



TOUCHES & ACCESSOIRES

pour comparateurs et pupitas



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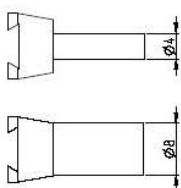
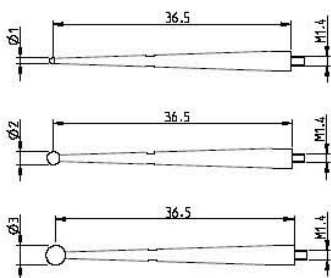
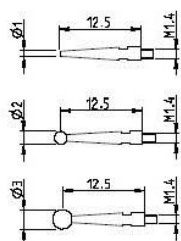
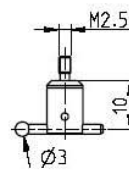
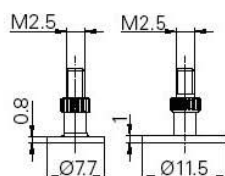
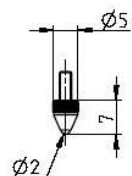
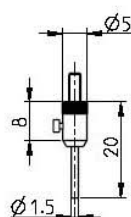
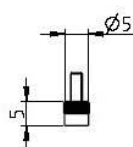
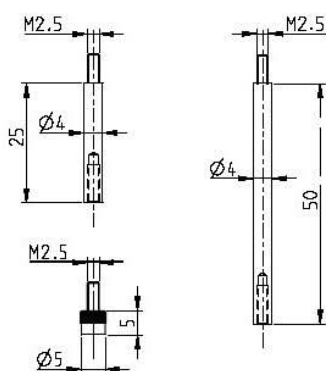
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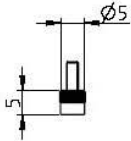
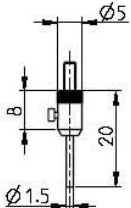
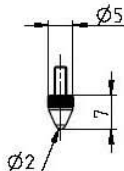
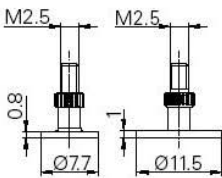
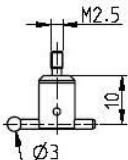
Comparateur

S_Dial

ACCESSOIRES

Touches de mesure M 2.5



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

- 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:

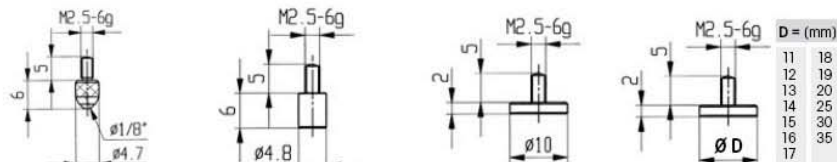
Pour des touches avec plusieurs versions de diamètre et de longueurs, veuillez préciser la dimension nominale demandée. Exemple :

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

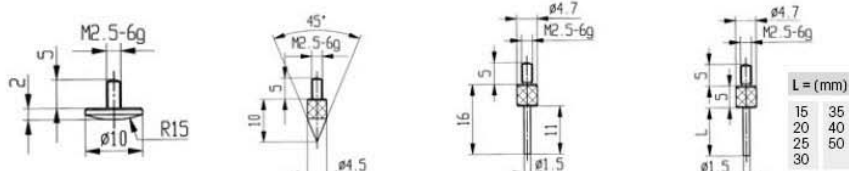
Recomendación para pedidos:

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

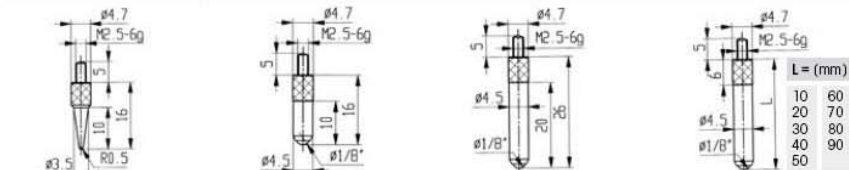
Punta tipo 1330 103-D con Ø19 mm = No. 1330 103-19



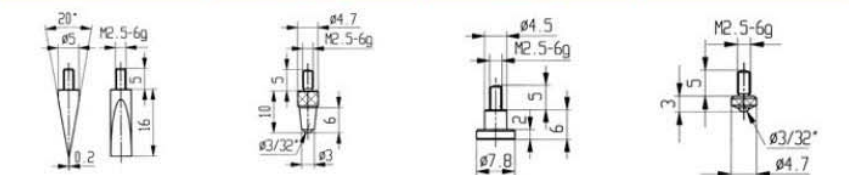
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 101	1330 102	1330 103	1330 103-D
Carbure de tungstène / Carburo de tungsteno	1330 201	1330 202	1330 203	-
Insert en rubis / Puntas de rubi	1330 301	-	-	-
Insert en saphir / Puntas de zafiro	1330 401	-	-	-



