



TOUCHES & ACCESSOIRES

pour comparateurs et pupitas



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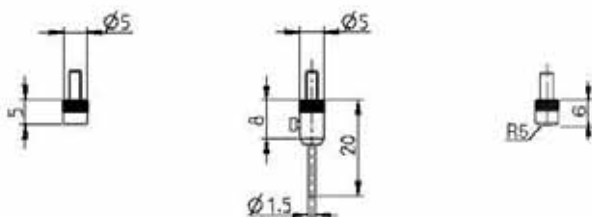
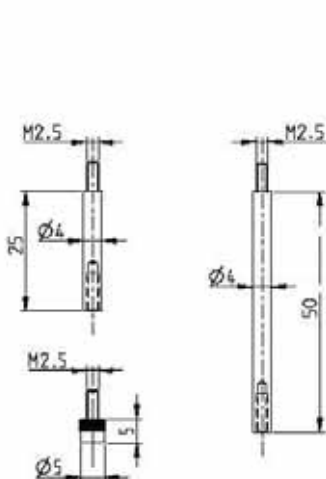
www.menegon-metrologie.com

Comparateur

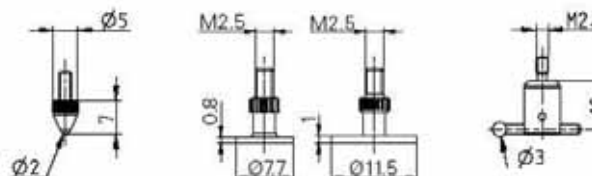
S_Dial

ACCESSOIRES

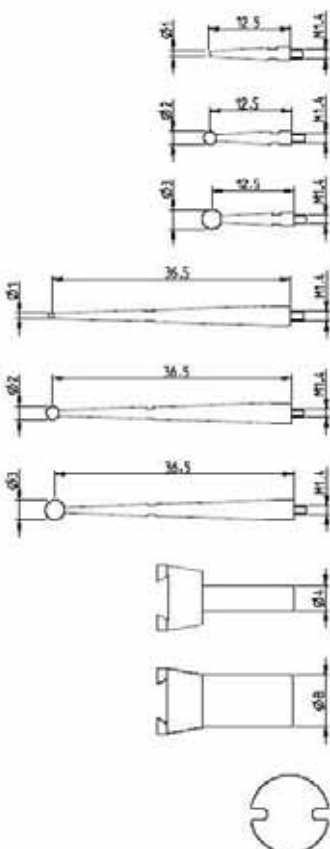
Touches de mesure M 2.5



905.2201 905.2202 905.2203



905.2204 905.2205 905.2207



905.2240 Palpeur court, bille en métal dur
905.2241 Palpeur standard court, bille en métal dur
905.2242 Palpeur court, bille en métal dur
905.2243 Palpeur long, bille en métal dur
905.2244 Palpeur standard long, bille en métal dur
905.2245 Palpeur long, bille en métal dur
905.2246 Tenon de fixation
905.2247 Tenon de fixation
905.2248 Clé pour palpeur

S233	S234	S229 12,5 - 25 mm	S229 50 - 150 mm	S213 12,5 - 25 mm
●		●	●	●
●		●	●	●

Touches de mesure pour comparateurs

Puntas de medida para comparadores

- Filetage d'attachement M2,5
- Livrées en emballage individuel

- Rosca de montaje M2,5
- Suministradas en paquetes individuales

1 Autres versions et touches spéciales selon plan sur demande.

1 Otras versiones y puntas especiales según esquema bajo demanda.

Conseil pour commandes:

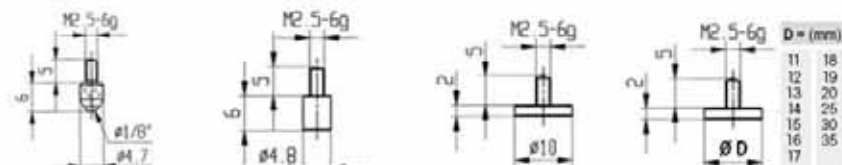
Pour des touches avec plusieurs versions de diamètre et de longueurs, veuillez préciser la dimension nominale demandée. Exemple :

Type de touche 1330 103-D avec Ø19 mm = No. 1330 103-19

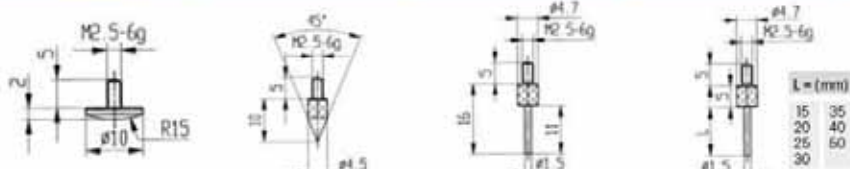
Recomendación para pedidos:

Para puntas con varias versiones de diámetro y longitud, por favor indicar la dimensión nominal deseada. Ejemplo:

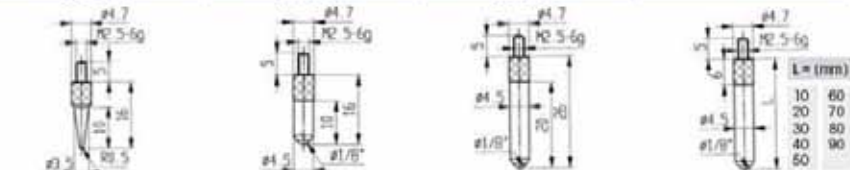
Punta tipo 1330 103-D con Ø19 mm = No. 1330 103-19



