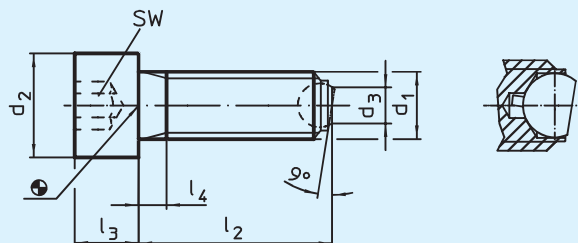


EH 22700.

Viti a inserto sferico

con testa, sfera antirovesciamento



Inserto sferico antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

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

Sfera:

- Acciaio da cuscinetti, temperato
- Acciaio inox temperato

Nota:

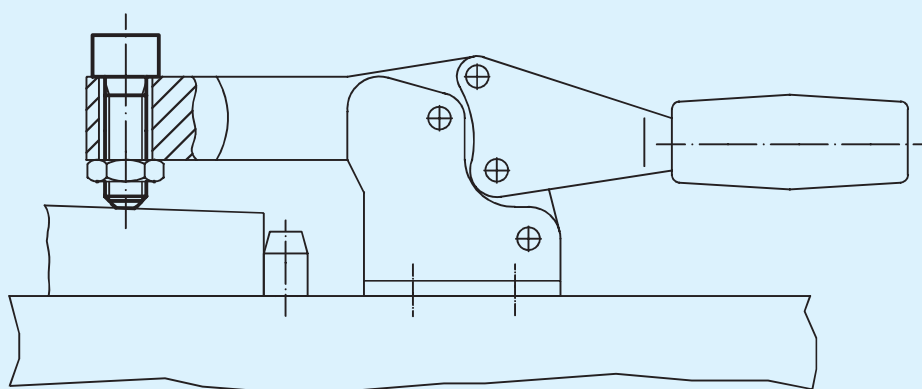
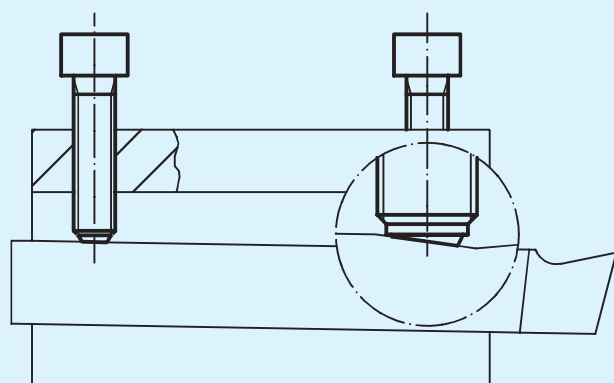
Le viti a inserto sferico rendono possibile il bloccaggio o il sostegno di pezzi con superfici non allineate. La sfera mobile permette di allineare la forza applicata.

Prestare attenzione allo scarico l₄!

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₂	d ₃	l ₃	l ₄	Sfera	SW	Carico solo statico max. kN*	g
22700.0062	22700.0302	Sfera spianata, liscia	M 6	20	10	3,2	6	3,0	4,0	5	6	6,1
22700.0064	22700.0304		M 6	30	10	3,2	6	3,0	4,0	5	6	7,7
22700.0066	22700.0306		M 6	40	10	3,2	6	16,0	4,0	5	6	10,0
22700.0082	22700.0312		M 8	20	13	4,5	8	3,5	5,5	6	9	13,0
22700.0084	22700.0314		M 8	35	13	4,5	8	3,5	5,5	6	9	17,0
22700.0086	22700.0316		M 8	50	13	4,5	8	22,0	5,5	6	9	23,0
22700.0102	22700.0322		M 10	25	16	6,0	10	4,5	7,0	8	12	24,0
22700.0104	22700.0324		M 10	40	16	6,0	10	4,5	7,0	8	12	31,0
22700.0106	22700.0326		M 10	60	16	6,0	10	28,0	7,0	8	12	44,0
22700.0122	22700.0332		M 12	30	18	7,2	12	5,0	8,5	10	18	38,0
22700.0124	22700.0334		M 12	50	18	7,2	12	5,0	8,5	10	18	52,0
22700.0126	22700.0336		M 12	80	18	7,2	12	44,0	8,5	10	18	80,0
22700.0162	22700.0342		M 16	40	24	10,7	16	6,0	12,0	14	36	92,0
22700.0164	22700.0344		M 16	60	24	10,7	16	6,0	12,0	14	36	118,0
22700.0166	22700.0346		M 16	80	24	10,7	16	36,0	12,0	14	36	153,0
22700.0172	—		M 20	50	30	13,5	20	7,5	15,0	17	60	181,0
22700.0174	—		M 20	80	30	13,5	20	28,0	15,0	17	60	255,0
22700.0176	—		M 20	100	30	13,5	20	48,0	15,0	17	60	304,0
22700.0182	—		M 24	60	36	15,8	24	9,0	18,0	19	80	325,0
22700.0184	—		M 24	90	36	15,8	24	30,0	18,0	19	80	430,0
22700.0186	—		M 24	120	36	15,8	24	60,0	18,0	19	80	535,0
22700.0192	—		M 8	20	13	4,5	8	3,5	5,5	6	9	13,0
22700.0194	—		M 8	35	13	4,5	8	3,5	5,5	6	9	17,0
22700.0196	—		M 8	50	13	4,5	8	22,0	5,5	6	9	23,0
22700.0202	—		M 10	25	16	6,0	10	4,5	7,0	8	12	24,0
22700.0204	—		M 10	40	16	6,0	10	4,5	7,0	8	12	31,0
22700.0206	—		M 10	60	16	6,0	10	28,0	7,0	8	12	43,0
22700.0222	—		M 12	30	18	7,2	12	5,0	8,5	10	18	39,0
22700.0224	—		M 12	50	18	7,2	12	5,0	8,5	10	18	52,0
22700.0226	—		M 12	80	18	7,2	12	44,0	8,5	10	18	80,0
22700.0262	—		M 16	40	24	10,7	16	6,0	12,0	14	36	94,0
22700.0264	—		M 16	60	24	10,7	16	6,0	12,0	14	36	119,0
22700.0266	—		M 16	80	24	10,7	16	36,0	12,0	14	36	154,0
22700.0272	—		M 20	50	30	13,5	20	7,5	15,0	17	60	181,0
22700.0274	—		M 20	80	30	13,5	20	28,0	15,0	17	60	251,0
22700.0276	—		M 20	100	30	13,5	20	48,0	15,0	17	60	298,0
22700.0282	—		M 24	60	36	15,8	24	9,0	18,0	19	80	325,0
22700.0284	—		M 24	90	36	15,8	24	30,0	18,0	19	80	427,0
22700.0286	—		M 24	120	36	15,8	24	60,0	18,0	19	80	535,0

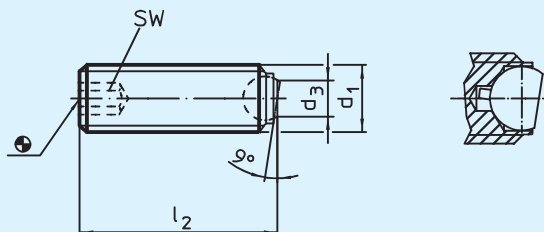
* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.