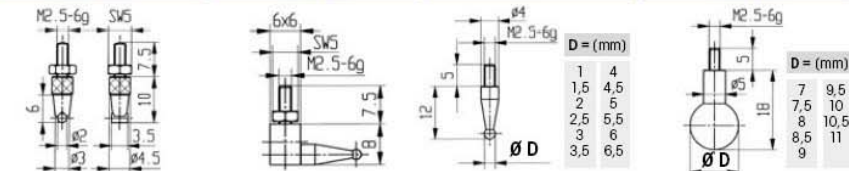
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 104	1330 105	1330 106	1330 106-L
Carbure de tungstène / Carburo de tungsteno	1330 204	1330 205	1330 206	-



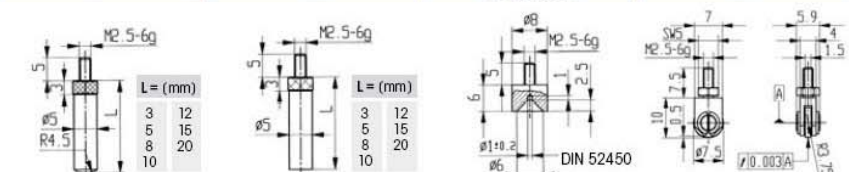
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 107	1330 108	1330 109	1330 109-L
Carbure de tungstène / Carburo de tungsteno	-	1330 208	1330 209	-
Insert en rubis / Puntas de rubi	-	1330 308	1330 309	-
Insert en saphir / Puntas de zafiro	-	1330 408	1330 409	-



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



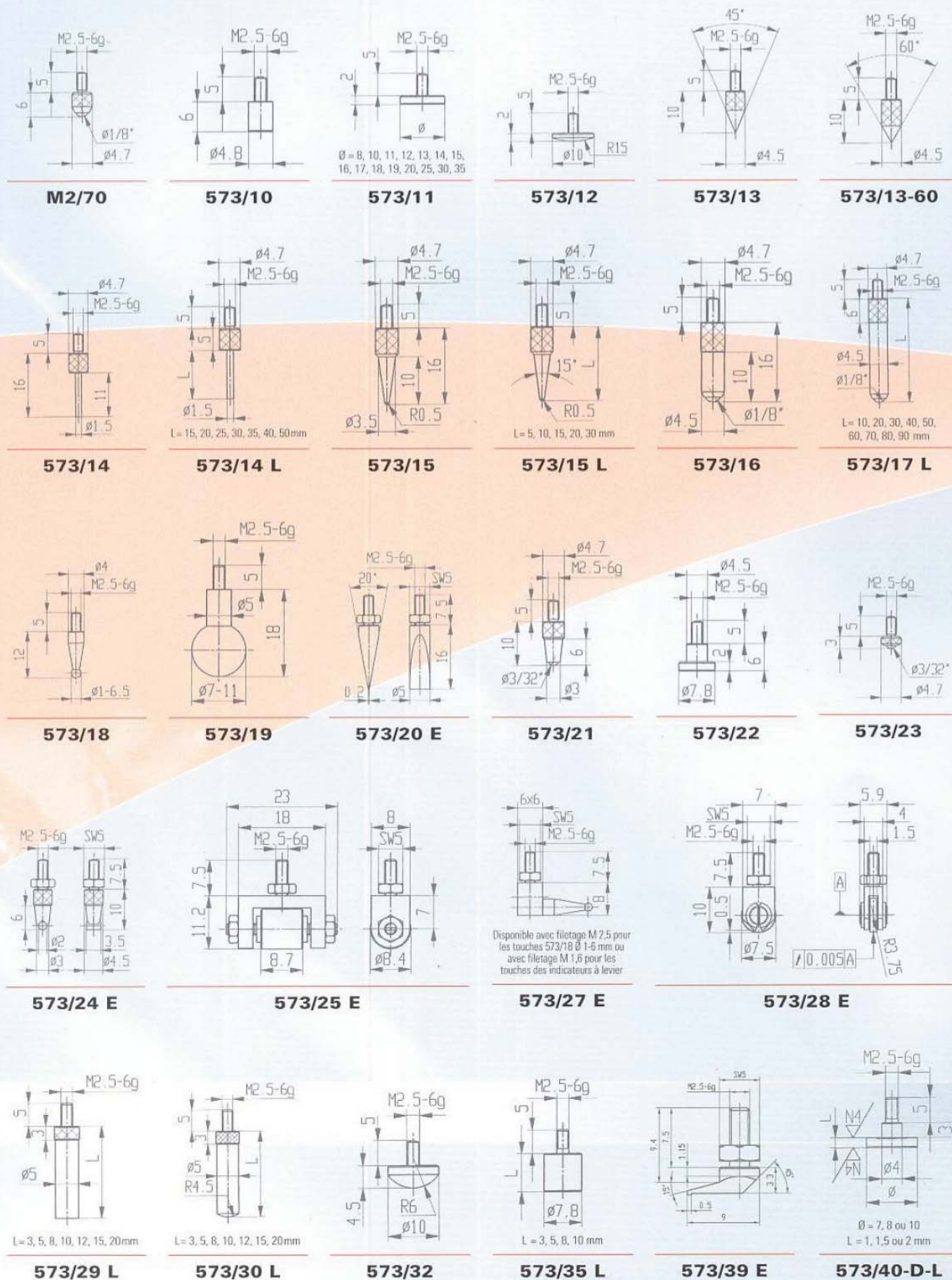
Type de touche / Tipo de punta	Nº	Nº	Nº	Nº
Acier spécial / Acero especial	1330 116	1330 117	1330 110-D	1330 111-D
Carbure de tungstène / Carburo de tungsteno	-	-	1330 210-D	-



