



西安禾盛达机械设备有限公司
Xi'an HSender Mechanical Equipment Co.,Ltd

Drilling tool TAPERED BITS

Excellent rock drilling equipment supplier



Tapered Rod Bits: 7 ° Tapered bits



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	36	1 ⁷ / ₁₆	1*8	3*9	1	1	0.33
Conical	38	1 ¹ / ₂	1*8	3*9	1	1	0.33
Conical	40	1 ⁹ / ₁₆	1*9	3*9	1	1	0.40
Conical	42	1 ¹¹ / ₁₆	1*9	3*9	1	1	0.42



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	36	1 ⁷ / ₁₆	2*7	3*9	1	1	0.35
Conical	38	1 ¹ / ₂	2*7	3*9	1	1	0.33
Conical	41	1 ⁵ / ₈	2*8	3*9	2	1	0.46



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	36	1 ⁵ / ₈	2*7	4*8	2	1	0.36
Conical	40	1 ⁵ / ₈	2*7	4*8	2	1	0.41



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	36	1 ⁷ / ₁₆	2*7	5*8	1	1	0.38
Conical	38	1 ¹ / ₂	2*8	5*8	1	1	0.38
Conical	41	1 ⁵ / ₈	2*8	5*8	2	1	0.45

Tapered Rod Bits: 11 ° Tapered bits



Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gauge	front	gauge	
Conical	32	1 ¹ / ₄	1*8	3*8	1	1	0.32
Conical	34	1 ³ / ₈	1*8	3*8	1	1	0.30
Conical	36	1 ⁷ / ₁₆	1*8	3*9	1	1	0.32
Conical	38	1 ¹ / ₂	1*8	3*9	1	1	0.32
Conical	40	1 ⁹ / ₁₆	1*9	3*9	1	1	0.39
Conical	42	1 ¹¹ / ₁₆	1*9	3*9	1	1	0.41

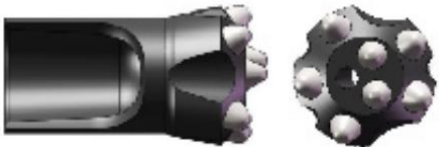


Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gauge	front	gauge	
Conical	28	1 ¹ / ₈	1*7	4*7	1	1	0.21
Conical	32	1 ¹ / ₄	1*7	4*7	1	1	0.27
Conical	32	1 ¹ / ₄	2*7	3*8	1	1	0.25
Conical	34	1 ³ / ₈	2*7	3*8	1	1	0.32
Conical	36	1 ⁷ / ₁₆	2*7	3*9	1	1	0.34
Conical	38	1 ¹ / ₂	2*7	3*9	1	1	0.32
Conical	40	1 ⁹ / ₁₆	1*8	4*8	2	1	0.40
Conical	41	1 ⁵ / ₈	2*8	3*9	2	1	0.45

Tapered Rod Bits: 11 ° Tapered bits



Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gauge	front	gauge	
Conical	32	1 ¹ / ₄	2*7	4*7	1	1	0.25
Conical	34	1 ³ / ₈	2*7	4*8	2	1	0.35
Conical	36	1 ⁷ / ₁₆	2*7	4*8	2	1	0.35



Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gauge	front	gauge	
Conical	32	1 ¹ / ₄	2*7	5*7	2	1	0.28
Conical	35	1 ³ / ₈	2*7	5*7	2	1	0.33
Conical	36	1 ⁷ / ₁₆	2*7	5*8	2	1	0.37
Conical	38	1 ¹ / ₂	2*8	5*8	1	1	0.37
Conical	41	1 ⁵ / ₈	2*8	5*8	2	1	0.44

Tapered Rod Bits: 12 ° Tapered bits



Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gauge	front	gauge	
Conical	32	1 ¹ / ₄	1*8	3*8	1	1	0.32
Conical	34	1 ³ / ₈	1*8	3*8	1	1	0.30
Conical	36	1 ⁷ / ₁₆	1*8	3*9	1	1	0.32
Conical	38	1 ¹ / ₂	1*8	3*9	1	1	0.32
Conical	40	1 ⁹ / ₁₆	1*9	3*9	1	1	0.39
Conical	42	1 ¹ / ₄	1*9	3*9	1	1	0.41

