Test samples

Used for metal detectors and metal separators

All available test samples with sizes and article numbers in the table on page 5

Test MiniDisk

Ø 10 mm * 4 mm made of POM

Material	Ball Ø [mm]	Used for
Chrome steel (ferrous) AISI 52100	0.20 ≤ Ø < 1.50	PROTECTOR All devices (for a test specimen size smaller than Ø 0.8 mm)
Stainless steel AISI304	0.20 ≤ Ø ≤ 1.20	
Non-Fe (brass/ aluminium)	0.25 ≤ Ø ≤ 1.50	
Stainless steel AISI316	Ø = 0.50	



Test MiniStick

10 x 10 x 20 mm made of POM

Material	Ball Ø [mm]	Used for
Chrome steel (ferrous) AISI 52100	0.80 ≤ Ø < 5.00	Detection coils Belt conveyor systems
Stainless steel AISI304	0.80 ≤ Ø ≤ 5.50	
Non-Fe (brass)	0.80 ≤ Ø ≤ 5.00	
Non-Fe (aluminium)	0.59; 3.00 ≤ Ø ≤ 4.00	
Stainless steel AISI316	1.00 ≤ Ø ≤ 5.00	



Test Cube

20 x 20 x 20 mm made of POM

Material	Ball Ø [mm]	Used for
Chrome steel (ferrous) AISI 52100	5.50 ≤ Ø < 14.00	Detection coils Belt conveyor sys-tems
Stainless steel AISI304	5.50 ≤ Ø ≤ 14.00	
Non-Fe (brass)	5.50 ≤ Ø < 10.00	
Stainless steel AISI316	Ø = 7.00	



Test Ball

Ø 25 mm made of POM

Material	Ball Ø [mm]	Used for
Chrome steel (ferrous) AISI 52100	0.80 ≤ Ø < 5.00	Test in product RAPID LIQUISCAN Round coils
Stainless steel AISI304	0.80 ≤ Ø ≤ 5.00	
Non-Fe (brass)	0.80 ≤ Ø ≤ 5.00	
Stainless steel AISI316	1.00 ≤ Ø ≤ 5.00	



Test Mini Ball

Ø 15 mm made of POM

Material	Ball Ø [mm]	Used for
Chrome steel (ferrous) AISI 52100	0.80 ≤ Ø ≤ 3.00	Test in product RAPID LIQUISCAN Round coils
Stainless steel AISI304	1.20 ≤ Ø ≤ 3.50	
Non-Fe (brass)	1.00 ≤ Ø ≤ 3.00	
Non-Fe (aluminium)	Ø = 0.59	
Stainless steel AISI316	1.50 ≤ Ø ≤ 3.00	



Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Test Fly Ball

25 mm

Material	Ball Ø [mm]	Used for	
Chrome steel (ferrous) AISI 52100	0.40 ≤ ∅ ≤ 1.50	GF 4000	
Stainless steel AISI304	0.70 ≤ ∅ ≤ 2.50		
Non-Fe (brass)	0.40 ≤ ∅ ≤ 1.80		

Test FlexStick blue

250 mm

Material	Ball Ø [mm]	Used for	
Chrome steel (ferrous) AISI 52100	0.50 ≤ ∅ ≤ 3.00	Detection coils RAPID LIQUISCAN PROTECTOR	
Stainless steel AISI304	0.80 ≤ ∅ ≤ 3.00		
Non-Fe (brass)	0.80 ≤ ∅ ≤ 2.50		
Non-Fe (aluminium)	Ø = 0.59		
Stainless steel AISI316	1.50 ≤ ∅ ≤ 3.00		

Test Stick

10 x 10 x 100 mm made of POM

Material	Ball Ø [mm]	Used for	
Chrome steel (ferrous) AISI 52100	0.80 ≤ Ø < 5.00	Detection coils Belt conveyor sys-tems	
Stainless steel AISI304	0.80 ≤ Ø ≤ 5.00		
Non-Fe (brass)	0.80 ≤ Ø ≤ 5.00		
Non-Fe (aluminium)	3.00 ≤ Ø ≤ 4.00		
Stainless steel AISI316	1.00 ≤ Ø ≤ 5.00		