Continua dalla pagina precedente

EH 22700.**Viti a inserto
sferico**con testa, sfera
antirovesciamento

EH 22700.**Viti a inserto sferico**

senza testa, sfera antirovesciamento



Inserto sferico antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

- Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$
- Acciaio inox 1.4305

Sfera:

- Acciaio da cuscinetti, temperato
- Acciaio inox temperato

Nota:

Le viti a inserto sferico rendono possibile il bloccaggio o il sostegno di pezzi con superfici non allineate. La sfera mobile permette di allineare la forza applicata.

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₃	Sfera	SW	Carico solo statico max. kN*	g
22700.0563	22700.0803	Sfera spianata, liscia	M 6	12	3,2	4,0	3	6	1,6
22700.0564	22700.0804		M 6	16	3,2	4,0	3	6	2,3
22700.0565	22700.0805		M 6	20	3,2	4,0	3	6	2,9
22700.0566	22700.0806		M 6	25	3,2	4,0	3	6	3,8
22700.0583	22700.0813		M 8	16	4,5	5,5	4	9	3,7
22700.0584	22700.0814		M 8	20	4,5	5,5	4	9	5,1
22700.0585	22700.0815		M 8	25	4,5	5,5	4	9	6,5
22700.0586	22700.0816		M 8	30	4,5	5,5	4	9	8,1
22700.0603	22700.0823		M 10	20	6,0	7,0	5	12	7,6
22700.0604	22700.0824		M 10	25	6,0	7,0	5	12	10,0
22700.0606	22700.0826	Sfera spianata, zigrinata	M 10	35	6,0	7,0	5	12	15,0
22700.0608	22700.0828		M 10	40	6,0	7,0	5	12	17,0
22700.0622	22700.0832		M 12	20	7,2	8,5	6	18	11,0
22700.0624	22700.0834		M 12	30	7,2	8,5	6	18	18,0
22700.0626	22700.0836		M 12	40	7,2	8,5	6	18	24,0
22700.0628	22700.0838		M 12	50	7,2	8,5	6	18	32,0
22700.0664	22700.0844		M 16	35	10,7	12,0	8	36	38,0
22700.0666	22700.0846		M 16	50	10,7	12,0	8	36	60,0
22700.0672	—		M 20	30	13,5	15,0	10	60	52,0
22700.0674	—		M 20	40	13,5	15,0	10	60	70,0
22700.0675	—	Sfera sferica, zigrinata	M 20	50	13,5	15,0	10	60	90,0
22700.0676	—		M 20	60	13,5	15,0	10	60	111,0
22700.0682	—		M 24	35	15,8	18,0	12	80	86,0
22700.0684	—		M 24	50	15,8	18,0	12	80	125,0
22700.0686	—		M 24	80	15,8	18,0	12	80	216,0
22700.0693	—		M 8	16	4,5	5,5	4	9	3,7
22700.0694	—		M 8	20	4,5	5,5	4	9	4,9
22700.0695	—		M 8	25	4,5	5,5	4	9	6,6
22700.0696	—		M 8	30	4,5	5,5	4	9	8,0
22700.0703	—		M 10	20	6,0	7,0	5	12	7,5
22700.0704	—	Sfera sferica, liscia	M 10	25	6,0	7,0	5	12	9,9
22700.0706	—		M 10	35	6,0	7,0	5	12	15,0
22700.0708	—		M 10	40	6,0	7,0	5	12	17,0
22700.0722	—		M 12	20	7,2	8,5	6	18	11,0
22700.0724	—		M 12	30	7,2	8,5	6	18	18,0
22700.0726	—		M 12	40	7,2	8,5	6	18	24,0
22700.0728	—		M 12	50	7,2	8,5	6	18	32,0
22700.0764	—		M 16	35	10,7	12,0	8	36	38,0
22700.0766	—		M 16	50	10,7	12,0	8	36	60,0

* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.

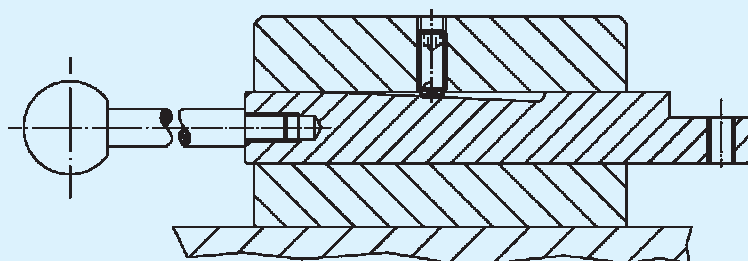
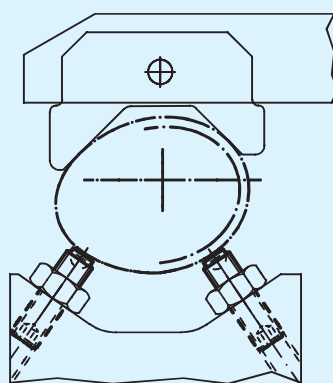
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EH 22700.

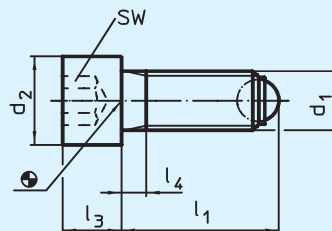
**Viti a inserto
sferico****senza testa, sfera
antirovesciamento**

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₃	Sfera	SW	Carico solo statico max. kN*	g
22700.0772	—	Sfera spianata,	M 20	30	13,5	15,0	10	60	51,0
22700.0774	—	zigrinata	M 20	40	13,5	15,0	10	60	69,0
22700.0775	—		M 20	50	13,5	15,0	10	60	90,0
22700.0776	—		M 20	60	13,5	15,0	10	60	110,0
22700.0782	—		M 24	35	15,8	18,0	12	80	84,0
22700.0784	—		M 24	50	15,8	18,0	12	80	128,0
22700.0786	—		M 24	80	15,8	18,0	12	80	215,0

* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.



EH 22710.

Viti a inserto
sfericocon testa,
sfera piena

Sfera SENZA dispositivo antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

- Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$
- Acciaio inox 1.4305

Sfera:

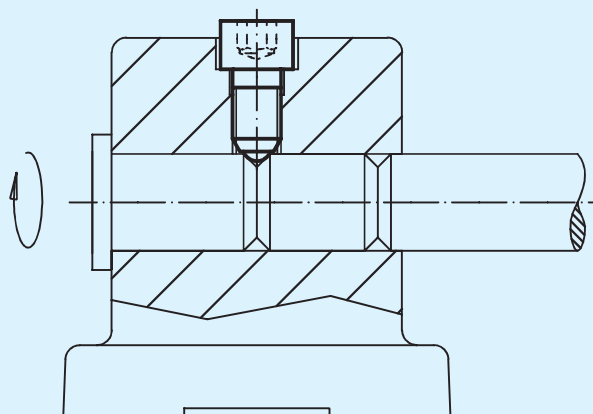
- Acciaio da cuscinetti, temperato
- Acciaio inox temperato

Nota:

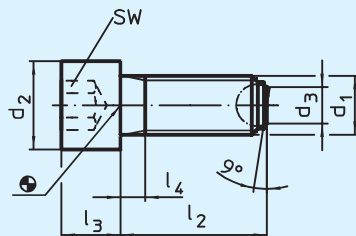
Le viti a inserto sferico rendono possibile il bloccaggio o il sostegno di pezzi con superfici non allineate. La sfera mobile permette di allineare la forza applicata.