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



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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)

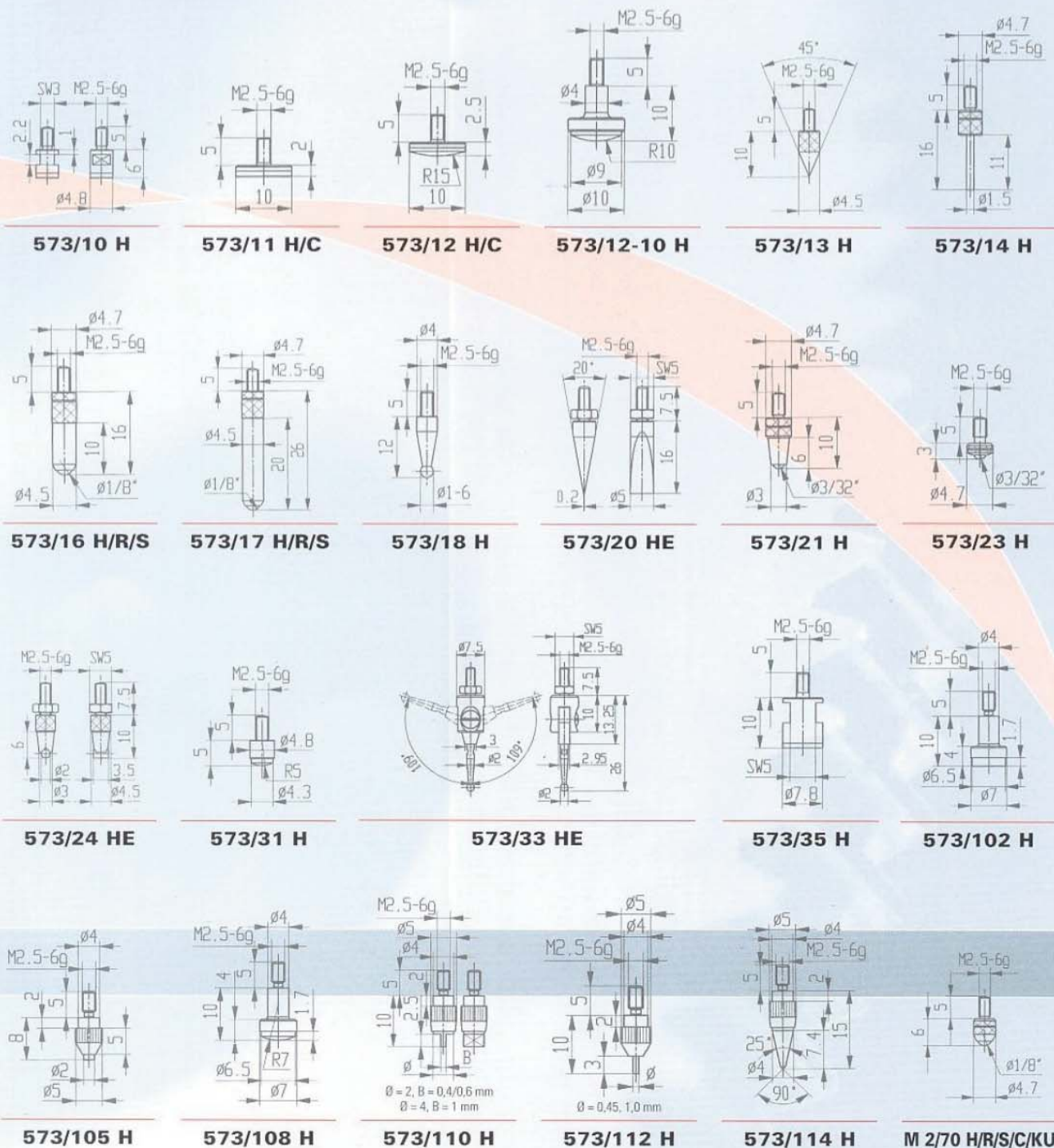
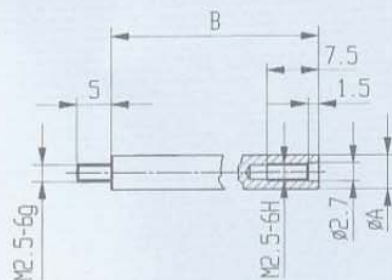
Cote A: 5 mm (pour comparateurs avec Ø 5 mm du palpeur)

