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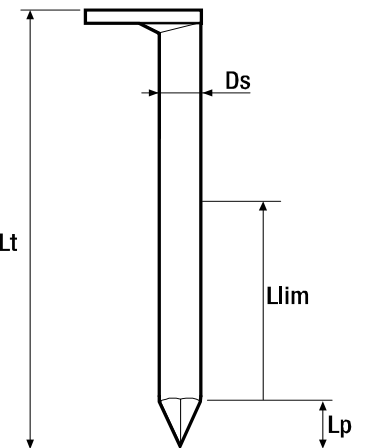
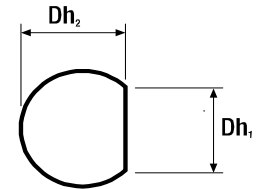
TECHNICAL SHEET SMOOTH NAIL CLIPPED HEAD

DIMENSIONS

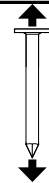
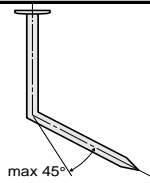
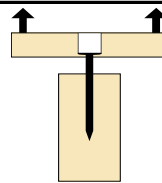
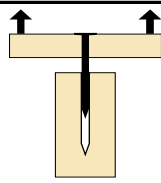
Diameter Ø ds [mm]	Length total Lt [mm]	Head surface mm ²	Head thickness mm	Length Point min. Lp [mm]	Length glue max. Llim [mm]
2,24	49,8	18,70	1,10	3,86	1,80
2,7	49,5	23,80	1,22	4,30	2,30
2,72	59,7	25,00	1,32	4,36	2,30
2,8	74,3	24,00	1,40	4,98	2,30
3,1	89	25,40	1,68	4,98	2,60

MATERIAL CHARACTERISTICS

Diameter Ø ds [mm]	Length total Lt [mm]	Characteristic withdrawal parameter f _{ax,k} [N/mm ²]	Head pull-trough f _{head,k} [N/mm ²]	Characteristic yield moment M _{y,k} [Nmm]	Characteristic tensile capacity f _{tens,k} [kN]
2,3	50-60	2,45	8,57	1 570	1,87
2,8	50-75	2,45	8,57	2 610	2,77
3,1	80-100	2,45	8,57	3 410	3,4



* Values for pull strength $f_{ax,k}$ and tensile capacity $f_{head,k}$ are based on characteristic wood density $\rho_k=350 \text{ kg/m}^3$ (C24). In calculations with other wood density multiply values by $\rho_k/350$.



APPLICATION

MATERIAL INFORMATION

Application:			Document no:	AER - 20130412FR
COATING	ENVIROMENT	MARKING	Dimensions:	2,3 - 2,8 - 3,1
Stainless steel	Outdoor	Grey	Material:	Steel wire
Hot Dip Galvanized	Outdoor	Red	Coating:	clear - Blue marking Electro Galvanized - yellow marking
Electro Galvanized	Indoor / Protected outdoor	Yellow	Acc. to standard:	EN 14592
Clear	Indoor	Blue		

