

PRÄZISIONS-GEWINDELEHREN — PRECISION THREAD GAUGES

D5703



DC-Grenz-Gewindelehrendorn mit Gut- und Ausschusseite
Baumasse nach DIN 2280 bis Nenndurchmesser 40 mm

DC "Go" / "No-Go" thread plug gauge

Dimensions according to DIN 2280 till nominal diameter 40 mm

D5701-1



DC-Gut-Gewindelehrendorn

Baumasse nach DIN 2281-1;

über Nenndurchmesser 40 mm nach DIN 2281-2

DC "Go" thread plug gauge

dimensions according to DIN 2281-1;

above nominal diameter of 40 mm as per DIN 2281-2

D5701-2



DC-Ausschuss-Gewindelehrendorn

Baumasse nach DIN 2283-1;

über Nenndurchmesser 40 mm nach DIN 2283-2

DC "No-Go" thread plug gauge

dimensions according to DIN 2283-1;

above nominal diameter of 40 mm as per DIN 2283-2

D5720



DC-Grenz-Gewindelehrendorn kegelig

mit Messstufe

DC "Go" / "No-Go" thread plug gauge conical

with step limit

Wichtiger Hinweis

DC SWISS SA ist spezialisiert für die Herstellung von Gewindelehrendornen mit extrem feinen Gewinden, wie sie häufig in der Uhrenindustrie zum Einsatz kommen, speziell für die Kontrolle von Innengewinden in Uhrengehäusen.

Auf Anfrage unterbreiten wir Ihnen gerne ein entsprechendes Angebot.

Important note

DC SWISS SA is specialised in the manufacture of thread plug gauges with extremely fine threads, such as those frequently used in the watchmaking industry, especially for checking internal threads in watch cases.

On request, we will be pleased to submit you an appropriate quotation.



PRÄZISIONS-GEWINDELEHREN — PRECISION THREAD GAUGES

D5704



DC-Gut-Gewindelehrring

Baumasse nach DIN 2285-1

DC "Go" thread ring gauge

dimensions according to DIN 2285-1

D5714



DC-Ausschuss-Gewindelehrring

Baumasse nach DIN 2299-1

DC "No-Go" thread ring gauge

dimensions according to DIN 2299-1

D5721



DC-Grenz-Gewindelehrring, für kegeliges Aussengewinde mit Messstufe

**DC "Go" / "No-Go" thread ring gauge for tapered external thread
with step limit**

Gewindelehren ab Lager lieferbar ohne Prüfzertifikat.

Auf Wunsch können diese Gewindelehren kurzfristig mit Prüfzertifikat geliefert werden, Preis für Prüfzertifikat auf Anfrage.

Für neue Gewindelehren (Neulieferung) / Messunsicherheit U95.

Alle zertifizierten Gewindelehren werden mit der auf dem entsprechenden Prüfzertifikat aufgeführten Ident-Nummer beschriftet.













Thread gauges available from stock without test certificate.

However, all gauges can be delivered in short time with test certificate on demand, price for the certificate on request.

For new ordered thread gauges / measuring uncertainty U95.

All "certified" thread gauges will be marked with the identity number of the corresponding test certificate.

Inhaltsverzeichnis — Gewindelehrdorne und Gewindelehrringe
Directory — Screw thread plug and ring gauges

Merkmale Characteristics							
							
Typ Type		D5701-1	D5701-2	D5703	D5720	D5722	D5725
M 6H / 6g	ISO DIN 13	294	294	294			
M 6G / 6e	ISO DIN 13			294			
M 6H / 6g LH	ISO DIN 13			294			
MF 6H / 6g	ISO DIN 13	296 - 297	297	296 - 297			
MF 6G / 6e	ISO DIN 13			296			
MF 6H / 6g LH	ISO DIN 13			296			
UNC	ASME B1.1	300		300			
UNF	ASME B1.1	301		301			
UNEF	ASME B1.1			301			
NPT	ASME B1.20.1				303		
NPTF	ANSI B1.20.3				303		
G (BSP)	DIN EN ISO 228	302	302	302			
PG	DIN 40430						302
EG M	ISO DIN 8140			304			
EG UNC	ASME B18.29.1			304			
EG UNF	ASME B18.29.1			304			

Piktogramme - Pictographs

	"Gut" "Go"
	"Ausschuss" "No-Go"
	"Gut" / "Ausschuss" "Go" / "No-Go"
	Toleranz 6H, "Gut" Tolerance 6H, "Go"
	Toleranz 6G, "Gut" / "Ausschuss" Tolerance 6G, "Go" / "No-Go"
	Toleranz 6g, "Ausschuss" Tolerance 6g, "No-Go"
	Linksgewinde Left-hand thread

D5704	D5714	D5721	D5723
295	295		
295	295		
295			
298 - 299	298 - 299		
298			
300	300		
301	301		
301	301		
		303	
		303	
302	302		
302			

Gewindelehren ab Lager lieferbar ohne Prüfzertifikat.

