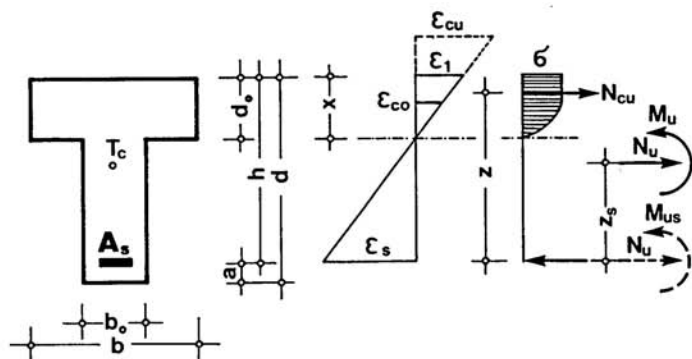




Prerez T_c oblike - enojna armatura

$\bar{b}_0 = 0.60$

Tabela 4

		$-\epsilon_1 [\%]$										
$\bar{h}_0$	$\epsilon_s [\%]$	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
0.05	1.5 k_s	1.144	1.172	1.198	1.223	1.249	1.274	1.298	1.321	1.342	1.363	1.382
	1.5 k_h	.100	.129	.156	.180	.199	.215	.227	.238	.247	.254	.261
	3.0 k_s	1.082	1.101	1.120	1.139	1.158	1.177	1.196	1.214	1.232	1.249	1.266
	3.0 k_h	.071	.094	.117	.137	.155	.171	.184	.195	.206	.215	.222
	5.0 k_s	1.053	1.065	1.078	1.091	1.105	1.119	1.133	1.147	1.161	1.175	1.188
	5.0 k_h	.052	.071	.089	.106	.121	.135	.147	.158	.168	.177	.185
	10.0 k_s	1.029	1.036	1.042	1.049	1.057	1.065	1.073	1.082	1.090	1.099	1.107
	10.0 k_h	.033	.046	.058	.070	.081	.091	.101	.109	.117	.125	.132
	1.5 k_s	1.137	1.163	1.187	1.211	1.235	1.258	1.281	1.303	1.324	1.344	1.362
	1.5 k_h	.112	.144	.172	.197	.217	.233	.246	.256	.265	.273	.279
	3.0 k_s	1.082	1.099	1.115	1.132	1.150	1.168	1.185	1.203	1.220	1.236	1.251
	3.0 k_h	.081	.107	.132	.154	.173	.189	.202	.214	.224	.233	.241
0.10	5.0 k_s	1.056	1.067	1.078	1.090	1.102	1.115	1.128	1.140	1.153	1.166	1.178
	5.0 k_h	.061	.082	.103	.122	.139	.153	.165	.177	.186	.195	.204
	10.0 k_s	1.033	1.041	1.047	1.054	1.060	1.067	1.074	1.082	1.089	1.096	1.104
	10.0 k_h	.037	.053	.068	.083	.096	.108	.118	.127	.136	.143	.150
0.15	1.5 k_s	1.137	1.161	1.184	1.206	1.228	1.250	1.272	1.293	1.313	1.332	1.349
	1.5 k_h	.122	.156	.186	.213	.234	.250	.263	.274	.283	.290	.297
	3.0 k_s	1.087	1.102	1.118	1.133	1.149	1.166	1.182	1.198	1.214	1.229	1.244
	3.0 k_h	.089	.118	.144	.168	.189	.206	.220	.231	.242	.251	.258
	5.0 k_s	1.061	1.073	1.084	1.095	1.106	1.117	1.129	1.141	1.152	1.164	1.175
	5.0 k_h	.065	.089	.113	.134	.153	.169	.182	.194	.204	.213	.221
	10.0 k_s	1.033	1.041	1.049	1.058	1.066	1.074	1.081	1.088	1.094	1.101	1.108
	10.0 k_h	.037	.053	.070	.087	.104	.118	.131	.142	.151	.160	.168

Ekscentrični nateg $N > 0$
 Ekscentrični tlak $N < 0$
 Čisti upogib $N = 0$

$$\bar{b}_0 = \frac{b_0}{b}, \quad \bar{h}_0 = \frac{h_0}{h}$$

$$N_u = \sum N_i \cdot \gamma_{u,i}$$

$$M_u = \sum M_i \cdot \gamma_{u,i}$$

$$M_{us} = M_u - N_u \cdot z_s$$

$$k_h = \frac{M_{us}}{f_{cd} \cdot b \cdot h^2}$$

Enojna armatura:

