

At STAS we develop, manufacture and distribute safe and flexible hanging solutions for a wide range of wall objects. These can include both decorative objects (paintings, drawings) and practical items (whiteboards, coat hooks, mirrors). Our ever growing team of qualified experts is passionately committed to providing high quality products, personal service, and to share with you the freedom to transform your rooms.

SECTION 121230

PICTURE HANGING SYSTEMS

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section including the following.
 - 1. Rail systems.
 - 2. Rail systems with lighting.
 - 3. Hooks and cords for rail systems.
 - 4. Magnetic hanging systems
 - 5. Related hanging systems.
 - 6. Complimentary products.
- B. Related Work: The following items are not included in this Section and are specified under the designated Sections:
 - 1. Section 061000 - Rough Carpentry for blocking in walls.

1.2 SUBMITTALS

- A. Product Data: Submit for each product indicating materials, dimensions, and profiles. Include installation instructions.
- B. Shop Drawings: Submit shop drawings indicating plans, elevations, details of construction, and relationship with adjacent construction.
- C. Schedule: Submit a written schedule with model numbers, colors, accessories and location of picture hanging systems.
- D. Verification Samples: Submit representative sample of picture hanging systems specified.

1.3 QUALITY ASSURANCE

- A. Manufacturer: Minimum of 5 years manufacturing similar products.
- B. Installer: Minimum of 2 years installing similar products.
- C. Mock-Up: Provide an in-place mock-up of first installation for each type for review of workmanship. Accepted mock-ups may remain in place.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

- B. Storage and Handling: Comply with manufacturer's recommendations for storage and handling. Protect from weather damage.

1.5 WARRANTY

- A. Warranty: Provide manufacturer's standard limited warranty against defects in manufacturing.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis-of-Design Manufacturer: STAS picture hanging systems, Tel. 888-312-6971, Fax 508-556-0052 www.picturehangingsystems.com.

1. Materials: Aluminum and steel, as standard with manufacturer.
2. Lighting Fixtures: UL listed.

2.2 RAIL SYSTEMS

- A. STAS minirail:

1. RM10150 minirail white 150 cm.
2. RM10120 minirail white 200 cm.
3. RM10130 minirail white 300 cm.
4. RM30150 minirail alu 150 cm.
5. RM30120 minirail alu 200 cm.
6. RM30130 minirail alu 300 cm.
7. RM20150 minirail black 150 cm.
8. RM20120 minirail black 200 cm.
9. RM20130 minirail black 300 cm.
10. RD10200 minirail rail connector.
11. RY10200 minirail combi cap white.
12. RY30200 minirail combi cap alu.
13. RY20200 minirail combi cap black.
14. SR10200 minirail clipscrew torx.
15. SR50700 plug 6 x 30 mm hard / soft wall.

- B. STAS cliprail:

1. RC10315 cliprail white 150 cm.
2. RC10320 cliprail white 200 cm.
3. RC10330 cliprail white 300 cm.
4. RC30115 cliprail alu 150 cm.
5. RC30120 cliprail alu 200 cm.
6. RC30130 cliprail alu 300 cm.
7. RC20115 cliprail black 150 cm.
8. RC20120 cliprail black 200 cm.
9. RC20130 cliprail black 300 cm.
10. RD10300 cliprail end cap white.
11. RD30300 cliprail end cap alu.
12. RD20300 cliprail end cap black.
13. RD10400 cliprail corner cap white.
14. RD30400 cliprail corner cap alu.
15. RD40100 railclip (metal, 3 per m1).
16. RD40200 rail connector (metal).

17. SR30600 screw torx.
18. SR50700 plug 6 x 30 mm hard / soft wall.

C. STAS cliprail max:

1. RC10215 cliprail max white 150 cm.
2. RC10220 cliprail max white 200 cm.
3. RC10230 cliprail max white 300 cm.
4. RC30215 cliprail max alu 150 cm.
5. RC30220 cliprail max alu 200 cm.
6. RC30230 cliprail max alu 300 cm.
7. RC20215 cliprail max black 150 cm.
8. RC20220 cliprail max black 200 cm.
9. RC20230 cliprail max black 300 cm.
10. RY10100 cliprail max combi cap white.
11. RY30100 cliprail max combi cap alu.
12. RY20300 cliprail max combi cap black.
13. RD40100 railclip (metal, 3 per m1).
14. RD40200 rail connector (metal).
15. SR30600 screw torx.
16. SR50700 plug 6 x 30 mm hard / soft wall.

