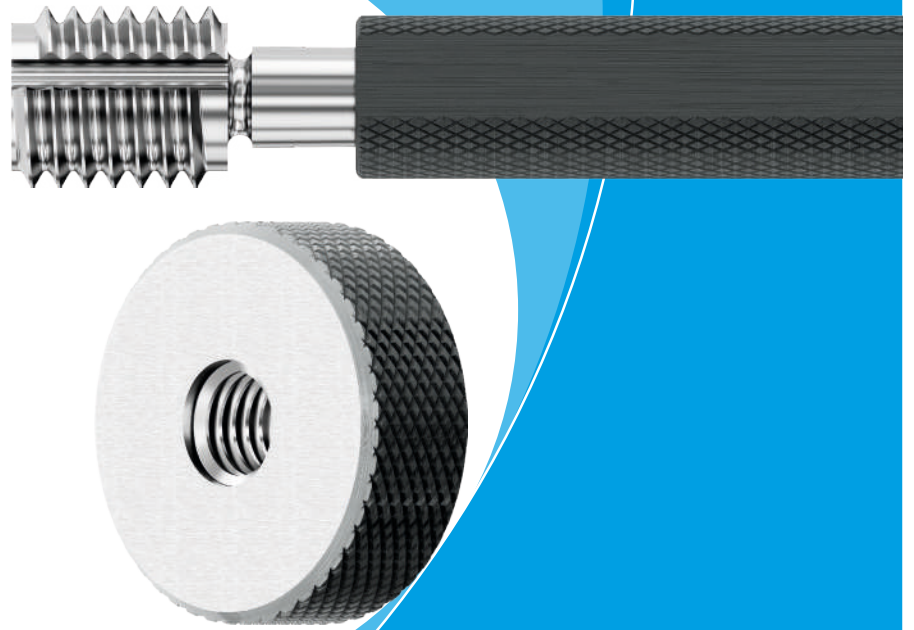


UNSERE PRÄZISION IST IHR ERFOLG  
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# GEWINDELEHREN

Thread gauges  
Calibres de contrôle  
Calibri filettati





DIN ISO 1502



TOLERANZ / TOLERANCE TOLLÉRANCE / TOLLERANZA									
d <sub>1</sub>	P		5H	6H	6G	5H	6H	5H	6H
M 1	0,25		L100HA2103			L101HA2151		L102HA2190	
M 1,1	0,25		L100HA2104			L101HA2152		L102HA2191	
M 1,2	0,25		L100HA2105			L101HA2153		L102HA2192	
M 1,4	0,3		L100HA2106			L101HA2154		L102HA2193	
M 1,6	0,35			L100HA2107			L101HA2155		L102HA2194
M 1,8	0,35			L100HA2108			L101HA2156		L102HA2195
M 2	0,4			L100HA2109	L100GA2134		L101HA2157		L102HA2196
M 2,2	0,45			L100HA2110	L100GA2135		L101HA2158		L102HA2197
M 2,5	0,45			L100HA2111	L100GA2136		L101HA2159		L102HA2198
M 3	0,5			L100HA2112	L100GA2137		L101HA2160		L102HA2199
M 3,5	0,6			L100HA2113	L100GA2138		L101HA2161		L102HA2200
M 4	0,7			L100HA2114	L100GA2139		L101HA2162		L102HA2201
M 4,5	0,75			L100HA2115			L101HA2163		L102HA2202
M 5	0,8			L100HA2116	L100GA2140		L101HA2164		L102HA2203
M 6	1			L100HA2117	L100GA2141		L101HA2165		L102HA2204
M 7	1			L100HA2118			L101HA2166		L102HA2205
M 8	1,25			L100HA2119	L100GA2142		L101HA2167		L102HA2206
M 9	1,25			L100HA2120			L101HA2168		L102HA2207
M 10	1,5			L100HA2121	L100GA2143		L101HA2169		L102HA2208
M 12	1,75			L100HA2122	L100GA2144		L101HA2170		L102HA2209
M 14	2			L100HA2123	L100GA2145		L101HA2171		L102HA2210
M 16	2			L100HA2124	L100GA2146		L101HA2172		L102HA2211
M 18	2,5			L100HA2125	L100GA2147		L101HA2173		L102HA2212
M 20	2,5			L100HA2126	L100GA2148		L101HA2174		L102HA2213
M 22	2,5			L100HA2127	L100GA2149		L101HA2175		L102HA2214
M 24	3			L100HA2128	L100GA2150		L101HA2176		L102HA2215
M 27	3			L100HA2129			L101HA2177		L102HA2216
M 30	3,5			L100HA2130			L101HA2178		L102HA2217
M 33	3,5			L100HA2131			L101HA2179		L102HA2218
M 36	4			L100HA2132			L101HA2180		L102HA2219
M 39	4			L100HA2133			L101HA2181		L102HA2220
M 42	4,5						L101HA2182		L102HA2221
M 45	4,5						L101HA2183		L102HA2222
M 48	5						L101HA2184		L102HA2223
M 52	5						L101HA2185		L102HA2224
M 56	5,5						L101HA2186		L102HA2225
M 60	5,5						L101HA2187		L102HA2226
M 64	6						L101HA2188		L102HA2227
M 68	6						L101HA2189		L102HA2228

