführung</b> / model / exécution / modello / modelo	HL	HL		
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM		
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	6H mod	6H mod		
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9		
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	E / 1,5-2	E / 1,5-2		

Tr  
Rd  
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BSW  
EG

$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		Identnummer / identification number / code article / codice / número de identificación
EG-M 2	0,4	50	9	14	2,8	2,1	2,1	025654
EG-M 2,5	0,45	56	7	18	3,5	2,7	2,65	025655
EG-M 3	0,5	63	8	21	4,5	3,4	3,15	025658
EG-M 3,5	0,6	70	9	25	6	4,9	3,7	025659
EG-M 4	0,7	70	9	25	6	4,9	4,2	025660
EG-M 5	0,8	80	10	30	6	4,9	5,25	025661
EG-M 6	1	90	13	35	8	6,2	6,3	025663
EG-M 8	1,25	100	15	39	10	8	8,4	025664
EG-M 10	1,5	100	15	-	9	7	10,5	025665
EG-M 12	1,75	110	20	-	11	9	12,5	025667
EG-M 16	2	125	25	-	14	11	16,5	110494
EG-M 20	2,5	160	30	-	18	14,5	20,8	025668

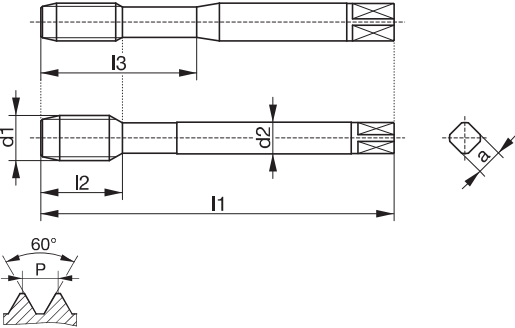







<b>Typenbezeichnung / type / type / tipo / tipo</b>		<b>DOMINANT 2 VA45</b>		
<p><b>EG MF-Metrisches ISO Feingewinde DIN 8140</b>                  STI Metric ISO fine thread DIN 8140                  Filetage métrique ISO à pas fin (pour filets rapportés) DIN 8140                  Filettatura metrica ISO passo fine (per filetti riportati) DIN 8140                  Rosca métrica fina (para filetes insertos) ISO DIN 8140</p> <p><b>DIN 40435</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 3.1-3.4 / 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-PM		
<b>Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca</b>		6H mod		
<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>
EG-MF 8	x 1	90	12	-	7	5,5	8,3	025669
EG-MF 10	x 1	100	15	-	9	7	10,3	025670
EG-MF 12	x 1	100	15	-	11	9	12,3	025671
EG-MF 12	x 1,5	100	15	-	11	9	12,5	025672
EG-MF 14	x 1,25	100	15	-	12	9	14,4	025673
EG-MF 14	x 1,5	100	15	-	12	9	14,5	025674
EG-MF 16	x 1,5	110	18	-	14	11	16,5	025675
EG-MF 20	x 1,5	125	18	-	18	14,5	20,5	025676

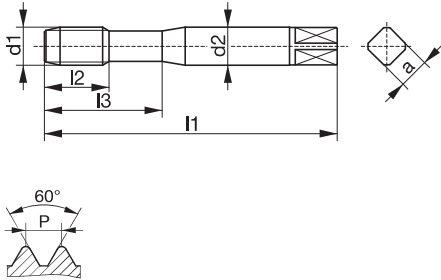











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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 2 VA45								
<p><b>EG UNC-Grobgewinde ASME B18.29.1</b> STI Unified coarse thread ASME B18.29.1 Filetage américain à pas gros (pour filets rapportés) ASME B18.29.1 Filettatura grossa unificata (per filetti riportati) ASME B18.29.1 Rosca unificada gruesa (para filetes insertos) ASME B18.29.1</p> <p><b>DIN 2184-1</b></p>										
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros										
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2	1.1-1.6 / 2.1-2.3 3.1-3.4 / 5.1-5.3 7.1-7.2								
<b>Ausführung</b> / model / exécution / modello / modelo	HL	HL								
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM								
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	3B	3B								
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h9	h9								
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	E / 1,5-2	E / 1,5-2								
	<b>Ød<sub>1</sub></b>	<b>P</b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>	<b>Ød<sub>2</sub></b>	<b>a</b>		<b>Identnummer</b> / identification number / code article / codice / número de identificación	
EG-UNC	No3	-	48	56	7	20	4	3	2,7	025678
EG-UNC	No4	-	40	63	8	21	4,5	3,4	3,1	025679
EG-UNC	No5	-	40	63	8	21	4,5	3,4	3,4	025680
EG-UNC	No6	-	32	70	9	25	6	4,9	3,8	025681
EG-UNC	No8	-	32	80	10	30	6	4,9	4,4	025682
EG-UNC	No10	-	24	80	10	30	7	5,5	5,2	025683
EG-UNC	1/4"	-	20	90	13	35	8	6,2	6,7	025685
EG-UNC	5/16"	-	18	100	15	39	10	8	8,4	025689
EG-UNC	3/8"	-	16	100	15	-	9	7	10	025687
EG-UNC	7/16"	-	14	110	20	-	11	9	11,7	025690
EG-UNC	1/2"	-	13	110	20	-	12	9	13,3	025684
EG-UNC	5/8"	-	11	125	25	-	14	11	16,5	025688
EG-UNC	3/4"	-	10	140	25	-	18	14,5	19,75	025686