D. STAS cliprail pro:

1. VC10150 cliprail pro white 150 cm.
2. VC10200 cliprail pro white 200 cm.
3. VC10300 cliprail pro white 300 cm.
4. VC30150 cliprail pro alu 150 cm.
5. VC30200 cliprail pro alu 200 cm.
6. VC30300 cliprail pro alu 300 cm.
7. VE10200 cliprail pro end cap white.
8. VE30200 cliprail pro end cap alu.
9. VD10400 cliprail pro corner cap white.
10. VD30400 cliprail pro corner cap alu.
11. RD40100 railclip (metal, 3 per m1).
12. RD40200 rail connector (metal).
13. SR30600 screw torx.
14. SR50700 plug 6 x 30 mm hard / soft wall.

E. STAS plasterrail:

1. PR30200 plasterrail 200 cm (including safety strip).

F. STAS j-rail:

1. RJ10115 j-rail white 150 cm (4 holes per m1).
2. RJ10120 j-rail white 200 cm (4 holes per m1).
3. RJ10130 j-rail white 300 cm (4 holes per m1).
4. RJ30115 j-rail alu 150 cm (4 holes per m1).
5. RJ30120 j-rail alu 200 cm (4 holes per m1).
6. RJ30130 j-rail alu 300 cm (4 holes per m1).
7. SJ10100 j-rail screw flush head white.
8. SJ30100 j-rail screw flush head alu.
9. SR50700 plug 6 x 30 mm hard / soft wall.

G. STAS j-rail max:

1. RJ10215 j-rail max white 150 cm (4 holes per m1).
 2. RJ10220 j-rail max white 200 cm (4 holes per m1).
 3. RJ10230 j-rail max white 300 cm (4 holes per m1).
 4. RJ30215 j-rail max alu 150 cm (4 holes per m1).
 5. RJ30220 j-rail max alu 200 cm (4 holes per m1).
 6. RJ30230 j-rail max alu 300 cm (4 holes per m1).
 7. SJ10200 j-rail max screw sunk head white.
 8. SJ30200 j-rail max screw sunk head alu.
 9. SR50700 plug 6 x 30 mm hard / soft wall.
- H. STAS u-rail:
1. RP10115 u-rail white 150 cm (8 holes per m1).
 2. RP10120 u-rail white 200 cm (8 holes per m1).
 3. RP10130 u-rail white 300 cm (8 holes per m1).
 4. RP20115 u-rail black 150 cm (8 holes per m1).
 5. RP20120 u-rail black 200 cm (8 holes per m1).
 6. RP20130 u-rail black 300 cm (8 holes per m1).
 7. RP30115 u-rail alu 150 cm (8 holes per m1).
 8. RP30120 u-rail alu 200 cm (8 holes per m1).
 9. RP30130 u-rail alu 300 cm (8 holes per m1).
 10. SP10100 u-rail screw white.
 11. SP20100 u-rail screw black.
 12. SP30100 u-rail screw alu.
- I. STAS windsor & riva:
1. RP50220 windsor 120 cm.
 2. RP50224 windsor 240 cm.
 3. RP50120 riva 120 cm.
 4. RP50124 riva 240 cm.
- J. STAS evoluon:
1. TCS30020 STAS evoluon 200 cm (4 holes per m1).
 2. TCS9012 distance holder evoluon.
 3. TCS9016 STAS evoluon hook.
 4. TCS9020 bending mold evoluon.
 5. SJ30300 evoluon screw.
 6. SR50700 plug 6 x 30 mm hard / soft wall.
- K. STAS drywallXpress:
1. RD40400 STAS drywallXpress clip.
 2. RD40501 STAS drywallXpress tool.
 3. RD40600 STAS drywallXpress set (100 x) + 1 x tool.
 4. RT40200 STAS drywallXpress railconnector.
- L. STAS separate rail parts:
1. PS50105 rail installation kit 2 m1 (6 x clip/screw/plug).
 2. RD10100 railclip plastic.
- M. STAS plasterboard rail:
1. PC10120 plasterboard rail 9,5 mm - 200 cm.