Codice Acciaio bonificato	Codice Acciaio inox	d ₁	l ₁	d ₂	l ₃	l ₄	Sfera	SW	Carico solo statico max. kN*	g
22710.0062	22710.0752	M 6	20,8	10	6	3,0	4,0	5	9	6,2
22710.0064	22710.0754	M 6	30,8	10	6	3,0	4,0	5	9	8,0
22710.0066	22710.0756	M 6	40,8	10	6	16,0	4,0	5	9	10,0
22710.0082	22710.0762	M 8	21,2	13	8	3,5	5,5	6	15	13,0
22710.0084	22710.0764	M 8	36,2	13	8	3,5	5,5	6	15	17,0
22710.0086	22710.0766	M 8	51,2	13	8	22,0	5,5	6	15	24,0
22710.0102	22710.0772	M 10	26,7	16	10	4,5	7,0	8	20	24,0
22710.0104	22710.0774	M 10	41,7	16	10	4,5	7,0	8	20	31,0
22710.0106	22710.0776	M 10	61,7	16	10	28,0	7,0	8	20	44,0
22710.0122	22710.0782	M 12	32,0	18	12	5,0	8,5	10	30	38,0
22710.0124	22710.0784	M 12	52,0	18	12	5,0	8,5	10	30	52,0
22710.0126	22710.0786	M 12	82,0	18	12	44,0	8,5	10	30	79,0
22710.0162	22710.0792	M 16	43,3	24	16	6,0	12,0	14	60	94,0
22710.0164	22710.0794	M 16	63,3	24	16	6,0	12,0	14	60	119,0
22710.0166	22710.0796	M 16	83,3	24	16	36,0	12,0	14	60	156,0
22710.0202	—	M 20	54,2	30	20	7,5	15,0	17	90	183,0
22710.0204	—	M 20	84,2	30	20	28,0	15,0	17	90	254,0
22710.0206	—	M 20	104,2	30	20	48,0	15,0	17	90	307,0
22710.0242	—	M 24	64,7	36	24	9,0	18,0	19	120	331,0
22710.0244	—	M 24	94,7	36	24	30,0	18,0	19	120	430,0
22710.0246	—	M 24	124,7	36	24	60,0	18,0	19	120	537,0

* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.



EH 22710.

Viti a inserto
sfericocon testa, sfera
spianata

Sfera SENZA dispositivo antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite: • Acciaio bonificato, 1200 ± 100 N/mm²
• Acciaio inox 1.4305

Sfera: • Acciaio da cuscinetti, temperato
• Acciaio inox temperato

Nota:

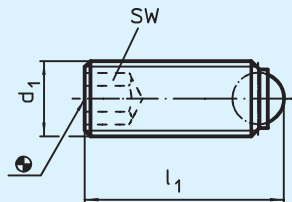
Le viti a inserto sferico rendono possibile il bloccaggio o il sostegno di pezzi con superfici non allineate. La sfera mobile permette di allineare la forza applicata.

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₂	d ₃	l ₃	l ₄	Sfera	SW	Carico solo statico max. kN*	g
22710.0562	22710.0832	Sfera spianata liscia	M 6	20	10	3,2	6	3,0	4,0	5	9	6,1
22710.0564	22710.0834		M 6	30	10	3,2	6	3,0	4,0	5	9	7,6
22710.0566	22710.0836		M 6	40	10	3,2	6	16,0	4,0	5	9	10,0
22710.0582	22710.0842		M 8	20	13	4,5	8	3,5	5,5	6	15	13,0
22710.0584	22710.0844		M 8	35	13	4,5	8	3,5	5,5	6	15	17,0
22710.0586	22710.0846		M 8	50	13	4,5	8	22,0	5,5	6	15	23,0
22710.0602	22710.0852		M 10	25	16	6,0	10	4,5	7,0	8	20	24,0
22710.0604	22710.0854		M 10	40	16	6,0	10	4,5	7,0	8	20	31,0
22710.0606	22710.0856		M 10	60	16	6,0	10	28,0	7,0	8	20	44,0
22710.0622	22710.0862		M 12	30	18	7,2	12	5,0	8,5	10	30	38,0
22710.0624	22710.0864		M 12	50	18	7,2	12	5,0	8,5	10	30	52,0
22710.0626	22710.0866		M 12	80	18	7,2	12	44,0	8,5	10	30	79,0
22710.0662	22710.0872		M 16	40	24	10,7	16	6,0	12,0	14	60	92,0
22710.0664	22710.0874		M 16	60	24	10,7	16	6,0	12,0	14	60	120,0
22710.0666	22710.0876		M 16	80	24	10,7	16	36,0	12,0	14	60	155,0
22710.0702	—	Sfera spianata zigrinata	M 20	50	30	13,5	20	7,5	15,0	17	90	182,0
22710.0704	—		M 20	80	30	13,5	20	28,0	15,0	17	90	255,0
22710.0706	—		M 20	100	30	13,5	20	48,0	15,0	17	90	305,0
22710.0742	—		M 24	60	36	15,8	24	9,0	18,0	19	120	325,0
22710.0744	—		M 24	90	36	15,8	24	30,0	18,0	19	120	422,0
22710.0746	—		M 24	120	36	15,8	24	60,0	18,0	19	120	534,0
22710.0892	—		M 8	20	13	4,5	8	3,5	5,5	6	15	12,0
22710.0894	—		M 8	35	13	4,5	8	3,5	5,5	6	15	17,0
22710.0896	—		M 8	50	13	4,5	8	22,0	5,5	6	15	23,0
22710.0902	—		M 10	25	16	6,0	10	4,5	7,0	8	20	24,0
22710.0904	—		M 10	40	16	6,0	10	4,5	7,0	8	20	31,0
22710.0906	—		M 10	60	16	6,0	10	28,0	7,0	8	20	44,0
22710.0922	—		M 12	30	18	7,2	12	5,0	8,5	10	30	39,0
22710.0924	—		M 12	50	18	7,2	12	5,0	8,5	10	30	53,0
22710.0926	—		M 12	80	18	7,2	12	44,0	8,5	10	30	79,0
22710.0962	—		M 16	40	24	10,7	16	6,0	12,0	14	60	92,0
22710.0964	—		M 16	60	24	10,7	16	6,0	12,0	14	60	118,0
22710.0966	—		M 16	80	24	10,7	16	36,0	12,0	14	60	155,0
22710.0972	—		M 20	50	30	13,5	20	7,5	15,0	17	90	180,0
22710.0974	—		M 20	80	30	13,5	20	28,0	15,0	17	90	254,0
22710.0976	—		M 20	100	30	13,5	20	48,0	15,0	17	90	303,0
22710.0982	—		M 24	60	36	15,8	24	9,0	18,0	19	120	324,0
22710.0984	—		M 24	90	36	15,8	24	30,0	18,0	19	120	427,0
22710.0986	—		M 24	120	36	15,8	24	60,0	18,0	19	120	536,0

* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.



EH 22720.