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M ISO DIN 13 DIN ISO 1502





		D5701-1	D5701-2	D5703	D5703 LH	D5703	
D5701-1	M1 - M1.4 = 						
D5703	M1 - M1.4 = 				 		
$\emptyset d_1$ M	P mm	ID	ID	ID	ID	ID	
1	0.25			● 100242			
1.1	0.25			● 100243			
1.2	0.25			● 100244			
1.4	0.3			● 100245			
1.6	0.35			● 100246			
1.7	0.35			● 100247			
1.8	0.35			● 100248			
2	0.4			● 100278	● 105159	● 104982	
2.2	0.45			● 100280			
2.3	0.4			● 100281			
2.5	0.45			● 100283	● 105160	● 104979	
2.6	0.45			● 100285			
3	0.5			● 100310	● 104964	● 104976	
3.5	0.6			● 100312		● 104977	
4	0.7			● 100333	● 104966	● 104978	
4.5	0.75	* 100114					
5	0.8			● 100348	● 104967	● 104980	
6	1			● 100363	● 104968	● 104981	
7	1			● 100369			
8	1.25			● 100373	● 104969	● 104983	
9	1.25			● 100375			
10	1.5			● 100253	● 104970	● 104984	
11	1.5			* 100256			
12	1.75			● 100261	● 104971	● 104985	
14	2	* 100045		● 100266		● 104986	
16	2			● 100271	● 104973	● 104987	
18	2.5	* 100055		● 100276		* 104988	
20	2.5	* 100068		● 100289	● 104975	● 104989	
22	2.5	* 100072		● 100293	* 110178		
24	3	* 100076		● 100297	● 110179		
27	3			● 100305			
30	3.5			● 100316			
33	3.5	* 100101		● 100322			
36	4	* 100107		● 100328			
39	4	* 100109		● 100330			
42	4.5	● 100119	● 142843				
45	4.5	● 100122	● 142844				
48	5	● 100125	● 142845				
52	5	● 100132	● 142846				
56	5.5	● 100137	● 142847				


M ISO DIN 13 DIN ISO 1502


		D5704	D5704 LH	D5704	D5714	D5714		
D5704	M1 - M1.4 = 6h							
D5714	M1 - M1.4 = 6h		6g	6g LH	6e	6g	6e	
Ø d ₁ M	P mm	ID	ID	ID	ID	ID		
1	0.25	● 100480			● 110419			
1.2	0.25	● 100481			● 110420			
1.4	0.3	● 100482			● 110421			
1.6	0.35	● 100483			● 110422			
1.7	0.35	● 100484			● 111439			
1.8	0.35	● 100485			● 110423			
2	0.4	● 100515	● 105006		● 100734			
2.2	0.45	● 100517			● 100735			
2.3	0.4	● 100518			● 100736			
2.5	0.45	● 100520			● 100737			
2.6	0.45	● 100522			● 100738			
3	0.5	● 100547	● 105001		● 100763			
3.5	0.6	● 100549	● 110302	* 110301	● 100765	* 142836		
4	0.7	● 100570	● 105003		● 100774			
5	0.8	● 100585	● 105004	* 104993	● 100778	* 143406		
6	1	● 100600	● 105005	* 104994	● 100781	* 135556		
7	1	● 100605		* 104995	● 100783			
8	1.25	● 100611	● 105007		● 100786			
9	1.25	● 100610			● 100788			
10	1.5	● 100490	● 105008		● 100711	* 142842		
11	1.5				* 100713			
12	1.75	● 100498	● 105009		● 100718			
14	2	● 100503	● 105010		● 100723			
16	2	● 100508	● 105011		● 100728			
18	2.5	● 100513	● 105012		● 100733			
20	2.5	● 100526	● 105013		● 100742			
22	2.5	● 100530	● 110298		● 100746			
24	3	● 100534			● 100750			
27	3	● 100542			● 100758			
30	3.5	● 100553			● 100769			
33	3.5	* 100559			* 100770			
39	4				* 110440			
45	4.5				* 110448			
56	5.5	* 100595			* 110461			