2. PC10130 plasterboard rail 9,5 mm - 300 cm.
3. PC10020 plasterboard rail 12,5 mm - 200 cm.
4. PC10030 plasterboard rail 12,5 mm - 300 cm.
5. PC10170 inside corner profile 9,5 mm (with corner connector).
6. PC10070 inside corner profile 12,5 mm (with corner connector).
7. PC10180 outside corner profile 9,5 mm (with corner connector).
8. PC10080 outside corner profile 12,5 mm (with corner connector).
9. RD20400 rail connector.
10. RD20500 corner connector.
11. SR10400 hammer fixing plug (5 per m1).

N. STAS drop ceiling rail:

1. GC10020 drop ceiling rail 200 cm 19GC10030 drop ceiling rail 300 cm.
2. GC10070 inside corner profile (with corner connector).
3. GC10080 outside corner profile (with corner connector).
4. RD20400 rail connector.
5. RD20500 corner connector.
6. SR10400 hammer fixing plug (5 per m1).

O. STAS prorail flat:

1. RH10515 prorail flat white 150 cm (4 holes per m1).
2. RH10520 prorail flat white 200 cm (4 holes per m1).
3. RH10530 prorail flat white 300 cm (4 holes per m1).
4. RD20500 prorail flat corner connector white.
5. RD20400 prorail flat rail connector.
6. SJ10200 multirail flat screw.
7. SR50700 plug 6 x 30 mm hard / soft wall.

2.3 RAIL SYSTEMS WITH LIGHTING

A. STAS multirail:

1. VH10150 multirail white 150 cm.
2. VH10200 multirail white 200 cm.
3. VH10300 multirail white 300 cm.
4. VH30150 multirail alu 150 cm.
5. VH30200 multirail alu 200 cm.
6. VH30300 multirail alu 300 cm.
7. VE10200 multirail end cap white.
8. VE30200 multirail end cap alu.
9. VD10400 multirail corner cap white.
10. VD30400 multirail corner cap alu.
11. VF50200 multirail conductor 12 V straight.
12. VF50100 multirail conductor 12 V corner.
13. RD40100 railclip (metal, 3 per m1).
14. RD40200 rail connector (metal).
15. SR30600 screw torx.
16. SR50700 plug 6 x 30 mm hard / soft wall.

B. STAS multirail max:

1. VC10420 multirail max white 200 cm.
2. VC10430 multirail max white 300 cm.
3. VC30420 multirail max alu 200 cm.

4. VC30430 multirail max alu 300 cm.
5. RM10420 prorail max white 200 cm.
6. RM10430 prorail max white 300 cm.
7. VE10400 multirail max end cap white.
8. VE30400 multirail max end cap alu.
9. VD20500 multirail max corner cap white.
10. VD30500 multirail max corner cap alu.
11. VF50200 multirail conductor 12 V straight.
12. VF50100 multirail conductor 12 V corner.
13. RD40100 railclip (metal, 3 per m1).
14. RD40200 rail connector (metal).
15. SR30600 screw torx.
16. SR50700 plug 6 x 30 mm hard / soft wall.

C. STAS multirail crown:

1. RC10420 multirail crown white 200 cm (4 holes per m1).
2. RC10430 multirail crown white 300 cm (4 holes per m1).
3. RH10415 prorail crown white 150 cm (4 holes per m1).
4. RH10420 prorail crown white 200 cm (4 holes per m1).
5. RH10430 prorail crown white 300 cm (4 holes per m1).
6. RD20500 multirail crown corner connector white.
7. RD20400 multirail crown rail connector.
8. VF50200 multirail conductor 12 V straight.
9. VF50100 multirail conductor 12 V corner.
10. SJ10200 multirail crown screw.
11. SR50700 plug 6 x 30 mm hard / soft wall.