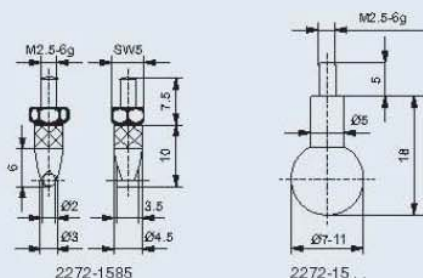
Cote B livrable dans les longueurs normalisées suivantes:

10, 15,90, 95 et 100 mm

Des longueurs spéciales sont livrables sur demande.

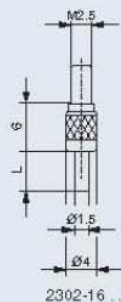
Touches en carbure de tungstène (H), touches avec bille en rubis (R), en saphir (S), en céramique (C), en matière plastique, Delrin (KU)



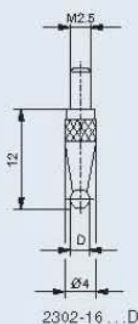


2272-1585

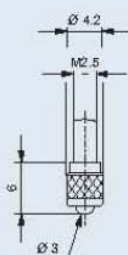
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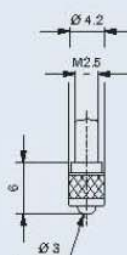
2302-16 ..



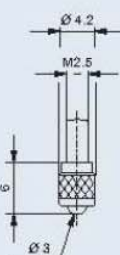
2302-16 ...D



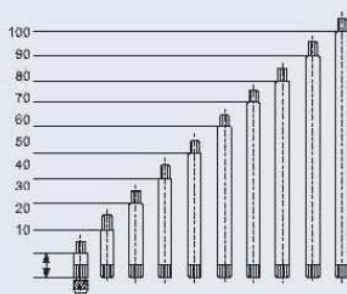
2302-1538



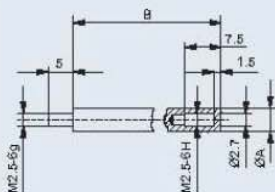
2302-1540



2302-1542



2302-17 ..



Messeinsätze und Messtaster Contact points

M 2.5

Bestell-Nr.
Order no.

Bezeichnung
Description

2272-1585

Messeinsatz
Contact point

2272-1510

Messeinsatz / Contact point

2272-1520

D= 7 mm

2272-1530

D= 8 mm

2272-1540

D= 9 mm

2272-1550

D= 10 mm

D= 11 mm

Messeinsatz Hartmetall

Contact point tungsten carbide

2302-1686

L= 5 mm

2302-1688

L= 10 mm

2302-1690

L= 15 mm

2302-1692

L= 20 mm

Messeinsatz Hartmetall

Contact point tungsten carbide

2302-1672

D= 1 mm

2302-1674

D= 2 mm

2302-1676

D= 3 mm

2302-1678

D= 4 mm

2302-1680

D= 5 mm

2302-1682

D= 6 mm

2302-1684

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

Verlängerung / Extension

2302-1714

L= 10 mm

2302-1716

L= 20 mm

2302-1718

L= 30 mm

2302-1720

L= 40 mm

2302-1722

L= 50 mm

2302-1724

L= 60 mm

2302-1726

L= 70 mm

2302-1728

L= 80 mm

2302-1730

L= 90 mm

2302-1732

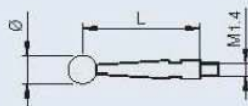
L= 100 mm

Zubehör für Fühlhebelmessgeräte Accessories for Test Indicators

SERIE 234 GIROD-TAST

Bestell-Nr.
Order no.

