Tüllen



Durchführungstüllen

Hauptmerkmale

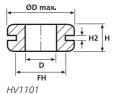
HellermannTyton Durchführungstüllen aus cadmiumfreiem Weich-PVC oder Polyethylen bieten eine große Auswahl an Formen und Größen. Sie sind beständig gegen verschiedenste Mineralien und Umwelteinflüsse.

Anwendungen

Überall, wo Leitungen und Kabel durch Ausgänge und Durchbrüche geführt werden, bieten HellermannTyton Durchführungstüllen hervorragenden mechanischen Schutz.



Durchführungstüllen, auch für Langlöcher.



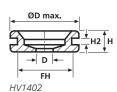


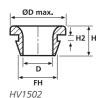
Materialdaten	
Material	Weich-PVC (PVC), cadmiumfrei
Brandschutz- eigenschaften	entspricht UL94 V2
Betriebstemperatur	-30 °C bis +60 °C
Härte Shore-A	56±5

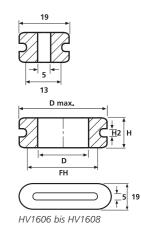
ØD max.
H2 H
D
FH
HV1301 bis HV1305



FH HV1401







633-02010 HV1201 9,5 6,4 4,0 5,6 1,6 PVC Schwarz 633-02020 HV1201B 9,5 6,4 4,0 6,5 2,5 PVC Schwarz 633-02030 HV1203 17,5 12,0 10,0 6,8 2,0 PVC Schwarz 633-02040 HV1204 17,5 12,0 10,0 8,8 4,0 PVC Schwarz 633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02070 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02080 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02090 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02150	Technische Daten									
633-01010 HV1101 25,5 19,0 12,0 10,0 1,6 PVC Schwarz 633-02010 HV1201 9,5 6,4 4,0 5,6 1,6 PVC Schwarz 633-02020 HV1201B 9,5 6,4 4,0 6,5 2,5 PVC Schwarz 633-02030 HV1203 17,5 12,0 10,0 6,8 2,0 PVC Schwarz 633-02040 HV1204 17,5 12,0 10,0 8,8 4,0 PVC Schwarz 633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02100 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02150		_								
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633-02020 HV1201B 9,5 6,4 4,0 6,5 2,5 PVC Schwarz 633-02030 HV1203 17,5 12,0 10,0 6,8 2,0 PVC Schwarz 633-02040 HV1204 17,5 12,0 10,0 8,8 4,0 PVC Schwarz 633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02070 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02080 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02180				,	12,0		1,6		Schwarz (BK)	
633-02030 HV1203 17,5 12,0 10,0 6,8 2,0 PVC Schwarz 633-02040 HV1204 17,5 12,0 10,0 8,8 4,0 PVC Schwarz 633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02060 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1219 11,0 9,0 6,0 10,5 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz	633-02010	HV1201	9,5	6,4	4,0				Schwarz (BK)	
633-02040 HV1204 17,5 12,0 10,0 8,8 4,0 PVC Schwarz 633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02060 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1211 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-03010	633-02020	HV1201B	9,5	6,4	4,0	6,5	2,5	PVC	Schwarz (BK)	
633-02050 HV1205 17,5 13,5 10,0 8,7 4,0 PVC Schwarz 633-02060 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1209 11,0 9,0 4,0 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02150 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020	633-02030	HV1203	17,5	12,0	10,0	6,8	2,0	PVC	Schwarz (BK)	
633-02060 HV1206 17,5 12,0 10,0 10,8 6,0 PVC Schwarz 633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1209 11,0 9,0 4,0 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02150 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02160 HV1215 10,0 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020	633-02040	HV1204	17,5	12,0	10,0	8,8	4,0	PVC	Schwarz (BK)	
633-02070 HV1207 14,0 10,0 6,0 6,4 1,5 PVC Schwarz 633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1209 11,0 9,0 4,0 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03030	633-02050	HV1205	17,5	13,5	10,0	8,7	4,0	PVC	Schwarz (BK)	