Tapered Rod Bits: 12 ° Tapered bits



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	28	1 ¹ / ₈	1*7	4*7	1	1	0.21
Conical	32	1 ¹ / ₄	1*7	4*8	1	1	0.27
Conical	32	1 ¹ / ₄	2*7	3*8	2	1	0.25
Conical	34	1 ³ / ₈	2*7	3*8	2	1	0.32
Conical	36	1 ⁷ / ₁₆	1*8	3*9	1	1	0.32
Conical	38	1 ¹ / ₂	2*7	3*9	1	1	0.32
Conica	40	1 ⁹ / ₁₆	1*8	4*8	2	1	0.40
Conical	41	1 ⁵ / ₈	2*8	3*9	2	1	0.45



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	32	1 ¹ / ₄	2*7	4*7	1	1	0.25
Conical	34	1 ³ / ₈	2*7	4*8	2	1	0.35
Conical	36	1 ⁷ / ₁₆	2*7	4*8	2	1	0.35



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
Conical	32	1 ¹ / ₄	2*7	5*7	2	1	0.28
Conical	35	1 ³ / ₈	2*7	5*7	2	1	0.33
Conical	36	1 ⁷ / ₁₆	2*7	5*8	2	1	0.37
Conical	38	1 ¹ / ₂	2*8	5*8	1	1	0.37
Conical	41	1 ⁵ / ₈	2*8	3*9	2	1	0.45

Threaded connection drill bits: R25



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	35	1 ³ / ₈	2*7	5*8	1	2	0.40
hemispherical	38	1 ¹ / ₂	2*8	5*8	1	2	0.50
hemispherical	38	1 ¹ / ₂	2*7	5*9	1	2	0.60
hemispherical	41	1 ⁵ / ₈	2*8	5*9	1	1	0.50
hemispherical	43	1 ¹¹ / ₁₆	2*9	5*9	1	2	0.60
hemispherical	45	1 ³ / ₄	2*9	5*9	1	1	0.60
hemispherical	48	1 ⁷ / ₈	2*9	5*10	1	2	0.70
hemispherical	51	2	2*10	5*10	1	2	1.10
hemispherical	57	2 ¹ / ₄	2*10	5*12	1	2	1.30

Threaded Easy Return Bits: R25



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	45	1 ³ / ₄	3*8	6*9	3	1	0.90
hemispherical	48	1 ⁷ / ₈	3*9	6*10	3	1	1.30
hemispherical	51	2	3*9	6*10	3	1	1.40
hemispherical	57	2 ¹ / ₄	3*10	6*10	3	0	1.60

Threaded connection drill bits: R28(1¹/₈")

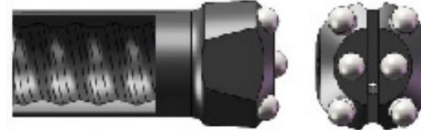


Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	38	1 ¹ / ₂	2*8	4*9	1	2	0.50
hemispherical	43	1 ¹¹ / ₁₆	2*9	4*9	1	1	0.60
hemispherical	45	1 ³ / ₄	2*9	4*10	2	1	0.70

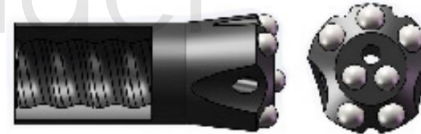


Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	3	3*10	12*11	0	3	2.20
hemispherical	89	3 ¹ / ₂	2*11 1*10	12*11	0	3	3.00

Threaded connection drill bits: R32(1¹/₄")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	41	1 ⁵ / ₈	2*8	4*9	1	2	0.48
hemispherical	43	1 ¹¹ / ₁₆	2*9	4*9	0	2	0.55
hemispherical	45	1 ³ / ₄	2*9	4*11	1	2	0.60



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	41	1 ⁵ / ₈	2*8	5*9	1	1	0.50
hemispherical	43	1 ¹¹ / ₁₆	2*8	5*10	1	1	0.60
hemispherical	45	1 ³ / ₄	2*9	5*11	1	2	0.80
hemispherical	48	1 ¹¹ / ₁₆	2*10	5*11	1	2	0.90
hemispherical	51	2	2*10	5*11	1	2	1.10

