

PROJAHN

DESOI®

HAMMER DRILL

Precision tools for injection



Technical details: 2-cutting edges SDS-PLUS holder shaft

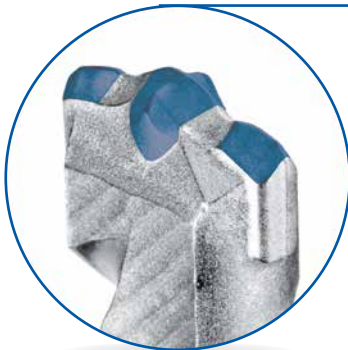
THE NEXT GENERATION HAMMER DRILL.

Developed and manufactured under the most technologically advanced conditions for maximum unprecedented drilling speed and stability - Added value for successful injection!

- Exact concentricity: Perfect drill holes for precise and easy insertion of packers
- Durability: Fast and continuous work without loss of time
- Safety: The wear mark ensures that the injection packer fits perfectly into the hole

QUALITY

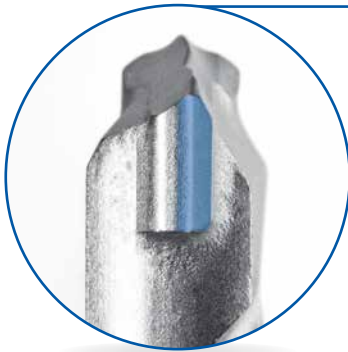
- Made of high-quality tempering steel especially selected for the toughest applications
- The PGM-Certification guarantees accurate dowel holes and precise concentricity



3 CRUSHER

- 3 crusher achieve maximum drilling speed and ultimate destruction with impact and torsion
- Carbide plate with three robust crushers and shovel-effect
- Incomparable, at least 20% faster drilling of the processed material then with reference products

POWERFUL



WEAR MARKS

- Wear marks show, whether the tool is still suitable to drill dowelcompatible holes

PRECISE

CENTERING POINT

- Accurate drilling without slipping off the material

FAST

CORE REINFORCED FLUTE

- Maximum resistance against breaking even under extreme conditions
- Reduced vibration for protection of person and machine

GEOMETRY

- 2-flute geometry with large volume spiral
- Reduces friction and ensures rapid removal of the drilling dust

SDS-PLUS

RANGE OF APPLICATION



Concrete



Masonry



Natural stone

CHARACTERISTICS



Durable



Precise



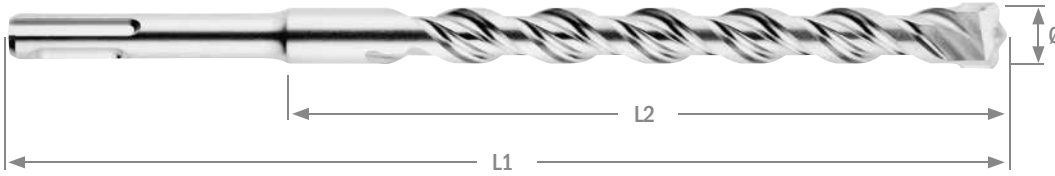
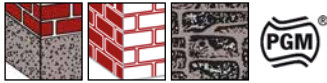
Powerful