Test Card

86 x 55 x 1 mm made of plastic film

Material	Ball Ø [mm]	Used for	
Chrome steel (ferrous) AISI 52100	0.80 ≤ Ø < 6.00	Detection coils Belt conveyor sys-tems	
Stainless steel AISI304	0.80 ≤ Ø ≤ 6.00		
Non-Fe (brass)	1.00 ≤ Ø ≤ 6.00		
Non-Fe (aluminium)	3.00 ≤ Ø ≤ 4.00		
Stainless steel AISI316	1.00 ≤ Ø ≤ 5.00		

Test Strips

300 x 32 mm

Material	Ball Ø [mm]	Used for	
Chrome steel (ferrous) AISI 52100	0.20 ≤ Ø < 6.00	GF Detection coils Belt conveyor sys-tems	
Stainless steel AISI304	0.50 ≤ Ø ≤ 6.00		
Non-Fe (brass)	0.80 ≤ Ø ≤ 6.00		
Stainless steel AISI316	1.00 ≤ Ø ≤ 5.00		

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Plastic box

180 x 115 x 43 mm made of PA

Article no. 77010636
Without content



Set 1

247 x 216 x 50 mm made of transparent PA

44 Test MiniSticks and 18 Test MiniDisks in a box

The size of the test sample is fixed.

All certificates are available in paper form for a processing fee of € 30.00



Set 2

180 x 115 x 43 mm made of transparent PA

29 Stück Test-MiniSticks und 3 Test-Cubes in a box

The size of the test sample is fixed.

All certificates are available in paper form for a processing fee of € 30.00.



Set 3

180 x 115 x 43 mm made of transparent PA

9 Test Balls in a box

The size of the test sample is fixed.

All certificates are available in paper form for a processing fee of € 30.00.



Set 4

180 x 115 x 43 mm made of transparent PA

15 Mini-Test Balls in a box

The size of the test sample is fixed.

All certificates are available in paper form for a processing fee of € 30.00.



Declaration of conformity (ISO/IEC 17050-1)

- **Factory certificate 2.1 for the test sample according to EN 10204**
- **Food certificate for the test sample sheath ***
  - **FDA conformity declaration for the sheath of the test sample**
  - **(EC) No. 1935/2004**
  - **Conformity declaration under food laws according to REGULATION (EU) No. 10/2011 (on request)**

The Sesotec certificates of the individual test specimens are available for download in digital form on the Mobergs Website and are included in the price.

The Sesotec certificates of the test sets 1-4 are available for download in digital form on the Mobergs Website and are included in the price. If the certificates are required in paper form, a processing fee of SEK500 will be charged.

*** except test cards and plastic boxes**

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material non-ferrous (Non-Fe)

Ø mm	Material	Test Mini Disk	Test Mini Stick	Test Stick	Test Mini Ball	Test Ball	Test Cube	Test Flex Stick	Test Card	Test Fly-Ball
0.25	brass	77169070								
0.3	brass	77169072								
0.4	brass	77169073								77178347
0.5	brass	77169074								77178267
0.6	brass	77169075								77178264
0.7	brass	77169076								77178268
0.8	brass	77169077	77169081	77169104		77169132		77181947		77178265
1.0	brass	77169078	77169082	77169105	77169125	77169133		77169152	12000095	77178260
1.2	brass	77169079	77169083	77169107	77169127	77169134		77169153	12000096	77178261
1.5	brass	77169080	77169084	77169108	77169128	77169176		77169154	12000097	77178262
1.8	brass		77169085	77169109	77169129	77169135		77169155	77169177	77178263
2.0	brass		77169086	77169110	77169130	77169136		77169156	12000098	
2.5	brass		77169087	77169111	77169131	77169137		77169157	12000099	
3.0	brass		77169088	77169112	77187095	77169138			12000100	
3.5	brass		77169089	77169113		77169139			12000101	
4.0	brass		77169090	77169114		77169140			12000102	
4.5	brass		77169091	77169115		77169141			12000103	
5.0	brass		77169092	77169116		77169142			12000104	
5.5	brass						77169143		77169172	
6.0	brass						77169144		12000106	
7.0	brass						77169145			
8.0	brass						77169146			
9.0	brass						77169147			
10.0	brass						77169149			
0.59	aluminium		77181948		77169186			77169189		
3.0	aluminium		77169180	77169183					12000465	
3.5	aluminium		77169181	77169184					12000466	
4.0	aluminium		77169182	77169185					12000467	