Threaded connection drill bits: R32(1¹/₄")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	43	1 ¹¹ / ₁₆	3*8	6*9	3	1	0.61
hemispherical	45	1 ³ / ₄	3*8	6*9	3	1	0.70
hemispherical	45	1 ³ / ₄	3*8	6*10	3	1	0.70
hemispherical	48	1 ⁷ / ₈	3*9	6*10	3	1	0.91
hemispherical	51	2	3*9	6*10	3	1	1.10
hemispherical	57	2 ¹ / ₄	3*10	6*11	3	1	1.30
hemispherical	64	2 ¹ / ₂	3*11	6*12	1	2	1.60



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 ¹ / ₂	4*10	8*10	2	2	1.60
hemispherical	76	3	4*11	8*11	2	2	2.80



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 ¹ / ₂	5*9	8*10	2	2	2.70
hemispherical	70	2 ¹ / ₄	5*10	8*10	2	2	3.10
hemispherical	76	3	5*10	8*11	2	2	3.40

Threaded connection drill bits: R32(1 1/4")

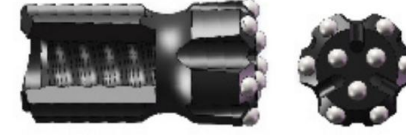


Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	3	7*10	8*10	0	3	2.60
hemispherical	89	3 5/8	4*11 3*10	8*11	0	3	3.00
hemispherical	102	4	4*11 3*10	8*12	0	3	3.50



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	127	5	10*12	8*14	0	2	6.30

Threaded Easy Return Bits: R32 (1 1/4")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	45	1 3/4	3*8	6*9	3	1	1.00
hemispherical	48	1 7/8	3*8	6*10	3	1	1.10
hemispherical	51	2	3*9	6*10	3	1	1.40
hemispherical	57	2 1/4	3*10	6*10	3	1	1.60



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	60	2 3/8	4*9	8*10	2	1	1.70
hemispherical	64	2 1/2	4*10	8*10	2	1	1.90
hemispherical	70	2 3/4	4*10	8*11	2	2	2.20

Threaded connection drill bits: R38(1¹/₂")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 ¹ / ₂	3*11	6*12	3	0	1.60



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	3	4*11	6*12	2	1	1.90



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 ¹ / ₂	4*10	8*10	2	2	1.70
hemispherical	70	2 ³ / ₄	4*10	8*10	2	2	2.20
hemispherical	76	3	4*11	8*12	2	2	2.60
hemispherical	89	3 ¹ / ₂	4*11	8*12	2	2	3.30



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	70	2 ³ / ₄	5*11	8*11	4	0	2.40
hemispherical	76	3	4*11 1*10	8*11	4	1	2.40

Threaded Easy Return Bits: R38(1 1/2 ")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 1/2	4*10	8*10	2	1	1.60
hemispherical	70	2 3/4	4*10	8*10	2	2	2.1
hemispherical	76	3	4*11	8*11	2	2	2.2



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	2 1/2	5*11	8*11	4	1	5.30
hemispherical	89	2 3/4	5*11	8*12	4	1	5.30

Threaded connection drill bits: T38(1 1/2 ")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	57	2 1/2	3*10	6*11	1	2	1.60
hemispherical	64	2 3/4	3*10	6*12	1	1	1.60
hemispherical	76	3	3	6*12	1	2	2.40



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 1/2	4*10	8*10	2	2	1.80
hemispherical	76	3	4*11	8*12	2	2	2.40
hemispherical	76	3	4*12	8*12	2	2	1.30

Threaded connection drill bit: T38(1¹/₂")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	3 ¹ / ₂	3*13 2*9	6*13	3	0	3.40
hemispherical	89	3 ¹ / ₂	3*13 2*9	6*13	3	0	3.30



