



nano

QUALITY

 100% SWISS MADE



nano

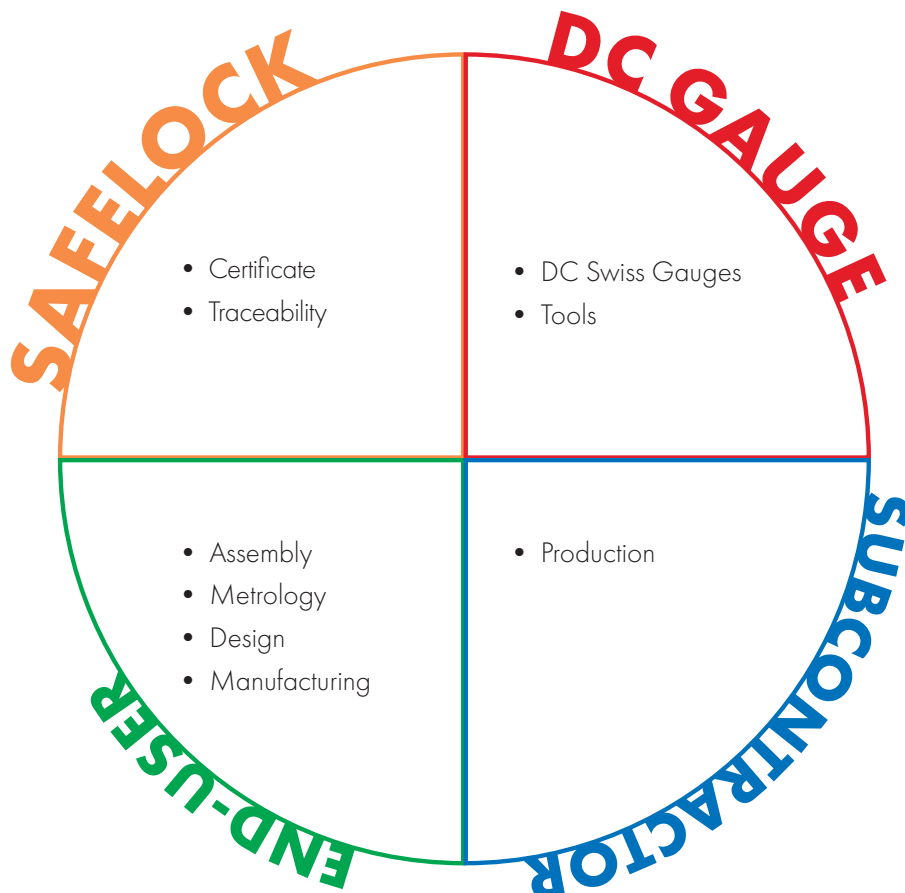
www.dcswiss.com

DC SERVICES



	 <p>Member of DC Group</p>	<p>Customer benefit:</p> <ul style="list-style-type: none"> • Assembler: Secured assembling
 <p>www.dcswiss.com</p>	<p>Threading expert:</p> <ul style="list-style-type: none"> • Program • Measure • Tooling • Handling • Design 	<ul style="list-style-type: none"> • Designer: Thread functionality
<p>Solution:</p> <ul style="list-style-type: none"> • Thread tapping • Thread forming • Rigid tapping • Thread whirling • Thread milling • Thread gauges • Cutting dies • Holding Systems 	<p>Assembly expert:</p> <ul style="list-style-type: none"> • Ajustable screw • Self Locking • High quality screw <p>Calibration:</p> <ul style="list-style-type: none"> • SCS Certificate 	<ul style="list-style-type: none"> • Manufacturer: Control on the production • Metrologist: Control and traceability

PROCESS



DC OVERVIEW

RING GAUGES IN DISK FORM

DZ04
GO

Ø ext. 20 mm



DZ14
NO-GO



RING GAUGES IN SHANK

DN04
GO

Ø shank 6 mm



DN14
NO-GO



RANGE

Ø 0.3 - 2.74 mm

NORMS

NIHS

NT

RT

M

UNC

UNF

UNM

SL

PLUG GAUGES

DN01
GO

DN02
NO-GO



RANGE

Ø 0.3 - 2.74 mm

NORMS

NIHS

NT

RT

M

SL

UNC

UNF

UNM



RN 05-1 GO check plug for GO screw ring gauge «DZ04, DN04»
RN 15-1 GO check plug for NO-GO screw ring gauge «DZ14, DN14»