D. STAS multirail flat:

1. RC10520 multirail flat white 200 cm (4 holes per m1).
2. RC10530 multirail flat white 300 cm (4 holes per m1).
3. RD20500 multirail flat corner connector white.
4. RD20400 multirail flat rail connector.
5. VF50200 multirail conductor 12 V straight.
6. VF50100 multirail conductor 12 V corner.
7. SJ10200 multirail flat screw.
8. SR50700 plug 6 x 30 mm hard / soft wall.

E. STAS multirail accessories:

1. VL10200 multirail LED spot 3,5 W 27 degrees.
2. VL10700 multirail powered 4 W.
3. VL10900 multirail LED spot 3,5 W 95 degrees.
4. VT30700 Wi-Fi smart plug.
5. VA10500 multirail fixture classic white 50 cm.
6. VA10700 multirail fixture classic white 70 cm.
7. VA30500 multirail fixture classic chrome 50 cm.
8. VA30700 multirail fixture classic chrome 70 cm.
9. VA30365 multirail fixture sirius chrome 40 cm.
10. VA30465 multirail fixture sirius chrome 50 cm.
11. VA30665 multirail fixture sirius chrome 65 cm.
12. VA30770 multirail fixture signo chrome 70 cm.
13. VT20500 multirail adapter 18 W.
14. VT20400 multirail adapter 60 W.
15. VT20300 multirail adapter 96 W.

2.4 HOOKS AND CORDS FOR RAIL SYSTEMS

A. STAS hooks and cords:

1. HA30900 smartspring (4 kg perlon).
2. HA30501 zipper (15 kg perlon + 20 kg steel).
3. HA30530 zipper pro (15 kg perlon + 20 kg steel).
4. CP10110 cobra + perlon cord 100 cm.
5. CP10115 cobra + perlon cord 150 cm.
6. CP10120 cobra + perlon cord 200 cm.
7. CP10125 cobra + perlon cord 250 cm.
8. CP10130 cobra + perlon cord 300 cm.
9. CP10140 cobra + perlon cord 400 cm.
10. SC10110 cobra + steelcable 100 cm.
11. SC10115 cobra + steelcable 150 cm.
12. SC10120 cobra + steelcable 200 cm.
13. SC10125 cobra + steelcable 250 cm.
14. SC10130 cobra + steelcable 300 cm.
15. SC10140 cobra + steelcable 400 cm.
16. SC10220 cobra + steelcable white 200 cm (10 kg zipper).
17. SC20220 cobra + steelcable black 200 cm (10 kg zipper).
18. BM20330 blister 2 x smartspring.
19. BM20340 blister 2 x zipper.
20. BM20310 blister 2 x cobra + perlon cord 150 cm.
21. BM20320 blister 2 x cobra + steelcable 150 cm.
22. BM10280 blister cobra+perlon cord 150 cm+smartspring.
23. BM10230 blister cobra+perlon cord 150 cm+zipper.
24. BM10290 blister cobra+steelcable 150 cm+zipper.
25. PK10100 perlon cord on roll 100 m1.

B. STAS j-rail hooks, cords and rods:

1. HA30900 smartspring (4 kg perlon).
2. HA30501 zipper (15 kg perlon + 20 kg steel).
3. HA30530 zipper pro (15 kg perlon + 20 kg steel).
4. PH10110 perlon cord with glider 100 cm.
5. PH10115 perlon cord with glider 150 cm.
6. PH10120 perlon cord with glider 200 cm.
7. PH10125 perlon cord with glider 250 cm.
8. PH10130 perlon cord with glider 300 cm.
9. PH10145 perlon cord with glider 450 cm.
10. SH10110 steel cable with glider 100 cm.
11. SH10115 steel cable with glider 150 cm.
12. SH10120 steel cable with glider 200 cm.
13. SH10125 steel cable with glider 250 cm.
14. SH10130 steel cable with glider 300 cm.
15. SH10145 steel cable with glider 450 cm.
16. HR10600 j-rail cylinder hook white.
17. HR30600 j-rail cylinder hook alu.
18. SO10110 j-rail rod 3 mm white 100 cm.
19. SO10115 j-rail rod 3 mm white 150 cm.
20. SO10120 j-rail rod 3 mm white 200 cm.
21. SO10130 j-rail rod 3 mm white 300 cm.
22. SO30110 j-rail rod 3 mm alu 100 cm.
23. SO30115 j-rail rod 3 mm alu 150 cm.

