

## Gjenger



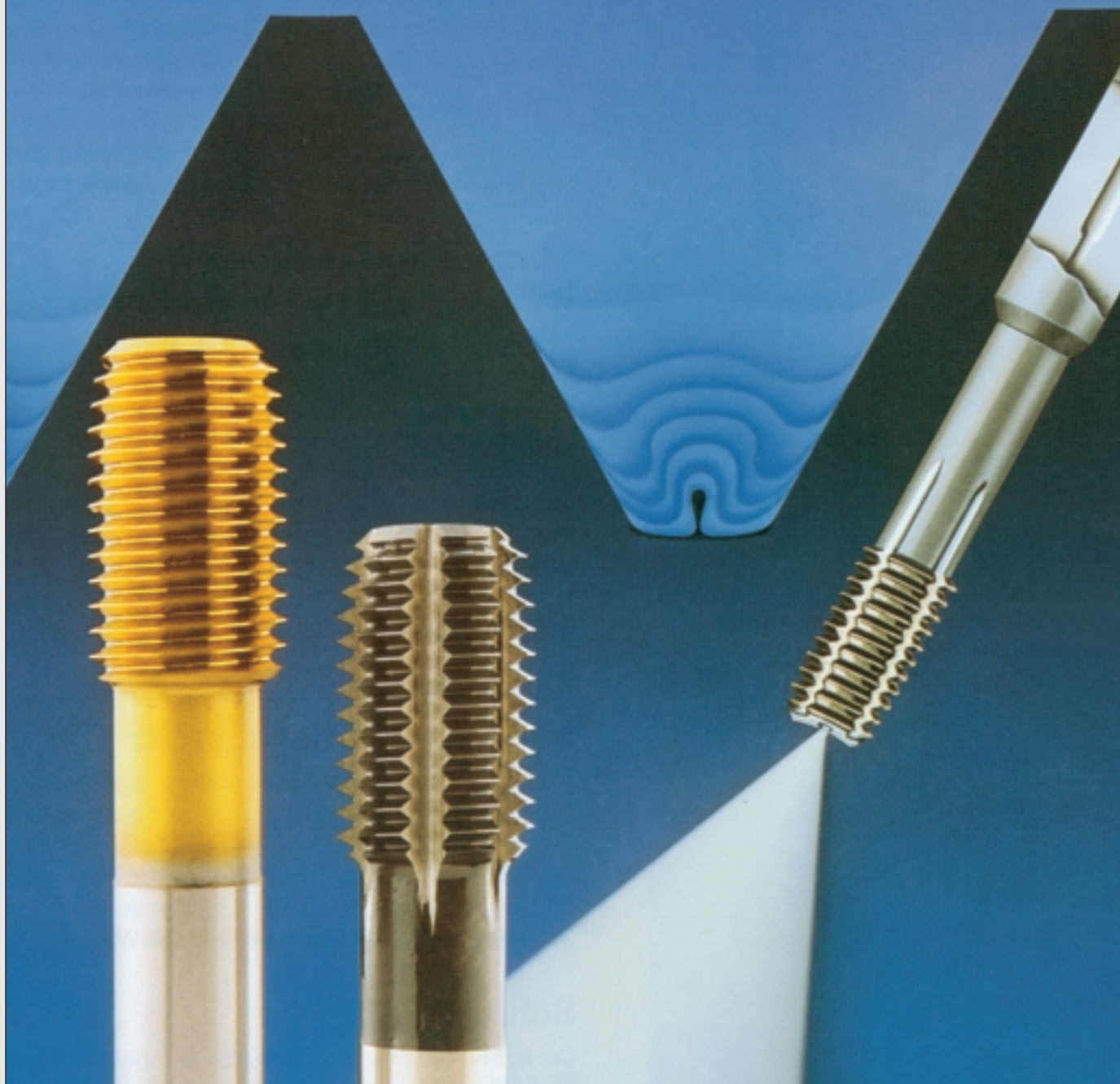
**TINGSTAD**

**EMUGE**

# *Emuge rullegjengetapper*

*Gjengetapper for fremstilling av kaldformede gjenger i plastiske materialer*

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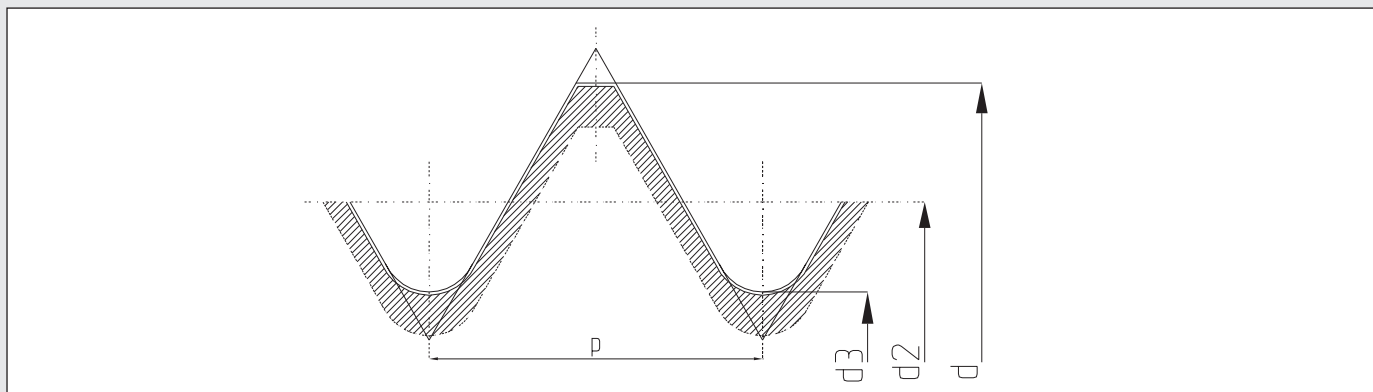
**TINGSTAD**

**Kapittel 5 – Gjenger**

Gjengetabell ISO-metriske gjenger, grensemål skruvegjenger ..... 73 - 74

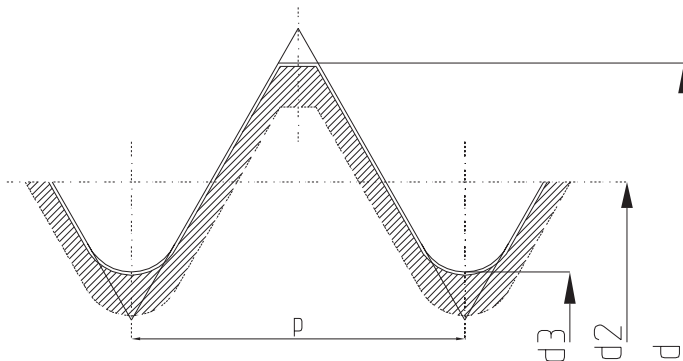
Gjengetabell ISO-metriske gjenger, grensemål muttergjenger ..... 75