633-02080 HV1208 14,0 9,5 8,0 8,0 1,5 PVC Schwarz 633-02090 HV1209 11,0 9,0 4,0 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030	633-02060	HV1206	17,5	12,0	10,0	10,8	6,0	PVC	Schwarz (BK)	
633-02090 HV1209 11,0 9,0 4,0 5,5 1,5 PVC Schwarz 633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03040 HV1303 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050	633-02070	HV1207	14,0	10,0	6,0	6,4	1,5	PVC	Schwarz (BK)	
633-02100 HV1210 15,0 9,0 6,0 10,5 2,0 PVC Schwarz 633-02120 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-04010	633-02080	HV1208	14,0	9,5	8,0	8,0	1,5	PVC	Schwarz (BK)	
633-02120 HV1212 9,0 6,0 4,0 7,0 1,0 PVC Schwarz 633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-04010	633-02090	HV1209	11,0	9,0	4,0	5,5	1,5	PVC	Schwarz (BK)	
633-02150 HV1215 10,0 8,0 6,0 5,0 1,0 PVC Schwarz 633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-06068	633-02100	HV1210	15,0	9,0	6,0	10,5	2,0	PVC	Schwarz (BK)	
633-02160 HV1216 14,5 8,0 5,0 6,5 1,5 PVC Schwarz 633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020	633-02120	HV1212	9,0	6,0	4,0	7,0	1,0	PVC	Schwarz (BK)	
633-02180 HV1218 14,0 10,0 6,0 9,0 4,0 PVC Schwarz 633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06088 <td>633-02150</td> <td>HV1215</td> <td>10,0</td> <td>8,0</td> <td>6,0</td> <td>5,0</td> <td>1,0</td> <td>PVC</td> <td>Schwarz (BK)</td>	633-02150	HV1215	10,0	8,0	6,0	5,0	1,0	PVC	Schwarz (BK)	
633-03010 HV1301 15,9 11,0 8,0 7,0 1,0 PVC Schwarz 633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06088 <td>633-02160</td> <td>HV1216</td> <td>14,5</td> <td>8,0</td> <td>5,0</td> <td>6,5</td> <td>1,5</td> <td>PVC</td> <td>Schwarz (BK)</td>	633-02160	HV1216	14,5	8,0	5,0	6,5	1,5	PVC	Schwarz (BK)	
633-03020 HV1302 15,9 11,0 8,0 9,0 3,0 PVC Schwarz 633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Weiß (V 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088<	633-02180	HV1218	14,0	10,0	6,0	9,0	4,0	PVC	Schwarz (BK)	
633-03030 HV1303 15,9 11,0 8,0 6,4 1,6 PVC Schwarz 633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Weiß (V 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-03010	HV1301	15,9	11,0	8,0	7,0	1,0	PVC	Schwarz (BK)	
633-03040 HV1304 15,9 11,0 8,0 10,8 6,0 PVC Schwarz 633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Weiß (V 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-03020	HV1302	15,9	11,0	8,0	9,0	3,0	PVC	Schwarz (BK)	
633-03050 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Schwarz 633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Weiß (V 633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-03030	HV1303	15,9	11,0	8,0	6,4	1,6	PVC	Schwarz (BK)	
633-03059 HV1305 24,0 18,0 14,0 7,0 3,0 PVC Weiß (V 633-04010 HV1401 15,9) 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC	633-03040	HV1304	15,9	11,0	8,0	10,8	6,0	PVC	Schwarz (BK)	
633-04010 HV1401 15,9 9,5 5,0 4,8 0,8 PVC Schwarz 633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-03050	HV1305	24,0	18,0	14,0	7,0	3,0	PVC	Schwarz (BK)	
633-04020 HV1402 23,0 18,5 6,0 7,0 2,0 PVC Schwarz 633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-03059	HV1305	24,0	18,0	14,0	7,0	3,0	PVC	Weiß (WH)	
633-06068 HV1606 31,0 25,0 17,0 11,0 3,0 PVC Grau (C 633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-04010	HV1401	15,9	9,5	5,0	4,8	0,8	PVC	Schwarz (BK)	
633-06078 HV1607 43,0 37,0 29,0 11,0 3,0 PVC Grau (C 633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-04020	HV1402	23,0	18,5	6,0	7,0	2,0	PVC	Schwarz (BK)	
633-06088 HV1608 58,0 52,0 44,0 11,0 3,0 PVC Grau (C	633-06068	HV1606	31,0	25,0	17,0	11,0	3,0	PVC	Grau (GY)	
	633-06078	HV1607	43,0	37,0	29,0	11,0	3,0	PVC	Grau (GY)	
	633-06088	HV1608	58,0	52,0	44,0	11,0	3,0	PVC	Grau (GY)	
633-05020 HV1502 11,5 8,0 6,5 8,0 1,5 PVC Schwarz	633-05020	HV1502	11,5	8,0	6,5	8,0	1,5	PVC	Schwarz (BK)	



