

Gas springs & Swivel supports

EDITION 2023
REV 000

DONATI



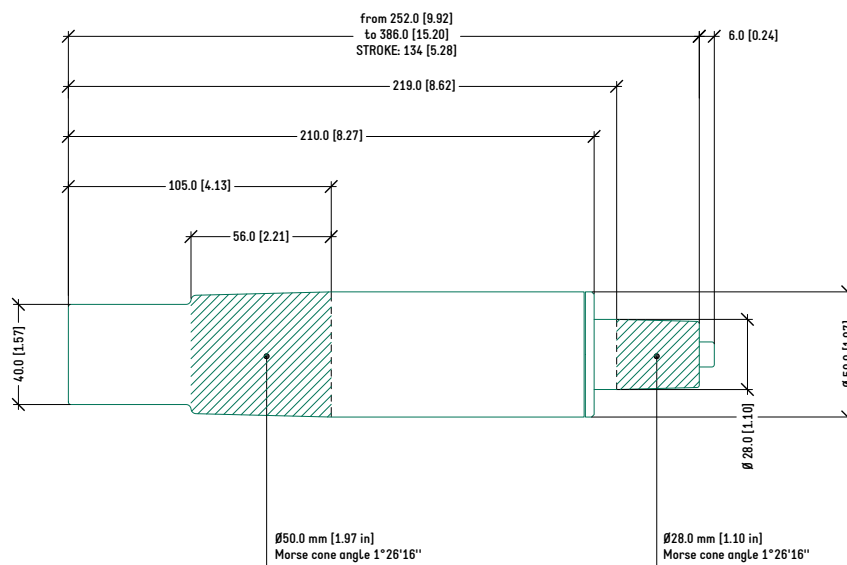
	CLASS AX	CLASS A	CLASS B	CLASS C
HEIGHT MAX	≥ 540 mm	≥ 520 mm	≥ 510 mm	≥ 480 mm
HEIGHT MIN	≤ 400 mm	≤ 400 mm	≤ 420 mm	≤ 430 mm
GAS CYLINDER STROKE	160 mm	130 mm	100 mm	80 mm

* EN1335-1 standard reference



EXTERNAL DIAMETER	50,0 mm [1.97 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
CLASS	3
FORCE	400N
GAS SPRING HEIGHT	252,0 / 386,0 mm [9.92 / 15.20 in]
STROKE	134,0 mm [5.28 in]
EXTERNAL MORSE CONE HEIGHT (Ø 50 mm)	70,0 mm [2.76 in]
INTERNAL MORSE CONE HEIGHT (Ø 28 mm)	219,0 mm [8.62 in]
SURFACE FINISH	Black Chrome
ITEMS PER BOX (MOQ)	20 / 600