**Grensemål**



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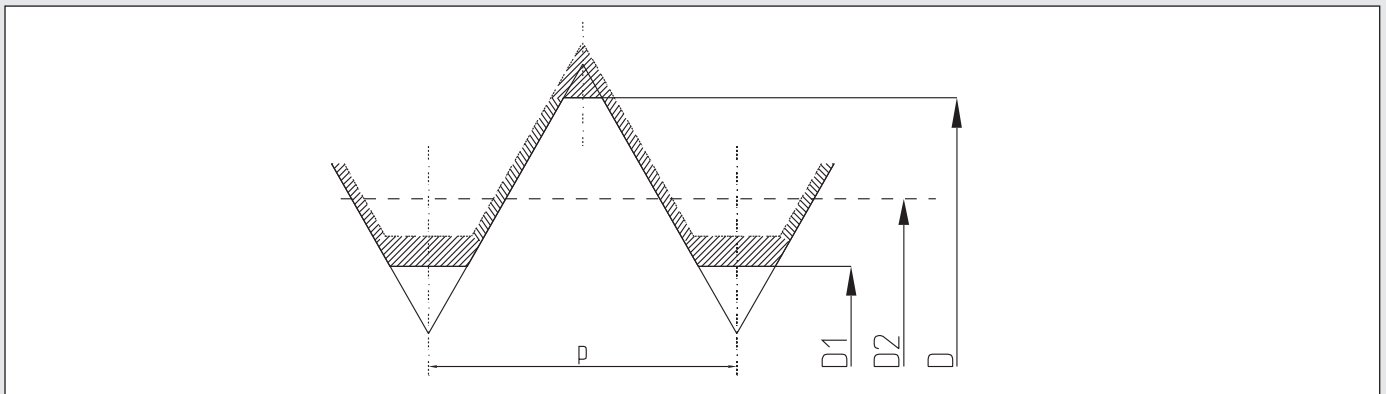
Skruegjenger - grove								
Nom dia. $d = D$	Stigning $P$	Toleranse	Stor diameter $d$		Midtdiameter $d_2$		Liten diameter $d_3$	
			maks mm	min mm	maks mm	min mm	maks mm	min mm
M4	0.7	6g	3.978	3.838	3.523	3.433	3.119	3.002
		6e	3.944	3.804	3.489	3.399	3.085	2.968
M5	0.8	6g	4.976	4.826	4.456	4.361	3.995	3.869
		6e	4.940	4.790	4.420	4.325	3.959	3.833
M6	1.0	6g	5.974	5.794	5.324	5.212	4.747	4.696
		6e	5.940	5.760	5.290	5.178	4.713	4.562
M8	1.25	6g	7.972	7.760	7.160	7.042	6.438	6.272
		6e	7.937	7.725	7.125	7.007	6.403	6.237
M10	1.50	6g	9.968	9.732	8.994	8.862	8.128	7.938
		6e	9.933	9.697	8.959	8.827	8.093	7.903
M12	1.75	6g	11.966	11.701	10.829	10.679	9.819	9.602
		6e	11.929	11.664	10.792	10.642	9.782	9.565
M14	2.0	6g	13.962	13.682	12.663	12.503	11.508	11.271
		6e	13.929	13.649	12.630	12.470	11.475	11.238
M16	2.0	6g	15.962	15.662	14.663	14.503	13.508	13.271
		6e	15.929	15.649	14.630	14.470	13.475	13.238
M18	2.5	6g	17.958	17.623	16.334	16.164	14.891	14.625
		6e	17.920	17.585	16.296	16.126	14.853	14.587
M20	2.5	6g	19.958	19.623	18.334	18.164	16.891	16.625
		6e	19.920	19.585	18.296	18.126	16.853	16.587
M22	2.5	6g	21.958	21.623	20.334	20.164	18.891	18.625
		6e	21.920	21.585	20.296	20.126	18.853	18.587
M24	3.0	6g	23.952	23.577	22.003	21.803	20.271	19.955
		6e	23.915	23.540	21.966	21.766	20.234	19.918
M27	3.0	6g	26.952	26.577	25.003	24.803	23.271	22.955
		6e	26.915	26.540	24.966	24.766	23.234	22.918
M30	3.5	6g	29.947	29.522	27.674	27.462	25.653	25.306
		6e	29.910	29.485	27.637	27.425	26.616	25.269
M33	3.5	6g	32.947	32.522	30.674	30.462	28.653	28.306
		6e	32.910	32.485	30.637	30.425	28.616	28.269
M36	4.0	6g	35.940	35.465	33.342	33.118	31.033	30.655
		6e	35.905	35.430	33.307	33.083	30.998	30.620
M39	4.0	6g	38.940	38.465	36.342	36.118	34.033	33.655
		6e	38.905	38.430	36.307	36.083	33.998	33.620

**Grensemål****Skruegjenger - grove**

Nom dia. <b>d = D</b>	Stigning <b>P</b>	Toleranse	Stor diameter <b>d</b>		Midtdiameter <b>d<sub>2</sub></b>		Liten diameter <b>d<sub>3</sub></b>	
			maks mm	min mm	maks mm	min mm	maks mm	min mm
M42	4.5	6g	41.937	41.437	39.014	38.778	36.416	36.007
		6e	41.900	41.400	38.977	38.741	36.379	35.970
M45	4.5	6g	44.937	44.437	42.014	41.778	39.416	39.007
		e	0	0	7	1	9	0
M48	5.0	6g	47.929	47.399	44.681	44.431	41.795	41.352
		e	4	4	6	6	0	7
M52	5.0	6g	51.929	51.399	48.681	48.431	45.795	45.352
		e	4	4	6	6	0	7
M56	5.5	6g	55.925	55.365	52.353	51.998	49.177	48.700
		e	8	8	6	1	0	3
M60	5.5	6g	59.925	59.365	56.353	55.998	53.177	52.700
		e	8	8	6	1	0	3
M64	6.0	6g	63.920	63.320	60.023	59.743	59.599	56.048
		e	2	2	5	5	1	0
M68	6.0	6g	67.920	67.320	64.023	63.743	60.559	60.048
		e	2	2	5	5	1	0