Low vibration



Hammer drill 2-cutting edges SDS-PLUS holder shaft



| Ø [mm] | L1 | L2 | Nr. |
|--------|-----|-----|------------|
| 3,0 | 110 | 50 | 000-02-966 |
| 4,0 | 110 | 50 | 000-02-697 |
| 4,0 | 160 | 100 | 000-02-968 |
| 5,0 | 110 | 50 | 000-02-969 |
| 5,0* | 160 | 100 | 000-02-970 |
| 5,0 | 210 | 150 | 000-02-971 |
| 5,0 | 260 | 200 | 000-02-972 |
| 5,0 | 310 | 250 | 000-02-973 |
| 5,0 | 360 | 300 | 000-02-974 |
| 5,0 | 450 | 390 | 000-02-975 |
| 5,5 | 110 | 50 | 000-03-056 |
| 5,5 | 160 | 100 | 000-03-057 |
| 5,5 | 210 | 150 | 000-03-058 |
| 5,5 | 260 | 200 | 000-03-059 |
| 5,5 | 310 | 250 | 000-03-060 |
| 5,5 | 410 | 350 | 000-03-061 |
| 6,0* | 110 | 50 | 000-02-976 |
| 6,0* | 160 | 100 | 000-02-977 |
| 6,0* | 210 | 150 | 000-02-978 |
| 6,0* | 260 | 200 | 000-02-979 |
| 6,0* | 310 | 250 | 000-02-980 |
| 6,0* | 460 | 400 | 000-02-981 |
| 6,5 | 110 | 50 | 000-03-062 |
| 6,5 | 160 | 100 | 000-03-063 |
| 6,5 | 210 | 150 | 000-03-064 |
| 6,5 | 260 | 200 | 000-03-065 |
| 6,5 | 310 | 250 | 000-03-066 |
| 6,5 | 450 | 400 | 000-03-067 |
| 7,0 | 110 | 50 | 000-02-982 |
| 7,0 | 160 | 100 | 000-02-983 |
| 7,0 | 210 | 150 | 000-02-984 |
| 7,0 | 250 | 190 | 000-02-985 |
| 8,0 | 110 | 50 | 000-02-986 |
| 8,0 | 160 | 100 | 000-02-987 |
| 8,0* | 210 | 150 | 000-02-988 |
| 8,0* | 260 | 200 | 000-02-989 |
| 8,0* | 310 | 250 | 000-02-990 |

| Ø [mm] | L1 | L2 | Nr. |
|--------|-------|-----|------------|
| 8,0 | 400 | 340 | 000-02-835 |
| 8,0* | 460 | 400 | 000-02-991 |
| 8,0* | 600 | 540 | 000-02-992 |
| 8,0 | 1.000 | 940 | 000-02-842 |
| 9,0 | 160 | 100 | 000-02-993 |
| 9,0 | 210 | 150 | 000-02-994 |
| 10,0 | 110 | 50 | 000-02-995 |
| 10,0* | 160 | 100 | 000-02-996 |
| 10,0* | 210 | 150 | 000-02-997 |
| 10,0* | 260 | 200 | 000-02-998 |
| 10,0* | 310 | 250 | 000-02-999 |
| 10,0* | 350 | 290 | 000-03-000 |
| 10,0* | 450 | 390 | 000-03-001 |
| 10,0* | 600 | 540 | 000-03-002 |
| 10,0 | 800 | 740 | 000-02-843 |
| 10,0* | 1.000 | 940 | 000-03-068 |
| 11,0 | 160 | 100 | 000-03-003 |
| 11,0 | 260 | 200 | 000-03-004 |
| 12,0 | 160 | 110 | 000-03-005 |
| 12,0* | 210 | 160 | 000-03-006 |
| 12,0* | 260 | 210 | 000-03-007 |
| 12,0* | 310 | 260 | 000-03-008 |
| 12,0 | 360 | 310 | 000-02-844 |
| 12,0* | 450 | 400 | 000-03-017 |
| 12,0* | 600 | 550 | 000-03-019 |
| 12,0* | 1.000 | 950 | 000-03-069 |
| 13,0 | 160 | 110 | 000-03-020 |
| 13,0 | 260 | 210 | 000-03-025 |
| 13,0 | 310 | 260 | 000-03-026 |
| 13,0 | 450 | 400 | 000-03-027 |
| 14,0 | 160 | 110 | 000-03-028 |
| 14,0* | 210 | 160 | 000-03-029 |
| 14,0* | 260 | 210 | 000-03-030 |
| 14,0* | 310 | 260 | 000-03-031 |
| 14,0* | 450 | 400 | 000-03-032 |
| 14,0* | 600 | 550 | 000-03-033 |
| 14,0* | 1.000 | 950 | 000-03-070 |