		D5701-1	D5703	D5703 LH	D5703		
$\emptyset d_1$ MF	P mm	ID	ID	ID	ID		
2.5	0.35		● 100282				
3	0.35		● 100309				
4	0.35		● 100331				
4	0.5		● 100332				
5	0.5		● 100347	● 105016	● 105045		
6	0.5	* 100140	● 100361	● 110184			
6	0.75		● 100362		● 105046		
7	0.5		● 100367				
7	0.75	* 100147	● 100368				
8	0.5	* 100149	● 100370				
8	0.75		● 100371	● 105018	● 105047		
8	1	* 100151	● 100372	● 105019	● 105048		
9	1		● 100374				
10	0.5		● 100249				
10	0.75		● 100250				
10	1		● 100251	● 105020	● 105049		
10	1.25	* 100031	● 100252				
11	1	* 100034	● 100255				
12	0.75	* 100036	● 100257				
12	1		● 100258	● 105021	● 105050		
12	1.25		● 100259				
12	1.5		● 100260	● 105022			
14	1		● 100263	● 110171			
14	1.25		● 100264				
14	1.5		● 100265	● 105023	● 105052		
15	1		● 100267				
15	1.5		● 100268				
16	1		● 100269	● 110172			
16	1.5		● 100270	● 105024	● 105053		
17	1		● 100272				
18	1		● 100273				
18	1.5		● 100274	● 105025	● 105054		
18	2	* 100054	● 100275				
20	1	* 100065	● 100286				
20	1.5		● 100287	● 105026			
20	2	* 100067	● 100288		* 110176		
22	1		● 100290				
22	1.5		● 100291	● 110177			
22	2		● 100292				
24	1		● 100294				
24	1.5		● 100295				
24	2		● 100296				

MF ISO DIN 13 DIN ISO 1502

		D5701-1	D5701-2	D5703			
							
							
$\emptyset d_1$ MF	P mm	ID	ID	ID			
25	1			● 100298			
25	1.5			● 100299			
25	2			● 100300			
26	1			● 100301			
26	1.5	* 100081		● 100302			
27	1.5	* 100082		● 100303			
27	2	* 100083		● 100304			
28	1			● 100306			
28	1.5	* 100086		● 100307			
28	2	* 100087		● 100308			
30	1	* 100092		● 100313			
30	1.5			● 100314			
30	2			● 100315			
32	1			● 100317			
32	1.5			● 100318			
32	2			● 100319			
33	1.5			● 100320			
33	2			● 100321			
35	1.5			● 100323			
36	1.5			● 100325			
36	2			● 100326			
36	3			● 100327			
38	1.5	* 100108		● 100329			
40	1.5			● 100336			
40	2			● 100337			
42	1.5	● 100117	● 142848				
42	2	● 100118	● 142849				
45	1.5	● 100120	● 110127				
45	2	● 100121	● 142851				
48	1.5	● 100123	● 123180				
48	2	● 100124	● 142853				
50	1.5	● 100128	● 142854				
50	2	● 100129	● 142855				
52	1.5	● 100130	● 123428				
52	2	● 100131	● 142857				
55	1.5		● 123468				
55	2	● 100134	● 142859				
56	1.5	● 100135	● 142860				
56	2	● 100136	● 142861				
58	1.5	● 100138	● 142862				
58	2	● 100139	● 142863				
60	1.5	● 100143	● 142864				
60	2	● 100144	● 142865				

		D5704	D5704 LH	D5714			
							
		6g	6g LH	6g			
Ø d ₁ MF	P mm	ID	ID	ID			
2.5	0.35	● 100519		● 110427			
3	0.35	● 100546		● 100762			
3.5	0.35	● 100548		● 100764			
4	0.35	● 100568		● 100772			
4	0.5	● 100569		● 100773			
4.5	0.5	● 100571		● 100775			
5	0.5	● 100584	● 105057	● 100777			
6	0.5	● 100598	● 110307	● 100779			
6	0.75	● 100599	● 105058	● 100780			
7	0.5	● 100603		● 110467			
7	0.75	● 100604		● 100782			
8	0.5	● 100606					
8	0.75	● 100607	* 105059	● 100784			
8	1	● 100608	● 105060	● 100785			
9	1	● 100609		● 100787			
10	0.5	● 100486		● 100707			
10	0.75	● 100487		● 100708			
10	1	● 100488	● 105061	● 100709			
10	1.25	● 100489		● 100710			
11	1	● 100492		● 100712			
12	0.75	● 100494		● 100714			
12	1	● 100495	● 105062	● 100715			
12	1.25	● 100496		● 100716			
12	1.5	● 100497	● 105063	● 100717			
13	1	● 100499		● 100719			
14	1	● 100500	● 110290	● 100720			
14	1.25	● 100501		● 100721			
14	1.5	● 100502	● 105064	● 100722			
15	1	● 100504		● 100724			
15	1.5	● 100505		● 100725			
16	1	● 100506	● 110292	● 100726			
16	1.5	● 100507	● 105065	● 100727			
17	1	● 100509		● 100729			
18	1	● 100510		● 100730			
18	1.5	● 100511	● 105066	● 100731			
20	1	● 100523	● 110295	● 100739			
20	1.5	● 100524	● 105067	● 100740			
20	2	● 100525		● 100741			
22	1	● 100527		● 100743			
22	1.5	● 100528		● 100744			
22	2	● 100529		● 100745			
24	1	● 100531		● 100747			
24	1.5	● 100532		● 100748			
24	2	● 100533					

