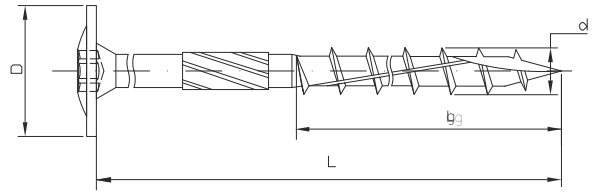


**HUP Flat head chipboard screw, partially threaded**

3111



CONSTRUCTION SCREWS



Fig.1. Perpendicular screw-in connection

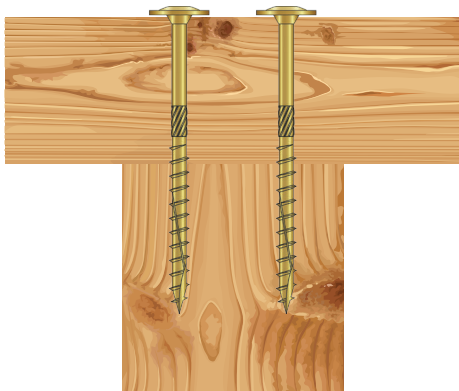


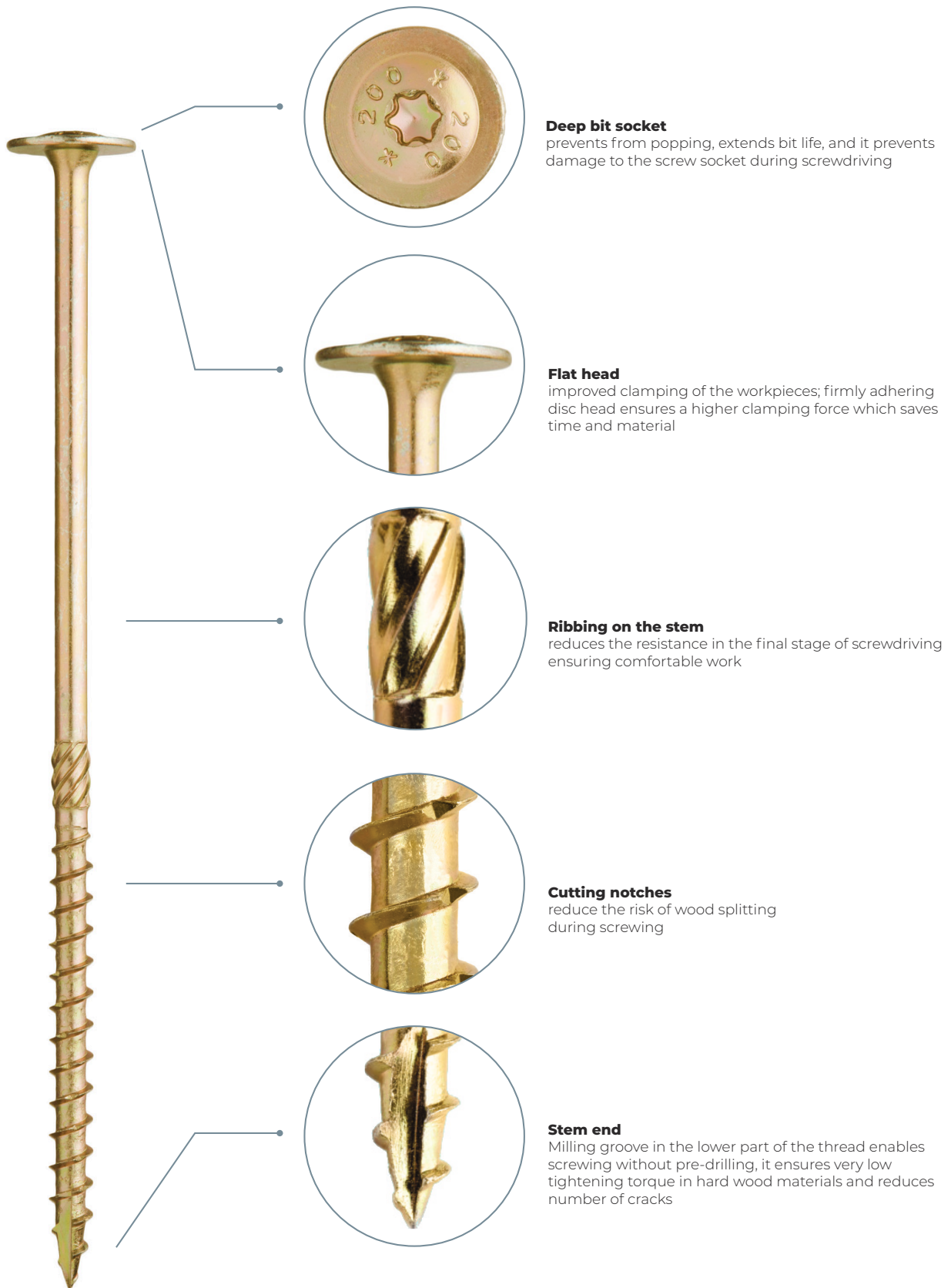
Fig. 2. Pole and beam connection

		SOLD BY PACK					
SIZE [mm]			TX	pcs	Index	Index	
d	L	Lg				STANDARD LINE	PREMIUM LINE
6.0	80	40	TX 30	100	400 (4)	637313	634231
	100	40	TX 30	100	400 (4)	637314	634232
	120	70	TX 30	100	400 (4)	637315	634233
	140	70	TX 30	100	400 (4)	637316	634234
	160	70	TX 30	100	400 (4)	637317	634235
	180	70	TX 30	100	400 (4)	637318	634236
	200	70	TX 30	100	400 (4)	637319	634237
	220	70	TX 30	100	400 (4)	637320	634238
	240	70	TX 30	100	400 (4)	637321	634239
	260	70	TX 30	100	300 (3)	637302	634240
	280	70	TX 30	100	300 (3)	637303	634241
300	70	TX 30	100	300 (3)	637304	634242	
8.0	60*	50	TX 40	50	200 (4)	-	43265
	80	40	TX 40	50	200 (4)	637291	634243
	100	40	TX 40	50	200 (4)	637292	634244
	120	80	TX 40	50	200 (4)	637293	634245
	140	80	TX 40	50	200 (4)	637294	634246
	160	80	TX 40	50	200 (4)	637295	634247
	180	80	TX 40	50	150 (3)	637266	634248
	200	80	TX 40	50	150 (3)	637267	634249
	220	80	TX 40	50	150 (3)	637268	634250
	240	80	TX 40	50	150 (3)	637269	634251
	260	80	TX 40	50	150 (3)	637270	634252
	280	80	TX 40	50	150 (3)	637271	634253
	300	80	TX 40	50	150 (3)	637272	634254
	320	80	TX 40	50	150 (3)	637273	634255
340	80	TX 40	50	150 (3)	637274	647941	
360	80	TX 40	50	-	640086	647942	
380	80	TX 40	50	-	640531	647943	
400	80	TX 40	50	-	640532	36415	
10.0	120	80	TX 40	50	200 (4)	637296	634260
	140	80	TX 40	50	200 (4)	637297	634261
	160	80	TX 40	25	100 (4)	637251	634262
	180	80	TX 40	25	100 (4)	637252	634263
	200	80	TX 40	25	100 (4)	637253	634264
	220	80	TX 40	25	100 (4)	637254	634265
	240	80	TX 40	25	100 (4)	637242	634266