Viti a inserto
sfericosenza testa,
sfera piena

Sfera SENZA dispositivo antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

- Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$
- Acciaio inox 1.4305

Sfera:

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

Nota:

L'esecuzione con sfera in plastica serve per non danneggiare la superficie di pezzi delicati.

Per posizionare, fermare, bloccare e supportare anche superfici non allineate.

Disponibili anche con sfera spianata / passo fine.

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₁	Sfera	SW	Carico solo statico max. kN*	g
22720.0032	22720.0747	Sfera piena	M 3	5,0	1,5	1,5	2,5	0,15
22720.0033	22720.0748		M 3	7,5	1,5	1,5	2,5	0,22
22720.0034	22720.0749		M 3	10,0	1,5	1,5	2,5	0,33
22720.0042	22720.0750		M 4	6,0	2,5	2,0	3,5	0,54
22720.0043	22720.0752		M 4	8,0	2,5	2,0	3,5	0,61
22720.0044	22720.0754		M 4	10,0	2,5	2,0	3,5	0,80
22720.0045	22720.0756		M 4	12,0	2,5	2,0	3,5	0,69
22720.0046	22720.0758		M 4	16,0	2,5	2,0	3,5	1,20
22720.0052	22720.0760		M 5	8,0	3,0	2,5	4,5	0,80
22720.0053	22720.0761		M 5	10,0	3,0	2,5	4,5	1,06
22720.0054	22720.0762		M 5	12,0	3,0	2,5	4,5	1,30
22720.0055	22720.0763		M 5	16,0	3,0	2,5	4,5	1,53
22720.0056	22720.0764		M 5	20,0	3,0	2,5	4,5	2,20
22720.0058	22720.0765		M 5	25,0	3,0	2,5	4,5	2,80
22720.0062	22720.0770		M 6	10,8	4,0	3,0	9,0	1,53
22720.0063	22720.0772		M 6	12,8	4,0	3,0	9,0	1,86
22720.0064	22720.0774		M 6	16,8	4,0	3,0	9,0	2,50
22720.0065	22720.0775		M 6	20,8	4,0	3,0	9,0	3,30
22720.0066	22720.0776		M 6	25,8	4,0	3,0	9,0	4,00
22720.0081	22720.0780		M 8	11,2	5,5	4,0	15,0	2,60
22720.0082	22720.0782		M 8	13,2	5,5	4,0	15,0	3,00
22720.0083	22720.0783		M 8	17,2	5,5	4,0	15,0	4,20
22720.0084	22720.0784		M 8	21,2	5,5	4,0	15,0	5,40
22720.0085	22720.0785		M 8	26,2	5,5	4,0	15,0	6,90
22720.0086	22720.0786		M 8	31,2	5,5	4,0	15,0	8,40
22720.0101	22720.0790		M 10	13,7	7,0	5,0	20,0	4,80
22720.0102	22720.0792		M 10	17,7	7,0	5,0	20,0	6,20
22720.0103	22720.0793		M 10	21,7	7,0	5,0	20,0	8,10
22720.0104	22720.0794		M 10	26,7	7,0	5,0	20,0	11,00
22720.0105	22720.0795		M 10	31,7	7,0	5,0	20,0	13,00
22720.0106	22720.0796		M 10	36,7	7,0	5,0	20,0	15,00
22720.0108	22720.0798		M 10	41,7	7,0	5,0	20,0	15,00
22720.0121	22720.0800		M 12	18,0	8,5	6,0	30,0	9,30
22720.0122	22720.0802		M 12	22,0	8,5	6,0	30,0	11,00
22720.0123	22720.0803		M 12	27,0	8,5	6,0	30,0	15,00
22720.0124	22720.0804		M 12	32,0	8,5	6,0	30,0	18,00
22720.0126	22720.0806		M 12	42,0	8,5	6,0	30,0	25,00
22720.0128	22720.0808		M 12	52,0	8,5	6,0	30,0	32,50
22720.0161	22720.0810		M 16	23,3	12,0	8,0	60,0	22,00
22720.0162	22720.0812		M 16	28,3	12,0	8,0	60,0	27,00
22720.0164	22720.0814		M 16	38,3	12,0	8,0	60,0	40,00
22720.0166	22720.0816		M 16	53,3	12,0	8,0	60,0	62,00

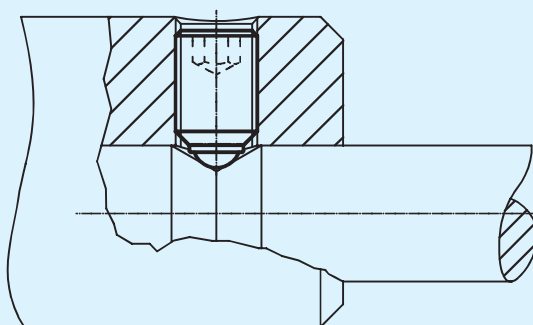
* I valori di carico indicati non valgono per l'esecuzione in acciaio inox (eccetto i modelli dotati di sfera in plastica)

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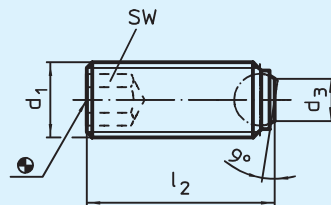
EH 22720.**Viti a inserto sferico****senza testa, sfera piena**

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₁	Sfera	SW	Carico solo statico max. kN*	g
22720.0202	—	Sfera piena	M 20	34,2	15,0	10,0	90,0	52,00
22720.0204	—		M 20	44,2	15,0	10,0	90,0	72,00
22720.0205	—		M 20	54,2	15,0	10,0	90,0	93,00
22720.0206	—		M 20	64,2	15,0	10,0	90,0	115,00
22720.0242	—		M 24	39,7	18,0	12,0	120,0	87,00
22720.0244	—		M 24	54,7	18,0	12,0	120,0	129,00
22720.0246	—		M 24	84,7	18,0	12,0	120,0	222,00
22720.0342	22720.0252	Sfera piena in plastica	M 4	6,0	2,5	2,0	0,3	0,23
22720.0343	22720.0253		M 4	8,0	2,5	2,0	0,3	0,35
22720.0344	22720.0254		M 4	10,0	2,5	2,0	0,3	0,70
22720.0345	22720.0255		M 4	12,0	2,5	2,0	0,3	0,85
22720.0346	22720.0256		M 4	16,0	2,5	2,0	0,3	1,05
22720.0352	22720.0262		M 5	8,0	3,0	2,5	0,5	0,76
22720.0353	22720.0263		M 5	10,0	3,0	2,5	0,5	0,75
22720.0354	22720.0264		M 5	12,0	3,0	2,5	0,5	1,20
22720.0355	22720.0265		M 5	16,0	3,0	2,5	0,5	1,43
22720.0356	22720.0266		M 5	20,0	3,0	2,5	0,5	1,90
22720.0358	22720.0267		M 5	25,0	3,0	2,5	0,5	2,50
22720.0362	22720.0272		M 6	10,8	4,0	3,0	0,9	1,10
22720.0363	22720.0273		M 6	12,8	4,0	3,0	0,9	1,43
22720.0364	22720.0274		M 6	16,8	4,0	3,0	0,9	2,09
22720.0365	22720.0275		M 6	20,8	4,0	3,0	0,9	2,74
22720.0366	22720.0276		M 6	25,8	4,0	3,0	0,9	3,80
22720.0381	22720.0281		M 8	11,2	5,5	4,0	1,5	1,92
22720.0382	22720.0282		M 8	13,2	5,5	4,0	1,5	2,40
22720.0383	22720.0283		M 8	17,2	5,5	4,0	1,5	3,60
22720.0384	22720.0284		M 8	21,2	5,5	4,0	1,5	4,60
22720.0385	22720.0285		M 8	26,2	5,5	4,0	1,5	6,30
22720.0386	22720.0286		M 8	31,2	5,5	4,0	1,5	7,80
22720.0401	22720.0291		M 10	13,7	7,0	5,0	2,0	3,50
22720.0402	22720.0292		M 10	17,7	7,0	5,0	2,0	4,80
22720.0403	22720.0293		M 10	21,7	7,0	5,0	2,0	6,80
22720.0404	22720.0294		M 10	26,7	7,0	5,0	2,0	9,40
22720.0405	22720.0295		M 10	31,7	7,0	5,0	2,0	12,00
22720.0406	22720.0296		M 10	36,7	7,0	5,0	2,0	14,00
22720.0408	22720.0297		M 10	41,7	7,0	5,0	2,0	17,00
22720.0421	22720.0301		M 12	18,0	8,5	6,0	3,0	6,80
22720.0422	22720.0302		M 12	22,0	8,5	6,0	3,0	9,20
22720.0423	22720.0303		M 12	27,0	8,5	6,0	3,0	12,00
22720.0424	22720.0304		M 12	32,0	8,5	6,0	3,0	16,00
22720.0426	22720.0306		M 12	42,0	8,5	6,0	3,0	23,00
22720.0428	22720.0308		M 12	52,0	8,5	6,0	3,0	30,00

