Claims

1. A chisel holder, comprising:

- a body region ~~(12)~~ having a chisel-receiving opening ~~(18)~~ which is open at least toward a chisel insertion side ~~(14)~~ of the body region ~~(12)~~,

- a fastening shank ~~(26)~~ which extends from a supporting side ~~(10)~~ of the body region ~~(12)~~ and which has a shank longitudinal axis ~~(L_B)~~ and a main outer circumferential surface,

wherein on the fastening shank ~~(26)~~ there are provided, on a first side, a fastening element loading region ~~(76)~~ and, on a second side situated opposite in relation to the shank longitudinal axis ~~(L_B)~~, a supporting region ~~(78)~~ with supporting surface regions ~~(88, 90)~~ which are inclined relative to one another and adjoin one another in a transition region ~~(92)~~ extending in the direction of the shank longitudinal axis ~~(L_B)~~, wherein the fastening shank is formed, in the region of its main outer circumferential surface, with a round outer circumferential contour,

~~characterized~~

~~in that~~ wherein the transition region ~~(92)~~ is formed in the manner of a depression,

and/or

~~in that~~ wherein at least one supporting surface region ~~(88, 90)~~ is formed so as to protrude at least in regions radially outward in relation to the shank longitudinal axis ~~(L_B)~~ beyond the~~a~~ main outer circumferential surface ~~(94)~~ of the fastening shank ~~(26)~~.

2. The chisel holder as claimed in claim 1, wherein ~~characterized in that~~ the transition region ~~(92)~~ is provided at least in regions by a concave depression.

3. The chisel holder as claimed in claim 1 or 2, ~~characterized in that~~wherein at least one supporting surface region ~~(88, 90)~~, in the direction from its circumferential end region remote from the transition region ~~(92)~~ toward its circumferential end region proximate to the transition region, approaches the radial level of the main outer circumferential surface ~~(94)~~.

4. The chisel holder as claimed in claim 1, 2 or 3, wherein ~~characterized in that~~ at least one supporting surface region ~~(88, 90)~~, at its circumferential end region remote from the transition region ~~(92)~~, merges in a stepped and/or curved manner into the main outer circumferential surface ~~(94)~~, and/or wherein~~in that~~ at least one supporting surface region ~~(88, 90)~~, in its axial end region proximate to the body region ~~(12)~~ and/or in its axial end region remote from the body region ~~(12)~~, merges in a stepped and/or curved manner into the main outer circumferential surface ~~(94)~~.

5. The chisel holder as claimed in one of claims 1 to 4, wherein ~~characterized in that~~ the supporting surface regions ~~(88, 90)~~ and/or the transition region ~~(92)~~ are formed so as to be

substantially symmetrical in relation to a holder central plane.

6. The chisel holder as claimed in one of claims 1 to 5, ~~characterized in that~~wherein at least one supporting surface region ~~(88, 90)~~ is formed so as to be curved around the shank longitudinal axis ~~(L_B)~~.

7. The chisel holder as claimed in claim 6, wherein ~~characterized in that~~ both supporting surface regions ~~(88, 90)~~ have the same radius of curvature and/or curvature central point.

8. The chisel holder as claimed in one of claims 1 to 7, wherein~~characterized in that~~ the fastening shank ~~(26)~~ is formed, in the region of its main outer circumferential surface ~~(94)~~, with a ~~round, preferably~~ circular, oval or elliptical outer circumferential contour.

9. The chisel holder as claimed in one of claims 1 to 8, wherein~~characterized in that~~ a longitudinal central axis ~~(L_M)~~ of the chisel-receiving opening ~~(18)~~ and the shank longitudinal axis ~~(L_B)~~ are inclined relative to one another at an angle of 6° to 24°, preferably approximately 12°.

10. The chisel holder as claimed in one of claims 1 to 9,

wherein ~~characterized in that~~ the fastening element loading region ~~(76)~~ comprises a fastening element loading surface ~~(80)~~, and in that the shank longitudinal axis ~~(L_B)~~ and a surface normal ~~(F_N)~~ of the fastening element loading surface ~~(80)~~ are inclined relative to one another at an angle of 50° to 65°, preferably approximately 62.5°.

11. A chisel holder system, comprising:

- a chisel holder ~~(10) preferably~~ as claimed in one of the preceding claims,

- a base part ~~(44)~~ having a fastening shank receiving opening ~~(46)~~, which is open at least toward a counterpart supporting side ~~(48)~~, and a fastening element receiving opening ~~(84)~~, which is open toward the fastening shank receiving opening ~~(46)~~, wherein a fastening element ~~(82)~~ which can be moved in order to exert load on the fastening element loading region ~~(76)~~ is received in the fastening element receiving opening ~~(84)~~,

wherein, in the fastening shank receiving opening ~~(46)~~, there is provided a counterpart supporting region ~~(86)~~ with counterpart supporting surface regions ~~(96, 98)~~ which adjoin one another in a further transition region ~~(100)~~ which extends in the direction of a fastening shank receiving opening longitudinal axis ~~(L_A)~~.

12. The chisel holder system as claimed in claim 11,

wherein ~~characterized in that~~ the further transition region ~~(100)~~ is formed in the manner of a projection.

13. The chisel holder system as claimed in claim 11 or 12, wherein ~~characterized in that~~ the further transition region ~~(100)~~ is formed at least in regions by a convex projection.

14. The chisel holder system as claimed in one of claims 11 to 13, whereinc~~haracterized in that~~ the further transition region ~~(100)~~ is of complementary design to the transition region ~~(92)~~.

15. The chisel holder system as claimed in one of claims 11 to 14, whereinc~~haracterized in that~~ at least one counterpart supporting surface region ~~(96, 98)~~ is formed so as to protrude at least in regions radially inward in relation to the fastening shank receiving opening longitudinal axis ~~(I_A)~~ beyond a main inner circumferential surface ~~(108)~~ of the fastening shank receiving opening ~~(46)~~.

16. The chisel holder system as claimed in claim 15, whereinc~~haracterized in that~~ at least one counterpart supporting surface region ~~(96, 98)~~ protrudes, at least in its circumferential end region proximate to the further

transition region ~~(100)~~, beyond the main inner circumferential surface ~~(108)~~, and, in the direction of its circumferential end region remote from the further transition region ~~(100)~~, approaches the radial level of the main inner circumferential surface ~~(108)~~.

17. The chisel holder system as claimed in claim 15 or 16, wherein ~~characterized in that~~ at least one counterpart supporting surface region ~~(96, 98)~~, at least in its axial end region proximate to the counterpart supporting side ~~(48)~~ and/or in its axial end region remote from the counterpart supporting side ~~(48)~~, merges in a stepped and/or curved manner into the main inner circumferential surface ~~(108)~~.

18. The chisel holder system as claimed in one of claims 11 to 17, wherein ~~characterized in that~~ the fastening shank receiving opening ~~(46)~~ is formed with a circular inner circumferential contour in the region of its main inner circumferential surface ~~(108)~~ and/or in the region of its counterpart supporting surface regions ~~(96, 98)~~.

19. The chisel holder system as claimed in one of claims 11 to 18, wherein ~~characterized in that~~ the fastening shank receiving opening

longitudinal axis ~~(L_A)~~ and a fastening element receiving opening longitudinal axis ~~(L_O)~~ are inclined relative to one another at an angle of 50° to 65°, preferably approximately 62.5°.