24. SO30120 j-rail rod 3 mm alu 200 cm.
25. SO30130 j-rail rod 3 mm alu 300 cm.
26. HA30700 j-rail spring hook for rod 3 mm (15 kg).
27. HR10400 j-rail S-hook white (for cord with loop).
28. HR30400 j-rail S-hook chrome (for cord with loop).

C. STAS j-rail max hooks en rods:

1. SM10110 j-rail max rod 4x4 white 100 cm.
2. SM10115 j-rail max rod 4x4 white 150 cm.
3. SM10120 j-rail max rod 4x4 white 200 cm.
4. SM10125 j-rail max rod 4x4 white 250 cm.
5. SM30110 j-rail max rod 4x4 alu 100 cm.
6. SM30115 j-rail max rod 4x4 alu 150 cm.
7. SM30120 j-rail max rod 4x4 alu 200 cm.
8. SM30125 j-rail max rod 4x4 alu 250 cm.
9. SM10210 j-rail max rod 4x10 white 100 cm.
10. SM10215 j-rail max rod 4x10 white 150 cm.
11. SM10220 j-rail max rod 4x10 white 200 cm.
12. SM10225 j-rail max rod 4x10 white 250 cm.
13. HA40600 j-rail max hook for rod 4x4 (40 kg).
14. HA40500 j-rail max hook for rod 4x10 (100 kg).
15. BK10200 4x4 security set, collar + cap.
16. HA40700 j-rail max security hook (40 kg).

D. STAS plasterrail hooks and cords:

1. HA30900 smartspring (4 kg perlon).
2. HA30501 zipper (15 kg perlon + 20 kg steel).
3. HA30530 zipper pro (15 kg perlon + 20 kg steel).
4. PR90001 plasterrail hook.
5. PH10110 perlon cord with glider 100 cm.
6. PH10115 perlon cord with glider 150 cm.
7. PH10120 perlon cord with glider 200 cm.
8. PH10125 perlon cord with glider 250 cm.
9. PH10130 perlon cord with glider 300 cm.
10. PH10145 perlon cord with glider 450 cm.
11. SH10110 steelcable with glider 100 cm.
12. SH10115 steelcable with glider 150 cm.
13. SH10120 steelcable with glider 200 cm.
14. SH10125 staalkabel met glijder 250 cm.
15. SH10130 staalkabel met glijder 300 cm.
16. SH10145 staalkabel met glijder 450 cm.

E. STAS windsor & riva hooks and cords:

1. HA30900 smartspring (4 kg perlon).
2. HA30501 zipper (15 kg perlon + 20 kg steel).
3. HA30530 zipper pro (15 kg perlon + 20 kg steel).
4. PL10110 perlon cord with loop 100 cm.
5. PL10115 perlon cord with loop 150 cm.
6. PL10120 perlon cord with loop 200 cm.
7. PL10125 perlon cord with loop 250 cm.
8. PL10130 perlon cord with loop 300 cm.
9. SL10110 steelcable with loop 100 cm.
10. SL10115 steelcable with loop 150 cm.

11. SL10120 steelcable with loop 200 cm.
12. SL10125 steelcable with loop 250 cm.
13. SL10130 steelcable with loop 300 cm.
14. HW10200 hook windsor white.
15. HW30200 hook windsor alu.
16. HW60200 hook windsor gold.
17. HW50700 hook riva.