RN 05-2 NO-GO check plug for GO screw ring gauge «DZ04, DN04»
RN 15-2 NO-GO check plug for NO-GO screw ring gauge «DZ14, DN14»



RN 05-3 Wear check plug for GO screw ring gauge «DZ04, DN04 »
RN 15-3 Wear check plug for NO-GO screw ring gauge «DZ14, DN14 »

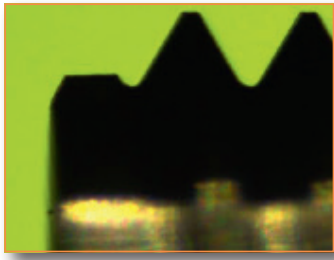


EN 00 Calibrating thread gauge

AVAILABILITY

New products available from october 2018

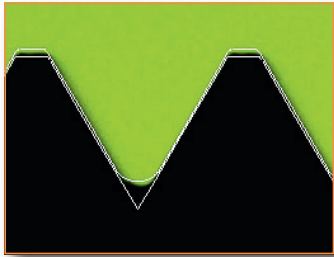
DC COMPETENCES



USER FRIENDLY

The grinding of the first incomplete tooth and the front face of the gauge guarantees an optimal insertion engagement with the thread, which is essential for a correct measurement.

This entry allows the gauges to check the maximal depth of the thread.



PROFILE PRECISION

Our know-how in the field of grinding guarantees the perfect surface conditions and control over the tolerances on the shape of the profile.



RING GAUGE NO-GO

Clearance of the outer diameter of the NO-GO ring gauges ensures accurate inspection of the thread flanks by eliminating the risk of a control falsified by the blocking on the outside diameter of the gauge.



MODULAR SYSTEM

A connecting screw is used to assemble the GO gauge with the NO-GO part according to your needs. The rigid box secures the gauges during transportation. Its moulded interior protects the product from shocks and dirt.



RING GAUGE

Ring gauges in tempered superalloy stainless steel for extended service life.



PLUG GAUGE

Solid carbide thread plug for extended use with ongoing measurement.



GRINDED GAUGES TO ENSURE A PERFECT SHAPE OF PROFILE AND SURFACE QUALITY

FACTORY CERTIFICATE

The factory certificate sent with each shipment confirms the highest quality maintained during the manufacturing process.

AVAILABLE IN LANGUAGES: DE / FR / EN

DC SWISS SA quality control

DC SWISS SA
CH-2735 Malleray
E-mail: info@dcswiss.ch
TVA/MWST: CHE-101.648.838 TVA



DIN EN 10204-2.1
Werksbescheinigung
Attestation de conformité à la norme
Certificate with Compliance with the Standard

Für Pour For	Gewindelehndorn Tampons de filetage Screw thread plug	
Produit Produit Product	Gewinde-Norm Norme de filetage Thread-norm	Tolérance Tolérance Tolerance
DN01 DN02	STB.U758-002D-F STB.U758-002D-F	NIHS NT NIHS NT

Konform nach
Conforme selon
Compliance with

NIHS 06-10 **Filetages miniatures S NIHS-Profil de base et tolérances**
U758-002D-F **Tolérances de jauges selon une interprétation d'un groupe horloger**

Toutes les jauges tampons sont certifiées par Safelock SA numéro d'accréditation: SCS 0143
Certificat SCS sur demande: sales@dcswiss.ch

Malleray, 01.06.2018

DC SWISS SA Grand-Rue 19 Case postale 363 CH-2735 Malleray Tel. +41 32 491 63 63 Fax +41 32 491 64 64

CALIBRATION SERVICE

CERTIFICATE: PROOF OF QUALITY

A certificate is a written confirmation of the quality by the metrological instruments of the company. Safelock SA (Accreditation SCS 0143), a member of the DC Swiss Group, offers you the control and calibration certificate of thread gauges according to the international standard ISO 17025.