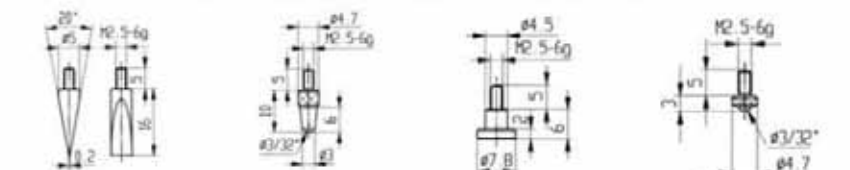
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 101	1330 102	1330 103	1330 103-D
Carbure de tungstène / Carburo de tungsteno	1330 201	1330 202	1330 203	-
Insert en rubis / Puntas de rubi	1330 301	-	-	-
Insert en saphir / Puntas de zafiro	1330 401	-	-	-



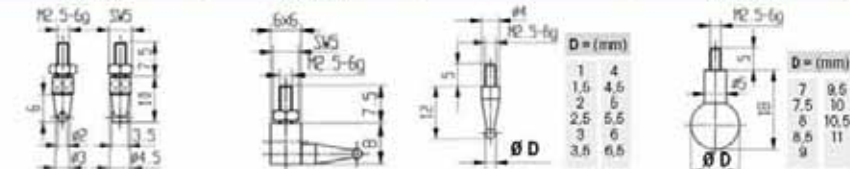
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 104	1330 105	1330 106	1330 106-L
Carbure de tungstène / Carburo de tungsteno	1330 204	1330 205	1330 206	-



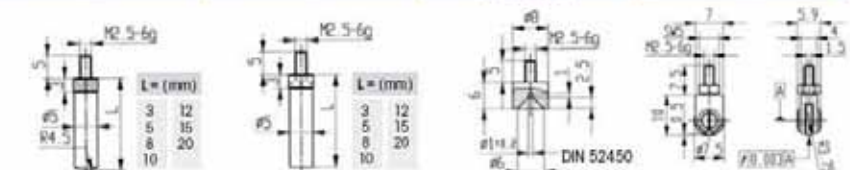
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 107	1330 108	1330 109	1330 109-L
Carbure de tungstène / Carburo de tungsteno	-	1330 208	1330 209	-
Insert en rubis / Puntas de rubi	-	1330 308	1330 309	-
Insert en saphir / Puntas de zafiro	-	1330 408	1330 409	-



Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 112	1330 113	1330 114	1330 115
Carbure de tungstène / Carburo de tungsteno	1330 212	1330 213	-	1330 215



Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 116	1330 117	1330 110-D	1330 111-D
Carbure de tungstène / Carburo de tungsteno	-	-	1330 210-D	-



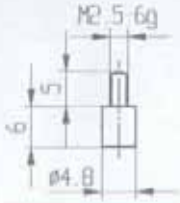
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 118-D	1330 119-D	1330 501	1330 601

Touches amovibles du palpeur pour comparateurs

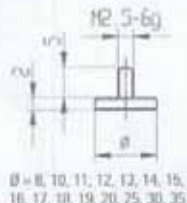
avec filetage M 2,5



573/70

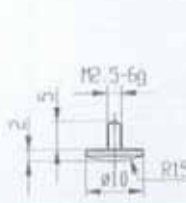


573/10

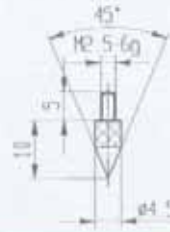


573/11

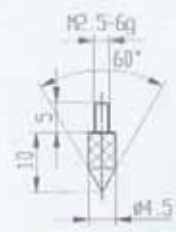
Ø = 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 25, 30, 35



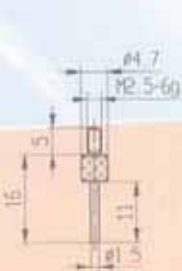
573/12



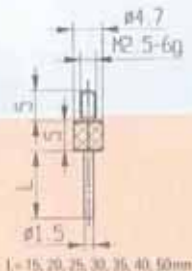
573/13



573/13-60

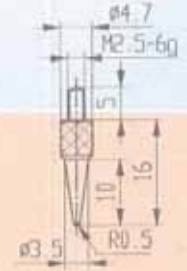


573/14

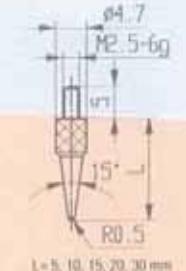


573/14 L

L = 15, 20, 25, 30, 35, 40, 50 mm

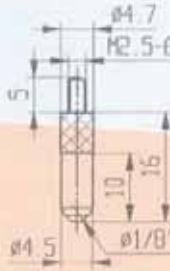


573/15



573/15 L

L = 5, 10, 15, 20, 30 mm

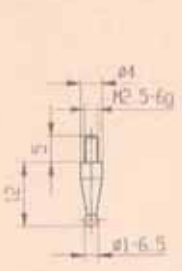


573/16

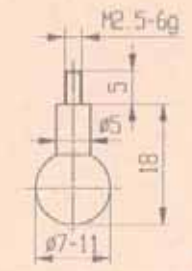


573/17 L

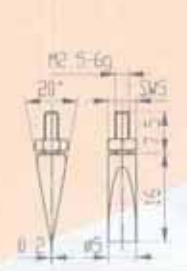
L = 10, 20, 30, 40, 50, 60, 70, 80, 90 mm



