$h_{e,D03}$ =	$h - a_{2,D03} - a_{1,D03}$
$A_{c,eff,D03}$ =	$m * d * (l_{a,D03} + 30)$
$A_{w,D03}$ =	$2/3 * m * d * h_{e,D03}$
α_{D03} =	$(h_{e,D03} + a_{2,D03}) / h$
$k_{v,90,D03}$ =	$MIN (5 / (h^{0.5} * ((\alpha_{D03} *(1 - \alpha_{D03}))^{0.5} + 0.8 * l_{a,D03} / 2 / h * (1 / \alpha_{D03} - \alpha_{D03}^2)^{0.5})) \; ; \; 1.0)$

$R_{v,z,k,D03}$ =	$MIN (A_{c,eff,D03} * k_{c,90} * f_{c,90,k} / b \; ; \; A_{w,D03} * k_{v,90,D03} * f_{v,k} / b)$
$R_{v,z,d,D03}$ =	$R_{v,z,k,D03} * k_{mod} / \gamma_M$

Mit:	$k_{c,90} = 1$;	$f_{c,90,k} = 2.5$ N/mm²;	$f_{v,k} = 2.0$ N/mm²

Formeln Nachweise D03