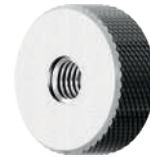




6h		6g		6h		6g		d <sub>i</sub>	P
L200GA2229				L201GA2268				M 1	0,25
L200GA2230				L201GA2269				M 1,1	0,25
L200GA2231				L201GA2270				M 1,2	0,25
L200GA2232				L201GA2271				M 1,4	0,3
	L200GA2233					L201GA2272		M 1,6	0,35
	L200GA2234					L201GA2273		M 1,8	0,35
	L200GA2235					L201GA2274		M 2	0,4
	L200GA2236					L201GA2275		M 2,2	0,45
	L200GA2237					L201GA2276		M 2,5	0,45
	L200GA2238					L201GA2277		M 3	0,5
	L200GA2239					L201GA2278		M 3,5	0,6
	L200GA2240					L201GA2279		M 4	0,7
	L200GA2241					L201GA2280		M 4,5	0,75
	L200GA2242					L201GA2281		M 5	0,8
	L200GA2243					L201GA2282		M 6	1
	L200GA2244					L201GA2283		M 7	1
	L200GA2245					L201GA2284		M 8	1,25
	L200GA2246					L201GA2285		M 9	1,25
	L200GA2247					L201GA2286		M 10	1,5
	L200GA2248					L201GA2287		M 12	1,75
	L200GA2249					L201GA2288		M 14	2
	L200GA2250					L201GA2289		M 16	2
	L200GA2251					L201GA2290		M 18	2,5
	L200GA2252					L201GA2291		M 20	2,5
	L200GA2253					L201GA2292		M 22	2,5
	L200GA2254					L201GA2293		M 24	3
	L200GA2255					L201GA2294		M 27	3
	L200GA2256					L201GA2295		M 30	3,5
	L200GA2257					L201GA2296		M 33	3,5
	L200GA2258					L201GA2297		M 36	4
	L200GA2259					L201GA2298		M 39	4
	L200GA2260					L201GA2299		M 42	4,5
	L200GA2261					L201GA2300		M 45	4,5
	L200GA2262					L201GA2301		M 48	5
								M 52	5
								M 56	5,5
								M 60	5,5
								M 64	6
								M 68	6