2.5 MAGNETIC HANGING SYSTEMS

A. Magnetic Hanging Solutions:

1. BM20360 magnet set.
2. MB10050 white magnets (10 pieces).
3. BM20370 coloured magnet set.
4. MB10040 coloured magnets (10 pieces).
5. BM20380 magnet set 2-in-1 (cobra + loop).

2.6 RELATED HANGING SYSTEMS

A. STAS papergrip:

1. PG10105 papergrip white 50 cm.
2. PG10110 papergrip white 100 cm.
3. PG10115 papergrip white 150 cm.
4. PG10120 papergrip white 200 cm.
5. PG15005 papergrip white textured 50 cm.
6. PG15010 papergrip white textured 100 cm.
7. PG15015 papergrip white textured 150 cm.
8. PG15020 papergrip white textured 200 cm.
9. PG20105 papergrip black textured 50 cm.
10. PG20110 papergrip black textured 100 cm.
11. PG20115 papergrip black textured 150 cm.
12. PG20120 papergrip black textured 200 cm.
13. PG30105 papergrip alu textured 50 cm.
14. PG30110 papergrip alu textured 100 cm.
15. PG30115 papergrip alu textured 150 cm.
16. PG10120 papergrip alu textured 200 cm.
17. PG90001 papergrip end cap white.
18. PG90002 papergrip end cap black.
19. PG90003 papergrip end cap alu.
20. HA40410 papergrip hook white.
21. HA40412 papergrip hook alu.
22. HA40411 papergrip hook black.
23. RD40100 railclip (metal, 3 per m1).
24. RD40200 rail connector (metal).
25. SR30600 screw torx.
26. SR50700 plug 6 x 30 mm hard / soft wall.

B. STAS grip-up:

1. SPG10105 grip-up white 50 cm.
2. SPG10110 grip-up white 100 cm.
3. SPG10115 grip-up white 150 cm.
4. SPG10120 grip-up white 200 cm.
5. SPG30105 grip-up alu 50 cm.

6. SPG30110 grip-up alu 100 cm.
 7. SPG30115 grip-up alu 150 cm.
 8. SPG30120 grip-up alu 200 cm.
 9. SPG90011 grip-up end cap set l+r white.
 10. SPG90015 grip-up end cap set l+r alu.
 11. SPG90010 grip-up wall clip for wall mounting (4 clips per m1).
- C. STAS papergrip hanger:
1. HA40110 papergrip hanger.
 2. PG40110 papergrip hanger stabilization set.
- D. STAS name tag:
1. PG20007 name tag.
- E. STAS panel hooks:
1. HW10300 panel hook white 11 mm.
 2. HW10400 panel hook white 16 mm.
 3. HW10600 panel hook white 18 mm.
 4. HW10500 panel hook white 21 mm.
 5. HW10700 panel hook white 26 mm.
 6. HW10800 panel hook white 31 mm.
 7. HW30700 panel hook alu interselect.
 8. HW30800 panel hook alu lux window frame.
 9. HW50100 panel hook transparant alcoa.
 10. HW30300 panel hook alu verwol type 1.
 11. HW30400 panel hook alu verwol type 2.
 12. HW30500 panel hook alu sepa normal.
 13. HW10200 molding hook white.
 14. HW30200 molding hook alu.
 15. HW60200 molding hook gold.
 16. HW50400 panel hook askon chrome.
 17. HW50500 panel hook PE transparant.
 18. HW50600 panel hook maars.
- F. STAS signtrack:
1. PS10042 signtrack set 42 cm.
 2. PS10060 signtrack set 60 cm.
 3. PS10100 signtrack set 100 cm.
 4. PS10200 signtrack set 200 cm.
 5. PS29942 signtrack rail 42 cm.
 6. PS29960 signtrack rail 60 cm.
 7. PS29100 signtrack rail 100 cm.
 8. PS29200 signtrack rail 200 cm.
 9. HA50200 signtrack hook.
 10. HA30660 signtrack clamp.
 11. RD20600 signtrack end cap.
- G. STAS poster strips en snaps:
1. PS50030 poster strip set transparant 30 cm.
 2. PS50042 poster strip set transparant 42 cm.
 3. PS50050 poster strip set transparant 50 cm.

