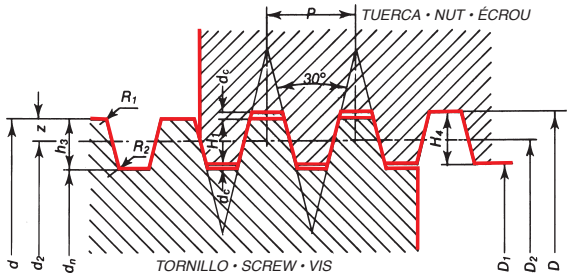
PROFIL THÉORIQUE
THEORETICAL PROFILE
PERFIL TEORICO

DIN 103

TRAPECIAL THREAD
METRAIC - ISO
FILET TRAPÉZOÏDAL
MÉTRIQUE - ISO
ROSCA TRAPEZOIDAL
METRICA - ISO



$D_1 \times d - 2\,H_1 = d - P$
$H_1 = 0{,}5\,P$
$H_4 = H_1 + a_c = 0{,}5\,P + a_c$
$h_3 = H_1 + a_c = 0{,}5\,P + a_c$
$z = 0{,}25\,P = \frac{H_1}{2}$

$D = d + 2\,a_c$
$d_n = d - 2\,h_3$
$d_2 = D_2 = d - 2z = d - 0{,}5\,P$
R_1 = máx. $0{,}5\,a_c$
R_1 = máx. a_c

P	1,5	2 ≮ 5	6 ≮ 12	14 ≮ 20
a_c	0,15	0,25	0,5	1

Ø Nominal Ø Nominal Ø Nominal		Paso Pitch Pass	Ø Medio Pitch Ø Ø Moyen	Ø Exterior Outside Ø Ø Extérieur	Ø Núcleo Core Ø Ø Noyau	
Serie 1	Serie 2	P	$d_2 = D_2$	D	d_n	D_1
Tr 8		1,5	7,250	8,300	6,200	6,500
	Tr 9	1,5	8,250	9,300	7,200	7,500
		2	8,000	9,500	6,500	7,000
Tr 10		1,5	9,250	10,300	8,200	8,500
		2	9,000	10,500	7,500	8,000
	Tr 11	2	10,000	11,500	8,500	9,000
		3	9,500	11,500	7,500	8,000
Tr 12		2	11,000	12,500	9,500	10,000
		3	10,500	12,500	8,500	9,000
	Tr 14	2	13,000	14,500	11,500	12,000
		3	12,500	14,500	10,500	11,000
Tr 16		2	15,000	16,500	13,500	14,000
		4	14,000	16,500	11,500	12,000
	Tr 18	2	17,000	18,500	15,500	16,000
		4	16,000	18,500	13,500	14,000
Tr 20		2	19,000	20,500	17,500	18,000
		4	18,000	20,500	15,500	16,000
	Tr 22	3	20,500	22,500	18,500	19,000
		5	19,500	22,500	16,500	17,000
		8	18,000	23,000	13,000	14,000
Tr 24		3	22,500	24,500	20,500	21,000
		5	21,500	24,500	18,500	19,000
		8	20,000	25,000	15,000	16,000
	Tr 26	3	24,500	26,500	22,500	23,000
		5	23,500	26,500	20,500	21,000
		8	22,000	27,000	17,000	18,000
Tr 28		3	26,500	28,500	24,500	25,000
		5	25,500	28,500	22,500	23,000
		8	24,000	29,000	19,000	20,000
	Tr 30	3	28,500	30,500	26,500	27,000
		6	27,000	31,000	23,000	24,000
		10	25,000	31,000	19,000	20,000
Tr 32		3	30,500	32,500	28,500	29,000
		6	29,000	33,000	25,000	26,000
		10	27,000	33,000	21,000	22,000
	Tr 34	3	32,500	34,500	30,500	31,000
		6	31,000	35,000	27,000	28,000
		10	29,000	35,000	23,000	24,000
Tr 36		3	34,500	36,500	32,500	33,000
		6	33,000	37,000	29,000	30,000
		10	31,000	37,000	25,000	26,000
	Tr 38	3	36,500	38,500	34,500	35,000
		7	34,500	39,000	30,000	31,000
		10	33,000	39,000	27,000	28,000
Tr 40		3	38,500	40,500	36,500	37,000
		7	36,500	41,000	32,000	33,000
		10	35,000	41,000	29,000	30,000

Ø Nominal Ø Nominal Ø Nominal		Paso Pitch Pass	Ø Medio Pitch Ø Ø Moyen	Ø Exterior Outside Ø Ø Extérieur	Ø Núcleo Core Ø Ø Noyau	
Serie 1	Serie 2	P	$d_2 = D_2$	D	d_n	D_1
	Tr 42	3	40,500	42,500	38,500	39,000
		7	38,500	43,000	34,000	35,000
		10	37,000	43,000	31,000	32,000
Tr 44		3	42,500	44,500	40,500	41,000
		7	40,500	45,000	36,000	37,000
		12	38,000	45,000	31,000	32,000
	Tr 46	3	44,500	46,500	42,500	43,000
		8	42,000	47,000	37,000	38,000
		12	40,000	47,000	33,000	34,000
Tr 48		3	46,500	48,500	44,500	45,000
		8	44,000	49,000	39,000	40,000
		12	42,000	49,000	35,000	36,000
	Tr 50	3	48,500	50,500	46,500	47,000
		8	46,000	51,000	41,000	42,000
		12	44,000	51,000	37,000	38,000
Tr 52		3	50,500	52,500	48,500	49,000
		8	48,000	53,000	43,000	44,000
		12	46,000	53,000	39,000	40,000
	Tr 55	3	53,500	55,500	51,500	52,000
		9	50,500	56,000	45,000	46,000
		14	48,000	57,000	39,000	41,000
Tr 60		3	58,500	60,500	56,500	57,000
		9	55,500	61,000	50,000	51,000
		14	53,000	62,000	44,000	46,000
	Tr 85	4	63,000	65,500	60,500	61,000
		10	60,000	66,000	54,000	55,000
		16	57,000	67,000	47,000	49,000
Tr 70		4	68,000	70,500	65,500	66,000
		10	65,000	71,000	59,000	60,000
		16	62,000	72,000	52,000	54,000
	Tr 75	4	73,000	75,500	70,500	71,000
		10	70,000	76,000	64,000	65,000
		16	67,000	77,000	57,000	59,000
Tr 80		4	78,000	80,500	75,500	76,000
		10	75,000	81,000	69,000	70,000
		16	72,000	82,000	62,000	64,000
	Tr 85	4	83,000	85,500	80,500	81,000
		12	79,000	86,000	72,000	73,000
		18	76,000	87,000	65,000	67,000
Tr 90		4	88,000	90,500	85,500	86,000
		12	84,000	91,000	77,000	78,000
		18	81,000	92,000	70,000	72,000
	Tr 95	4	93,000	95,500	90,500	91,000
		12	89,000	96,000	82,000	83,000
		18	86,000	97,000	75,000	77,000
Tr 100		4	98,000	100,500	95,500	96,000
		12	94,000	101,000	87,000	88,000
		20	90,000	102,000	78,000	80,000