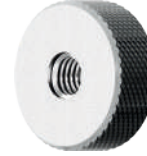


DIN ISO 1502



TOLERANZ / TOLERANCE TOLÉRANCE / TOLLERANZA			6H	6H	6H	6g	6g
d <sub>1</sub>	x	P					
MF 2,5	x	0,35	L100HA2309	L101HA2449	L102HA2923	L200GA3397	L201GA3871
MF 3	x	0,35	L100HA2310	L101HA2450	L102HA2924	L200GA3398	L201GA3872
MF 3,5	x	0,35	L100HA2311	L101HA2451	L102HA2925	L200GA3399	L201GA3873
MF 4	x	0,35	L100HA2312	L101HA2452	L102HA2926	L200GA3400	L201GA3874
MF 4	x	0,5	L100HA2325	L101HA2465	L102HA2939	L200GA3413	L201GA3887
MF 4,5	x	0,5	L100HA2326	L101HA2466	L102HA2940	L200GA3414	L201GA3888
MF 5	x	0,5	L100HA2327	L101HA2467	L102HA2941	L200GA3415	L201GA3889
MF 6	x	0,5	L100HA2328	L101HA2468	L102HA2942	L200GA3416	L201GA3890
MF 6	x	0,75	L100HA2344	L101HA2484	L102HA2958	L200GA3432	L201GA3906
MF 7	x	0,75	L100HA2345	L101HA2485	L102HA2959	L200GA3433	L201GA3907
MF 8	x	0,5	L100HA2330	L101HA2470	L102HA2944	L200GA3418	L201GA3892
MF 8	x	0,75	L100HA2346	L101HA2486	L102HA2960	L200GA3434	L201GA3908
MF 8	x	1	L100HA2369	L101HA2509	L102HA2983	L200GA3457	L201GA3931
MF 9	x	0,75				L200GA3435	L201GA3909
MF 9	x	1	L100HA2370	L101HA2510	L102HA2984	L200GA3458	L201GA3932
MF 10	x	0,75	L100HA2348	L101HA2488	L102HA2962	L200GA3436	L201GA3910
MF 10	x	1	L100HA2371	L101HA2511	L102HA2985	L200GA3459	L201GA3933
MF 10	x	1,25	L100HA2399	L101HA2558	L102HA3032	L200GA3506	L201GA3980
MF 11	x	1	L100HA2372	L101HA2512	L102HA2986	L200GA3460	L201GA3934
MF 12	x	0,75				L200GA3438	L201GA3912
MF 12	x	1	L100HA2373	L101HA2513	L102HA2987	L200GA3461	L201GA3935
MF 12	x	1,25	L100HA2400	L101HA2559	L102HA3033	L200GA3507	L201GA3981
MF 12	x	1,5	L100HA2402	L101HA2561	L102HA3035	L200GA3509	L201GA3983
MF 13	x	1	L100HA2374	L101HA2514	L102HA2988	L200GA3462	L201GA3936
MF 13	x	1,5	L100HA2403	L101HA2562	L102HA3036	L200GA3510	L201GA3984
MF 14	x	1	L100HA2375	L101HA2515	L102HA2989	L200GA3463	L201GA3937
MF 14	x	1,25	L100HA2401	L101HA2560	L102HA3034	L200GA3508	L201GA3982