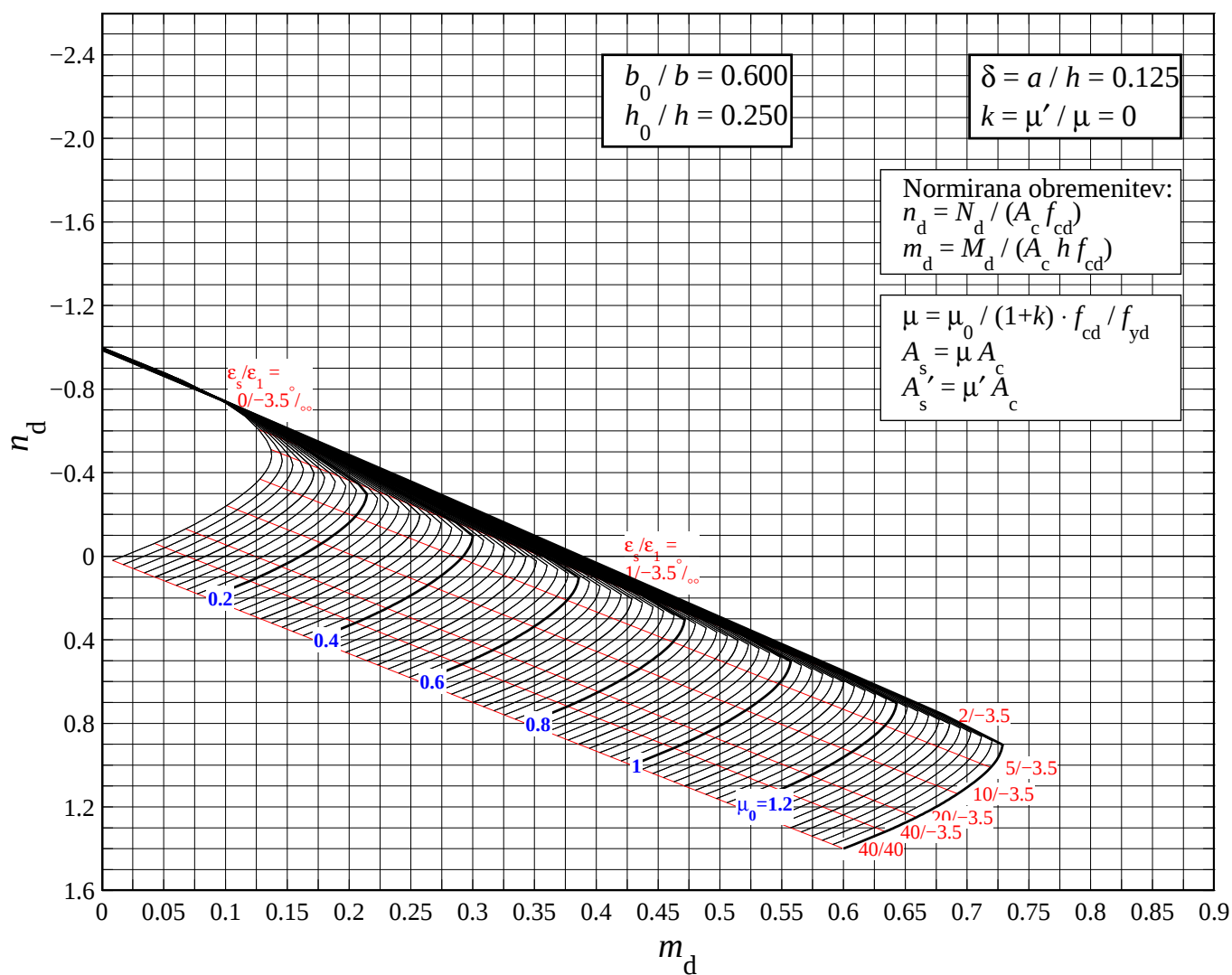
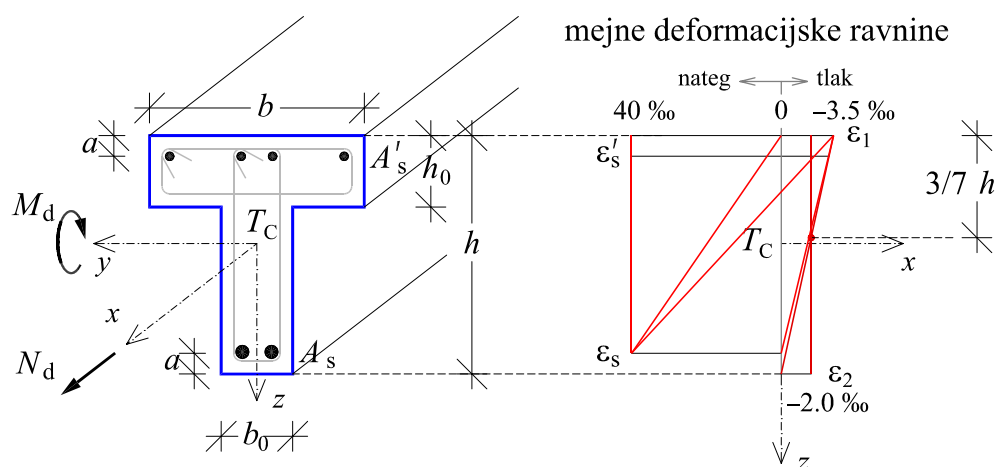
$$A_s = k_s \cdot \frac{M_{us}}{h \cdot \bar{\sigma}_s} + \frac{N_u}{\bar{\sigma}_s}$$