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



EH 22720.

Viti a inserto
sfericosenza testa,
sfera spianata

Sfera SENZA dispositivo antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

- Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$
- Acciaio inox 1.4305

Sfera:

- Acciaio da cuscinetti, temperato
- Acciaio inox temperato
- Plastica POM rossa

Nota:

L'esecuzione con sfera in plastica serve per non danneggiare la superficie di pezzi delicati.

Per fermare, bloccare e supportare anche superfici non allineate. La sfera mobile permette di allineare la forza applicata.

Disponibili anche con sfera piena passo fine.

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₃	Sfera	SW	Carico solo statico max. kN*	g
22720.0542	22720.0827	Sfera spianata	M 4	5,6	1,8	2,5	2,0	3,5	0,51
22720.0543	22720.0828	liscia	M 4	7,6	1,8	2,5	2,0	3,5	0,61
22720.0544	22720.0829		M 4	9,6	1,8	2,5	2,0	3,5	0,54
22720.0545	22720.0830		M 4	11,6	1,8	2,5	2,0	3,5	0,91
22720.0546	22720.0832		M 4	15,6	1,8	2,5	2,0	3,5	0,97
22720.0552	22720.0833		M 5	7,5	2,2	3,0	2,5	4,5	0,62
22720.0553	22720.0834		M 5	9,5	2,2	3,0	2,5	4,5	0,84
22720.0554	22720.0835		M 5	11,5	2,2	3,0	2,5	4,5	1,10
22720.0555	22720.0836		M 5	15,5	2,2	3,0	2,5	4,5	1,70
22720.0556	22720.0837		M 5	19,5	2,2	3,0	2,5	4,5	2,20
22720.0558	22720.0838		M 5	24,5	2,2	3,0	2,5	4,5	2,60
22720.0562	22720.0840		M 6	10,0	3,2	4,0	3,0	9,0	1,50
22720.0563	22720.0842		M 6	12,0	3,2	4,0	3,0	9,0	1,60
22720.0564	22720.0844		M 6	16,0	3,2	4,0	3,0	9,0	2,50
22720.0565	22720.0845		M 6	20,0	3,2	4,0	3,0	9,0	3,20
22720.0566	22720.0846		M 6	25,0	3,2	4,0	3,0	9,0	3,80
22720.0581	22720.0850		M 8	10,0	4,5	5,5	4,0	15,0	2,60
22720.0582	22720.0852		M 8	12,0	4,5	5,5	4,0	15,0	2,90
22720.0583	22720.0853		M 8	16,0	4,5	5,5	4,0	15,0	4,00
22720.0584	22720.0854		M 8	20,0	4,5	5,5	4,0	15,0	5,30
22720.0585	22720.0855		M 8	25,0	4,5	5,5	4,0	15,0	6,80
22720.0586	22720.0856		M 8	30,0	4,5	5,5	4,0	15,0	8,40
22720.0601	22720.0860		M 10	12,0	6,0	7,0	5,0	20,0	4,70
22720.0602	22720.0862		M 10	16,0	6,0	7,0	5,0	20,0	6,10
22720.0603	22720.0863		M 10	20,0	6,0	7,0	5,0	20,0	7,90
22720.0604	22720.0864		M 10	25,0	6,0	7,0	5,0	20,0	10,00
22720.0605	22720.0865		M 10	30,0	6,0	7,0	5,0	20,0	13,00
22720.0606	22720.0866		M 10	35,0	6,0	7,0	5,0	20,0	15,00
22720.0608	22720.0868		M 10	40,0	6,0	7,0	5,0	20,0	18,00
22720.0621	22720.0870		M 12	16,0	7,2	8,5	6,0	30,0	9,10
22720.0622	22720.0872		M 12	20,0	7,2	8,5	6,0	30,0	11,00
22720.0623	22720.0873		M 12	25,0	7,2	8,5	6,0	30,0	14,00
22720.0624	22720.0874		M 12	30,0	7,2	8,5	6,0	30,0	18,00
22720.0626	22720.0876		M 12	40,0	7,2	8,5	6,0	30,0	25,00
22720.0628	22720.0878		M 12	50,0	7,2	8,5	6,0	30,0	32,00
22720.0661	22720.0880		M 16	20,0	10,7	12,0	8,0	60,0	21,00
22720.0662	22720.0882		M 16	25,0	10,7	12,0	8,0	60,0	26,00
22720.0664	22720.0884		M 16	35,0	10,7	12,0	8,0	60,0	39,00
22720.0666	22720.0886		M 16	50,0	10,7	12,0	8,0	60,0	60,00

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

Continua dalla pagina precedente

EH 22720.