573/18



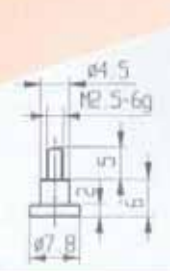
573/19



573/20 E



573/21



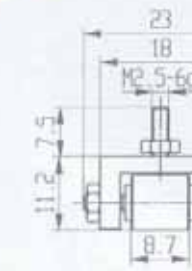
573/22



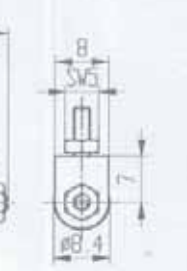
573/23



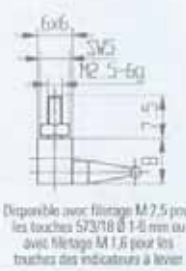
573/24 E



573/25 E



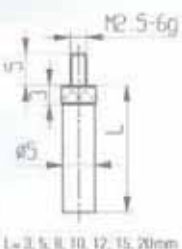
573/27 E



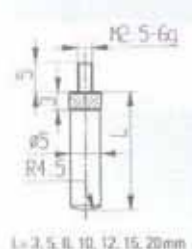
573/28 E

Disponible avec filetage M2.5 pour les touches 573/18 Ø 1-4 mm ou avec filetage M1.6 pour les touches des indicateurs à lever

1/0.005A

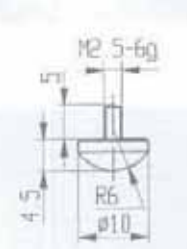


573/29 L

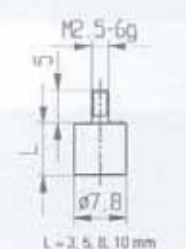


573/30 L

L = 3, 5, 8, 10, 12, 15, 20 mm



573/32

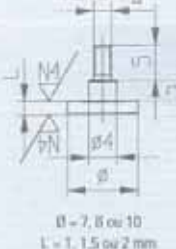


573/35 L

L = 3, 5, 8, 10 mm



573/39 E



573/40-D-L

Ø = 7, 8 ou 10

L = 1, 1.5 ou 2 mm

Rallonges pour touches

Touches en carbure de tungstène (H) ou en céramique (C)

Touches avec bille en rubis (R), en saphir (S) ou en matière plastique, Delrin (KU)

avec filetage M 2,5

Rallonges pour les touches :

Cote A: 4 mm (pour comparateurs avec Ø 4 mm du palpeur)

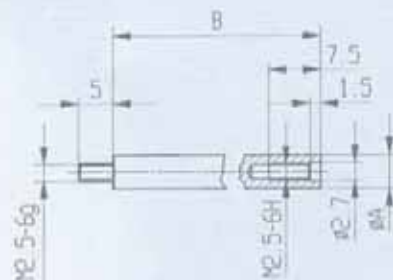
Cote A: 5 mm (pour comparateurs avec Ø 5 mm du palpeur)

Cote B livrable dans les longueurs normalisées suivantes:

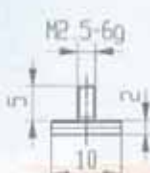
10, 15,90, 95 et 100 mm

Des longueurs spéciales sont livrables sur demande.

Touches en carbure de tungstène (H), touches avec bille en rubis (R), en saphir (S), en céramique (C), en matière plastique, Delrin (KU)



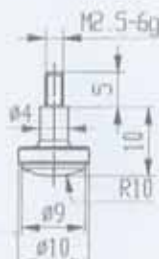
573/10 H



573/11 H/C



573/12 H/C



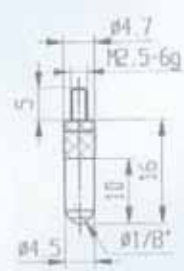
573/12-10 H



573/13 H



573/14 H



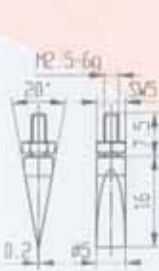
573/16 H/R/S



573/17 H/R/S



573/18 H



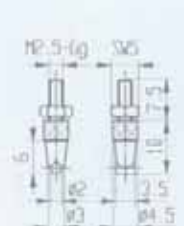
573/20 HE



573/21 H



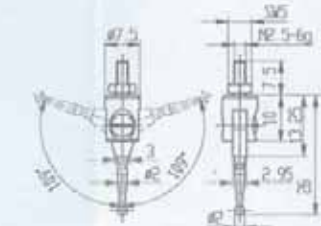
573/23 H



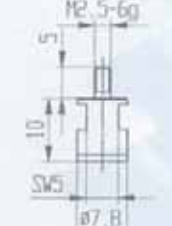
573/24 HE



573/31 H



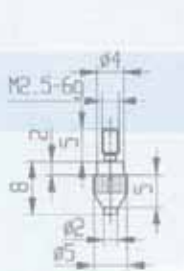
573/33 HE



573/35 H



573/102 H



573/105 H



573/108 H



B = 2, B = 0.4/0.6 mm
B = 4, B = 1 mm

573/110 H



ø = 0.45, 1.0 mm

573/112 H



573/114 H



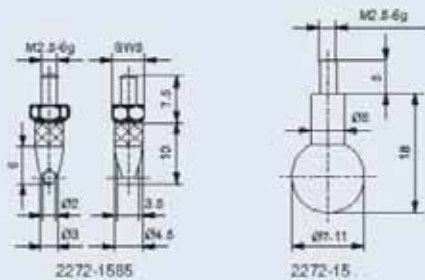
M 2/70 H/R/S/C/KU

**Messeinsätze und Messtaster
Contact points**

M 2.5

Bestell-Nr.
Order no.