TG 210 - NE/CR GAS SPRING	
— BLACK [NE]	4500087
— CHROME [CR]	4500088

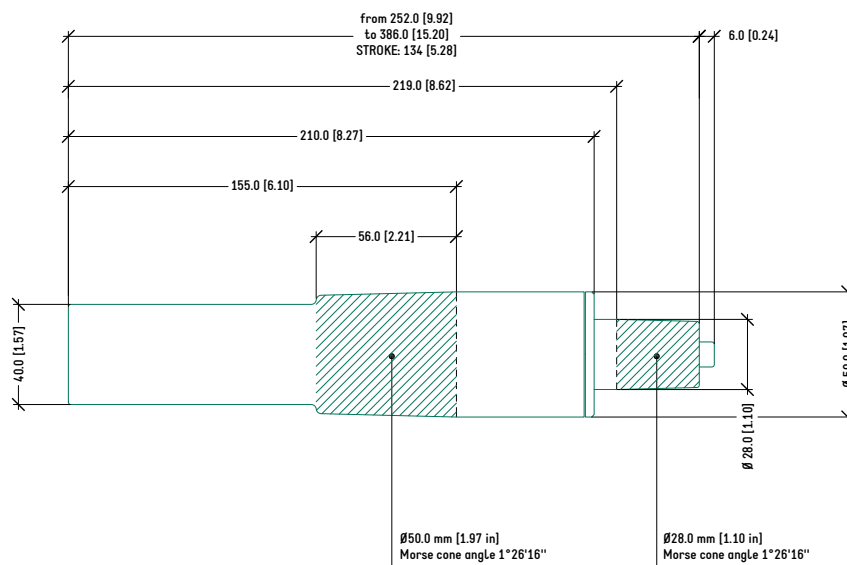


SPECIFICATIONS

EXTERNAL DIAMETER	50,0 mm [1.97 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
CLASS	3
FORCE	400N
GAS SPRING HEIGHT	252,0 / 386,0 mm [9.92 / 15.20 in]
STROKE	134,0 mm [5.28 in]
EXTERNAL MORSE CONE HEIGHT (Ø 50 mm)	105,0 mm [4.13 in]
INTERNAL MORSE CONE HEIGHT (Ø 28 mm)	219,0 mm [8.62 in]
SURFACE FINISH	Black Chrome
ITEMS PER BOX (MOQ)	20 / 600

PRODUCT CODES

TG 210 - NC/CC GAS SPRING	
— BLACK (NC)	4500089
— CHROME (CC)	4500093

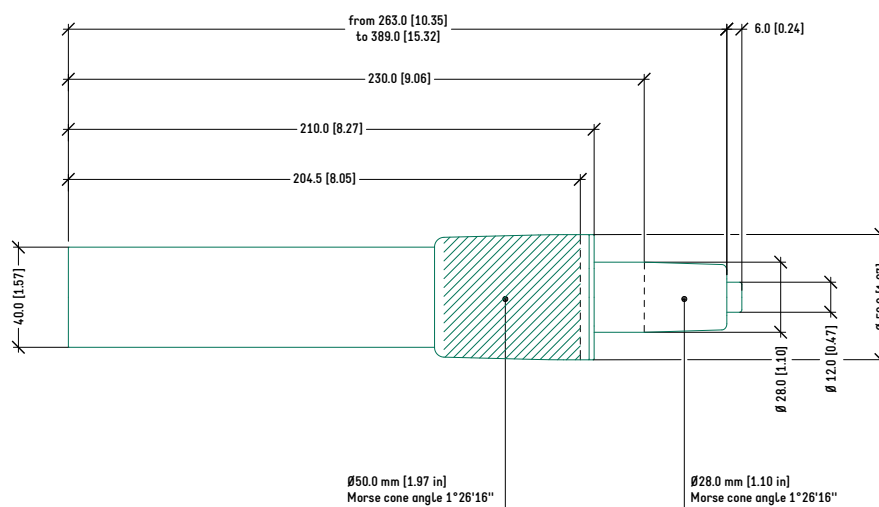


SPECIFICATIONS

EXTERNAL DIAMETER	50,0 mm [1.97 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
CLASS	3
FORCE	400N
GAS SPRING HEIGHT	252,0 / 386,0 mm [9.92 / 15.20 in]
STROKE	134,0 mm [5.28 in]
EXTERNAL MORSE CONE HEIGHT (Ø 50 mm)	155,0 mm [6.10 in]
INTERNAL MORSE CONE HEIGHT (Ø 28 mm)	219,0 mm [8.62 in]
SURFACE FINISH	Black Chrome
ITEMS PER BOX (MOQ)	20 / 600