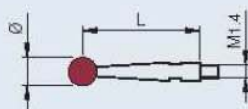
Bezeichnung
Description



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 |

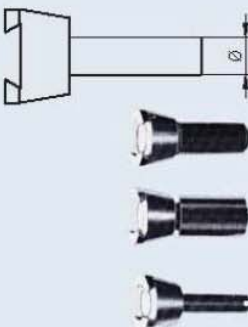


Messtaster mit Rubinkugel
Anschlussgewinde M1.4
Contact point with ruby ball,
thread M1.4



- | | |
|-----------|--|
| 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.**

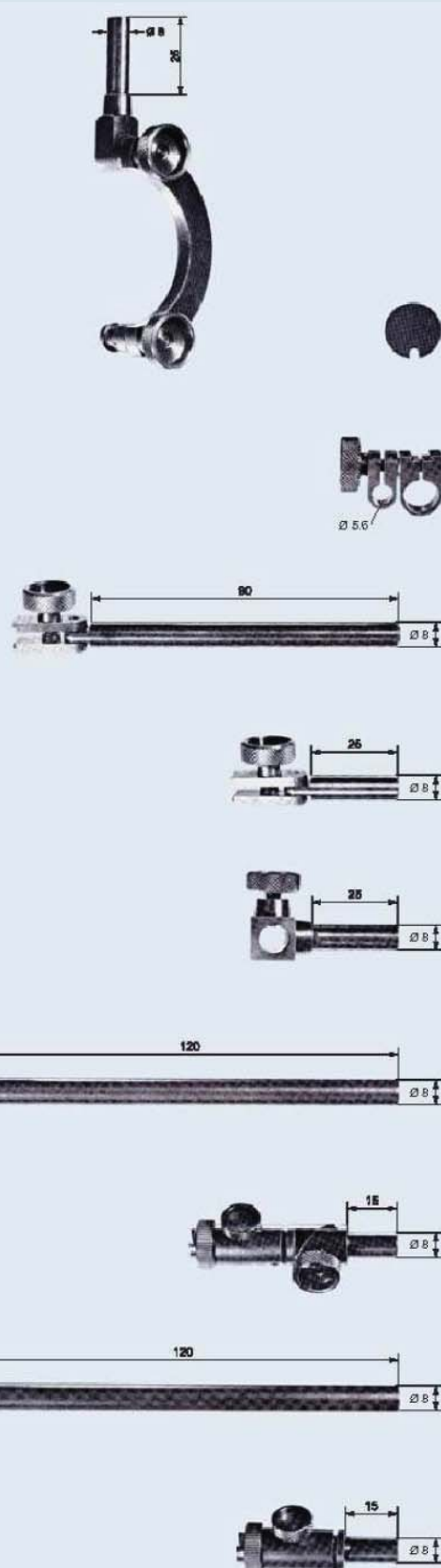


Einspannschaft
Clamping stem

- | | |
|-----------|--------|
| 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

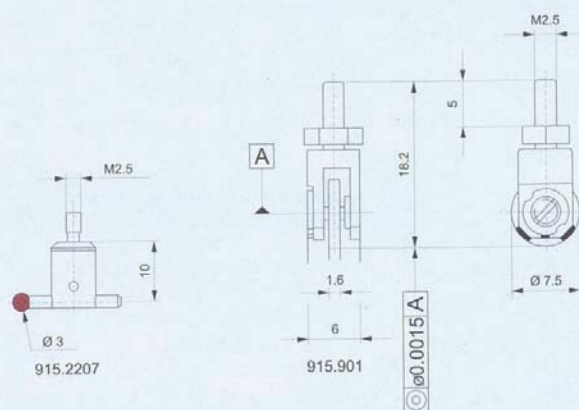
Touches de mesure
Messeinsätze und Messtaster
Contact points

N° de commande
 Bestellnummer
 Order Nr

Désignation
 Bezeichnung
 Description

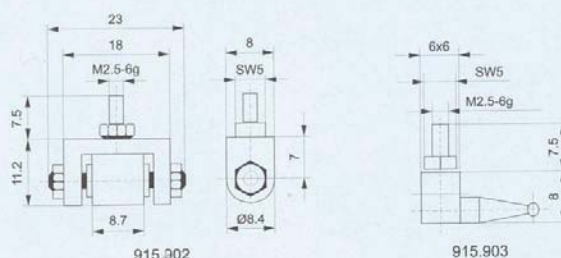
915.2207 Touche de mesure
 Messeinsatz
 Contact point