Bezeichnung
Description

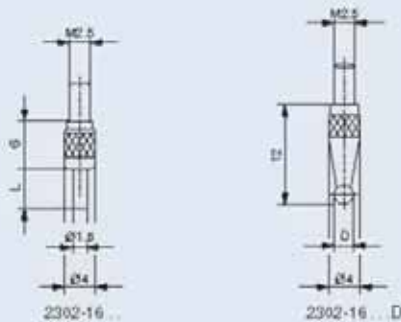


2272-1585

Messeinsatz
Contact point

2272-1510
2272-1520
2272-1530
2272-1540
2272-1550

Messeinsatz / Contact point
D= 7 mm
D= 8 mm
D= 9 mm
D= 10 mm
D= 11 mm

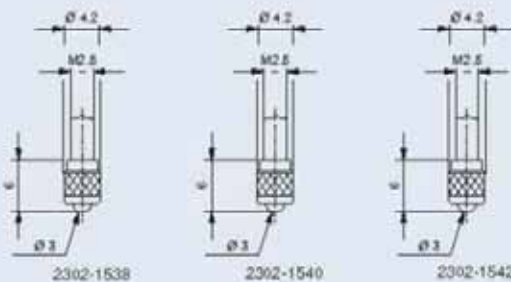


2302-1686
2302-1688
2302-1690
2302-1692

Messeinsatz Hartmetall
Contact point tungsten carbide
L= 5 mm
L= 10 mm
L= 15 mm
L= 20 mm

2302-1672
2302-1674
2302-1676
2302-1678
2302-1680
2302-1682
2302-1684

Messeinsatz Hartmetall
Contact point tungsten carbide
D= 1 mm
D= 2 mm
D= 3 mm
D= 4 mm
D= 5 mm
D= 6 mm
D= 6.35 mm



2302-1538

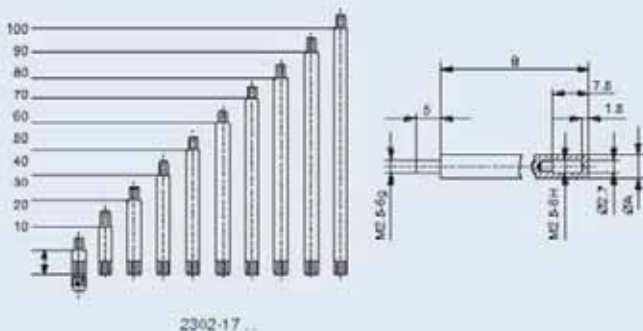
Messeinsatz gehärteter Stahl
Contact point hardened steel

2302-1540

Messeinsatz Hartmetall
Contact point tungsten carbide

2302-1542

Messeinsatz Rubin
Contact point Ruby



2302-1714
2302-1716
2302-1718
2302-1720
2302-1722
2302-1724
2302-1726
2302-1728
2302-1730
2302-1732

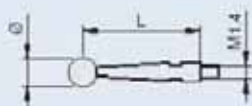
Verlängerung / Extension
L= 10 mm
L= 20 mm
L= 30 mm
L= 40 mm
L= 50 mm
L= 60 mm
L= 70 mm
L= 80 mm
L= 90 mm
L= 100 mm

Zubehör für Fühlhebelmessgeräte
Accessories for Test Indicators

SERIE 234
GIROD-TAST

Bestell-Nr.
Order no.

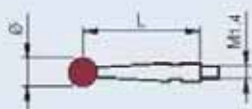
Bezeichnung
Description



Messtaster mit Hartmetallkugel
Anschlussgewinde M1.4
Contact point with tungsten
carbide thread M1.4.



- 2302-3321 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 1 mm
- 2302-3322 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 2 mm
- 2302-3323 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 3 mm
- 2302-3331 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 1 mm
- 2302-3332 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 2 mm
- 2302-3333 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 3 mm

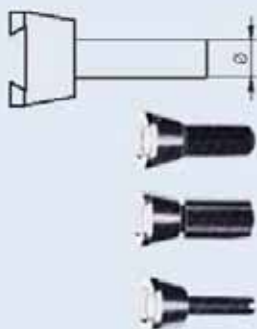


Messtaster mit Rubinkugel
Anschlussgewinde M1.4
Contact point with ruby ball,
thread M1.4



- 2302-3351 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 1 mm
- 2302-3352 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 2 mm
- 2302-3353 Messtaster, Measuring probes
L = 12 mm, Kugel/Ball Ø 3 mm
- 2302-3348 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 1 mm
- 2302-3349 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 2 mm
- 2302-3350 Messtaster, Measuring probes
L = 36 mm, Kugel/Ball Ø 3 mm