| Ø [mm] | L1 | L2 | Nr. |
|--------|-------|-----|------------|
| 15,0 | 160 | 110 | 000-03-034 |
| 15,0 | 210 | 160 | 000-03-035 |
| 15,0 | 260 | 210 | 000-03-036 |
| 16,0 | 160 | 110 | 000-03-037 |
| 16,0* | 210 | 160 | 000-03-038 |
| 16,0 | 260 | 210 | 000-02-845 |
| 16,0* | 310 | 260 | 000-03-039 |
| 16,0* | 450 | 400 | 000-03-040 |
| 16,0* | 600 | 550 | 000-03-041 |
| 16,0* | 800 | 750 | 000-03-042 |
| 16,0* | 1.000 | 950 | 000-03-071 |
| 17,0 | 210 | 160 | 000-03-043 |
| 17,0 | 310 | 260 | 000-03-044 |
| 18,0 | 200 | 150 | 000-03-045 |
| 18,0* | 300 | 250 | 000-03-046 |
| 18,0* | 450 | 400 | 000-03-047 |
| 18,0* | 600 | 550 | 000-03-048 |
| 18,0* | 1.000 | 950 | 000-03-072 |
| 19,0 | 200 | 150 | 000-03-049 |
| 19,0 | 450 | 400 | 000-03-050 |
| 20,0 | 200 | 150 | 000-03-051 |
| 20,0 | 300 | 250 | 000-02-846 |
| 20,0 | 450 | 400 | 000-02-847 |
| 20,0 | 600 | 550 | 000-02-848 |
| 20,0 | 1.000 | 950 | 000-02-849 |
| 22,0 | 250 | 200 | 000-02-850 |
| 22,0 | 450 | 400 | 000-02-851 |
| 22,0 | 600 | 550 | 000-02-852 |
| 22,0 | 1.000 | 950 | 000-02-853 |
| 24,0 | 250 | 200 | 000-03-052 |
| 24,0 | 450 | 400 | 000-03-053 |
| 25,0 | 250 | 200 | 000-02-854 |
| 25,0 | 450 | 400 | 000-02-855 |
| 25,0 | 600 | 550 | 000-02-856 |
| 25,0 | 1.000 | 950 | 000-02-857 |
| 26,0 | 250 | 200 | 000-03-054 |
| 26,0 | 450 | 400 | 000-03-055 |

*DESOL goods in stock – dispatch possible within 24 hours

Short delivery times 5 – 7 working days

Technical details: 4-cutting edges SDS-PLUS holder shaft

WITH ITS 5 CRUSHERS, THE ROCKET 5 IS THE PERFECT DRILL FOR WORKING ON REINFORCED CONCRETE

- Exact concentricity: Perfect drill holes for precise and easy insertion of packers
- Durability: Fast and continuous work without loss of time
- Safety: The wear mark ensures that the injection packer fits perfectly into the hole

QUALITY

- Made of high-quality tempering steel especially selected for the toughest applications
- The PGM-Certification guarantees accurate dowel holes and precise concentricity



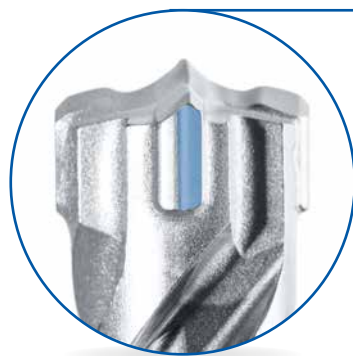
5 CRUSHER

- 5 Crushers create with impact and torsion precise holes in concrete and reinforcement
- Specially developed cutting symmetry with five crushers equally high, in 90° angle arranged cutting edges
- Demolition effect for highly effective destruction of the material
- Perfect concentricity

POWERFUL

- Head geometry prevents snagging in the reinforcement and protects against injuries

SAFETY



REINFORCEMENT PROTECTION AND WEAR MARKS

- Carbide plate with radially shaped protection against reinforcement prevents jamming when drilling reinforced concrete
- Wear marks show, whether the tool is still suitable to drill dowel compatible holes
- Short transition from head to flute ensures fast removal of the drilling dust

PRECISE

CENTERING POINT

- Accurate drilling without slipping off the material
- Ensures long tool lifetime even in extreme applications

DURABLE

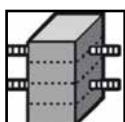
GEOMETRY

- 4-flute geometry
- Very long lifetime due to evenly spread wear
- Smooth running and optimal guidance in the drill hole
- Low vibration for protection of people and machine

