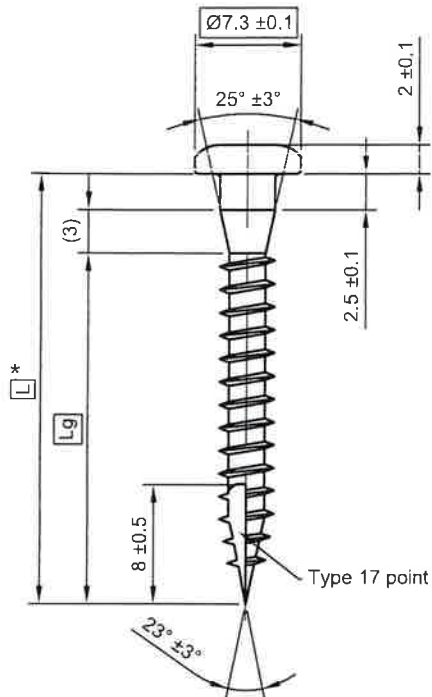
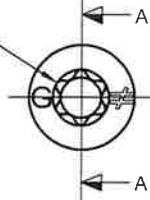


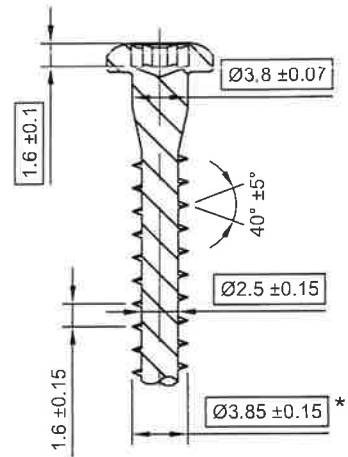
DO NOT SCALE
IF IN DOUBT, ASK



Hexalobular internal driving
feature ISO 10664-15



SECTION A-A



XX Key dimensions for daily FPC & SST full inspection:

* SST local verification

Material: Steel wire grade AISI 1018, AISI 1020 or AISI 1022 acc. to ASTM A510-3. Alternatively grade C18D or C20D acc. to EN 16120-2

Mechanical: Minimum torsional strength, $f_{or} = 3.9$ Nm. Minimum yield moment, $M_{yR} = 3500$ Nmm at 17°. Bending test must pass 27° bending in the threaded section without cracking acc. to EN 14592 clause 6.3.4.2

Hardness: Surface hardness 500 - 550 HV measured at least 0.05 mm from surface and 1 dia. from bottom of screw head

Finish: Electrodeposited coating ISO 2081 - Fe/Zn12/A

Dimensions without tolerances are in accordance with EN ISO 4759-1, Product grade A