**Anschlussgewinde M1.6 und
Länge 20 mm auf Anfrage.
Thread M1.6 and length
20 mm on request.**

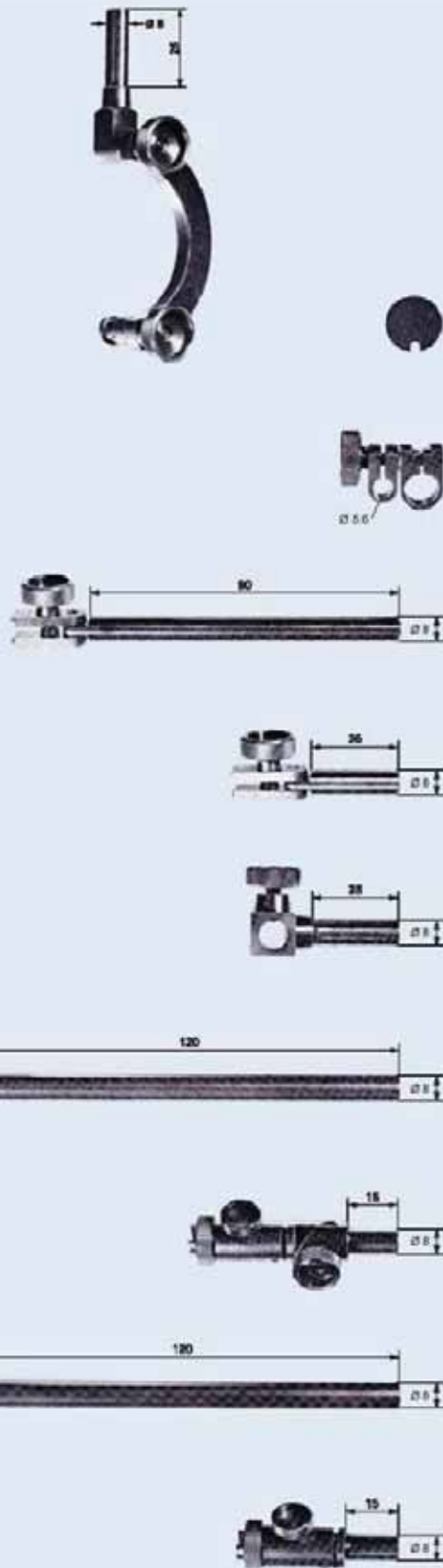


Einspannschaft
Clamping stem

- 2302-1214 Ø 6 mm
- 2302-1216 Ø 8 mm
- 2302-1218 Ø 4 mm

Zubehör Sylvac Serie 234 und Girod
Accessories Sylvac Serie 234 and Girod

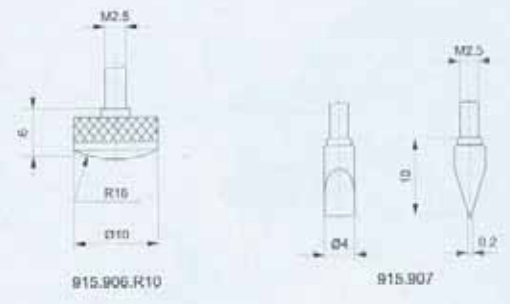
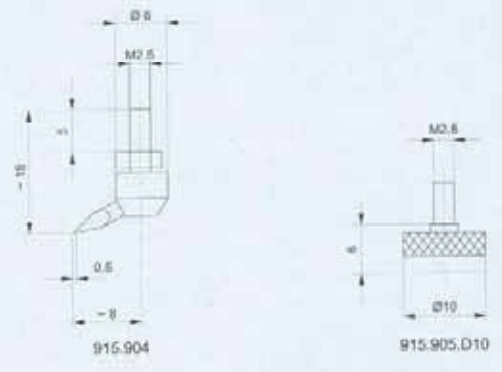
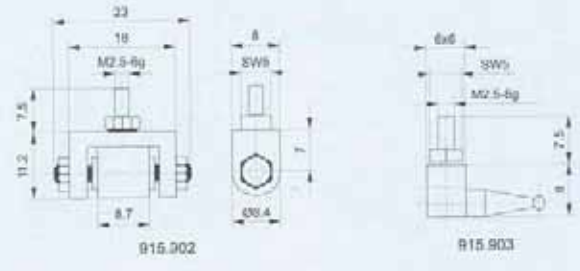
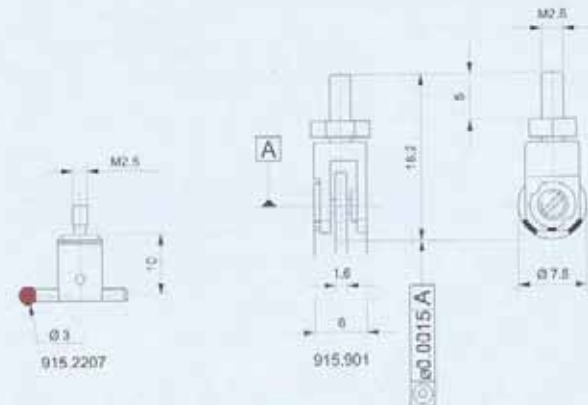
SERIE 234
GIROD-TAST



Bestell-Nr. Order no.	Bezeichnung Description
2302-1202	Zentrierhalter Centering support
2302-1208	Schlüssel Contact point spanner
2302-1224	Klemmhalter 9.6 x 5.6 Clamping device 9.6 x 5.6
2302-1230	Schwenkbarer Halter Swivel shank
2302-1232	Schwenkbarer Halter Swivel shank
2302-1234	Winkelhalter Right angle shank
2302-1236	Gelenkhalter mit Feineinstellung Swivel shank with fine adjustment
2302-1238	Gelenkhalter mit Feineinstellung Swivel shank with fine adjustment
2302-1240	Halter mit Feineinstellung Shank with fine adjustment
2302-1242	Halter mit Feineinstellung Shank with fine adjustment

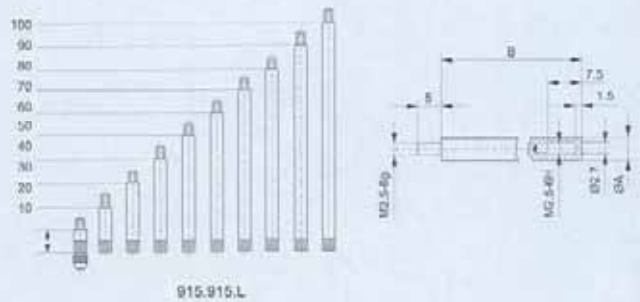
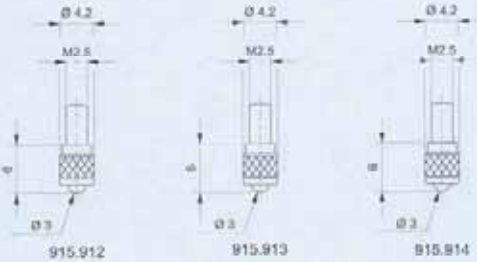
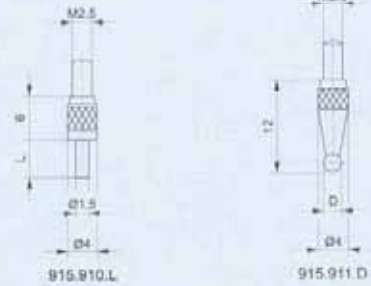
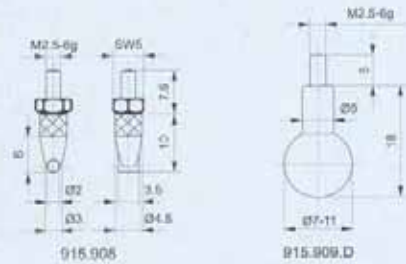
Touches de mesure
Messeinsätze und Messtaster
Contact points