This payed service is offered for measuring the dimensions ranging Pitch-Ø from 0.1-3.0 mm and External-Ø from 0.1 - 3.5 mm.

All Plug gauges are SCS certified.

Accredited ISO 17025/2005

© Safelock SA



Département fédéral de l'économie,
de la formation et de la recherche DFER
Secrétariat d'Etat à l'économie SECO
Service d'accréditation suisse SAS

En vertu de l'ordonnance sur l'accréditation et la désignation du 17 juin 1996 et sur la base de l'avis de la Commission fédérale d'accréditation, le Service d'accréditation suisse (SAS) délivre à la

Safelock sa
Métrologie
Grand-rue 19
2735 Malleray



Durée de l'accréditation :
06.01.2016 au 05.01.2021
(1ère accréditation: 06.01.2016)

l'accréditation en tant que

Laboratoire d'étalonnage pour les longueurs


Norme internationale : ISO/CEI 17025:2005
Norme suisse : SN EN ISO/IEC 17025:2005


3003 Berne, le 06.01.2016
Service d'accréditation suisse SAS


Responsable du SAS
Konrad Flück

Le SAS est signataire des accords multilatéraux de l'EA (European co-operation for Accreditation) pour les domaines d'essais, d'étalonnage, d'inspection et de certification de systèmes de management, de certification de personnes et de certification de produits, de processus et de prestations de services, de l'IAF (International Accreditation Forum) pour les domaines de certification de systèmes de management et de certification de produits, de processus et de prestations de services, et de l'ILAC (International Laboratory Accreditation Cooperation) pour les domaines d'essais et d'étalonnage.

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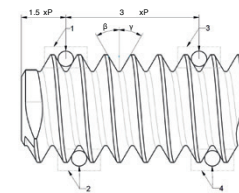




Zertifikat No. C10290 Seite von Seiten 3 / 3
No. du certificat Page de pages
Certificate No. Page of pages

Messung No. 102960 Durchmesser Tastrügel 0.1053 (mm)
No. mesure Diamètre du palpeur
Measure No. Probe diameter

Messergebnis / Résultats de mesure / Measuring results						
Messung von / Measure of / Mesure de	Nominal	Max.	Min.	Messung / Measure / Mesure	Unsicherheit / Uncertainty	Bemerkung / Remark
Steigung / Flan / Flank (mm)	0.2550	0.2550	0.2450	0.2480	0.007	
Flanken-Ø / Ø sur flancs / Flank-Ø 1.2 (mm)	0.9400	0.9400	0.9350	0.9400	0.0010	
Flanken-Ø / Ø sur flancs / Flank-Ø 3.4 (mm)	0.9400	0.9400	0.9350	0.9393	0.0019	
Außen-Ø / Ø extérieur / Major-Ø 1.2 (mm)	0.9900	0.9900	0.9870	0.9897	0.0003	
Außen-Ø / Ø extérieur / Major-Ø 3.4 (mm)	0.9900	0.9900	0.9870	0.9888	0.0003	
Gamma (1+2+3+4) (°)	30.0000	30.2000	29.8000	30.0500	0.4	
Beta (1+2+3+4) (°)	30.0000	30.2000	29.8000	29.8500	0.4	



Anzahl Gewindegänge / Number of Threads: 1

Safelock SA Grand-Rue 19 CH-2735 Malleray Tel. +41 32 491 63 63 Fax +41 32 491 64 64 www.safelock.ch

nano THREAD CUTTING

HSSE-PM and solid carbide Thread cutting tap



nano THREAD FORMING

HSSE-PM and solid carbide Thread former



nano THREAD WHIRL CUTTER

Thread whirl cutter



nano SOFT RIGID TAPPING

Tapping chuck



nano THREAD GAUGES

Thread gauges



SL *Micro*
Safelock
Member of **DC** Group
Metrology