MF 14	x	1,5	L100HA2404	L101HA2563	L102HA3037	L200GA3511	L201GA3985
MF 15	x	1	L100HA2376	L101HA2516	L102HA2990	L200GA3464	L201GA3938
MF 15	x	1,5	L100HA2405	L101HA2564	L102HA3038	L200GA3512	L201GA3986
MF 16	x	1	L100HA2377	L101HA2517	L102HA2991	L200GA3465	L201GA3939
MF 16	x	1,5	L100HA2406	L101HA2565	L102HA3039	L200GA3513	L201GA3987
MF 17	x	1	L100HA2378	L101HA2518	L102HA2992	L200GA3466	L201GA3940
MF 17	x	1,5	L100HA2407	L101HA2566	L102HA3040	L200GA3514	L201GA3988
MF 18	x	1	L100HA2379	L101HA2519	L102HA2993	L200GA3467	L201GA3941
MF 18	x	1,5	L100HA2408	L101HA2567	L102HA3041	L200GA3515	L201GA3989
MF 18	x	2	L100K00430	L101K00431	L102K00432	L200K00433	L201K00434
MF 20	x	1	L100HA2381	L101HA2521	L102HA2995	L200GA3469	L201GA3943
MF 20	x	1,5	L100HA2409	L101HA2568	L102HA3042	L200GA3516	L201GA3990
MF 20	x	2	L100HA2425	L101HA2671	L102HA3145	L200GA3619	L201GA4093
MF 22	x	1	L100HA2383	L101HA2523	L102HA2997	L200GA3471	L201GA3945
MF 22	x	1,5	L100HA2410	L101HA2569	L102HA3043	L200GA3517	L201GA3991
MF 22	x	2	L100HA2426	L101HA2672	L102HA3146	L200GA3620	L201GA4094
MF 24	x	1	L100HA2385	L101HA2525	L102HA2999	L200GA3473	L201GA3947
MF 24	x	1,5	L100HA2411	L101HA2570	L102HA3044	L200GA3518	L201GA3992
MF 24	x	2	L100HA2427	L101HA2673	L102HA3147	L200GA3621	L201GA4095
MF 25	x	1	L100HA2386	L101HA2526	L102HA3000	L200GA3474	L201GA3948
MF 25	x	1,5	L100HA2412	L101HA2571	L102HA3045	L200GA3519	L201GA3993
MF 25	x	2	L100HA2428	L101HA2674	L102HA3148	L200GA3622	L201GA4096
MF 26	x	1	L100HA2387	L101HA2527	L102HA3001	L200GA3475	L201GA3949
MF 26	x	1,5	L100HA2413	L101HA2572	L102HA3046	L200GA3520	L201GA3994
MF 26	x	2	L100HA2429	L101HA2675	L102HA3149	L200GA3623	L201GA4097
MF 27	x	1	L100HA2388	L101HA2528	L102HA3002	L200GA3476	L201GA3950
MF 27	x	1,5	L100HA2414	L101HA2573	L102HA3047	L200GA3521	L201GA3995
MF 27	x	2	L100HA2430	L101HA2676	L102HA3150	L200GA3624	L201GA4098

