

Viti a inserto sferico• senza testa, sfera piena EH 22720.

Descrizione prodotto

L'esecuzione con sfera in plastica serve per non danneggiare la superficie di pezzi delicati.
Per il posizionamento, il bloccaggio, il serraggio e il supporto anche di superfici non allineate.



Materiale

Sfera

- Acciaio da cuscinetti, temperato
- Acciaio inox, temperato
- Termoplastica POM, bianca

Vite

- Acciaio bonificato, 1200 ±100 N/mm²
- Acciaio inox 1.4305

Maggiori informazioni

Note

Sfera SENZA dispositivo antirovesciamento
Esecuzioni speciali a richiesta.

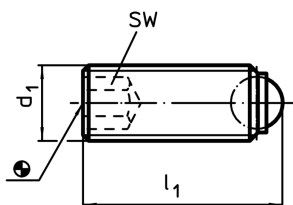
Riferimenti

Esecuzione con filetto frenato a richiesta, vedere appendice - Dati tecnici -

Altri prodotti

- Viti a inserto sferico, senza testa, a passo fine
- Viti a inserto sferico, senza testa, sfera piena

Disegno



Caratteristiche

d ₁	Dimensioni		SW [mm]	Carico solo statico ¹⁾ max. [kN]	min. max. [°C]		[g]	Cod.
	l ₁ [mm]	ball diameter						
Sfera piena, Acciaio								
M 3	5,0	1,5	1,5	2,5	–	250	0,15	22720.0032
M 3	7,5	1,5	1,5	2,5	–	250	0,22	22720.0033
M 3	10,0	1,5	1,5	2,5	–	250	0,33	22720.0034
M 4	6,0	2,5	2,0	3,5	–	250	0,54	22720.0042
M 4	8,0	2,5	2,0	3,5	–	250	0,61	22720.0043
M 4	10,0	2,5	2,0	3,5	–	250	0,80	22720.0044
M 4	12,0	2,5	2,0	3,5	–	250	0,69	22720.0045
M 4	16,0	2,5	2,0	3,5	–	250	1,20	22720.0046
M 5	8,0	3,0	2,5	4,5	–	250	0,80	22720.0052
M 5	10,0	3,0	2,5	4,5	–	250	1,06	22720.0053
M 5	12,0	3,0	2,5	4,5	–	250	1,30	22720.0054
M 5	16,0	3,0	2,5	4,5	–	250	1,53	22720.0055
M 5	20,0	3,0	2,5	4,5	–	250	2,20	22720.0056
M 5	25,0	3,0	2,5	4,5	–	250	2,80	22720.0058
M 6	10,8	4,0	3,0	9,0	–	250	1,53	22720.0062
M 6	12,8	4,0	3,0	9,0	–	250	1,86	22720.0063
M 6	16,8	4,0	3,0	9,0	–	250	2,50	22720.0064
M 6	20,8	4,0	3,0	9,0	–	250	3,30	22720.0065
M 6	25,8	4,0	3,0	9,0	–	250	4,00	22720.0066
M 8	11,2	5,5	4,0	15,0	–	250	2,60	22720.0081
M 8	13,2	5,5	4,0	15,0	–	250	3,00	22720.0082
M 8	17,2	5,5	4,0	15,0	–	250	4,20	22720.0083
M 8	21,2	5,5	4,0	15,0	–	250	5,40	22720.0084
M 8	26,2	5,5	4,0	15,0	–	250	6,90	22720.0085



¹⁾ I valori di carico indicati non valgono per l'esecuzione in acciaio inox (eccetto i modelli dotati di sfera in plastica)