SDS-PLUS



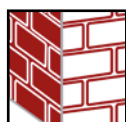
RANGE OF APPLICATION



Reinforced concrete



Concrete



Masonry



Natural stone

CHARACTERISTICS



Durable



Precise

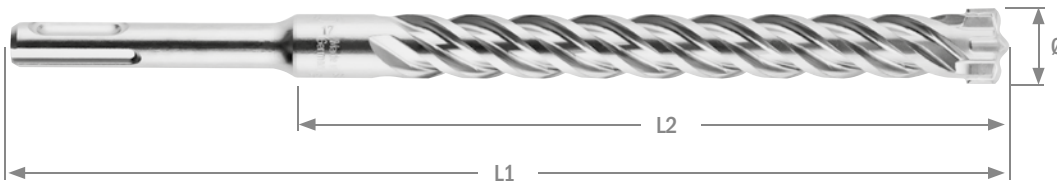
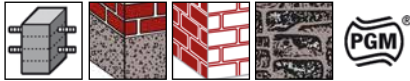


Powerful



Low vibration

Hammer drill 4-cutting edges SDS-PLUS holder shaft



| Ø [mm] | L1 | L2 | Nr. | Ø [mm] | L1 | L2 | Nr. | Ø [mm] | L1 | L2 | Nr. |
|--------|-----|-----|------------|--------|-------|-----|------------|--------|-------|-----|------------|
| 5,0 | 110 | 50 | 000-03-079 | 10,0 | 160 | 100 | 000-03-096 | 15,0 | 210 | 160 | 000-03-113 |
| 5,0 | 160 | 100 | 000-03-080 | 10,0 | 210 | 150 | 000-03-097 | 15,0 | 260 | 210 | 000-03-114 |
| 5,0 | 260 | 200 | 000-03-081 | 10,0 | 260 | 200 | 000-02-863 | 15,0 | 450 | 400 | 000-03-115 |
| 5,5 | 110 | 50 | 000-03-129 | 10,0 | 310 | 250 | 000-02-864 | 16,0 | 160 | 110 | 000-03-116 |
| 5,5 | 160 | 100 | 000-03-130 | 10,0 | 360 | 300 | 000-02-865 | 16,0 | 210 | 160 | 000-03-117 |
| 6,0* | 110 | 50 | 000-03-082 | 10,0* | 450 | 390 | 000-03-098 | 16,0 | 260 | 210 | 000-02-870 |
| 6,0 | 160 | 100 | 000-03-083 | 10,0* | 600 | 540 | 000-03-099 | 16,0 | 310 | 260 | 000-02-871 |
| 6,0 | 210 | 150 | 000-03-084 | 10,0 | 1.000 | 940 | 000-02-866 | 16,0 | 450 | 400 | 000-02-872 |
| 6,0 | 260 | 200 | 000-03-085 | 11,0 | 210 | 150 | 000-03-100 | 16,0 | 600 | 550 | 000-02-873 |
| 6,0 | 310 | 250 | 000-03-089 | 11,0 | 310 | 250 | 000-03-101 | 16,0 | 1.000 | 950 | 000-02-874 |
| 6,5 | 160 | 100 | 000-03-131 | 12,0 | 160 | 110 | 000-03-102 | 18,0* | 250 | 200 | 000-03-118 |
| 6,5 | 210 | 150 | 000-03-132 | 12,0 | 210 | 160 | 000-02-867 | 18,0* | 450 | 400 | 000-03-119 |
| 6,5 | 260 | 200 | 000-03-133 | 12,0 | 260 | 210 | 000-02-868 | 20,0 | 250 | 200 | 000-02-875 |
| 6,5 | 310 | 250 | 000-03-088 | 12,0* | 310 | 260 | 000-03-103 | 20,0 | 450 | 400 | 000-02-876 |
| 7,0 | 110 | 50 | 000-03-090 | 12,0* | 450 | 400 | 000-03-104 | 22,0 | 250 | 200 | 000-02-877 |
| 7,0 | 160 | 100 | 000-03-091 | 12,0* | 600 | 550 | 000-03-105 | 22,0 | 450 | 400 | 000-02-878 |
| 8,0 | 110 | 50 | 000-03-092 | 12,0* | 1.000 | 950 | 000-03-087 | 24,0 | 250 | 200 | 000-03-120 |
| 8,0 | 160 | 100 | 000-03-093 | 14,0 | 160 | 110 | 000-03-106 | 24,0 | 450 | 400 | 000-03-121 |
| 8,0 | 210 | 150 | 000-03-094 | 14,0 | 210 | 160 | 000-03-107 | 25,0 | 250 | 200 | 000-03-122 |
| 8,0 | 260 | 200 | 000-02-858 | 14,0 | 260 | 210 | 000-03-108 | 25,0 | 450 | 400 | 000-03-123 |
| 8,0 | 310 | 250 | 000-02-859 | 14,0* | 310 | 260 | 000-03-109 | 28,0 | 250 | 200 | 000-03-124 |
| 8,0 | 360 | 300 | 000-02-860 | 14,0* | 450 | 400 | 000-03-110 | 28,0 | 450 | 400 | 000-03-125 |
| 8,0 | 460 | 400 | 000-02-861 | 14,0* | 600 | 550 | 000-03-111 | 30,0 | 250 | 200 | 000-03-126 |
| 8,0 | 610 | 550 | 000-02-862 | 14,0 | 1.000 | 950 | 000-02-869 | 30,0 | 450 | 400 | 000-03-127 |
| 10,0 | 110 | 50 | 000-03-095 | 15,0 | 160 | 110 | 000-03-112 | 32,0 | 450 | 400 | 000-03-128 |