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material ferrous

Ø mm	Material	Test Mini Disk	Test Mini Stick	Test Stick	Test Mini Ball	Test Ball	Test Cube	Test Flex Stick	Test Card	Test Fly-Ball
0.2	ferrous	77169195								
0.3	ferrous	77169196								
0.397	ferrous	77169197								77178344
0.5	ferrous	77169198						77181949		77178270
0.6	ferrous	77169199						77169300		77178269
0.7	ferrous	77169200						77169301		77178266
0.8	ferrous	77169201	77169215	77169234	77169253	77169276		77169302	77169319	77178254
0.9	ferrous	77169203	77169216	77169235	77169254	77169275		77169303	77169320	77178257
1.0	ferrous	77169204	77169217	77169236	77169255	77169277		77169304	12000081	77178250
1.2	ferrous	77169206	77169220	77169238	77169257	77169280		77169297	12000520	77178252
1.3	ferrous	77169207	77169221	77169239	77169258	77169281		77169295	77169316	
1.5	ferrous	77169208	77169222	77169240	77169259	77169282		77169298	12000083	77178253
1.8	ferrous		77169223	77169241	77169260	77169278		77169296	77169318	
2.0	ferrous		77169224	77169242	77169261	77169270		77169299	12000278	
2.5	ferrous		77169225	77169243	77169262	77169268		77169293	12000087	
3.0	ferrous		77169226	77169244	77169263	77169271		77169294	12000088	
3.5	ferrous		77169227	77169245		77169269			12000089	
4.0	ferrous		77169228	77169246		77169272			12000090	
4.5	ferrous		77169229	77169247		77169273			12000091	
5.0	ferrous		77169230	77169248		77169274			12000092	
5.5	ferrous						77169290		12000093	
6.0	ferrous						77169284		12000094	
7.0	ferrous						77169285			
8.0	ferrous						77169286			
9.0	ferrous						77169287			
10.0	ferrous						77169288			
12.0	ferrous						77169289			
14.0	ferrous						77169283			

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material stainless steel AISI 304

Ø mm	Material	Test Mini Disk	Test Mini Stick	Test Stick	Test Mini Ball	Test Ball	Test Cube	Test Flex Stick	Test Card	Test Fly-Ball
0.2	stainless steel AISI304	77169328								
0.3	stainless steel AISI304	77169333								
0.4	stainless steel AISI304	77169329								
0.5	stainless steel AISI304	77169334								
0.6	stainless steel AISI304	77169330								
0.7	stainless steel AISI304	77169331								77178345
0.8	stainless steel AISI304	77169332	77169344	77169359		77169398		77181950	12000109	77178346
0.9	stainless steel AISI304	77169325	77169345	77169368		77169399			12000110	77178258
1.0	stainless steel AISI304	77169326	77169350	77169364		77169400		77181951	12000111	77178255
1.1	stainless steel AISI304	77169324	77169341	77169369		77169401			12000112	77178259
1.2	stainless steel AISI304	77169327	77169351	77169365	77169381	77169387		77169432	12000113	77178256
1.3	stainless steel AISI304		77169342	77169360	77169380	77169390		77169426	77169447	77178246
1.5	stainless steel AISI304		77169346	77169361	77169374	77169388		77169428	77169446	77178247
1.59	stainless steel AISI304		77169347	77169362	77169376	77169391		77169429	77169448	77178248
1.8	stainless steel AISI304		77169348	77169363	77169377	77169389		77169430	12000115	77178249
2.0	stainless steel AISI304		77169349	77169366	77169378	77169392		77169431	12000116	77178243
2.2	stainless steel AISI304		77169353	77169370	77169379	77169394		77169435	77169456	77178245
2.5	stainless steel AISI304		77169352	77169367	77169375	77169395		77169433	12000118	77178244
2.78	stainless steel AISI304		77169336	77169371	77169373	77169396		77169427	77169449	
3.0	stainless steel AISI304		77169335	77169354	77169372	77169397		77169434	12000120	
3.5	stainless steel AISI304		77169337	77169356	77187096	77169393			12000122	
4.0	stainless steel AISI304		77169338	77169357		77169385			12000123	
4.5	stainless steel AISI304		77169339	77169358		77169384			12000124	
5.0	stainless steel AISI304		77169340	77169355		77169386			12000127	
5.5	stainless steel AISI304			77181952			77169424		77169443	
6.0	stainless steel AISI304						77169425		12000129	
7.0	stainless steel AISI304						77169418			
8.0	stainless steel AISI304						77169419			
9.0	stainless steel AISI304						77169420			
10.0	stainless steel AISI304						77169421			
12.0	stainless steel AISI304						77169422			
14.0	stainless steel AISI304						77169423			