d ₁	Dimensioni		SW [mm]	Carico solo statico ¹⁾ max. [kN]	min.	max.	[g]	Cod.
	l ₁ [mm]	ball diameter						
M 8	31,2	5,5	4,0	15,0	–	250	8,40	22720.0086
M10	13,7	7,0	5,0	20,0	–	250	4,80	22720.0101
M10	17,7	7,0	5,0	20,0	–	250	6,20	22720.0102
M10	21,7	7,0	5,0	20,0	–	250	8,10	22720.0103
M10	26,7	7,0	5,0	20,0	–	250	11,00	22720.0104
M10	31,7	7,0	5,0	20,0	–	250	13,00	22720.0105
M10	36,7	7,0	5,0	20,0	–	250	15,00	22720.0106
M10	41,7	7,0	5,0	20,0	–	250	15,00	22720.0108
M12	18,0	8,5	6,0	30,0	–	250	9,30	22720.0121
M12	22,0	8,5	6,0	30,0	–	250	11,00	22720.0122
M12	27,0	8,5	6,0	30,0	–	250	15,00	22720.0123
M12	32,0	8,5	6,0	30,0	–	250	18,00	22720.0124
M12	42,0	8,5	6,0	30,0	–	250	25,00	22720.0126
M12	52,0	8,5	6,0	30,0	–	250	32,50	22720.0128
M16	23,3	12,0	8,0	60,0	–	250	22,00	22720.0161
M16	28,3	12,0	8,0	60,0	–	250	27,00	22720.0162
M16	38,3	12,0	8,0	60,0	–	250	40,00	22720.0164
M16	53,3	12,0	8,0	60,0	–	250	62,00	22720.0166
M20	34,2	15,0	10,0	90,0	–	250	52,00	22720.0202
M20	44,2	15,0	10,0	90,0	–	250	72,00	22720.0204
M20	54,2	15,0	10,0	90,0	–	250	93,00	22720.0205
M20	64,2	15,0	10,0	90,0	–	250	115,00	22720.0206
M24	39,7	18,0	12,0	120,0	–	250	87,00	22720.0242
M24	54,7	18,0	12,0	120,0	–	250	129,00	22720.0244
M24	84,7	18,0	12,0	120,0	–	250	222,00	22720.0246
Sfera piena, Acciaio inox								
M 3	5,0	1,5	1,5	2,5	–	250	0,15	22720.0747
M 3	7,5	1,5	1,5	2,5	–	250	0,22	22720.0748
M 3	10,0	1,5	1,5	2,5	–	250	0,33	22720.0749
M 4	6,0	2,5	2,0	3,5	–	250	0,54	22720.0750
M 4	8,0	2,5	2,0	3,5	–	250	0,61	22720.0752
M 4	10,0	2,5	2,0	3,5	–	250	0,80	22720.0754
M 4	12,0	2,5	2,0	3,5	–	250	0,69	22720.0756
M 4	16,0	2,5	2,0	3,5	–	250	1,20	22720.0758
M 5	8,0	3,0	2,5	4,5	–	250	0,80	22720.0760
M 5	10,0	3,0	2,5	4,5	–	250	1,06	22720.0761
M 5	12,0	3,0	2,5	4,5	–	250	1,30	22720.0762
M 5	16,0	3,0	2,5	4,5	–	250	1,53	22720.0763
M 5	20,0	3,0	2,5	4,5	–	250	2,20	22720.0764
M 5	25,0	3,0	2,5	4,5	–	250	2,80	22720.0765
M 6	10,8	4,0	3,0	9,0	–	250	1,53	22720.0770
M 6	12,8	4,0	3,0	9,0	–	250	1,86	22720.0772
M 6	16,8	4,0	3,0	9,0	–	250	2,50	22720.0774
M 6	20,8	4,0	3,0	9,0	–	250	3,30	22720.0775
M 6	25,8	4,0	3,0	9,0	–	250	4,00	22720.0776
M 8	11,2	5,5	4,0	15,0	–	250	2,60	22720.0780
M 8	13,2	5,5	4,0	15,0	–	250	3,00	22720.0782
M 8	17,2	5,5	4,0	15,0	–	250	4,20	22720.0783
M 8	21,2	5,5	4,0	15,0	–	250	5,40	22720.0784
M 8	26,2	5,5	4,0	15,0	–	250	6,90	22720.0785
M 8	31,2	5,5	4,0	15,0	–	250	8,40	22720.0786
M10	13,7	7,0	5,0	20,0	–	250	4,80	22720.0790
M10	17,7	7,0	5,0	20,0	–	250	6,20	22720.0792
M10	21,7	7,0	5,0	20,0	–	250	8,10	22720.0793
M10	26,7	7,0	5,0	20,0	–	250	11,00	22720.0794
M10	31,7	7,0	5,0	20,0	–	250	13,00	22720.0795
M10	36,7	7,0	5,0	20,0	–	250	15,00	22720.0796
M10	41,7	7,0	5,0	20,0	–	250	15,00	22720.0798
M12	18,0	8,5	6,0	30,0	–	250	9,30	22720.0800
M12	22,0	8,5	6,0	30,0	–	250	11,00	22720.0802