*DESOL goods in stock - dispatch possible within 24 hours

Short delivery times 5 - 7 working days

Technical details: 4-cutting edges SDS-MAX holder shaft

WITH ITS 5 CRUSHERS, THE ROCKET 5 IS THE PERFECT DRILL FOR WORKING ON REINFORCED CONCRETE

- Exact concentricity: Perfect drill holes for precise and easy insertion of packers
- Durability: Fast and continuous work without loss of time
- Safety: The wear mark ensures that the injection packer fits perfectly into the hole

QUALITY

- Made of high-quality tempering steel especially selected for the toughest applications
- The PGM-Certification guarantees accurate dowel holes and precise concentricity



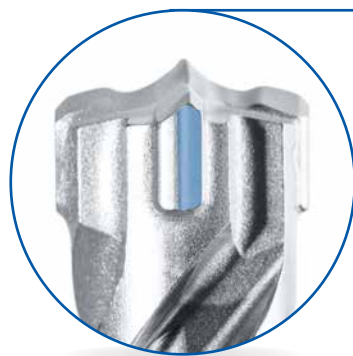
5 CRUSHER

- 5 Crushers create with impact and torsion precise holes in concrete and reinforcement
- Specially developed cutting symmetry with five crushers equally high, in 90° angle arranged cutting edges
- Demolition effect for highly effective destruction of the material
- Perfect concentricity

POWERFUL

- Head geometry prevents snagging in the reinforcement and protects against injuries

SAFETY



REINFORCEMENT PROTECTION AND WEAR MARKS

- Carbide plate with radially shaped protection against reinforcement prevents jamming when drilling reinforced concrete
- Wear marks show, whether the tool is still suitable to drill dowel compatible holes
- Short transition from head to flute ensures fast removal of the drilling dust

PRECISE

CENTERING POINT

- Robuste einteilige Hartmetall-Platte (bis Ø 28 mm; ab Ø 3 mm dreiteilig) mit Zentrierspitze
- Accurate drilling without slipping off the material
- Ensures long tool lifetime even in extreme applications

DURABLE

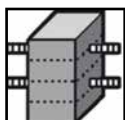
GEOMETRY

- 4-flute geometry
- Very long lifetime due to evenly spread wear
- Smooth running and optimal guidance in the drill hole
- Low vibration for protection of people and machine

SDS-MAX



RANGE OF APPLICATION



Reinforced concrete



Concrete



Masonry



Natural stone

CHARACTERISTICS



Durable



Precise

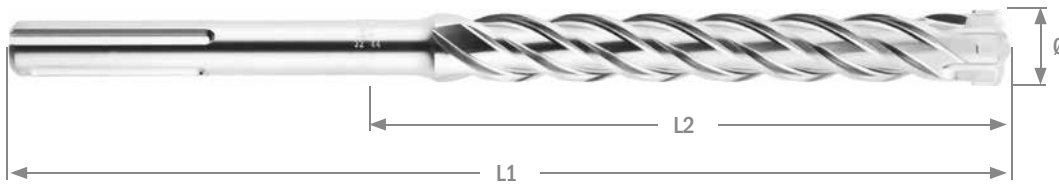
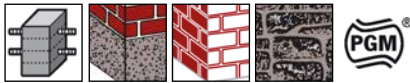