Prerez T oblike - enojna armatura

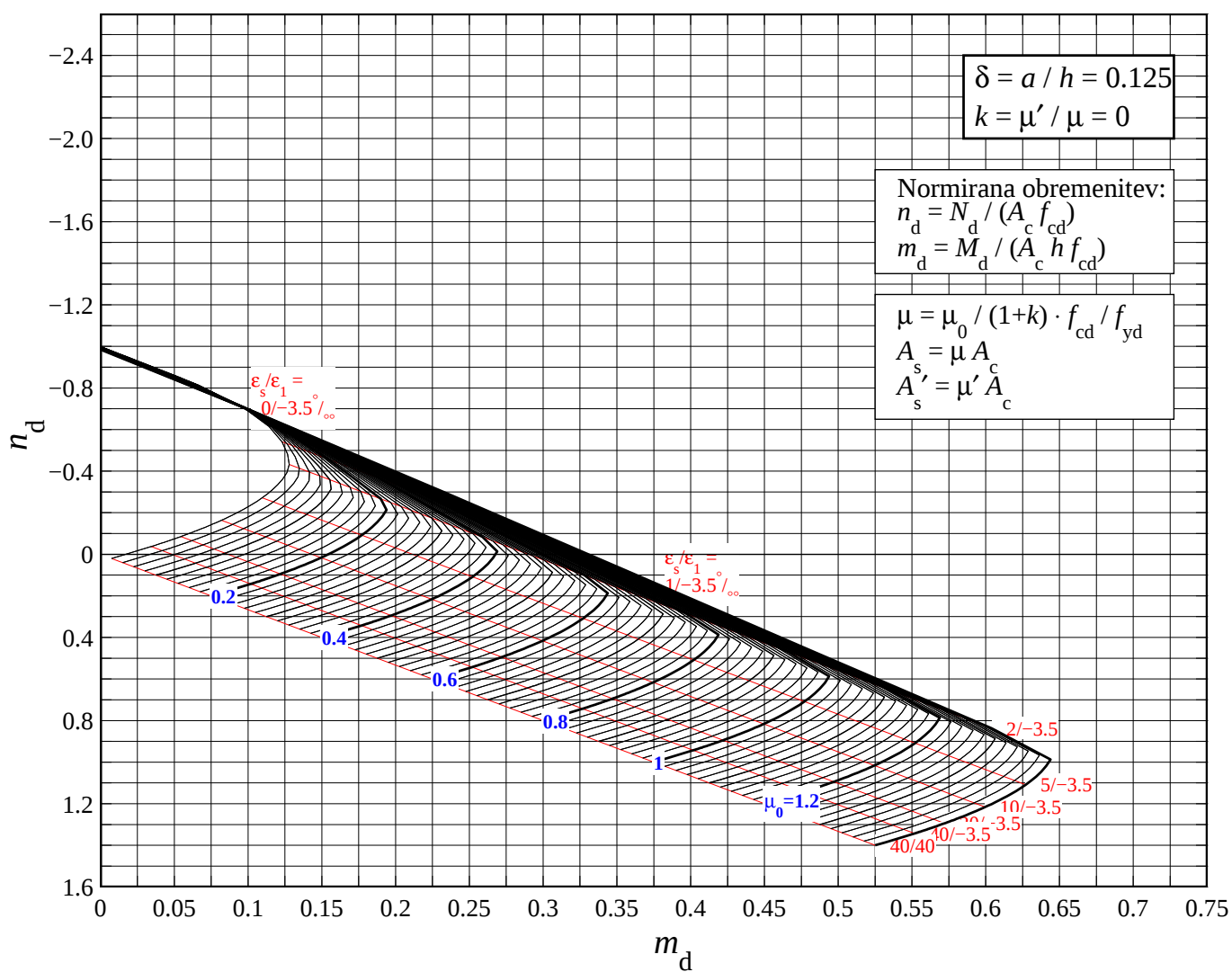
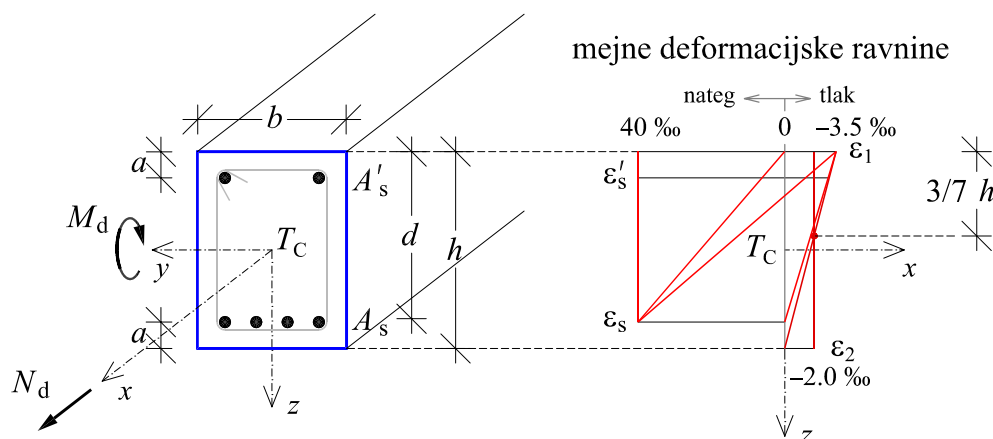
$\bar{b}_0 = 0.60$