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Typenbezeichnung / type / type / tipo / tipo	DOMINANT 1 VA45	DOMINANT 2 VA45																																																																																																					
<p><b>EG UNF-Feingewinde ASME B18.29.1</b>                      STI Unified fine thread ASME B18.29.1                      Filetage américain à pas fin (pour filets rapportés) ASME B18.29.1                      Filettatura fine unificata (per filetti riportati) ASME B18.29.1                      Rosca unificada fina (para filetes insertos) ASME B18.29.1</p> <p><b>DIN 2184-1</b></p> 																																																																																																							
<p><b>Bohrung / bore / type de trou / fori / tipos de agujeros</b></p>																																																																																																							
<p><b>Einsatzgebiet / application / application</b>                      adatto per lavorazione di / aplicación</p>	<p>1.1-1.6 / 2.1-2.3                      3.1-3.4 / 5.1-5.3                      7.1-7.2</p>	<p>1.1-1.6 / 2.1-2.3                      3.1-3.4 / 5.1-5.3                      7.1-7.2</p>																																																																																																					
<p><b>Ausführung / model / exécution / modello / modelo</b></p>	<p>HL</p>	<p>HL</p>																																																																																																					
<p><b>Werkstoff / tool material / substrat / materiale / material</b></p>	<p>HSSE-PM</p>	<p>HSSE-PM</p>																																																																																																					
<p><b>Gewindetoleranz / thread tolerance / tolérance du filetage /</b>                      tolleranza di filettatura / tolerancia de la rosca</p>	<p>3B</p>	<p>3B</p>																																																																																																					
<p><b>Schafttoleranz / shank tolerance / tolérance de queue /</b>                      tolleranza del gambo / tolerancia del mango</p>	<p>h9</p>	<p>h9</p>																																																																																																					
<p><b>Anschnitt / chamfer / entrée / imbocco / entrada</b></p>	<p>E / 1,5-2</p>	<p>E / 1,5-2</p>																																																																																																					
<table border="1"> <thead> <tr> <th data-bbox="167 1201 267 1270"><math>\varnothing d_1</math></th> <th data-bbox="267 1201 332 1270">P</th> <th data-bbox="332 1201 422 1270"><math>l_1</math></th> <th data-bbox="422 1201 511 1270"><math>l_2</math></th> <th data-bbox="511 1201 600 1270"><math>l_3</math></th> <th data-bbox="600 1201 690 1270"><math>\varnothing d_2</math></th> <th data-bbox="690 1201 789 1270">a</th> <th data-bbox="789 1201 812 1270"></th> <th data-bbox="812 1201 1412 1270"><b>Identnummer</b> / identification number / code article / codice / número de identificación</th> </tr> </thead> <tbody> <tr> <td>EG-UNF No6</td> <td>- 40</td> <td>70</td> <td>9</td> <td>25</td> <td>6</td> <td>4,9</td> <td>3,7</td> <td>025697</td> </tr> <tr> <td>EG-UNF No8</td> <td>- 36</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>4,4</td> <td>025701</td> </tr> <tr> <td>EG-UNF No10</td> <td>- 32</td> <td>80</td> <td>10</td> <td>30</td> <td>6</td> <td>4,9</td> <td>5,1</td> <td>025698</td> </tr> <tr> <td>EG-UNF 1/4"</td> <td>- 28</td> <td>90</td> <td>13</td> <td>35</td> <td>8</td> <td>6,2</td> <td>6,6</td> <td>025699</td> </tr> <tr> <td>EG-UNF 5/16"</td> <td>- 24</td> <td>90</td> <td>12</td> <td>39</td> <td>10</td> <td>8</td> <td>8,25</td> <td>025700</td> </tr> <tr> <td>EG-UNF 3/8"</td> <td>- 24</td> <td>90</td> <td>12</td> <td>-</td> <td>8</td> <td>6,2</td> <td>9,8</td> <td>025694</td> </tr> <tr> <td>EG-UNF 7/16"</td> <td>- 20</td> <td>100</td> <td>15</td> <td>-</td> <td>9</td> <td>7</td> <td>11,5</td> <td>025696</td> </tr> <tr> <td>EG-UNF 1/2"</td> <td>- 20</td> <td>100</td> <td>15</td> <td>-</td> <td>11</td> <td>9</td> <td>13,1</td> <td>025692</td> </tr> <tr> <td>EG-UNF 5/8"</td> <td>- 18</td> <td>110</td> <td>18</td> <td>-</td> <td>14</td> <td>11</td> <td>16,25</td> <td>025695</td> </tr> <tr> <td>EG-UNF 3/4"</td> <td>- 16</td> <td>125</td> <td>18</td> <td>-</td> <td>16</td> <td>12</td> <td>19,5</td> <td>025693</td> </tr> </tbody> </table>	$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación	EG-UNF No6	- 40	70	9	25	6	4,9	3,7	025697	EG-UNF No8	- 36	80	10	30	6	4,9	4,4	025701	EG-UNF No10	- 32	80	10	30	6	4,9	5,1	025698	EG-UNF 1/4"	- 28	90	13	35	8	6,2	6,6	025699	EG-UNF 5/16"	- 24	90	12	39	10	8	8,25	025700	EG-UNF 3/8"	- 24	90	12	-	8	6,2	9,8	025694	EG-UNF 7/16"	- 20	100	15	-	9	7	11,5	025696	EG-UNF 1/2"	- 20	100	15	-	11	9	13,1	025692	EG-UNF 5/8"	- 18	110	18	-	14	11	16,25	025695	EG-UNF 3/4"	- 16	125	18	-	16	12	19,5	025693				
$\varnothing d_1$	P	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a		<b>Identnummer</b> / identification number / code article / codice / número de identificación																																																																																															
EG-UNF No6	- 40	70	9	25	6	4,9	3,7	025697																																																																																															
EG-UNF No8	- 36	80	10	30	6	4,9	4,4	025701																																																																																															
EG-UNF No10	- 32	80	10	30	6	4,9	5,1	025698																																																																																															
EG-UNF 1/4"	- 28	90	13	35	8	6,2	6,6	025699																																																																																															
EG-UNF 5/16"	- 24	90	12	39	10	8	8,25	025700																																																																																															
EG-UNF 3/8"	- 24	90	12	-	8	6,2	9,8	025694																																																																																															
EG-UNF 7/16"	- 20	100	15	-	9	7	11,5	025696																																																																																															
EG-UNF 1/2"	- 20	100	15	-	11	9	13,1	025692																																																																																															
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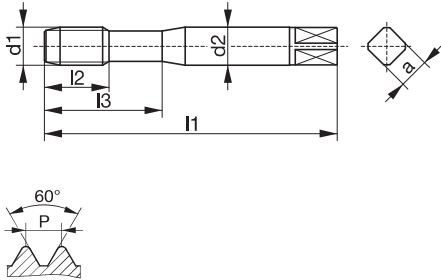