PRODUCT CODES

TG 210 - NX/XX GAS SPRING	
— BLACK (NX)	4500084
— CHROME (XX)	4500086



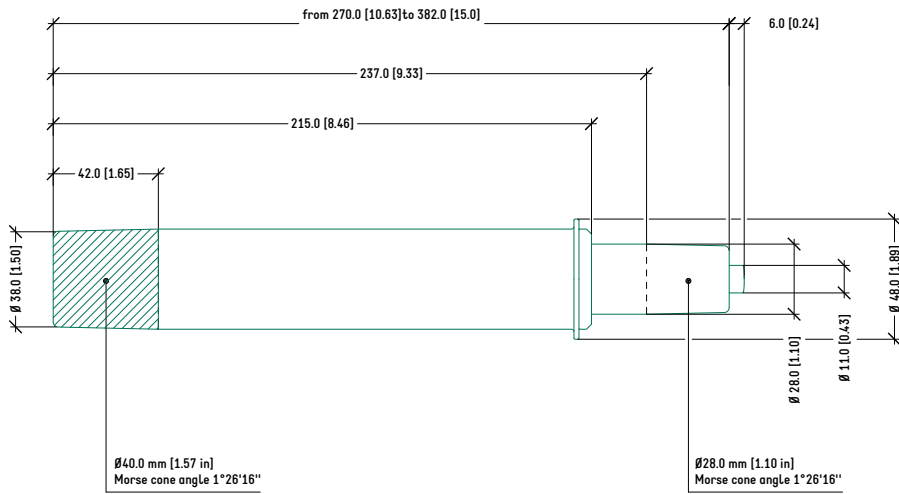
SPECIFICATIONS

EXTERNAL DIAMETER	50,0 mm [1.97 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
CLASS	3
FORCE	300N
GAS SPRING HEIGHT	263,0 mm [10.35 in]
STROKE	126,0 mm [4.96 in]
EXTERNAL MORSE CONE HEIGHT (Ø 50 mm)	204,5 mm [8.05 in]
INTERNAL MORSE CONE HEIGHT (Ø 28 mm)	230,0 mm [9.06 in]
SURFACE FINISH	Chrome Black
ITEMS PER BOX (MOQ)	20 / 600

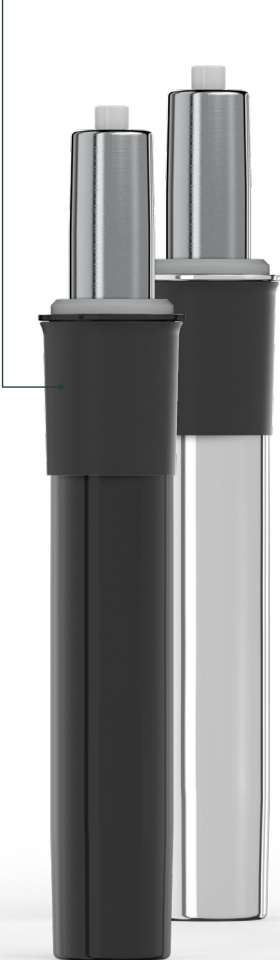
PRODUCT CODES

TG C2 - 130 GAS SPRING	
— BLACK	4501505
— CHROME	4501504





TAPERED
PLASTIC
BUSHING TO
BE ORDERED
SEPARATELY



SPECIFICATIONS

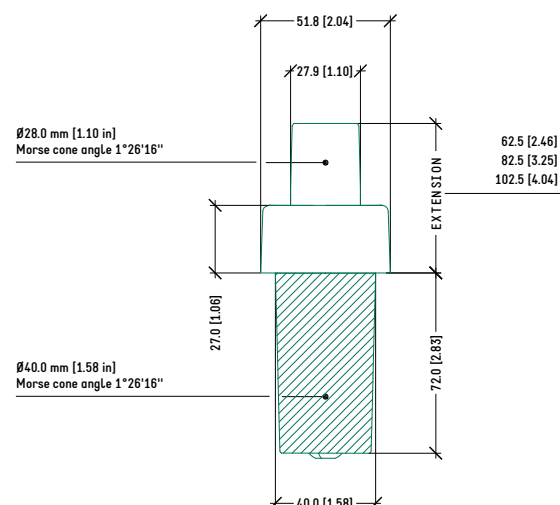
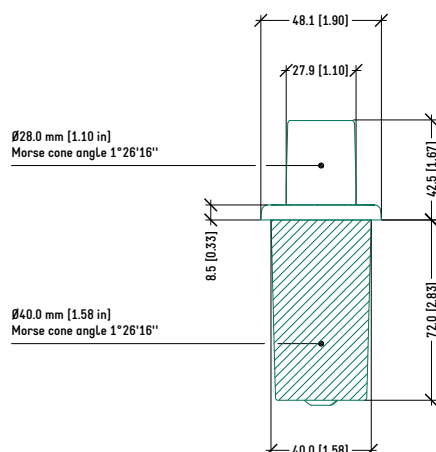
EXTERNAL DIAMETER	40,0 mm [1.57 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
CLASS	3
FORCE	300N
GAS SPRING HEIGHT	245,0 mm [9.65 in]
STROKE	112,0 mm [4.41 in]
EXTERNAL MORSE CONE HEIGHT (Ø 40 mm)	42,0 mm [1.7 in]
INTERNAL MORSE CONE HEIGHT (Ø 28 mm)	237,0 mm [9.3 in]
SURFACE FINISH	Chrome Black
ITEMS PER BOX (MOQ)	20 / 600