Powerful



Low vibration

Hammer drill 4-cutting edges SDS-MAX holder shaft



| Ø [mm] | L1 | L2 | Nr. | Ø [mm] | L1 | L2 | Nr. | Ø [mm] | L1 | L2 | Nr. |
|--------|-------|-------|------------|--------|-------|-------|------------|--------|-------|-------|------------|
| 12,0 | 340 | 200 | 000-02-953 | 22,0* | 920 | 800 | 000-02-963 | 32,0 | 2.000 | 1.880 | 000-02-892 |
| 12,0 | 540 | 400 | 000-02-879 | 22,0* | 1.320 | 1.200 | 000-03-076 | 35,0 | 370 | 250 | 000-02-893 |
| 12,0 | 740 | 600 | 000-02-880 | 22,0 | 2.000 | 1.880 | 000-02-889 | 35,0 | 570 | 450 | 000-02-894 |
| 14,0 | 340 | 200 | 000-02-881 | 24,0* | 320 | 200 | 000-02-964 | 35,0 | 670 | 550 | 000-02-895 |
| 14,0 | 540 | 400 | 000-02-882 | 24,0* | 520 | 400 | 000-02-965 | 35,0 | 920 | 800 | 000-02-896 |
| 15,0 | 340 | 200 | 000-02-954 | 25,0* | 320 | 200 | 000-03-009 | 35,0 | 2.000 | 1.880 | 000-02-897 |
| 16,0 | 340 | 200 | 000-02-883 | 25,0* | 520 | 400 | 000-03-010 | 37,0 | 370 | 250 | 000-03-024 |
| 16,0 | 540 | 400 | 000-02-884 | 25,0* | 920 | 800 | 000-03-011 | 37,0 | 570 | 450 | 000-03-073 |
| 16,0 | 940 | 800 | 000-02-885 | 25,0* | 1.320 | 1.200 | 000-03-077 | 37,0 | 920 | 800 | 000-03-074 |
| 16,0 | 1.320 | 1.180 | 000-02-886 | 25,0 | 2.000 | 1.880 | 000-02-890 | 38,0 | 370 | 250 | 000-02-898 |
| 18,0* | 340 | 200 | 000-02-955 | 26,0 | 520 | 400 | 000-03-012 | 38,0 | 570 | 450 | 000-02-899 |
| 18,0* | 540 | 400 | 000-02-956 | 28,0* | 370 | 250 | 000-03-013 | 40,0 | 370 | 250 | 000-02-900 |
| 18,0* | 940 | 800 | 000-02-957 | 28,0* | 570 | 450 | 000-03-014 | 40,0 | 570 | 450 | 000-02-901 |
| 18,0 | 1.320 | 1.180 | 000-02-887 | 28,0* | 670 | 550 | 000-03-015 | 40,0 | 920 | 800 | 000-02-902 |
| 20,0* | 320 | 200 | 000-02-958 | 28,0 | 920 | 800 | 000-02-891 | 40,0 | 1.320 | 1.200 | 000-02-903 |
| 20,0* | 520 | 400 | 000-02-959 | 30,0* | 370 | 250 | 000-03-016 | 40,0 | 2.000 | 1.880 | 000-02-904 |
| 20,0* | 920 | 800 | 000-02-960 | 30,0* | 570 | 450 | 000-03-018 | 45,0 | 570 | 450 | 000-02-905 |
| 20,0* | 1.320 | 1.200 | 000-03-075 | 32,0* | 370 | 250 | 000-03-021 | 45,0 | 920 | 800 | 000-02-906 |
| 20,0 | 2.000 | 1.880 | 000-02-888 | 32,0* | 570 | 450 | 000-03-022 | 52,0 | 570 | 450 | 000-02-907 |
| 22,0* | 320 | 200 | 000-02-961 | 32,0* | 920 | 800 | 000-03-023 | | | | |
| 22,0* | 520 | 400 | 000-02-962 | 32,0* | 1.320 | 1.200 | 000-03-078 | | | | |

*DESOL goods in stock - dispatch possible within 24 hours

Short delivery times 5 - 7 working days

DESOI®

Hersteller von Injektionstechnik
Manufacturer of Injection Equipment

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