¹⁾ I valori di carico indicati non valgono per l'esecuzione in acciaio inox (eccetto i modelli dotati di sfera in plastica)

d ₁	Dimensioni		SW [mm]	Carico solo statico ¹⁾ max. [kN]	min.	max.	[g]	Cod.
	l ₁ [mm]	ball diameter						
M12	27,0	8,5	6,0	30,0	-	250	15,00	22720.0803
M12	32,0	8,5	6,0	30,0	-	250	18,00	22720.0804
M12	42,0	8,5	6,0	30,0	-	250	25,00	22720.0806
M12	52,0	8,5	6,0	30,0	-	250	32,50	22720.0808
M16	23,3	12,0	8,0	60,0	-	250	22,00	22720.0810
M16	28,3	12,0	8,0	60,0	-	250	27,00	22720.0812
M16	38,3	12,0	8,0	60,0	-	250	40,00	22720.0814
M16	53,3	12,0	8,0	60,0	-	250	62,00	22720.0816
Sfera piena in plastica, Acciaio inox								
M 4	6,0	2,5	2,0	0,3	-30	80	0,23	22720.0252
M 4	8,0	2,5	2,0	0,3	-30	80	0,35	22720.0253
M 4	10,0	2,5	2,0	0,3	-30	80	0,70	22720.0254
M 4	12,0	2,5	2,0	0,3	-30	80	0,85	22720.0255
M 4	16,0	2,5	2,0	0,3	-30	80	1,05	22720.0256
M 5	8,0	3,0	2,5	0,5	-30	80	0,76	22720.0262
M 5	10,0	3,0	2,5	0,5	-30	80	0,75	22720.0263
M 5	12,0	3,0	2,5	0,5	-30	80	1,20	22720.0264
M 5	16,0	3,0	2,5	0,5	-30	80	1,43	22720.0265
M 5	20,0	3,0	2,5	0,5	-30	80	1,90	22720.0266
M 5	25,0	3,0	2,5	0,5	-30	80	2,50	22720.0267
M 6	10,8	4,0	3,0	0,9	-30	80	1,10	22720.0272
M 6	12,8	4,0	3,0	0,9	-30	80	1,43	22720.0273
M 6	16,8	4,0	3,0	0,9	-30	80	2,09	22720.0274
M 6	20,8	4,0	3,0	0,9	-30	80	2,74	22720.0275
M 6	25,8	4,0	3,0	0,9	-30	80	3,80	22720.0276
M 8	11,2	5,5	4,0	1,5	-30	80	1,92	22720.0281
M 8	13,2	5,5	4,0	1,5	-30	80	2,40	22720.0282
M 8	17,2	5,5	4,0	1,5	-30	80	3,60	22720.0283
M 8	21,2	5,5	4,0	1,5	-30	80	4,60	22720.0284
M 8	26,2	5,5	4,0	1,5	-30	80	6,30	22720.0285
M 8	31,2	5,5	4,0	1,5	-30	80	7,80	22720.0286
M10	13,7	7,0	5,0	2,0	-30	80	3,50	22720.0291
M10	17,7	7,0	5,0	2,0	-30	80	4,80	22720.0292
M10	21,7	7,0	5,0	2,0	-30	80	6,80	22720.0293
M10	26,7	7,0	5,0	2,0	-30	80	9,40	22720.0294
M10	31,7	7,0	5,0	2,0	-30	80	12,00	22720.0295
M10	36,7	7,0	5,0	2,0	-30	80	14,00	22720.0296
M10	41,7	7,0	5,0	2,0	-30	80	17,00	22720.0297
M12	18,0	8,5	6,0	3,0	-30	80	6,80	22720.0301
M12	22,0	8,5	6,0	3,0	-30	80	9,20	22720.0302
M12	27,0	8,5	6,0	3,0	-30	80	12,00	22720.0303
M12	32,0	8,5	6,0	3,0	-30	80	16,00	22720.0304
M12	42,0	8,5	6,0	3,0	-30	80	23,00	22720.0306
M12	52,0	8,5	6,0	3,0	-30	80	30,00	22720.0308
Sfera piena in plastica, Acciaio								
M 4	6,0	2,5	2,0	0,3	-30	80	0,23	22720.0342
M 4	8,0	2,5	2,0	0,3	-30	80	0,35	22720.0343
M 4	10,0	2,5	2,0	0,3	-30	80	0,70	22720.0344
M 4	12,0	2,5	2,0	0,3	-30	80	0,85	22720.0345
M 4	16,0	2,5	2,0	0,3	-30	80	1,05	22720.0346
M 5	8,0	3,0	2,5	0,5	-30	80	0,76	22720.0352
M 5	10,0	3,0	2,5	0,5	-30	80	0,75	22720.0353
M 5	12,0	3,0	2,5	0,5	-30	80	1,20	22720.0354
M 5	16,0	3,0	2,5	0,5	-30	80	1,43	22720.0355
M 5	20,0	3,0	2,5	0,5	-30	80	1,90	22720.0356
M 5	25,0	3,0	2,5	0,5	-30	80	2,50	22720.0358
M 6	10,8	4,0	3,0	0,9	-30	80	1,10	22720.0362
M 6	12,8	4,0	3,0	0,9	-30	80	1,43	22720.0363
M 6	16,8	4,0	3,0	0,9	-30	80	2,09	22720.0364
M 6	20,8	4,0	3,0	0,9	-30	80	2,74	22720.0365