	260	80	TX 40	25	75 (3)	637243	634267
	280	80	TX 40	25	75 (3)	637244	634268
	300	80	TX 40	25	75 (3)	637245	634269
	320	80	TX 40	25	75 (3)	637246	634270
	340	80	TX 40	25	75 (3)	637247	634271
	360	80	TX 40	25	-	640544	634272
	380	80	TX 40	25	-	640545	36426
400	80	TX 40	25	-	640546	36427	

\* Product without the CE mark

\*\* Chapter 2 "Wood joints design" has been developed on the basis of the parameters of the Premium product line.

Special wax coating applied during the manufacturing process significantly reduces the torque required to drive a screw. This makes assembly faster and easier and significantly reduces power consumption, which is especially important in case of battery-powered tools. The flat head with the torx socket increases the contact area for high pull-out strength and it locks the connection. The TORX socket ensures optimum torque transmission and the expansion bit reduces the torque required for screwdriving by widening the hole. A special blade with a notch at the beginning of the thread makes it easier to start screwing and it prevents wood from cracking. Moreover, special cutting notches on the thread cut through the fibres of the wood structure when screwing.



**Deep bit socket**  
prevents from popping, extends bit life, and it prevents damage to the screw socket during screwdriving

**Flat head**  
improved clamping of the workpieces; firmly adhering disc head ensures a higher clamping force which saves time and material

**Ribbing on the stem**  
reduces the resistance in the final stage of screwdriving ensuring comfortable work

**Cutting notches**  
reduce the risk of wood splitting during screwing

**Stem end**  
Milling groove in the lower part of the thread enables screwing without pre-drilling, it ensures very low tightening torque in hard wood materials and reduces number of cracks