915.901 Touche de mesure acier trempé
 Messeinsatz gehärteter Stahl
 Contact point hardened steel



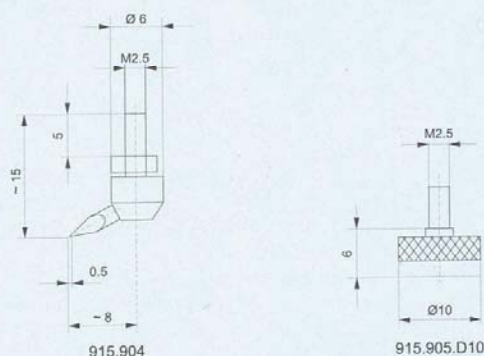
915.902 Touche de mesure
 Messeinsatz
 Contact point

915.903 Touche de mesure
 Messeinsatz
 Contact point



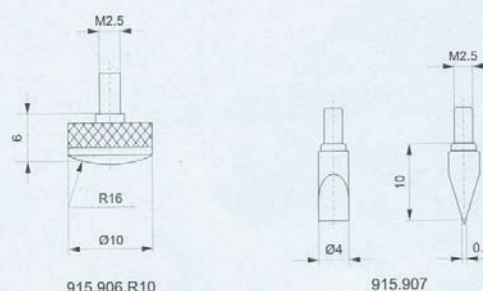
905.904 Touche de mesure acier trempé
 Messeinsatz gehärteter Stahl
 Contact point hardened steel

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 / 6,35 mm

915.912

Touche de mesure acier trempé
 Messeinsatz gehärteter Stahl
 Contact point hardened steel

915.913

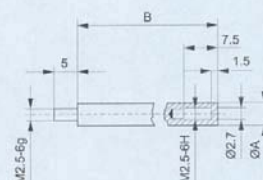
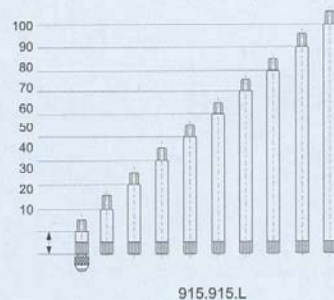
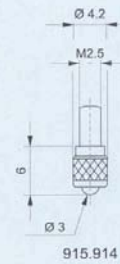
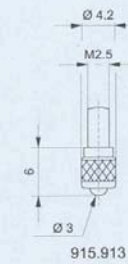
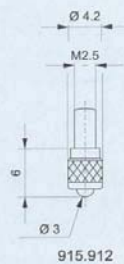
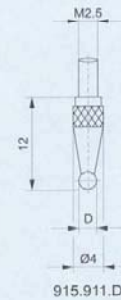
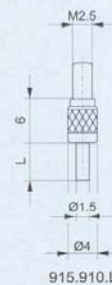
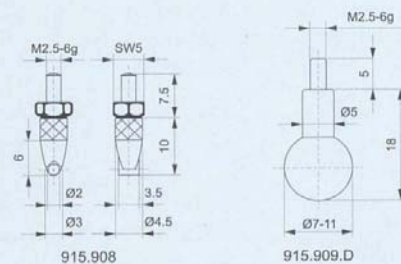
Touche de mesure métal dur
 Messeinsatz Hartmetall
 Contact point tungsten carbide

915.914

Touche de mesure Rubis
 Messeinsatz Rubin
 Contact point Ruby

915.915.L

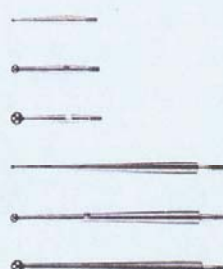
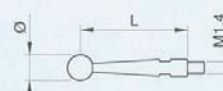
Rallonge
 Verlängerung
 Extension
 L= 10 / 20 / 130 / 40 / 50 /
 60 / 70 / 80 / 90 / 100 mm



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

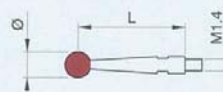
N° de commande Bestellnummer Order Nr	Désignation Bezeichnung Description
	Palpeur avec bille Métal dur filetage M1.4 Messtaster mit Hartmetallkugel Anschlussgewinde M1.4 Contact point with tungsten carbide thread M1.4