**Skruegjenger - fine**

M72	4.0	6g	71.940	71.465	69.342	69.106	67.033	66.643
	6.0	6g	71.920	71.320	68.023	67.743	64.559	64.048
M80	3.0	6g	79.952	79.577	78.003	77.791	76.271	75.943
	4.0	6g	79.940	79.465	77.342	77.106	75.033	74.643
	6.0	6g	79.920	79.320	76.023	75.743	72.559	72.048
M95	3.0	6g	94.952	94.577	93.003	92.779	91.271	90.931
	4.0	6g	94.940	94.465	92.342	92.092	90.033	89.629
	6.0	6g	94.920	94.320	91.023	90.723	87.559	87.028
M100	3.0	6g	99.952	99.577	98.003	97.779	96.271	95.931
	4.0	6g	99.940	99.465	97.342	97.092	95.033	94.629
	6.0	6g	99.920	99.320	96.023	95.723	92.559	92.028
M105	3.0	6g	104.952	104.577	103.003	102.779	101.271	100.931
	4.0	6g	104.940	104.465	102.342	102.092	100.033	99.629
	6.0	6g	104.920	104.320	101.023	100.723	97.559	97.028
M110	3.0	6g	109.952	109.577	108.003	107.779	106.271	105.931
	4.0	6g	109.940	109.465	107.342	107.092	105.033	104.629
	6.0	6g	109.920	109.320	106.023	105.723	102.559	102.028

**Grensemål**

<b>Muttermgjenger - grove</b>							
Nom dia $d = D$	Stigning $P$	Toleranse	Stor dia. $D$ $d^3$ min	Midtdiameter $D_2$		Liten diameter $D_1$	
				min. mm	maks. mm	min. mm	maks. mm
M4	0.7	6H	4.000	3.545	3.663	3.242	3.422
M5	0.8	6H	5.000	4.480	4.605	4.134	4.334
M6	1.0	6H	6.000	5.350	5.500	4.917	5.153
M8	1.25	6H	8.000	7.188	7.348	6.647	6.912
M10	1.5	6H	10.000	9.026	9.206	8.376	8.676
M12	1.75	6H	12.000	10.863	11.063	10.106	10.441
M14	2.0	6H	14.000	12.701	12.913	11.835	12.210
M16	2.0	6H	16.000	14.701	14.913	13.835	14.210
M18	2.5	6H	18.000	16.376	16.600	15.294	15.744
M20	2.5	6H	20.000	18.376	18.600	17.294	17.744
M22	2.5	6H	22.000	20.376	20.600	19.294	19.744
M24	3.0	6H	24.000	22.051	22.316	20.752	21.252
M27	3.0	6H	27.000	25.051	25.316	23.752	24.252
M30	3.5	6H	30.000	27.727	28.007	26.211	26.771
M33	3.5	6H	33.000	30.727	31.007	29.211	29.771
M36	4.0	6H	36.000	33.402	33.702	31.670	32.270
M39	4.0	6H	39.000	36.402	36.702	34.670	35.270
M42	4.5	6H	42.000	39.077	39.392	37.127	37.799
M45	4.5	6H	45.000	42.077	42.392	40.129	40.799
M48	5.0	6H	48.000	44.752	45.087	42.587	43.297
M52	5.0	6H	52.000	48.752	49.087	46.587	47.297
M56	5.5	6H	56.000	52.428	52.783	50.046	50.796
M60	5.5	6H	60.000	56.428	56.783	54.046	54.796
M64	6.0	6H	64.000	60.103	60.478	57.505	58.305
M68	6.0	6H	68.000	64.103	64.478	61.505	62.305
<b>Muttermgjenger - fine</b>							
M72	4.0	6H	72.000	69.402	69.717	67.670	68.270
M72	6.0	6H	72.000	68.103	68.478	65.505	66.305
M80	4.0	6H	80.000	77.402	77.717	75.670	76.270
M80	6.0	6H	80.000	76.103	76.478	73.505	74.305
M95	4.0	6H	95.000	92.402	92.737	90.670	91.270
M95	6.0	6H	95.000	91.103	91.503	88.505	89.305
M100	4.0	6H	100.000	97.402	97.737	95.670	96.270
M100	6.0	6H	100.000	96.103	96.503	93.505	94.305
M105	6.0	6H	105.000	101.103	101.503	98.505	99.305
M110	6.0	6H	110.000	106.103	106.503	103.505	104.305



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