DIN ISO 1502



TOLERANZ / TOLERANCE TOLERANCE / TOLLERANZA			6H	6H	6H	6g	6g
d <sub>1</sub>	x	P					
MF 28	x	1	L100HA2389	L101HA2529	L102HA3003	L200GA3477	L201GA3951
MF 28	x	1,5	L100HA2415	L101HA2574	L102HA3048	L200GA3522	L201GA3996
MF 28	x	2	L100HA2431	L101HA2677	L102HA3151	L200GA3625	L201GA4099
MF 30	x	1	L100HA2390	L101HA2530	L102HA3004	L200GA3478	L201GA3952
MF 30	x	1,5	L100HA2416	L101HA2575	L102HA3049	L200GA3523	L201GA3997
MF 30	x	2	L100HA2432	L101HA2678	L102HA3152	L200GA3626	L201GA4100
MF 30	x	3	L100HA2441	L101HA2774	L102HA3248		
MF 32	x	1	L100HA2391	L101HA2531	L102HA3005		
MF 32	x	1,5	L100HA2417	L101HA2576	L102HA3050		
MF 32	x	2	L100HA2433	L101HA2679	L102HA3153		
MF 33	x	1	L100HA2392	L101HA2532	L102HA3006		
MF 33	x	1,5	L100HA2418	L101HA2577	L102HA3051		
MF 33	x	2	L100HA2434	L101HA2680	L102HA3154		
MF 33	x	3	L100HA2442	L101HA2775	L102HA3249		
MF 34	x	1	L100HA2393	L101HA2533	L102HA3007		
MF 34	x	1,5	L100HA2419	L101HA2578	L102HA3052		
MF 34	x	2	L100HA2435	L101HA2681	L102HA3155		
MF 35	x	1	L100HA2394	L101HA2534	L102HA3008		
MF 35	x	1,5	L100HA2420	L101HA2579	L102HA3053		
MF 35	x	2	L100HA2436	L101HA2682	L102HA3156		
MF 36	x	1	L100HA2395	L101HA2535	L102HA3009		
MF 36	x	1,5	L100HA2421	L101HA2580	L102HA3054		
MF 36	x	2	L100HA2437	L101HA2683	L102HA3157		
MF 36	x	3	L100HA2443	L101HA2776	L102HA3250		
MF 38	x	1	L100HA2396	L101HA2536	L102HA3010		
MF 38	x	2	L100HA2438	L101HA2684	L102HA3158		
MF 39	x	1	L100HA2397	L101HA2537	L102HA3011		
MF 39	x	1,5	L100HA2423	L101HA2582	L102HA3056		
MF 39	x	2	L100HA2439	L101HA2685	L102HA3159		
MF 40	x	1	L100HA2398	L101HA2538	L102HA3012		
MF 40	x	1,5	L100HA2424	L101HA2583	L102HA3057		
MF 40	x	2	L100HA2440	L101HA2686	L102HA3160		
MF 40	x	3	L100HA2445	L101HA2778	L102HA3252		
MF 42	x	1		L101HA2539	L102HA3013		
MF 42	x	1,5		L101HA2584	L102HA3058		
MF 42	x	2		L101HA2687	L102HA3161		
MF 42	x	3		L101HA2779	L102HA3253		
MF 45	x	1		L101HA2540	L102HA3014		
MF 45	x	1,5		L101HA2585	L102HA3059		
MF 45	x	2		L101HA2688	L102HA3162		
MF 45	x	3		L101HA2780	L102HA3254		
MF 48	x	1		L101HA2541	L102HA3015		
MF 48	x	1,5		L101HA2586	L102HA3060		
MF 48	x	2		L101HA2689	L102HA3163		
MF 48	x	3		L101HA2781	L102HA3255		
MF 50	x	1		L101HA2542	L102HA3016		
MF 50	x	1,5		L101HA2587	L102HA3061		
MF 50	x	2		L101HA2690	L102HA3164		
MF 50	x	3		L101HA2782	L102HA3256		
MF 52	x	1		L101HA2543	L102HA3017		
MF 52	x	1,5		L101HA2588	L102HA3062		
MF 52	x	2		L101HA2691	L102HA3165		
MF 52	x	3		L101HA2783	L102HA3257		