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



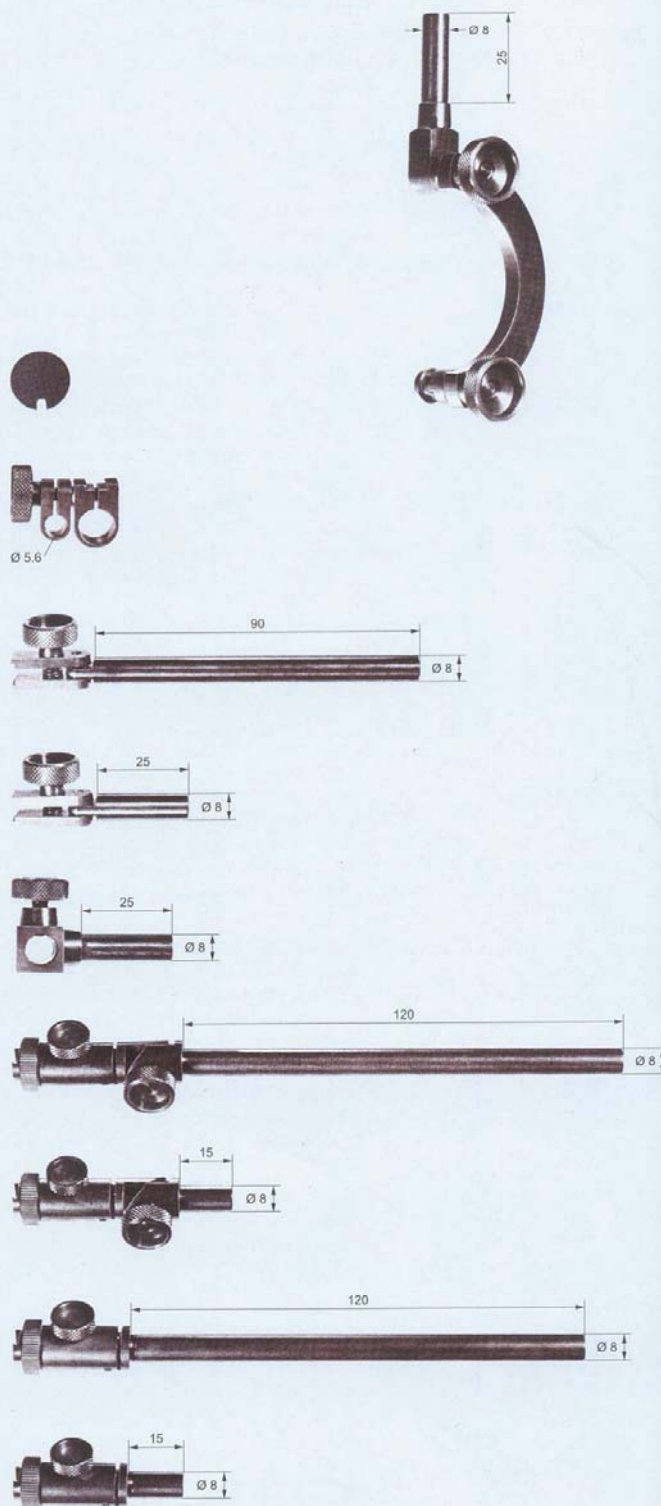
Filetage M1.6 et longueur 20 mm sur demande.
Anschlussgewinde M1.6 und Länge 20 mm auf Anfrage.
Thread M1.6 and length 20 mm on request.

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

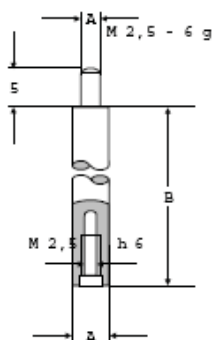


**Accessoires Sylvac Serie 234 et Girod
Zubehör Sylvac Serie 234 und Girod
Accessories Sylvac Serie 234 and Girod**

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...