4. PS50060 poster strip set transparant 60 cm.
 5. PS50070 poster strip set transparant 70 cm.
 6. PS50084 poster strip set transparant 84 cm.
 7. PS50110 poster strip set transparant 100 cm.
 8. PS30050 poster snap set alu 50 cm.
 9. PS30070 poster snap set alu 70 cm.
 10. PS30100 poster snap set alu 100 cm.
- H. STAS suspended ceiling hooks:
1. HA10100 suspended ceiling hook white.
 2. HA10200 suspended ceiling hook for cords with loop.
- I. STAS double hanger:
1. DH10010 double hanger 10 cm alu.
 2. DH10025 double hanger 25 cm alu.
 3. DH10040 double hanger 40 cm alu.
 4. DH10060 double hanger 60 cm alu.
 5. DH10080 double hanger 80 cm alu.
- J. STAS dibond hangers:
1. BS30900 dibond hanger set 70 x 70 mm, 3 kg.
 2. BS30800 dibond hanger set 100 x 100 mm, 6 kg.
 3. BS30500 dibond hanger set 70 x 140 mm, 6 kg.
 4. BS30700 dibond hanger set 100 x 200 mm, 12 kg.
 5. BS50400 dibond hanger set diameter 90, 3,5 kg.
 6. MB10080 self-adhesive distance caps round 13 mm (per 4 pieces).
- K. STAS qubic:
1. TCS1002 qubic hanger.
 2. TCS9002 qubic end cap black.
 3. SJ30200 screw qubic.
 4. SR50700 plug.
- L. STAS qubic pro:
1. TCS1010 qubic pro hanger.
 2. TCS9002 qubic endcap black.
 3. SJ30100 screw qubic pro.
 4. SR50700 plug.
- M. STAS v-tense & h-tense:
1. TSBV150 v-tense 150 cm.
 2. TSBV300 v-tense 300 cm.
 3. TSBV450 v-tense 450 cm.
 4. TSBH150 h-tense 150 cm.
 5. TSBH300 h-tense 300 cm.
 6. TSBH450 h-tense 450 cm.
- N. STAS v-tense & h-tense accessories:
1. TCS30001 frame clamp (4,5 mm).
 2. TCS30002 frame connector (4,5 mm).

3. TCS30003 frame clamp (8,5 mm).
4. TCS30004 frame connector (8,5 mm).
5. TCS30010 tense-frame.
6. TCS30005 shelf clamp (8,5 mm).
7. TCS30006 shelf connector (8,5 mm).
8. TCS30025 shelf 20 x 30 cm.
9. TCS30007 signage clip.
10. MC10100 metal clips.
11. HA30600 security hook.
12. TCS30009 distance clamp.
13. TCS30015 tense LED frame.
14. VT30600 tense 12V power.

O. STAS paperrail:

1. KN10005 paperrail white 50 cm.
2. KN30005 paperrail alu 50 cm.
3. KN10010 paperrail white 100 cm.
4. KN30010 paperrail alu 100 cm.
5. KN10020 paperrail white 200 cm.
6. KN30020 paperrail alu 200 cm.
7. KN30100 paperrail connector set.
8. SR10000 clipscrew.
9. SR50700 plug 6 x 30 mm hard / soft wall.

P. STAS picture hits:

1. BM20350 picture hits.

2.7 COMPLIMENTARY PRODUCTS

A. STAS clocktica:

1. KH40430W clocktica white 43 cm.
2. KH40950W clocktica white 95 cm.
3. KH40430Z clocktica black 43 cm.
4. KH40950Z clocktica black 95 cm.

B. STAS tunica:

1. KH40095W tunica white 95 cm.
2. KH40095Z tunica black 95 cm.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine existing conditions to determine that they are suitable for installation. Proceed with installation only when unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install units in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.

3.3 ADJUSTING AND CLEANING

- A. Adjust units for proper operation and uniform appearance.
- B. Clean exposed and semi-exposed surfaces using materials acceptable to manufacturer.

END OF SECTION