Viti a inserto
sfericosenza testa,
sfera spianata

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₂	d ₃	Sfera	SW	Carico solo statico max. kN*	g
22720.0702	—	Sfera spianata	M 20	30,0	13,5	15,0	10,0	90,0	49,00
22720.0704	—	liscia	M 20	40,0	13,5	15,0	10,0	90,0	70,00
22720.0705	—		M 20	50,0	13,5	15,0	10,0	90,0	90,00
22720.0706	—		M 20	60,0	13,5	15,0	10,0	90,0	111,00
22720.0742	—		M 24	35,0	15,8	18,0	12,0	120,0	86,00
22720.0744	—		M 24	50,0	15,8	18,0	12,0	120,0	128,00
22720.0746	—		M 24	80,0	15,8	18,0	12,0	120,0	219,00
22720.0891	—	Sfera spianata	M 8	10,0	4,5	5,5	4,0	15,0	2,80
22720.0892	—	zigrinata	M 8	12,0	4,5	5,5	4,0	15,0	2,70
22720.0893	—		M 8	16,0	4,5	5,5	4,0	15,0	3,90
22720.0894	—		M 8	20,0	4,5	5,5	4,0	15,0	5,10
22720.0895	—		M 8	25,0	4,5	5,5	4,0	15,0	6,60
22720.0896	—		M 8	30,0	4,5	5,5	4,0	15,0	8,10
22720.0901	—		M 10	12,0	6,0	7,0	5,0	20,0	4,70
22720.0902	—		M 10	16,0	6,0	7,0	5,0	20,0	5,80
22720.0903	—		M 10	20,0	6,0	7,0	5,0	20,0	7,70
22720.0904	—		M 10	25,0	6,0	7,0	5,0	20,0	10,00
22720.0905	—		M 10	30,0	6,0	7,0	5,0	20,0	13,00
22720.0906	—		M 10	35,0	6,0	7,0	5,0	20,0	15,00
22720.0908	—		M 10	40,0	6,0	7,0	5,0	20,0	17,00
22720.0921	—		M 12	16,0	7,2	8,5	6,0	30,0	8,60
22720.0922	—		M 12	20,0	7,2	8,5	6,0	30,0	11,00
22720.0923	—		M 12	25,0	7,2	8,5	6,0	30,0	14,00
22720.0924	—		M 12	30,0	7,2	8,5	6,0	30,0	18,00
22720.0926	—		M 12	40,0	7,2	8,5	6,0	30,0	25,00
22720.0928	—		M 12	50,0	7,2	8,5	6,0	30,0	32,00
22720.0961	—		M 16	20,0	10,7	12,0	8,0	60,0	21,00
22720.0962	—		M 16	25,0	10,7	12,0	8,0	60,0	26,00
22720.0964	—		M 16	35,0	10,7	12,0	8,0	60,0	40,00
22720.0966	—		M 16	50,0	10,7	12,0	8,0	60,0	60,00
22720.0972	—		M 20	30,0	13,5	15,0	10,0	90,0	50,00
22720.0974	—		M 20	40,0	13,5	15,0	10,0	90,0	70,00
22720.0975	—		M 20	50,0	13,5	15,0	10,0	90,0	89,00
22720.0976	—		M 20	60,0	13,5	15,0	10,0	90,0	111,00
22720.0982	—		M 24	35,0	15,8	18,0	12,0	120,0	84,00
22720.0984	—		M 24	50,0	15,8	18,0	12,0	120,0	125,00
22720.0986	—		M 24	80,0	15,8	18,0	12,0	120,0	219,00
22720.0452	22720.0492	sfera spianata,	M 4	5,9	1,8	2,5	2,0	0,3	0,24
22720.0453	22720.0493	liscia, in plastica	M 4	7,9	1,8	2,5	2,0	0,3	0,35
22720.0454	22720.0494	antirrotazione	M 4	9,9	1,8	2,5	2,0	0,3	0,49
22720.0455	22720.0495		M 4	11,9	1,8	2,5	2,0	0,3	0,88
22720.0456	22720.0496		M 4	15,9	1,8	2,5	2,0	0,3	0,92
22720.0462	22720.0502		M 5	7,8	2,1	3,0	2,5	0,5	0,80
22720.0463	22720.0503		M 5	9,8	2,1	3,0	2,5	0,5	0,74
22720.0464	22720.0504		M 5	11,8	2,1	3,0	2,5	0,5	1,23
22720.0465	22720.0505		M 5	15,8	2,1	3,0	2,5	0,5	1,40
22720.0466	22720.0506		M 5	19,8	2,1	3,0	2,5	0,5	2,00
22720.0467	22720.0507		M 5	24,8	2,1	3,0	2,5	0,5	2,70
22720.0472	22720.0512		M 6	10,3	3,0	4,0	3,0	0,9	1,10
22720.0473	22720.0513		M 6	12,3	3,0	4,0	3,0	0,9	1,70
22720.0474	22720.0514		M 6	16,3	3,0	4,0	3,0	0,9	2,10
22720.0475	22720.0515		M 6	20,3	3,0	4,0	3,0	0,9	2,76
22720.0476	22720.0516		M 6	25,3	3,0	4,0	3,0	0,9	3,60
22720.0482	22720.0522		M 8	10,4	4,2	5,5	4,0	1,5	1,80
22720.0483	22720.0523		M 8	12,4	4,2	5,5	4,0	1,5	2,20
22720.0484	22720.0524		M 8	16,4	4,2	5,5	4,0	1,5	3,40
22720.0485	22720.0525		M 8	20,4	4,2	5,5	4,0	1,5	4,80
22720.0486	22720.0526		M 8	25,4	4,2	5,5	4,0	1,5	6,10
22720.0487	22720.0527		M 8	30,4	4,2	5,5	4,0	1,5	7,60

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

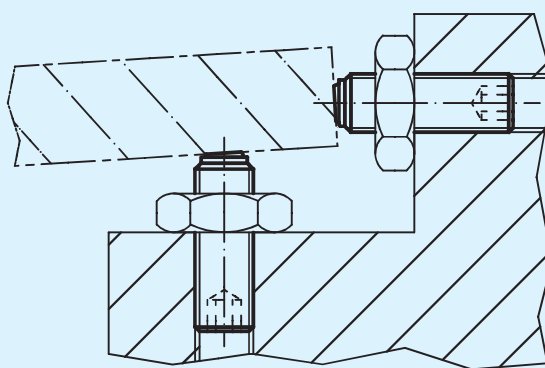
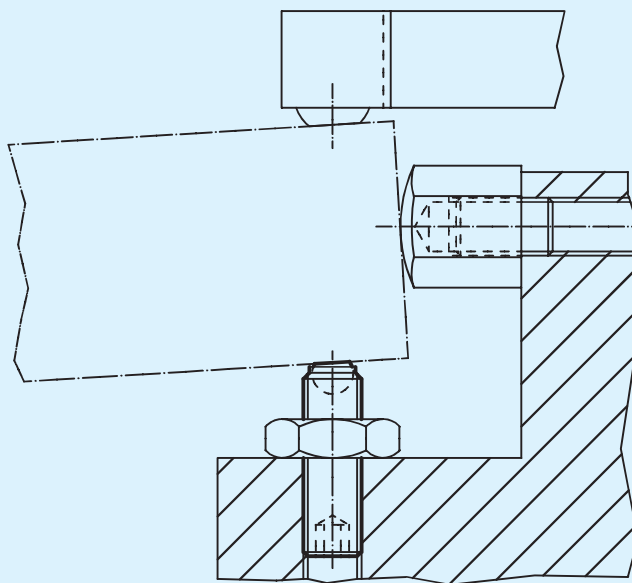


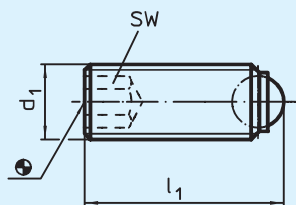
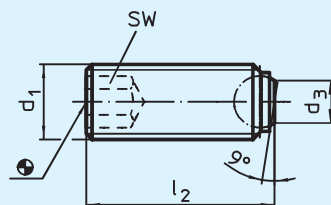
EH 22720.