N° de commande Bestellnummer Order Nr	Désignation Bezeichnung Description
915.2207	Touche de mesure Messeinsatz Contact point
915.901	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel
915.902	Touche de mesure Messeinsatz Contact point
915.903	Touche de mesure Messeinsatz Contact point
905.904	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel
915.905.D10	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel
915.906.R10	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel
915.907	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel



Touches de mesure
Messeinsätze und Messtaster
Contact points

N° de commande Bestellnummer Order Nr	Désignation Bezeichnung Description
915.908	Touche de mesure Messeinsatz Contact point
915.909.D	Touche de mesure Messeinsatz Contact point D= 7 / 8 / 9 / 10 / 11 mm
915.910.L	Touche de mesure métal dur Messeinsatz Hartmetall Contact point tungsten carbide L= 5 / 10 / 15 / 20 mm
915.911.D	Touche de mesure métal dur Messeinsatz Hartmetall Contact point tungsten carbide D= 1 / 2 / 3 / 4 / 5 / 6 / 8,35 mm
915.912	Touche de mesure acier trempé Messeinsatz gehärteter Stahl Contact point hardened steel
915.913	Touche de mesure métal dur Messeinsatz Hartmetall Contact point tungsten carbide
915.914	Touche de mesure Rubis Messeinsatz Rubin Contact point Ruby
915.915.L	Rallonge Verlängerung Extension L= 10 / 20 / 130 / 40 / 50 / 60 / 70 / 80 / 90 / 100 mm



Accessoires pour Indicateurs à Levier
Zubehör für Fühlhebelmessgeräte
Accessories for Test Indicators

N° de commande Bestellnummer Order Nr	Désignation Bezeichnung Description
	Palpeur avec bille Métal dur filetage M1.4 Messtaster mit Hartmetallkugel Anschlussgewinde M1.4 Contact point with tungsten carbide thread M1.4
GT4-3321	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 1 mm
GT4-3322	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 2 mm
GT4-3323	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 3 mm
GT4-3331	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 1 mm
GT4-3332	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 2 mm
GT4-3333	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 3 mm



Palpeur avec bille rubis, filetage M1.4
 Messtaster mit Rubinkugel Anschlussgewinde M1.4
 Contact point with ruby ball, thread M1.4

GT4-3351	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 1 mm
GT4-3352	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 2 mm
GT4-3353	Palpeurs de mesure, Messtaster, Measuring probes L = 12 mm, Bille/Kugel/Ball Ø 3 mm
GT4-3348	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 1 mm
GT4-3349	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 2 mm
GT4-3350	Palpeurs de mesure, Messtaster, Measuring probes L = 36 mm, Bille/Kugel/Ball Ø 3 mm



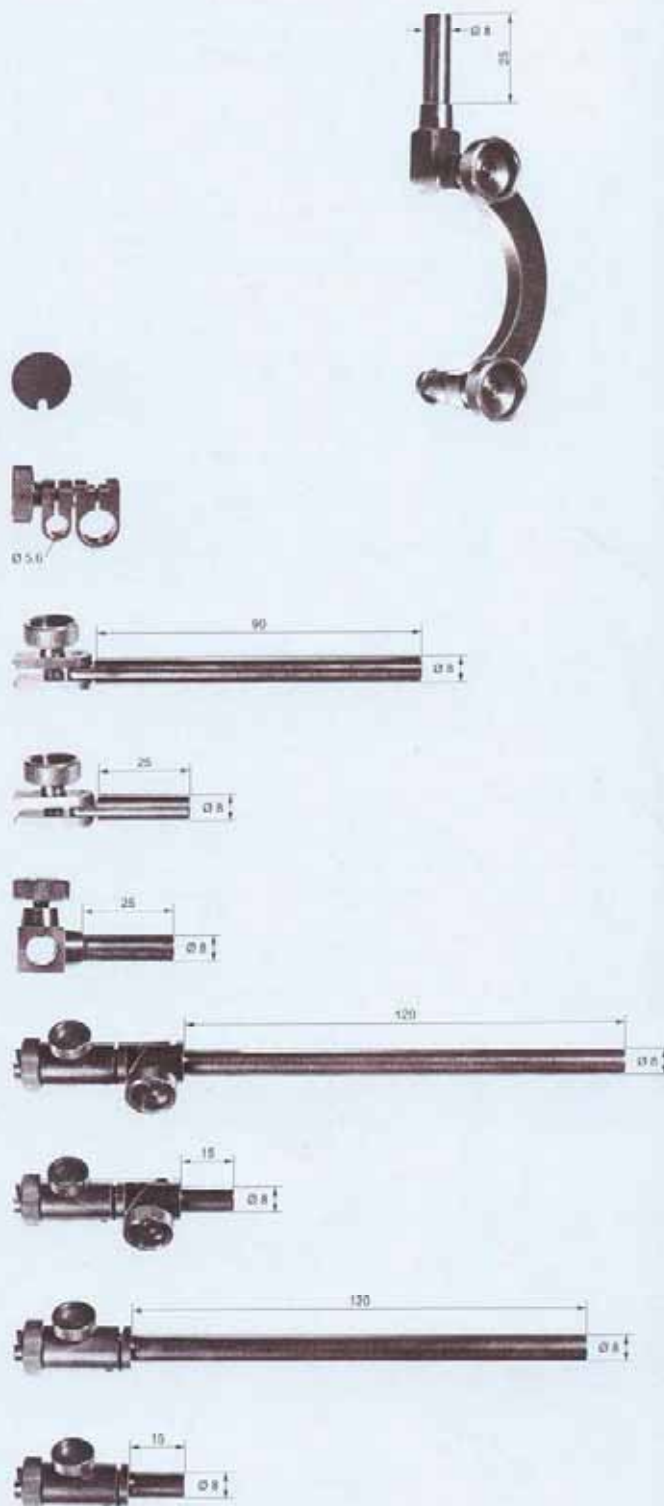
Filetage M1.6 et longueur 20 mm sur demande.
Anschlussgewinde M1.6 und Länge 20 mm auf Anfrage.
Thread M1.6 and length 20 mm on request.