ANSI/ASME B1.2



TOLERANZ / TOLERANCE TOLLÉRANCE / TOLLERANZA	2B	2B	2B	2A	2A
$d_1$ - P/1"					
UNC Nr. 1 - 64	L100BA4343	L101BA4366	L102BA4399	L200AA4432	L201AA4465
UNC Nr. 2 - 56	L100BA4344	L101BA4367	L102BA4400	L200AA4433	L201AA4466
UNC Nr. 3 - 48	L100BA4345	L101BA4368	L102BA4401	L200AA4434	L201AA4467
UNC Nr. 4 - 40	L100BA4346	L101BA4369	L102BA4402	L200AA4435	L201AA4468
UNC Nr. 5 - 40	L100BA4347	L101BA4370	L102BA4403	L200AA4436	L201AA4469
UNC Nr. 6 - 32	L100BA4348	L101BA4371	L102BA4404	L200AA4437	L201AA4470
UNC Nr. 8 - 32	L100BA4349	L101BA4372	L102BA4405	L200AA4438	L201AA4471
UNC Nr. 10 - 24	L100BA4350	L101BA4373	L102BA4406	L200AA4439	L201AA4472
UNC Nr. 12 - 24	L100BA4351	L101BA4374	L102BA4407	L200AA4440	L201AA4473
UNC 1/4 - 20	L100BA4352	L101BA4375	L102BA4408	L200AA4441	L201AA4474
UNC 5/16 - 18	L100BA4353	L101BA4376	L102BA4409	L200AA4442	L201AA4475
UNC 3/8 - 16	L100BA4354	L101BA4377	L102BA4410	L200AA4443	L201AA4476
UNC 7/16 - 14	L100BA4355	L101BA4378	L102BA4411	L200AA4444	L201AA4477
UNC 1/2 - 13	L100BA4356	L101BA4379	L102BA4412	L200AA4445	L201AA4478
UNC 9/16 - 12	L100BA4357	L101BA4380	L102BA4413	L200AA4446	L201AA4479
UNC 5/8 - 11	L100BA4358	L101BA4381	L102BA4414	L200AA4447	L201AA4480
UNC 3/4 - 10	L100BA4359	L101BA4382	L102BA4415	L200AA4448	L201AA4481
UNC 7/8 - 9	L100BA4360	L101BA4383	L102BA4416	L200AA4449	L201AA4482
UNC 1 - 8	L100BA4361	L101BA4384	L102BA4417	L200AA4450	L201AA4483
UNC 1 1/8 - 7	L100BA4362	L101BA4385	L102BA4418	L200AA4451	L201AA4484
UNC 1 1/4 - 7	L100BA4363	L101BA4386	L102BA4419	L200AA4452	L201AA4485
UNC 1 3/8 - 6	L100BA4364	L101BA4387	L102BA4420	L200AA4453	L201AA4486
UNC 1 1/2 - 6	L100BA4365	L101BA4388	L102BA4421	L200AA4454	L201AA4487
UNC 1 3/4 - 5		L101BA4389	L102BA4422	L200AA4455	L201AA4488
UNC 2 - 4,5		L101BA4390	L102BA4423	L200AA4456	L201AA4489



ANSI/ASME B1.2



TOLERANZ / TOLERANCE TOLLÉRANCE / TOLLERANZA	2B	2B	2B	2A	2A
$d_1$ - P/1"					
UNF Nr. 0 - 80	L100BA4498	L101BA4522	L102BA4546	L200AA4570	L201AA4594
UNF Nr. 1 - 72	L100BA4499	L101BA4523	L102BA4547	L200AA4571	L201AA4595
UNF Nr. 2 - 64	L100BA4500	L101BA4524	L102BA4548	L200AA4572	L201AA4596
UNF Nr. 3 - 56	L100BA4501	L101BA4525	L102BA4549	L200AA4573	L201AA4597
UNF Nr. 4 - 48	L100BA4502	L101BA4526	L102BA4550	L200AA4574	L201AA4598
UNF Nr. 5 - 44	L100BA4503	L101BA4527	L102BA4551	L200AA4575	L201AA4599
UNF Nr. 6 - 40	L100BA4504	L101BA4528	L102BA4552	L200AA4576	L201AA4600
UNF Nr. 8 - 36	L100BA4505	L101BA4529	L102BA4553	L200AA4577	L201AA4601
UNF Nr. 10 - 32	L100BA4506	L101BA4530	L102BA4554	L200AA4578	L201AA4602
UNF Nr. 12 - 28	L100BA4507	L101BA4531	L102BA4555	L200AA4579	L201AA4603
UNF 1/4 - 28	L100BA4508	L101BA4532	L102BA4556	L200AA4580	L201AA4604
UNF 5/16 - 24	L100BA4509	L101BA4533	L102BA4557	L200AA4581	L201AA4605
UNF 3/8 - 24	L100BA4510	L101BA4534	L102BA4558	L200AA4582	L201AA4606
UNF 7/16 - 20	L100BA4511	L101BA4535	L102BA4559	L200AA4583	L201AA4607
UNF 1/2 - 20	L100BA4512	L101BA4536	L102BA4560	L200AA4584	L201AA4608
UNF 9/16 - 18	L100BA4513	L101BA4537	L102BA4561	L200AA4585	L201AA4609
UNF 5/8 - 18	L100BA4514	L101BA4538	L102BA4562	L200AA4586	L201AA4610
UNF 3/4 - 16	L100BA4515	L101BA4539	L102BA4563	L200AA4587	L201AA4611
UNF 7/8 - 14	L100BA4516	L101BA4540	L102BA4564	L200AA4588	L201AA4612
UNF 1 - 12	L100BA4517	L101BA4541	L102BA4565	L200AA4589	L201AA4613
UNF 1 1/8 - 12	L100BA4518	L101BA4542	L102BA4566	L200AA4590	L201AA4614
UNF 1 1/4 - 12	L100BA4519	L101BA4543	L102BA4567	L200AA4591	L201AA4615
UNF 1 3/8 - 12	L100BA4520	L101BA4544	L102BA4568	L200AA4592	L201AA4616
UNF 1 1/2 - 12	L100BA4521	L101BA4545	L102BA4569	L200AA4593	L201AA4617