Continua dalla pagina precedente

Viti a inserto sferico

senza testa,
sfera spianata



EH 22720.**Viti a inserto
sferico****senza testa,
a passo fine****fig. 1****fig. 2**

Sfera SENZA dispositivo antirovesciamento

>>> Esecuzioni speciali a richiesta <<<

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

Materiale:

Vite:

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

Sfera:

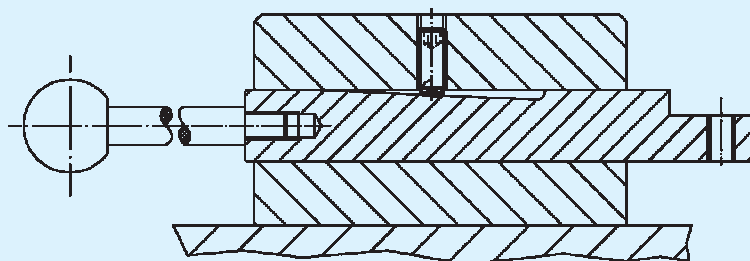
- Acciaio da cuscinetti, temperato
- Acciaio inox temperato

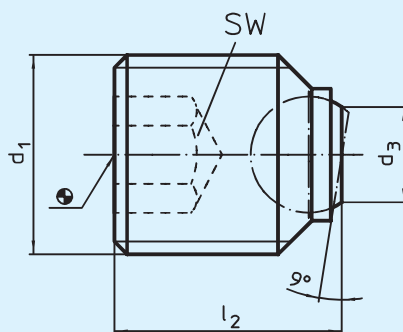
Nota:

Per fermare, bloccare e supportare anche superfici non allineate. La sfera mobile permette di allineare la forza applicata. Il passo fine permette una regolazione precisa.

Codice Acciaio bonificato	Codice Acciaio inox	Versione	d ₁	l ₁	l ₂	d ₃	Sfera	SW	Carico solo statico max. kN*	g
22720.5050	22720.6050	Sfera piena (Fig. 1)	M 5 x 0,5	8,0	—	—	3,0	2,5	4,5	0,70
22720.5052	22720.6052		M 5 x 0,5	12,0	—	—	3,0	2,5	4,5	1,20
22720.5060	22720.6060		M 6 x 0,5	10,8	—	—	4,0	3,0	9,0	1,30
22720.5061	22720.6061		M 6 x 0,5	12,8	—	—	4,0	3,0	9,0	1,80
22720.5062	22720.6062		M 6 x 0,5	16,8	—	—	4,0	3,0	9,0	2,40
22720.5063	22720.6063		M 6 x 0,5	20,8	—	—	4,0	3,0	9,0	3,00
22720.5064	22720.6064		M 6 x 0,5	25,8	—	—	4,0	3,0	9,0	3,00
22720.5070	22720.6070		M 8 x 1	11,2	—	—	5,5	4,0	15,0	2,60
22720.5073	22720.6073		M 8 x 1	21,2	—	—	5,5	4,0	15,0	5,40
22720.5250	22720.6250	Sfera spianata, liscia (Fig. 2)	M 5 x 0,5	—	7,5	2,2	3,0	2,5	4,5	0,70
22720.5252	22720.6252		M 5 x 0,5	—	11,5	2,2	3,0	2,5	4,5	1,20
22720.5260	22720.6260		M 6 x 0,5	—	10,0	3,2	4,0	3,0	9,0	1,30
22720.5261	22720.6261		M 6 x 0,5	—	12,0	3,2	4,0	3,0	9,0	1,80
22720.5262	22720.6262		M 6 x 0,5	—	16,0	3,2	4,0	3,0	9,0	2,40
22720.5263	22720.6263		M 6 x 0,5	—	20,0	3,2	4,0	3,0	9,0	3,00
22720.5264	22720.6264		M 6 x 0,5	—	25,0	3,2	4,0	3,0	9,0	3,00
22720.5270	22720.6270		M 8 x 1	—	10,0	4,5	5,5	4,0	15,0	2,60
22720.5273	22720.6273		M 8 x 1	—	20,0	4,5	5,5	4,0	15,0	5,30

* I valori di carico indicati non valgono per l'esecuzione in acciaio inox.



EH 22720.**Viti a inserto
sferico**senza testa
esecuzione corta

Sfera SENZA dispositivo antirovesciamento

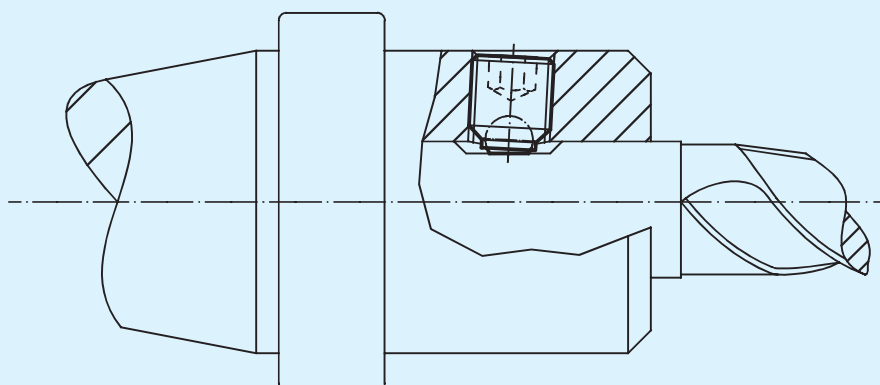
>>> Esecuzioni speciali a richiesta <<<

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

Materiale:**Vite:** • Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$ **Sfera:** • Acciaio da cuscinetti, temperato**Nota:**

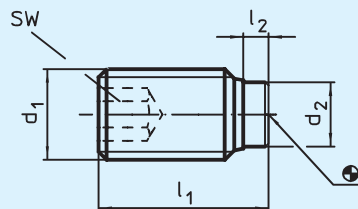
Le viti con inserto sferico esecuzione corta sono particolarmente adatte per i codoli cilindrici DIN 1835 E in combinazione con gli attacchi Whistle Notch e Weldon.

Codice	Versione	d ₁	l ₂	d ₃	Sfera	SW	Carico solo statico kN max.	g
22720.0641	Sfera spianata, liscia,	M 14	16	7,2	8,5	6	30	13
22720.0660	per codoli cilindrici	M 16	16	7,2	8,5	8	30	16
22720.0682	DIN 1835 E	M 18 x 2	20	10,7	12,0	10	60	25
22720.0692		M 20 x 2	20	10,7	12,0	10	60	32
22720.0693		M 20 x 2	25	10,7	12,0	10	60	42
22720.0730		M 24 x 2	25	13,5	15,0	12	90	59