¹⁾ I valori di carico indicati non valgono per l'esecuzione in acciaio inox (eccetto i modelli dotati di sfera in plastica)

d ₁	Dimensioni		SW [mm]	Carico solo statico ¹⁾ max. [kN]	 min. max. [°C]		 [g]	Cod.
	l ₁ [mm]	ball diameter						
M 6	25,8	4,0	3,0	0,9	-30	80	3,80	22720.0366
M 8	11,2	5,5	4,0	1,5	-30	80	1,92	22720.0381
M 8	13,2	5,5	4,0	1,5	-30	80	2,40	22720.0382
M 8	17,2	5,5	4,0	1,5	-30	80	3,60	22720.0383
M 8	21,2	5,5	4,0	1,5	-30	80	4,60	22720.0384
M 8	26,2	5,5	4,0	1,5	-30	80	6,30	22720.0385
M 8	31,2	5,5	4,0	1,5	-30	80	7,80	22720.0386
M10	13,7	7,0	5,0	2,0	-30	80	3,50	22720.0401
M10	17,7	7,0	5,0	2,0	-30	80	4,80	22720.0402
M10	21,7	7,0	5,0	2,0	-30	80	6,80	22720.0403
M10	26,7	7,0	5,0	2,0	-30	80	9,40	22720.0404
M10	31,7	7,0	5,0	2,0	-30	80	12,00	22720.0405
M10	36,7	7,0	5,0	2,0	-30	80	14,00	22720.0406
M10	41,7	7,0	5,0	2,0	-30	80	17,00	22720.0408
M12	18,0	8,5	6,0	3,0	-30	80	6,80	22720.0421
M12	22,0	8,5	6,0	3,0	-30	80	9,20	22720.0422
M12	27,0	8,5	6,0	3,0	-30	80	12,00	22720.0423
M12	32,0	8,5	6,0	3,0	-30	80	16,00	22720.0424
M12	42,0	8,5	6,0	3,0	-30	80	23,00	22720.0426
M12	52,0	8,5	6,0	3,0	-30	80	30,00	22720.0428

¹⁾ I valori di carico indicati non valgono per l'esecuzione in acciaio inox (eccetto i modelli dotati di sfera in plastica)

Esempio di applicazione

