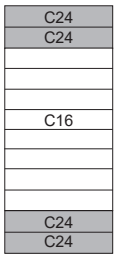
HAAG LEIMHOLZ

Festigkeitsklassen Brettschichtholz

GL24c

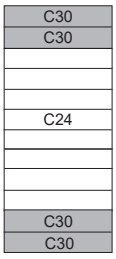


≥ 1/6 aber mind. 2 Lamellen C24

Innenlamellen C16

≥ 1/6 aber mind. 2 Lamellen C24

GL28c

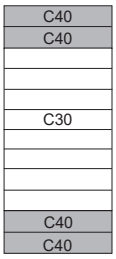


≥ 1/6 aber mind. 2 Lamellen C30

Innenlamellen C24

≥ 1/6 aber mind. 2 Lamellen C30

GL32c

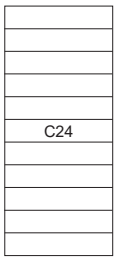


≥ 1/6 aber mind. 2 Lamellen C40

Innenlamellen C30

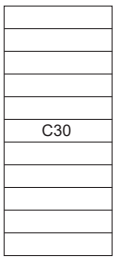
≥ 1/6 aber mind. 2 Lamellen C40

GL24h



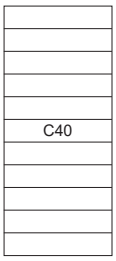
Alle Lamellen mit Festigkeit C24

GL28h



Alle Lamellen mit Festigkeit C30

GL32h



Alle Lamellen mit Festigkeit C40

Rechenwerte nach SN EN 14080:2013

		Fichte						BauBuche
Festigkeitsklassen		GL24c	GL24h	GL28c	GL28h	GL32c	GL32h	GL75
Festigkeitskennwerte in N/mm²								
Biegung [1) 2)]	$f_{m,k}$	24,0	24,0	28,0	28,0	32,0	32,0	75
Zug parallel	$f_{t,0,k}$	14,0	16,5	16.5	19.5	19,5	22,5	60
Zug rechtwinklig	$f_{t,90,k}$	0,5	0,5	0,5	0,5	0,5	0,5	0,6
Druck parallel	$f_{c,0,k}$	21,00	24,00	24,0	26,5	26,5	29,0	49,5 bis 59.4
Druck rechtwinklig	$f_{c,90,k}$	2,4	2,7	2,7	3,0	3,0	3,3	12,3 bis 14,8
Schub und Torsion	$f_{v,k}$	2,5	2,5	2,5	2,5	2,5	2,5	4,5
Steifigkeitskennwerte in N/mm²								
Elastizitätsmodul parallel [3)]	$E_{0,mean}$	11600	11600	12600	12600	13700	13700	16800
Elastizitätsmodul rechtwinklig [3)]	$E_{90,mean}$	320	390	390	420	420	460	470
Schubmodul [3) 4)]	G_{mean}	590	720	720	780	780	850	850
Rohdichtekennwerte in kg/m³	p^k	350	380	380	410	410	430	730