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material stainless steel AISI 316

Ø mm	Material	Test Mini Disk	Test Mini Stick	Test Stick	Test Mini Ball	Test Ball	Test Cube	Test Flex Stick	Test Card	Test FlyBall
0.5	stainless steel AISI316	77169459								
1.0	stainless steel AISI316		77169460	77169477		77169494			12000130	
1.5	stainless steel AISI316		77169464	77169476	77169481	77169495		77169505	12000131	
2.0	stainless steel AISI316		77169461	77169479	77169482	77169493		77169507	77169515	
2.5	stainless steel AISI316		77169462	77169471	77169483	77169492		77169506	12000132	
3.0	stainless steel AISI316		77169463	77169472	77169480	77169487		77169504	12000133	
3.5	stainless steel AISI316		77169467	77169473		77169488			77169513	
4.0	stainless steel AISI316		77169338	77169474		77169489			12000134	
4.5	stainless steel AISI316		77169465	77169470		77169490			77169512	
5.0	stainless steel AISI316		77169466	77169475		77169491			12000135	
7.0	stainless steel AISI316						77169496			

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material non-ferrous (Non-Fe), ferrous (Fe)

Ø mm	Material	Test Strips
0.8	brass	12000555
1.0	brass	12000425
1.2	brass	12000426
1.5	brass	12000427
2.0	brass	12000428
2.5	brass	12000429
3.0	brass	12000430
3.5	brass	12000431
4.0	brass	12000432
4.5	brass	12000433
5.0	brass	12000434
5.56	brass	12000435
6.0	brass	12000436
3.0	aluminium	
3.5	aluminium	
4.0	aluminium	
0.2	ferrous	12000403
0.3	ferrous	12000405
0.397	ferrous	12000406
0.5	ferrous	12000407
0.6	ferrous	12000408
0.8	ferrous	12000409
1.0	ferrous	12000410
1.2	ferrous	12000521
1.5	ferrous	12000412
1.8	ferrous	12000414
2.0	ferrous	12000415
2.5	ferrous	12000417
3.0	ferrous	12000418
3.5	ferrous	12000419
4.0	ferrous	12000420
4.5	ferrous	12000421
5.0	ferrous	12000422
5.5	ferrous	12000423
6.0	ferrous	12000424

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se

Test samples

Previous colour coding – ball material stainless steel AISI 304, stainless steel AISI 316

Ø mm	Material	Test Strips
0.5	stainless steel AISI304	12000437
0.6	stainless steel AISI304	12000438
0.8	stainless steel AISI304	12000439
0.9	stainless steel AISI304	12000440
1.0	stainless steel AISI304	12000441
1.1	stainless steel AISI304	12000442
1.2	stainless steel AISI304	12000443
1.59	stainless steel AISI304	12000444
1.8	stainless steel AISI304	12000445
2.0	stainless steel AISI304	12000446
2.5	stainless steel AISI304	12000448
3.0	stainless steel AISI304	12000450
3.5	stainless steel AISI304	12000452
4.0	stainless steel AISI304	12000453
4.5	stainless steel AISI304	12000454
5.0	stainless steel AISI304	12000456
5.5	stainless steel AISI304	12000457
6.0	stainless steel AISI304	12000458
1.0	stainless steel AISI316	12000459
1.5	stainless steel AISI316	12000460
2.5	stainless steel AISI316	12000461
3.0	stainless steel AISI316	12000462
4.0	stainless steel AISI316	12000463
5.0	stainless steel AISI316	12000464

Mobergs Produktkontroll AB • Fabriksvägen 2 • SE-245 34 Staffanstorp
Tel. +46 (0)40 6808060 • info@mobergs.se • www.mobergs.se