All dimensions in mm

Projection



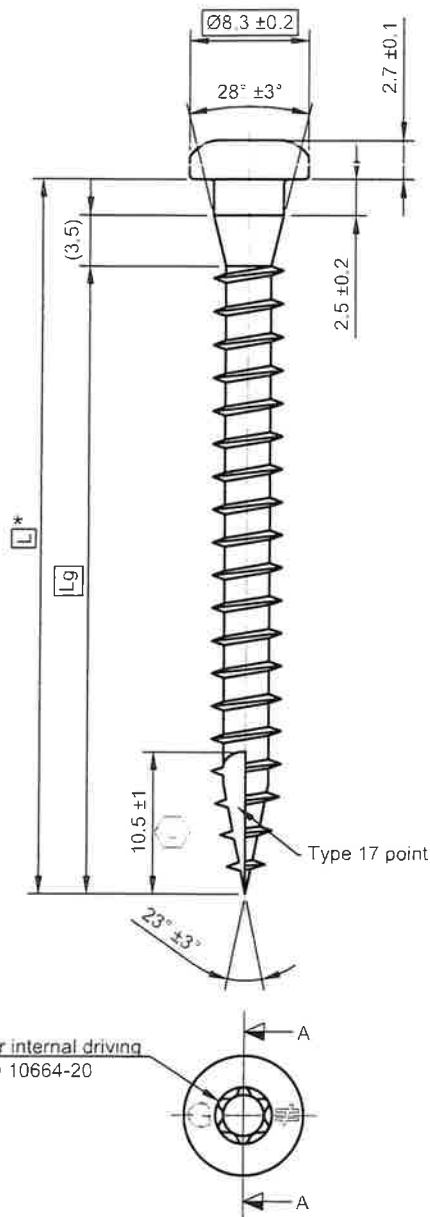
Size	L	Lg
CSA4,0x30	30±0.8	25 ^{+1.3} ₀

J	18/03/21	Min removed in text	AKR	GE
REV. NO.	REV. DATE:	REV. DESCRIPTION	REV. BY:	REV. CHK.

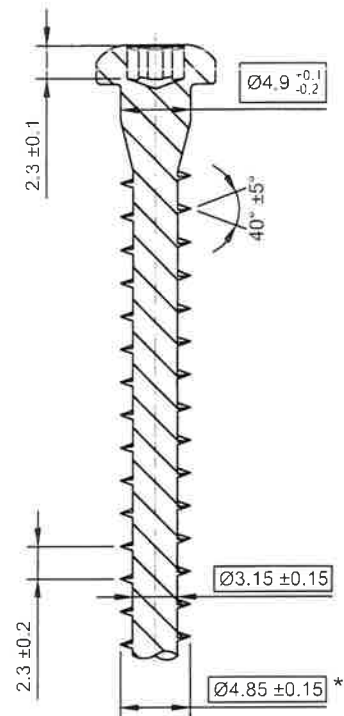
SIMPSON STRONG-TIE A/S

TITLE:	PRODUCTION DRAWING			
MODEL NO.:	CSA4,0x30			
SCALE:	2:1	DATE:	06/06/14	BY: AKR
DWG NAME:	CSA4-01F			
			CHK:	DA

DO NOT SCALE
IF IN DOUBT, ASK



SECTION A-A



Hexalobular internal driving
feature ISO 10664-20

XX Key dimensions for daily FPC & SST full inspection:

* SST local verification

Size	L	Lg
CSA5,0x25	25 ± 0.6	19 ^{+1.0} ₋₀
CSA5,0x35	35 ± 0.9	29 ^{+1.5} ₋₀
CSA5,0x40	40 ± 1.0	34 ^{+1.7} ₋₀
CSA5,0x50	50 ± 1.3	44 ^{+2.2} ₋₀
CSA5,0x80	80 ± 2.0	74 ^{+3.7} ₋₀

Material: Drawn carbon steel wire C18D, C20D or higher grades acc. to EN 16120-2.

Alternatively: AISI 1018, 1020 or higher grades acc. to ASTM A510.

Mechanical: Minimum torsional strength, $f_{tor} = 6.0$ Nm. Minimum yield moment, $M_{y,R} = 5000$ Nmm at 15°. Bending test must pass 25° bending in the threaded section without cracking (for screws where $L > 30$ mm) acc. to EN 14592 clause 6.3.4.2

Hardness: Surface hardness 420-500HV. Core hardness 320-390HV. Surface hardness at 0,05mm deep w. 200g load.

Core hardness $\frac{1}{2}$ Radius mm from edge and in the centre w. 500g load

Finish: Electrodeposited coating ISO 2081 - Fe/Zn12/A

Dimensions without tolerances are in accordance with EN ISO 4759-1, Product grade A

All dimensions in mm

Projection



1st Angle

L	22/01/03	Hardness updated	GE	HF
REV. NO.	REV. DATE	REV. DESCRIPTION	REV. BY	REV. CHK.
SIMPSON STRONG-TIE A/S				
TITLE PRODUCTION DRAWING				
MODEL NO. CSA5,0				
SCALE	DATE	BY	CHK	
2:1	06/06/14	AKR	DA	
DWG NAME CSA5-01F				