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Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 TIH	VARIANT 1 NI	AVANT 1 TIH13	AVANT 1 NI13																																																																																																				
<p><b>MJ-Regelgewinde DIN ISO 5855</b> Metric coarse thread DIN ISO 5855 Filetage métrique DIN ISO 5855 Filettatura metrica DIN ISO 5855 Rosca métrica DIN ISO 5855</p> <p><b>DIN 371</b></p> 																																																																																																								
<b>Bohrung</b> / bore / type de trou / fori / tipos de agujeros																																																																																																								
<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.4-1.7 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1	1.7 / 7.3 / 9.2	1.5-1.6 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1	1.7 / 4.7 / 7.3 9.2																																																																																																				
<b>Ausführung</b> / model / exécution / modello / modelo	TICN	TICN	TICN	TICN																																																																																																				
<b>Werkstoff</b> / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																				
<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	4HX	4HX	4HX	4HX																																																																																																				
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																																																																				
<b>Anschnitt</b> / chamfer / entrée / imbocco / entrada	B / 3-5,5	B / 3-5,5	C / 2-3	C / 2-3																																																																																																				
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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																																																																																																
MJ	3	0,5	56	11	-	3,5	2,7	2,6	108817	048997	111040	046259																																																																																												
MJ	4	0,7	63	13	-	4,5	3,4	3,4	108819	049020	111041	049025																																																																																												
MJ	5	0,8	70	16	-	6	4,9	4,3	108821	049021	111042	049027																																																																																												
MJ	6	1	80	16	30	6	4,9	5,1	112069		111043																																																																																													
MJ	6	1	80	19	-	6	4,9	5,1		049022		049028																																																																																												
MJ	8	1,25	90	18	35	8	6,2	6,9	108823	049023	111044	035391																																																																																												
MJ	10	1,5	100	20	39	10	8	8,7	112071	049024	111051	035392																																																																																												