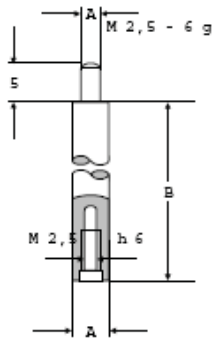
	Tenon de fixation Einspannschaft Clamping stem
G4-3910	Ø 6 mm
G4-3913	Ø 8 mm
G4-3914	Ø 4 mm



**Accessoires Sylvac Serie 234 et Girod
Zubehör Sylvac Serie 234 und Girod
Accessories Sylvac Serie 234 and Girod**

N° de commande Bestellnummer Order Nr	Désignation Bezeichnung Description
G3-3934	Support de centrage Zentrierhalter Centering support
G4-3876	Clé-palpeur Schlüssel Contact point spanner
G4-3917	Bride de fixation 9.6 x 5.6 Klemmhalter 9.6 x 5.6 Clamping device 9.6 x 5.6
G4-3925	Support articulé Schwenkbarer Halter Swivel shank
G4-3926	Support articulé Schwenkbarer Halter Swivel shank
G4-3929	Support équerre Winkelhalter Right angle shank
G4-3943	Support articulé à réglage fin Gelenkhalter mit Feineinstellung Swivel shank with fine adjustment
G4-3944	Support articulé à réglage fin Gelenkhalter mit Feineinstellung Swivel shank with fine adjustment
G4-3947	Support à réglage fin Halter mit Feineinstellung Shank with fine adjustment
G4-3948	Support à réglage fin Halter mit Feineinstellung Shank with fine adjustment

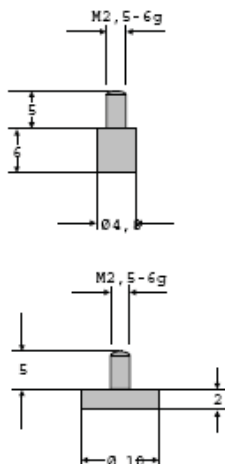


Verlängerungsstück für Messuhren 0710...

Ausführung

- Verpackung: einzeln verpackt

☐ ✕	Länge mm	☐ kg	Best. Nr.
für Messbolzen Ø 4 mm:			
•	10		0710 111
•	15		0710 112
•	20		0710 113
•	25		0710 114
•	30		0710 115
•	35		0710 116
•	40		0710 117
•	45		0710 118
•	50		0710 119
•	55		0710 120
•	60		0710 121
•	65		0710 122
•	70		0710 123
•	75		0710 124
•	80		0710 125
•	85		0710 126
•	90		0710 127
•	95		0710 128
•	100		0710 129
für Messbolzen Ø 5 mm:			
	10		0710 131
	15		0710 132
	20		0710 133
	25		0710 134
	30		0710 135
	35		0710 136
	40		0710 137
	45		0710 138
	50		0710 139
	55		0710 140
	60		0710 141
	65		0710 142
	70		0710 143
	75		0710 144
	80		0710 145
	85		0710 146
	90		0710 147
	95		0710 148
	100		0710 149

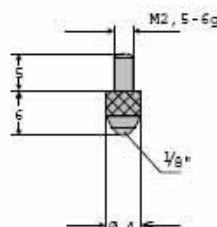
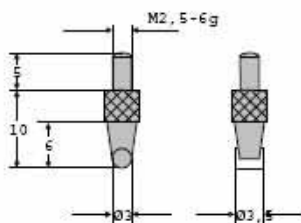
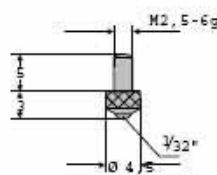
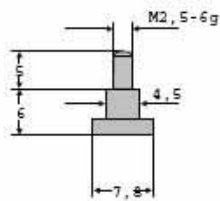
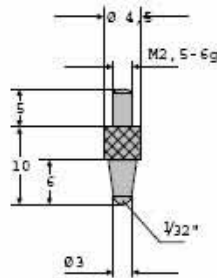
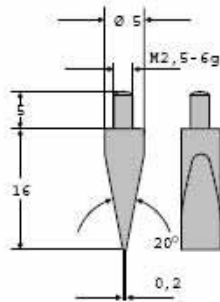
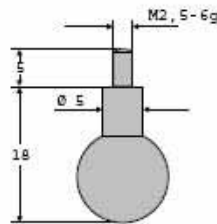
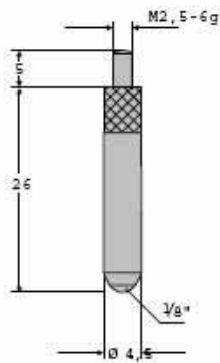
6

Messeinsätze für Messuhren 0710...