ASME B1.20.1 | 3



3-Step-Design

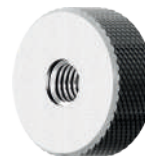


3-Step-Design

TOLERANZ / TOLERANCE TOLÉRANCE / TOLLERANZA			-	-
d <sub>1</sub> - P/1"				
NPT	1/16	- 27	L100KA4722	L202KA4739
NPT	1/8	- 27	L100KA4723	L202KA4740
NPT	1/4	- 18	L100KA4724	L202KA4741
NPT	3/8	- 18	L100KA4725	L202KA4742
NPT	1/2	- 14	L100KA4726	L202KA4743
NPT	3/4	- 14	L100KA4727	L202KA4744
NPT	1	- 11,5	L100KA4728	L202KA4745
NPTF	1/16	- 27	L100KA4756	L202KA4768
NPTF	1/8	- 27	L100KA4757	L202KA4769
NPTF	1/4	- 18	L100KA4758	L202KA4770
NPTF	3/8	- 18	L100KA4759	L202KA4771
NPTF	1/2	- 14	L100KA4760	L202KA4772
NPTF	3/4	- 14	L100KA4761	L202KA4773
NPTF	1	- 11,5	L100KA4762	L202KA4774



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TOLERANZ / TOLERANCE TOLÉRANCE / TOLLERANZA	-	-	-	A	A
$d_1$ - P/1"					
G 1/16 - 28	L100A4618	L101A4628	L102A4652		
G 1/8 - 28	L100A4619	L101A4629	L102A4653	L200A4676	L201A4699
G 1/4 - 19	L100A4620	L101A4630	L102A4654	L200A4677	L201A4700
G 3/8 - 19	L100A4621	L101A4631	L102A4655	L200A4678	L201A4701
G 1/2 - 14	L100A4622	L101A4632	L102A4656	L200A4679	L201A4702
G 5/8 - 14	L100A4623	L101A4633	L102A4657	L200A4680	L201A4703
G 3/4 - 14	L100A4624	L101A4634	L102A4658	L200A4681	L201A4704
G 7/8 - 14	L100A4625	L101A4635	L102A4659	L200A4682	L201A4705
G 1 - 11	L100A4626	L101A4636	L102A4660	L200A4683	L201A4706
G 1 1/8 - 11	L100A4627	L101A4637	L102A4661	L200A4684	L201A4707
G 1 1/4 - 11		L101A4638	L102A4662	L200A4685	L201A4708
G 1 1/2 - 11		L101A4639	L102A4663	L200A4686	L201A4709
G 1 3/4 - 11		L101A4640	L102A4664	L200A4687	L201A4710
G 2 - 11		L101A4641	L102A4665	L200A4688	L201A4711