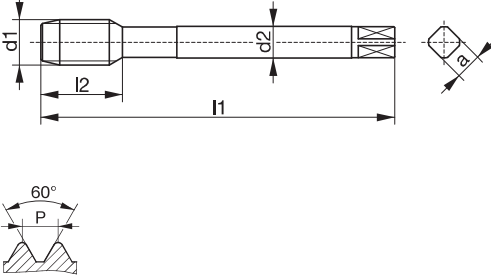











MJ  
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Typenbezeichnung / type / type / tipo / tipo	VARIANT 2 TIH	VARIANT 2 NI	AVANT 2 TIH13	AVANT 2 NI13																																																																																																																																											
<p><b>MJ-Regelgewinde DIN ISO 5855</b> Metric coarse thread DIN ISO 5855 Filetage métrique DIN ISO 5855 Filettatura metrica DIN ISO 5855 Rosca métrica DIN ISO 5855</p> <p><b>DIN 376</b></p>																																																																																																																																															
Bohrung / bore / type de trou / fori / tipos de agujeros																																																																																																																																															
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Ausführung / model / exécution / modello / modelo	TICN	TICN	TICN	TICN																																																																																																																																											
Werkstoff / tool material / substrat / materiale / material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM																																																																																																																																											
Gewindetoleranz / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	4HX	4HX	4HX	4HX																																																																																																																																											
Schafttoleranz / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																																																																																																											
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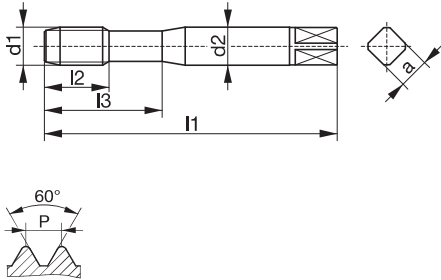











Typenbezeichnung / type / type / tipo / tipo	VARIANT 1 TIH	VARIANT 1 NI	AVANT 1 TIH13	AVANT 1 NI13																																																																																	
<p><b>UNJC-Grobgewinde ASME B1.15 und ISO 3161</b>            Unified coarse thread ASME B1.15 and ISO 3161            Filetage américain à pas gros ASME B1.15 et ISO 3161            Filettatura grossa unificata ASME B1.15 e ISO 3161            Rosca unificada gruesa ASME B1.15 e ISO 3161</p> <p>~DIN 371</p> 																																																																																					
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<b>Ausführung</b> / model / exécution / modello / modelo	TICN	TICN	TICN	TICN																																																																																	
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<b>Gewindetoleranz</b> / thread tolerance / tolérance du filetage / tolleranza di filettatura / tolerancia de la rosca	3BX	3BX	3BX	3BX																																																																																	
<b>Schafttoleranz</b> / shank tolerance / tolérance de queue / tolleranza del gambo / tolerancia del mango	h6	h6	h6	h6																																																																																	
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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																																																																													
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UNJC No6	- 32	56	12	-	4	3	2,8	109548 049033 108766 049042																																																																													
UNJC No8	- 32	63	13	-	4,5	3,4	3,5	109550 049034 109308 049043																																																																													
UNJC No10	- 24	70	16	-	6	4,9	3,9	017684 049035 108764 049044																																																																													
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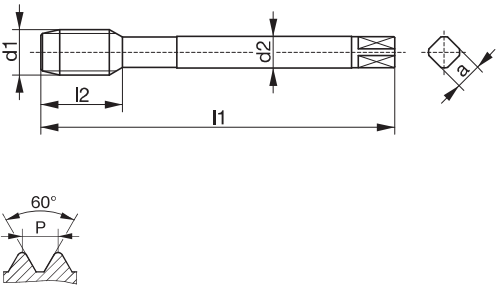











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<b>Einsatzgebiet</b> / application / application adatto per lavorazione di / aplicación	1.4-1.7 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1	1.7 / 7.3 / 9.2	1.5-1.6 / 3.2-3.4 4.4-4.6 / 5.4 6.1-6.3 / 7.2 9.1	1.7 / 4.7 / 7.3 9.2																																																																																	
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