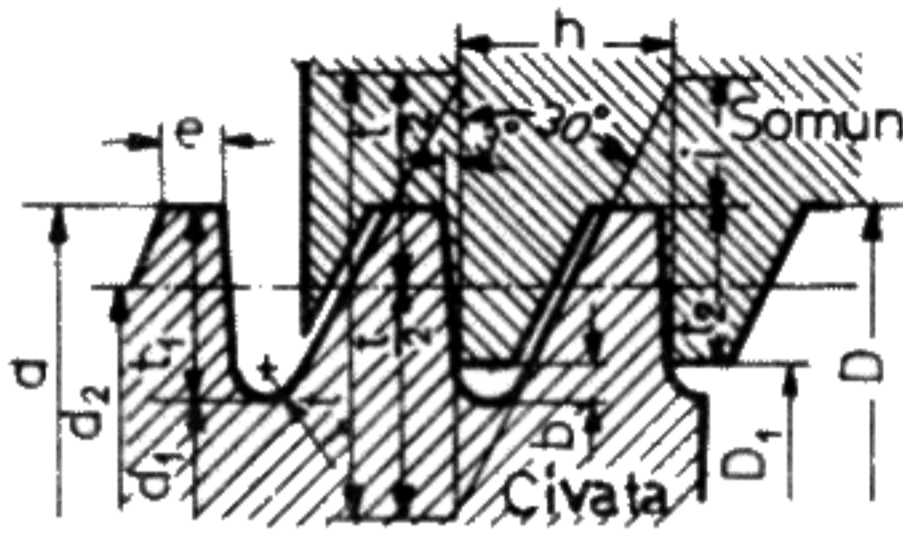


TESTERE VIDA

DIN 513 - 514



$$\begin{aligned}
 h &= \text{adım} & e &= 0,264 \cdot h \\
 t &= 1,732 \cdot h & i &= 0,525 \cdot h \\
 t_1 &= 0,868 \cdot h & b &= 0,118 \cdot h \\
 t_2 &= 0,75 \cdot h & r &= 0,124 \cdot h \\
 \text{Somun dışbaşı } \varnothing & d = D \\
 d_1 &= d - 2 \cdot t_1 = d - 1,736 \cdot h \\
 D_1 &= d - 2 \cdot t_2 = d - 1,5 \cdot h \\
 d_2 &= D + 2 \cdot i - t = D - 0,628 \cdot h \\
 \text{dis açısı} &= 33^\circ
 \end{aligned}$$

Vida anma çapı d x h	Civata		Somun		Bölme daireesi \varnothing d ₂	Kesit alanı ≈mm ²
	civata dışdibi \varnothing d ₁	Vida derinliği t ₁	somun dışdibi \varnothing D ₁	Vida derinli. t ₂		
Sx10x 2	8,528	1,736	9	1,5	10,936	57
Sx16x 2	12,528	1,736	13	1,5	14,936	123
Sx20x 2	16,528	1,736	17	1,5	18,936	214
Sx24x 3	18,794	2,603	19,5	2,25	21,954	277
Sx30x3	24,794	2,603	25,5	2,25	27,954	483
Sx36x 6	25,586	5,207	27	4,5	31,909	514
Sx40x 7	27,852	6,074	29,5	5,25	35,227	609
Sx48x 8	34,116	6,942	36	6	42,545	1072
Sx55x 9	39,380	7,810	41,5	6,75	48,863	1236
Sx60x 9	44,380	7,810	46,5	6,75	53,863	1540
Sx70x10	52,644	8,678	55	7,5	63,181	2176
Sx80x10	62,644	8,678	65	7,5	73,181	3081
Sx90x12	69,174	10,413	72	9	81,817	3757
Sx100x12	79,174	10,413	82	9	91,817	4922
Sx120x14	95,702	12,149	99	10,5	110,453	7193

Örnek:

$$\begin{aligned}
 d_1 &= D - 1,736 \cdot h &= 18 - 1,736 \cdot 3 &= 12,792 \text{ mm.} \\
 d_2 &= D - 0,682 \cdot h &= 18 - 0,682 \cdot 3 &= 15,954 \text{ mm.} \\
 D_1 &= D - 1,5 \cdot h &= 18 - 1,5 \cdot 3 &= 13,5 \text{ mm.}
 \end{aligned}$$