PRODUCT CODES

SG 215 - 40BC GAS SPRING	
— BLACK	4501510
— CHROME	4500085
TAPERED PLASTIC BUSHING	
— EXTERNAL Ø 50 mm > INTERNAL Ø 40 mm	4510165
— EXTERNAL Ø 44 mm > INTERNAL Ø 40 mm	4516007

SWIVEL SUPPORT

Ø 40 MM — TAPER H. 72 MM

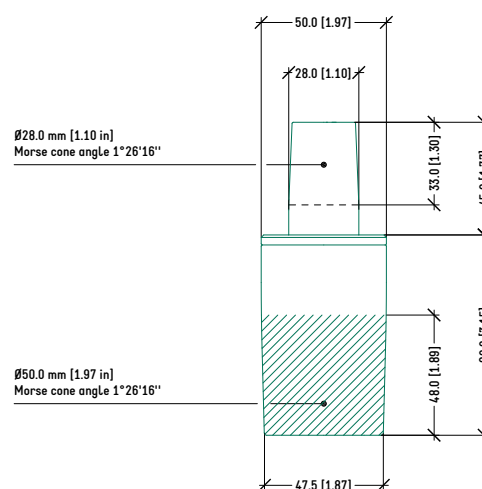
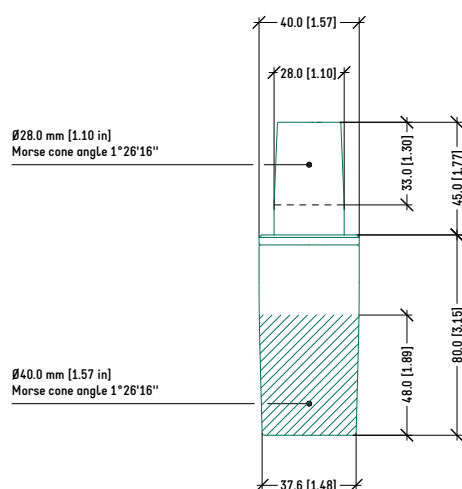


SPECIFICATIONS

EXTERNAL DIAMETER	40,0 mm [1.57 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
SWIVEL SUPPORT EXTENSION	42,5 mm [1.67 in] 62,5 mm [2.46 in] 82,5 mm [3.25 in] 102,5 mm [4.04 in]
EXTERNAL MORSE CONE HEIGHT (Ø 40 mm)	72,0 mm [2.83 in]
COVER SURFACE FINISH	Chrome (plastic) Black
ITEMS PER BOX (MOQ)	1200 / 960

PRODUCT CODES

SWIVEL SUPPORT 40 mm (NO COVER)	4510160
SWIVEL SUPPORT 60 mm	4510161
— CHROME COVER	4510170
— BLACK COVER	4510171
SWIVEL SUPPORT 80 mm	4510162
— CHROME COVER	4510172
— BLACK COVER	4510173
SWIVEL SUPPORT 100 mm	4510163
— CHROME COVER	4510174
— BLACK COVER	4510175



AUTOMATIC
POSITION RETURN

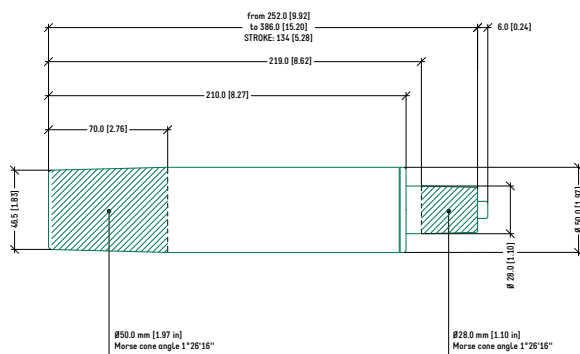
SPECIFICATIONS

EXTERNAL DIAMETER	40,0 mm [1.57 in] 50,0 mm [1.97 in]
MECHANISM CONNECTION DIAMETER	28,0 mm [1.10 in]
SUPPORT HEIGHT	125,0 mm [4.92 in]
EXTERNAL MORSE CONE HEIGHT	48 mm [1.89 in]
INT. MORSE CONE HEIGHT (Ø 28 mm)	92,0 mm [3.62 in]
SUPPORT SURFACE FINISH	Chrome Black
SUITABLE FOR	Morse cose Ø 40 mm bases Morse cose Ø 50 mm bases