Tabela 4

		$-\varepsilon_1 [\%]$											
$\bar{h}_0$	$\varepsilon_s [\%]$	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	
20	1.5	k_s	1.142	1.164	1.185	1.206	1.227	1.248	1.269	1.289	1.307	1.325	1.342
		k_h	.130	.166	.199	.226	.249	.266	.280	.290	.299	.307	.313
	3.0	k_s	1.093	1.109	1.124	1.138	1.153	1.169	1.184	1.199	1.214	1.228	1.242
		k_h	.094	.125	.154	.180	.202	.221	.235	.248	.258	.267	.275
	5.0	k_s	1.062	1.076	1.090	1.101	1.112	1.123	1.135	1.146	1.157	1.167	1.178
		k_h	.065	.092	.118	.142	.163	.181	.196	.209	.220	.229	.238
	10.0	k_s	1.033	1.041	1.049	1.058	1.067	1.076	1.085	1.093	1.101	1.108	1.115
		k_h	.037	.053	.070	.087	.104	.120	.135	.149	.161	.171	.181
	1.5	k_s	1.148	1.170	1.190	1.210	1.230	1.250	1.270	1.289	1.307	1.323	1.339
		k_h	.136	.174	.209	.238	.262	.280	.294	.306	.315	.322	.329
	3.0	k_s	1.096	1.114	1.130	1.145	1.160	1.175	1.190	1.204	1.218	1.232	1.245
		k_h	.095	.129	.161	.189	.213	.233	.249	.262	.273	.282	.290
25	5.0	k_s	1.062	1.076	1.091	1.105	1.118	1.130	1.142	1.153	1.164	1.174	1.184
		k_h	.065	.092	.119	.145	.169	.189	.206	.220	.233	.243	.253
	10.0	k_s	1.033	1.041	1.049	1.058	1.067	1.076	1.085	1.094	1.103	1.112	1.121
		k_h	.037	.053	.070	.087	.104	.120	.135	.149	.163	.175	.187
30	1.5	k_s	1.155	1.177	1.197	1.217	1.236	1.256	1.274	1.293	1.310	1.326	1.341
		k_h	.140	.181	.217	.248	.273	.293	.308	.320	.329	.337	.343
	3.0	k_s	1.096	1.117	1.136	1.152	1.167	1.183	1.197	1.212	1.225	1.238	1.251
		k_h	.095	.130	.164	.195	.221	.242	.260	.274	.286	.296	.305
	5.0	k_s	1.062	1.076	1.091	1.105	1.120	1.135	1.148	1.161	1.172	1.183	1.193
		k_h	.065	.092	.119	.145	.170	.192	.211	.228	.242	.254	.264
	10.0	k_s	1.033	1.041	1.049	1.058	1.067	1.076	1.085	1.094	1.103	1.112	1.121
		k_h	.037	.053	.070	.087	.104	.120	.135	.149	.163	.175	.187



Slika 1 : ‘T’ prerez: $\delta = 0.125, k = 0$.



Slika 2 : Pravokotni prerez: $\delta = 0.125$, $k = 0$.