		D5704	D5714				
							
		6g	6g				
Ø d ₁ MF	P mm	ID	ID				
25	1	● 100535					
25	1.5	● 100536					
26	1	● 100538					
26	1.5	● 100539					
27	1.5	● 100540					
27	2	● 100541	* 100757				
28	1	● 100543					
28	1.5	● 100544	* 100760				
30	1	● 100550					
30	1.5	● 100551					
30	2	● 100552					
32	1	● 100554					
32	1.5	● 100555					
32	2	● 100556					
33	1.5	● 100557					
33	2	● 100558	* 110433				
35	1.5	● 100560					
36	1.5	● 100562					
36	2	● 100563					
36	3	● 100564					
38	1.5	● 100566					
40	1.5	● 100573					
42	1.5	● 100575					
42	2	● 100576					
45	1.5	● 100578					
45	2	● 100579					
48	1.5	● 100581	* 110449				
48	2	● 100582					
50	1.5	● 100586					
50	2	● 100587	* 110453				
52	1.5		* 110454				
52	2	● 100589					
55	1.5	● 100591					
55	2	● 100592	* 110458				
56	1.5	● 100593	* 110459				
56	2		* 110460				
58	1.5	● 100596					
58	2	● 100597	* 110463				
60	1.5	● 100601					
60	2	● 105014					

		D5701-1	D5703	D5704	D5714		
Ø" d ₁ UNC	P TPI	ID	ID	ID	ID		
1	64		● 100408	● 110347	● 110473		
2	56		● 100414	● 110353	● 110479		
3	48		● 100416				
4	40	* 110080	● 110224	● 110357	● 110483		
5	40		● 100420				
6	32	* 110084	● 100423	● 110361	● 110487		
8	32		● 100426	● 110364	● 110490		
10	24	* 110074	● 100412	● 110351	● 110477		
12	24		● 100413				
1/4	20		● 100410	● 110349	● 110475		
5/16	18	* 110082	● 100421	● 110359	● 110485		
3/8	16	* 110079	● 100418	● 110356	● 110482		
7/16	14	* 110085	● 100424	● 110362	● 110488		
1/2	13	* 110071	● 100409	● 110348	● 110474		
9/16	12		● 100427	● 110365	* 110491		
5/8	11		● 100422	● 110360			
3/4	10	* 110078	● 100417	● 110355	* 110481		
7/8	9		● 100425	● 110363	* 110489		
1	8	* 110073	● 100411	● 110350	* 110476		
1 1/8	7	* 110068	● 100405	* 110345	* 110471		
1 1/4	7	* 110067	● 100404	* 110344	* 110470		
1 3/8	6	* 110069	● 100407	* 110346	* 110472		
1 1/2	6	* 110066	● 100403	* 110343	* 110469		