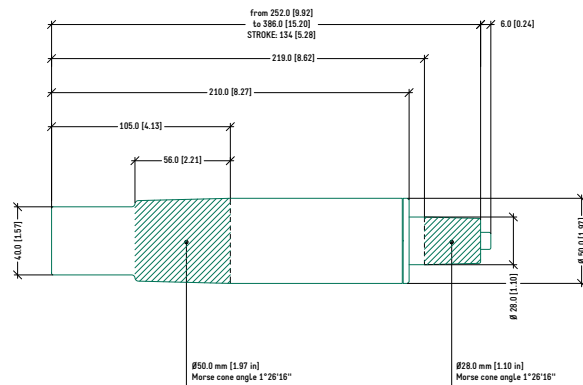
PRODUCT CODES

MINI TORNA Ø 40 mm	
— CHROME	4501582
— BLACK	4501583
MINI TORNA Ø 50 mm	
— CHROME	4501580
— BLACK	4501581

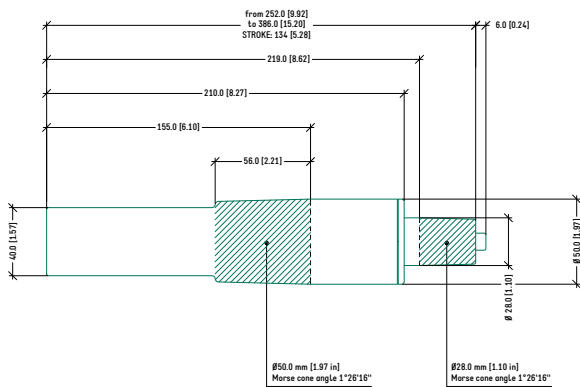
TGS 210 - NE/CR gas spring



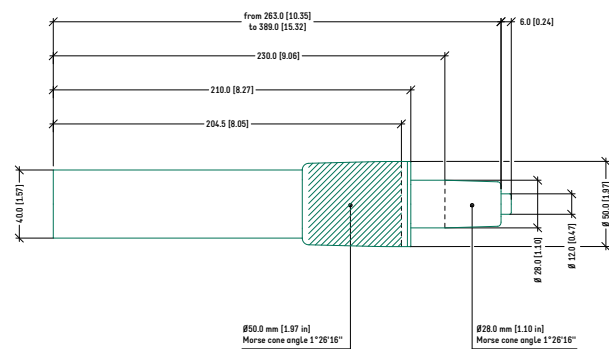
TGS 210 - NC/CC gas spring



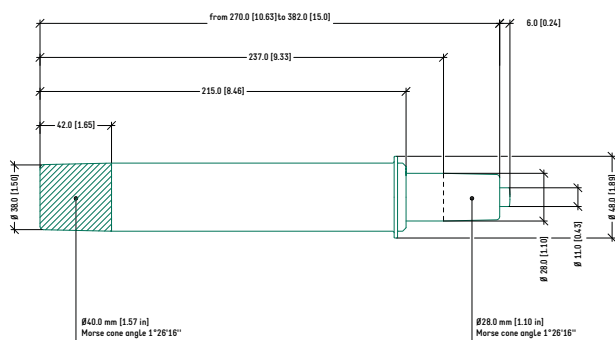
TGS 210 - NX/XX gas spring



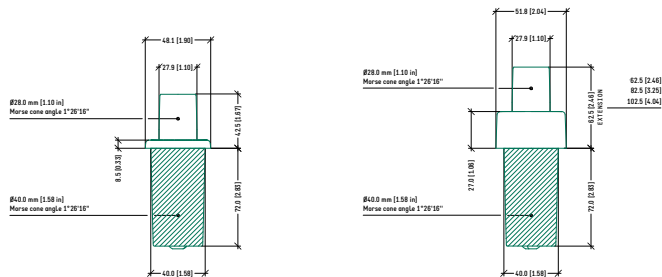
TG C2 - 130 gas spring



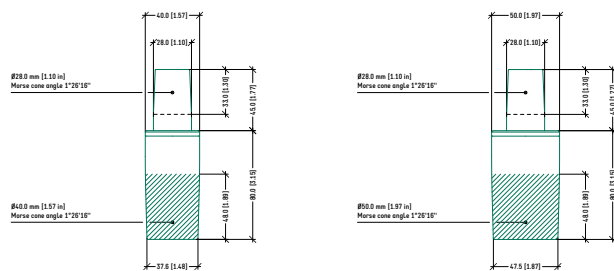
SG215 - 40BC gas spring



Swivel support



Mini Torna



15 ~ 20 mm [0.59 ~ 0.79 in]