EH 22760.**Grani di bloccaggio**

con puntale in ottone

**Materiale:**

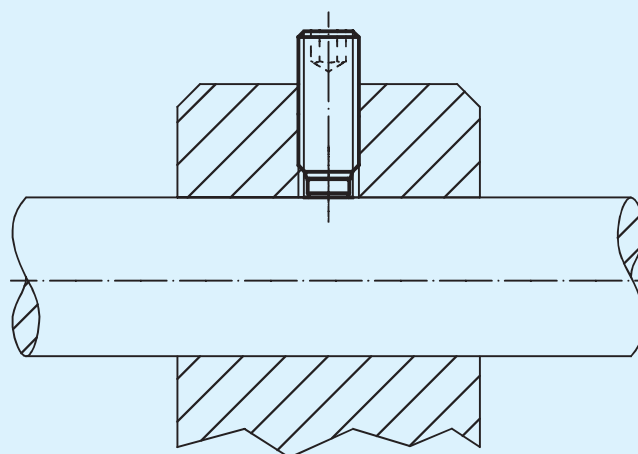
Vite: • Acciaio bonificato, $1200 \pm 100 \text{ N/mm}^2$
• Acciaio inox 1.4305

Puntale: • Ottone

Nota:

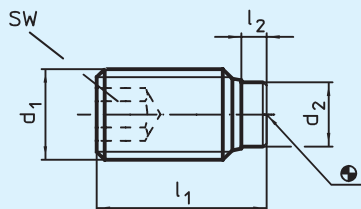
Per fissare o bloccare assi filettati, alberi oppure pezzi dalla superficie deteriorabile.

Codice Acciaio	Codice Acciaio inox	d ₁	l ₁	l ₂	d ₂	SW	g
22760.0042	22760.0442	M 4	6,5	1,2	2,5	2,0	0,3
22760.0044	22760.0444	M 4	10,5	1,2	2,5	2,0	0,8
22760.0046	22760.0446	M 4	16,5	1,2	2,5	2,0	1,2
22760.0052	22760.0452	M 5	8,5	1,3	3,0	2,5	0,9
22760.0054	22760.0454	M 5	12,5	1,3	3,0	2,5	1,4
22760.0056	22760.0456	M 5	20,5	1,3	3,0	2,5	2,1
22760.0062	22760.0462	M 6	11,5	1,9	4,0	3,0	1,7
22760.0064	22760.0464	M 6	17,5	1,9	4,0	3,0	2,7
22760.0066	22760.0466	M 6	26,5	1,9	4,0	3,0	4,2
22760.0082	22760.0482	M 8	12,0	2,5	5,5	4,0	3,0
22760.0086	22760.0486	M 8	22,0	2,5	5,5	4,0	5,8
22760.0088	22760.0488	M 8	32,0	2,5	5,5	4,0	8,9
22760.0102	22760.0502	M 10	14,0	2,7	7,0	5,0	5,6
22760.0104	22760.0504	M 10	18,0	2,7	7,0	5,0	6,7
22760.0106	22760.0506	M 10	27,0	2,7	7,0	5,0	11,0
22760.0108	22760.0508	M 10	37,0	2,7	7,0	5,0	16,0
22760.0122	22760.0522	M 12	18,5	3,4	8,5	6,0	10,0
22760.0124	22760.0524	M 12	22,5	3,4	8,5	6,0	12,0
22760.0126	22760.0526	M 12	32,5	3,4	8,5	6,0	20,0
22760.0128	22760.0528	M 12	42,5	3,4	8,5	6,0	27,0



EH 22760.**Grani di bloccaggio**

con puntale in plastica

**Materiale:**

Vite: • Acciaio brunito
• Acciaio inox 1.4305

Puntale: • Plastica POM

Nota:

Per fissare o bloccare assi filettati, alberi oppure pezzi dalla superficie deteriorabile.



Codice Acciaio	Codice Acciaio inox	d ₁	l ₁	l ₂	d ₂	SW	g
22760.0242	22760.0642	M 4	7,0	1,0	2,0	2,0	0,3
22760.0243	22760.0643	M 4	9,0	1,0	2,0	2,0	0,4
22760.0244	22760.0644	M 4	11,0	1,0	2,0	2,0	0,6
22760.0245	22760.0645	M 4	13,0	1,0	2,0	2,0	0,7
22760.0246	22760.0646	M 4	17,0	1,0	2,0	2,0	1,0
22760.0247	—	M 4	21,0	1,0	2,0	2,0	1,3
22760.0252	22760.0652	M 5	9,0	1,0	3,0	2,5	0,7
22760.0253	22760.0653	M 5	11,0	1,0	3,0	2,5	0,8
22760.0254	22760.0654	M 5	13,0	1,0	3,0	2,5	1,0
22760.0255	22760.0655	M 5	17,0	1,0	3,0	2,5	1,2
22760.0256	22760.0656	M 5	21,0	1,0	3,0	2,5	2,0
22760.0257	—	M 5	26,0	1,0	3,0	2,5	2,6
22760.0262	22760.0662	M 6	11,3	1,3	3,5	3,0	1,2
22760.0263	22760.0663	M 6	13,3	1,3	3,5	3,0	1,5
22760.0264	22760.0664	M 6	17,3	1,3	3,5	3,0	2,2
22760.0265	22760.0665	M 6	21,3	1,3	3,5	3,0	2,8
22760.0266	22760.0666	M 6	26,3	1,3	3,5	3,0	3,8
22760.0267	22760.0667	M 6	33,3	1,3	3,5	3,0	4,9
22760.0268	—	M 6	41,3	1,3	3,5	3,0	6,3
22760.0270	—	M 6	51,3	1,3	3,5	3,0	7,9
22760.0282	22760.0682	M 8	13,6	1,6	5,0	4,0	2,6
22760.0283	22760.0683	M 8	17,6	1,6	5,0	4,0	3,6
22760.0284	22760.0684	M 8	21,6	1,6	5,0	4,0	5,0
22760.0285	22760.0685	M 8	26,6	1,6	5,0	4,0	6,4
22760.0286	22760.0686	M 8	33,6	1,6	5,0	4,0	8,5
22760.0287	22760.0687	M 8	41,6	1,6	5,0	4,0	11,0
22760.0288	—	M 8	51,6	1,6	5,0	4,0	14,0
22760.0290	—	M 8	64,6	1,6	5,0	4,0	18,0
22760.0302	22760.0702	M 10	17,9	1,9	6,5	5,0	5,2
22760.0303	22760.0703	M 10	21,9	1,9	6,5	5,0	7,1
22760.0304	22760.0704	M 10	26,9	1,9	6,5	5,0	9,9
22760.0305	22760.0705	M 10	33,9	1,9	6,5	5,0	13,0
22760.0306	22760.0706	M 10	41,9	1,9	6,5	5,0	17,0
22760.0307	22760.0707	M 10	51,9	1,9	6,5	5,0	22,0
22760.0308	—	M 10	64,9	1,9	6,5	5,0	28,0
22760.0310	—	M 10	81,9	1,9	6,5	5,0	36,0
22760.0322	22760.0722	M 12	22,1	2,1	8,0	6,0	9,0
22760.0323	22760.0723	M 12	27,1	2,1	8,0	6,0	10,0
22760.0324	22760.0724	M 12	34,1	2,1	8,0	6,0	19,0
22760.0325	22760.0725	M 12	42,1	2,1	8,0	6,0	24,0
22760.0326	22760.0726	M 12	52,1	2,1	8,0	6,0	31,0
22760.0327	22760.0727	M 12	65,1	2,1	8,0	6,0	40,0
22760.0330	—	M 12	82,1	2,1	8,0	6,0	51,0
22760.0332	—	M 12	102,1	2,1	8,0	6,0	66,0