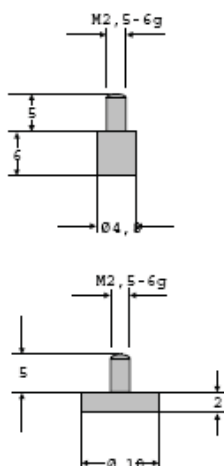


Ausführung

- 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

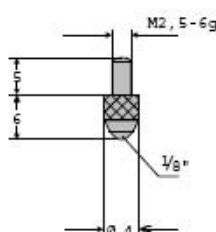
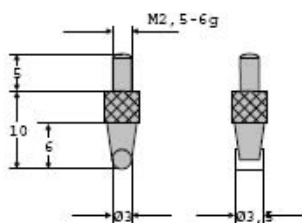
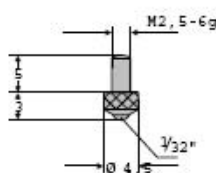
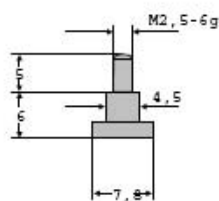
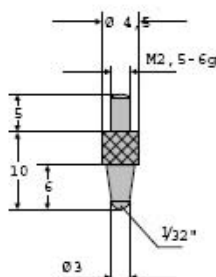
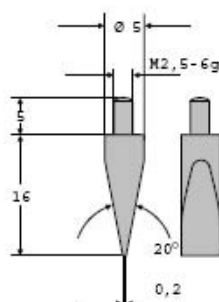
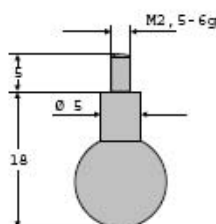
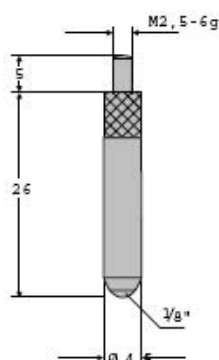
Messeinsätze für Messuhren 0710...



☐ ▷◁		⚖ kg	Best. Nr.
•	normal		0710 161
	Hartmetall		0710 261

☐ ▷◁		⚖ kg	Best. Nr.
•	normal		0710 162
	Hartmetall		0710 262

Messeinsätze für Messuhren 0710...



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

	Kugel Ø mm	Best. Nr.
	kg	
• 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

		Best. Nr.
	kg	
• normal		0710 192
Hartmetall		0710 292

		Best. Nr.
	kg	
• normal		0710 193

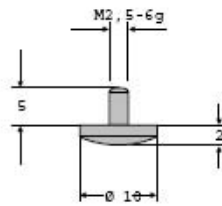
		Best. Nr.
	kg	
• normal		0710 194

		Best. Nr.
	kg	
• normal		0710 195

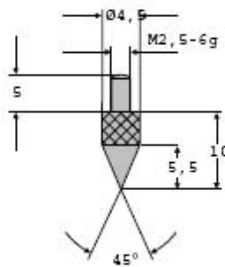
		Best. Nr.
	kg	
• normal		0710 196

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

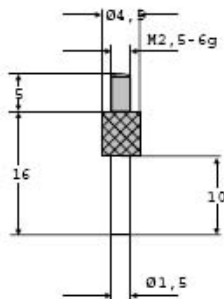
Messeinsätze für Messuhren 0710...



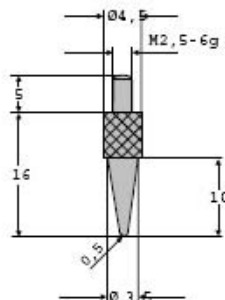
		Best. Nr.
•	normal	0710 163
	Hartmetall	0710 263



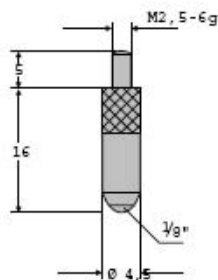
		Best. Nr.
•	normal	0710 164
	Hartmetall	0710 264



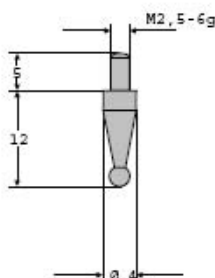
		Best. Nr.
•	normal	0710 165
	Hartmetall	0710 265



		Best. Nr.
•	normal	0710 166



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



	Kugel Ø mm	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

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tél: 06.76.08.96.83 - mail: jlouismenegon@aol.com - site web: www.menegon-metrologie.com

Fühlhebelmessgerät 0715...

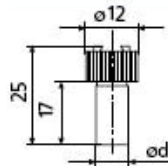


Ausführung

- 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

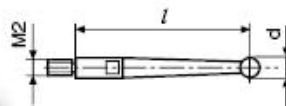
□ ▷◁	Messbereich mm	Ablesung mm	Außenring mm	Anzeige	⚖ kg	Best. Nr.
Länge der Messeinsätze 14,5mm						
	0,8	0,01	30	0-40-0	0,15	0715 101
	0,8	0,01	40,5	0-40-0	0,15	0715 103
	0,2	0,002	40,5	0-100-0	0,15	0715 303
Länge der Messeinsätze 41,2mm						
	0,5	0,01	30	0-25-0	0,15	0715 201

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

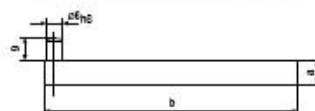
□ ▷◁	⚖ kg	Best. Nr.
		0715 940

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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