Minimum recommended distance between gas spring and floor for aluminum bases

Aluminium Bases	Morse Cone Ø	Glide h. 5 mm	Glide h. 22/25 mm	Caster Ø 50 mm	Caster Ø 60/65 mm
Abaco	50 mm [1.97 in]	TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX
B.Kros	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
B.You	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
B1	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
B1T	50 mm [1.97 in]	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NX/XX
DB 1.6	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 1.8 — 4 star	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
			SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	50 mm [1.97 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
			TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR
DB 1.8 — 5 star	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR
DB 1.9	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 1.13	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
DB 1.17	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 2.6	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CRL	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 2.13	50 mm [1.97 in]	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NX/XX
K600	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
K720	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
L1023	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
L1080	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
L2080	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC
Meteora	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
Meteora 2	50 mm [1.97 in]	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NX/XX	TGS 210 - NX/XX
Octopus	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
Presto	50 mm [1.97 in]	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NX/XX	TGS 210 - NX/XX
Quoin — 4 & 5 star	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC

15 ~ 20 mm [0.59 ~ 0.79 in]

Minimum recommended distance between gas spring and floor for aluminum bases

Aluminium Bases	Morse Cone Ø	Glide h. 5 mm	Glide h. 22/25 mm	Caster Ø 50 mm	Caster Ø 60/65 mm
Superleggera low — 4 star	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	50 mm [1.97 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		TGS 210 - NC/CC	TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX
Superleggera mid — 4 star	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	50 mm [1.97 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX
		TG C2 - 130	TG C2 - 130	TG C2 - 130	TG C2 - 130
Superleggera high — 4 star	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	44 mm [1.73 in]	SG 215 - 40BC *	SG 215 - 40BC *	SG 215 - 40BC *	SG 215 - 40BC *
Superleggera — 5 star	50 mm [1.97 in]	TGS 210 - NC/CC	TGS 210 - NX/XX	TGS 210 - NX/XX	TGS 210 - NX/XX
		TG C2 - 130	TG C2 - 130	TG C2 - 130	TG C2 - 130
Trevi — 4 & 5 star	50 mm [1.97 in]	—	—	TGS 210 - NE/CR	TGS 210 - NC/CC
Trevi XL (fixed)	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	50 mm [1.97 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
			TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR
Trevi XL (pivoting)	50 mm [1.97 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
Unica	40 mm [1.57 in]	MINI TORNA	MINI TORNA	MINI TORNA	MINI TORNA
		SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT	SWIVEL SUPPORT
	44 mm [1.73 in]	SG 215 - 40BC *	SG 215 - 40BC *	SG 215 - 40BC *	SG 215 - 40BC *

* Bushing needed

30 ~ 35 mm [1.18 ~ 1.38 in]

Minimum recommended distance between gas spring and floor for nylon bases

Basi Nylon	Morse Cone Ø	Glide h. 5 mm	Glide h. 22/25 mm	Caster Ø 50 mm	Caster Ø 60/65 mm
B1T	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 1.6	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 1.8	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR
DB 1.9	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NE/CR
DB 1.13	50 mm [1.97 in]	—	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 2.6	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
DB 2.13	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC
Disko	40 mm [1.57 in]	—	—	—	—
	50 mm [1.97 in]	—	—	—	—
Meteora	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC
Presto	50 mm [1.97 in]	TGS 210 - NE/CR	TGS 210 - NC/CC	TGS 210 - NC/CC	TGS 210 - NC/CC
Quoin	50 mm [1.97 in]	—	—	TGS 210 - NE/CR	TGS 210 - NE/CR
Ziggurat	40 mm [1.57 in]	—	—	—	—
	50 mm [1.97 in]	—	—	—	—

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