UNF, UNEF

ASME B1.1
ANSI / ASME B1.2

		D5701-1	D5703	D5704	D5714		
Ø" d ₁ UNF	P TPI	ID	ID	ID	ID		
0	80		● 110246				
1	72		● 110251	● 110383	● 110508		
2	64		● 110256	● 110389	● 110514		
3	56		● 110257	● 110390	● 110515		
4	48		● 110260	● 110393	● 110518		
5	44	* 110116					
6	40		● 110264				
8	36	* 110122	● 110267				
10	32		● 110254	● 110387	● 110512		
12	28		● 110255	● 110388	● 110513		
1/4	28	* 110107	● 110006	● 110385	● 110510		
5/16	24	* 110117	● 110262	● 110395	● 110520		
3/8	24	* 110114	● 110259	● 110392	● 110517		
7/16	20	* 110120	● 110265	● 110398	● 111440		
1/2	20	* 110106	● 110252	● 110384	● 110509		
9/16	18		● 110268	● 110401			
5/8	18		● 110263	● 110396			
3/4	16		● 110258	● 110391			
7/8	14		● 110266	● 110399			
1	12		● 128646	● 110386			
1 1/8	12	* 110103	● 110249	● 110381			
1 1/4	12		● 110248	● 110380	* 110505		
1 3/8	12	* 110104	● 110250		* 110507		
1 1/2	12		● 110247	● 110379			
Ø" d ₁ UNEF	P TPI	ID	ID	ID	ID		
12	32		● 110238				
1/4	32		● 110236	● 110368	● 110493		
5/16	32		● 110241	● 110373	● 110498		
3/8	32		● 110240	● 110372	● 110497		
7/16	28		● 110243	● 110375	● 110500		
1/2	28		● 110235	● 110367	● 110492		
9/16	24		● 110245	● 110377	● 110502		
5/8	24		● 110242	● 110374	● 110499		
3/4	20		● 110239	● 110371	● 110496		
7/8	20		● 110244				
1	20		● 110253	● 110369	● 110494		



G DIN EN ISO 228 (BSP)
DIN EN ISO 228-2

PG DIN 40430
DIN 40431

		D5701-1	D5701-2	D5703	D5704	D5714	D5725
							
							
$\emptyset'' d_1$ G	P TPI	ID	ID	ID	ID	ID	
1/8	28	* 110044		● 110009	● 110277	● 110408	
1/4	19			● 110003	● 110276	● 110407	
3/8	19	* 110052		● 110162	● 110284	● 110415	
1/2	14			● 110001	● 110275	● 110406	
5/8	14			● 110164	● 110286	● 110417	
3/4	14			● 110161	● 110283	● 110414	
7/8	14	* 110054		● 110165			
1	11			● 110156	● 110278	● 110409	
1 1/8	11			● 110154		* 110404	
1 1/4	11	● 110041	● 119459		● 110272		
1 1/2	11	● 110040	● 119429		● 110271		
1 3/4	11	● 110043	● 142868		● 110274	* 110405	
2	11	● 110050	● 110126		● 110282		
2 1/4	11					* 110411	
2 1/2	11		* 110125				
2 3/4	11					* 110412	
$\emptyset d_1$ PG	P TPI			ID			ID
7	20						● 110216
9	18						● 110217
11	18						● 110205
13.5	18						● 110209
16	18						● 110210
21	16				* 110331		● 110211
29	16						● 110212

NPT ASME B1.20.1 ASME B1.20.1

NPTF ANSI B1.20.3 ASA B2.2





		D5720	D5721				
							
							
Ø" d ₁ NPT	P TPI	ID	ID				
1/16	27	● 110190	● 110313				
1/8	27	● 110193	● 110316				
1/4	18	● 110192	● 110315				
3/8	18	● 110197	● 110320				
1/2	14	● 110191	● 110314				
3/4	14	● 110196	● 110319				
1	11.5	● 110194	● 110317				
1 1/4	11.5	● 110189	● 110312				
1 1/2	11.5	● 110188	● 110311				
2	11.5	● 110195	● 110318				
Ø" d ₁ NPTF	P TPI	ID	ID				
1/8	27	● 110201					
1/4	18	● 110200	* 110323				
3/8	18	● 110204					
1/2	14	● 110199	* 110322				
3/4	14	● 110203	* 110326				
1	11.5	● 110202	* 110325				

EG M

ISO DIN 8140-2
DIN ISO 1502

EG UNC, EG UNF

ASME B18.29.1
~ ISO 1502

		D5703	D5703	D5703				
								
								
Ø d, EG M	P mm	ID						
2.5	0.45	● 110132						
3	0.5	● 110133						
4	0.7	● 110134						
5	0.8	● 110135						
6	1	● 110136						
8	1.25	● 110137						
10	1.5	● 110128						
12	1.75	● 110129						
16	2	● 110131						
Ø" d, EG UNC	P TPI	ID						
4	40	● 170252						
6	32	● 170253						
8	32	● 170254						
10	24	● 170255						
1/4	20	● 170256						
5/16	18	● 170257						
3/8	16	● 170258						
Ø" d, EG UNF	P TPI	ID						
6	40	● 170259						
8	36	● 170260						
10	32	● 161020						
1/4	28	● 151790						
5/16	24	● 170261						
3/8	24	● 160134						