☐ ✕		☐ kg	Best. Nr.
•	normal		0710 161
	Hartmetall		0710 261

☐ ✕		☐ kg	Best. Nr.
•	normal		0710 162
	Hartmetall		0710 262

Messeinsätze für Messuhren 0710...



☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 168
	Hartmetall		0710 268
	Rubineinsatz		0710 368
	Saphireinsatz		0710 468

☐ ☒	Kugel Ø mm	⚖ kg	Best. Nr.
	7,0		0710 181
	7,5		0710 182
	8,0		0710 183
	8,5		0710 184
	9,0		0710 185
	9,5		0710 186
	10,0		0710 187
	10,5		0710 188
	11,0		0710 189

☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 192
	Hartmetall		0710 292

☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 193

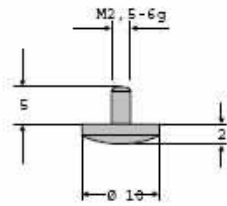
☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 194

☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 195

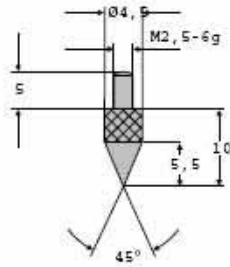
☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 196

☐ ☒		⚖ kg	Best. Nr.
•	normal		0710 197
	Hartmetall		0710 297
	Rubineinsatz		0710 397
	Saphireinsatz		0710 497

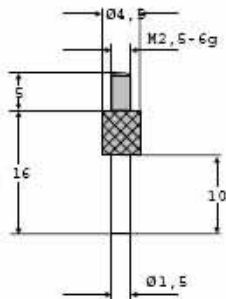
Messeinsätze für Messuhren 0710...



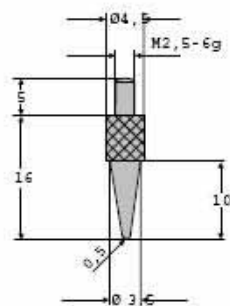
☐ ✕	kg	Best. Nr.
• normal		0710 163
Hartmetall		0710 263



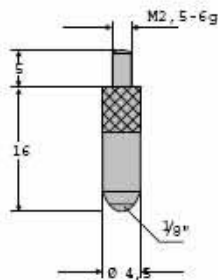
☐ ✕	kg	Best. Nr.
• normal		0710 164
Hartmetall		0710 264



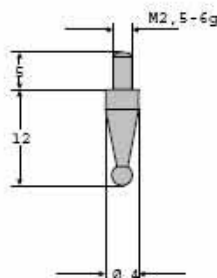
☐ ✕	kg	Best. Nr.
• normal		0710 165
Hartmetall		0710 265



☐ ✕	kg	Best. Nr.
• normal		0710 166



☐ ✕	kg	Best. Nr.
• normal		0710 167
Hartmetall		0710 267
Rubineinsatz		0710 367
Saphireinsatz		0710 467



☐ ✕	Kugel Ø mm	kg	Best. Nr.
	1,0		0710 169
	1,5		0710 170
	2,0		0710 171
	2,5		0710 172
	3,0		0710 173
	3,5		0710 174
	4,0		0710 175
	4,5		0710 176
	5,0		0710 177
	5,5		0710 178
	6,0		0710 179
	6,5		0710 180

Fühlhebelmessgerät 0715...

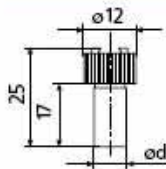


Ausführung

- Messeinsätze mit Hartmetallkugel Ø 2,0 mm
- Form A nach DIN 2270
- drehbare Skala
- 3-fache Schwalbenschwanzführung
- Automatische Umschaltung der Messrichtung
- Verpackung: Etui, inkl. Einspannschaft 8mm und Messeinsatzschlüssel

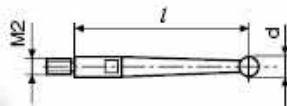
▷◀	Messbereich mm	Ableseung mm	Außenring mm	Anzeige	█ kg	Best. Nr.
Länge der Messeinsätze 14,5mm						
	0,8	0,01	30	0-40-0	0,15	0715 101
	0,8	0,01	40,5	0-40-0	0,15	0715 103
	0,2	0,002	40,5	0-100-0	0,15	0715 303
Länge der Messeinsätze 41,2mm						
	0,5	0,01	30	0-25-0	0,15	0715 201

Einspannschaft für Fühlhebelmessgerät



▷◀	✕	Durchmesser mm	█ kg	Best. Nr.
		4h6		0715 903
		8h6		0715 907

Messeinsatz mit Hartmetallkugel



▷◀	✕	Kugel mm	Länge mm	█ kg	Best. Nr.
		1	14,5		0715 915
		2	14,5		0715 917
		3	14,5		0715 919
		1	41,2		0715 925
		2	41,2		0715 926
		3	41,2		0715 929

Messeinsatz-Schlüssel

▷◀	✕	█ kg	Best. Nr.
			0715 940

Universalklemme



▷◀	✕	Durchmesser mm	█ kg	Best. Nr.
		4 und 8		0715 950

Halter



▷◀	✕	Länge mm	Querschnitt mm	█ kg	Best. Nr.
		100	9 x 9		0715 955

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