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	64	2 ¹ / ₂	4*10 1*9	8*10	4	0	1.90
hemispherical	70	2 ¹ / ₂	4*10 1*9	8*10	4	1	2.40
hemispherical	76	3	5*11	8*11	4	1	3.30
hemispherical	89	3 ¹ / ₂	4*12 2*10	8*12	4	1	4.90



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	2 ¹ / ₂	6*11 1*10	8*11	0	3	2.90
hemispherical	102	4	6*11 1*10	8*12	0	3	3.50
hemispherical	127	5	10*10	8*14	0	3	6.30
hemispherical	127	5	10*10	8*14	0	3	6.20

Threaded connection drill bit: T45(1³/₄")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	70	2 ³ / ₄	4*10	8*11	2	2	2.50
hemispherical	76	3	4*11	8*12	2	2	2.50
hemispherical	89	3 ³ / ₄	5*12	7*13	3	1	4.60

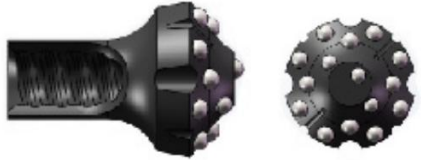


Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	3	5*12	8*12	2	2	2.60
hemispherical	89	3 ¹ / ₂	5*12	8*13	2	2	4.50
hemispherical	70	2 ¹ / ₂	4*11 1*9	8*11	4	1	2.50
hemispherical	76	3	5*11	8*11	4	1	2.70



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	3 ³ / ₄	6*12	8*14	2	2	4.70
hemispherical	102	4	6*14	8*14	2	0	5.00
hemispherical	89	3 ¹ / ₂	4*12 2*10	8*12	4	0	4.70
hemispherical	89	3 ¹ / ₂	4*12 2*10	8*12	4	1	4.70
hemispherical	102	4	4*12 2*10	8*12	4	0	4.90
hemispherical	102	4	4*12 2*10	8*13	4	1	4.90

Threaded connection drill bit: T45(1³/₄")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	102	4	7*12	8*12	0	3	6.70
hemispherical	127	5	10*12	8*14	0	3	7.60

Threaded Easy Return Bits T45(1³/₄")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	70	2 ³ / ₄	4*10	8*10	2	2	2.50
hemispherical	76	3	5*11	8*11	2	2	3.10
hemispherical	89	3 ¹ / ₂	6*12	8*12	2	2	5.10
hemispherical	89	3 ¹ / ₂	6*12	8*13	2	2	5.30
hemispherical	102	4	7*12	8*14	2	1	8.30
hemispherical	70	2 ³ / ₄	4*10 1*9	8*10	4	1	2.20
hemispherical	76	3	5*11	8*11	4	1	3.20
hemispherical	89	3 ¹ / ₂	4*11 2*10	8*12	4	1	5.50
hemispherical	102	4	4*12 4*10	8*12	4	0	6.70
hemispherical	115	4 ¹ / ₂	8*13	9*14	3	1	8.00

Threaded connection drill bits: T51(2")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	76	3	5*11	8*11	2	2	3.10



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	3 1/2	6*12	8*14	2	2	5.00
hemispherical	102	4	6*14	8*14	2	0	5.90
hemispherical	102	4	6*14	8*16	2	0	6.00
hemispherical	115	4 1/2	6*14	8*16	2	0	6.90



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	3 1/2	6*10	9*12	3	0	4.70



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	102	4	7*12	9*14	3	0	5.90
hemispherical	115	4 1/2	7*14	9*14	3	0	6.80
hemispherical	89	3 1/2	7*11	9*12	3	0	4.60
hemispherical	102	4	7*12	9*14	3	0	5.80
hemispherical	115	4 1/2	6*13 1*12	9*14	3	0	6.90

Threaded Easy Return Bits T51 (2")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	89	3 3/4	6*12	8*13	2	0	5.10
hemispherical	102	4	6*12	8*14	2	0	7.30
hemispherical	115	4 1/2	6*14	8*14	2	0	9.70
hemispherical	127	5	8*14	8*16	2	0	12.50
hemispherical	89	3 1/2	3*11 2*10	9*11	3	1	4.80
hemispherical	102	4	3*12 3*11	9*12	3	1	6.90
hemispherical	115	4 1/2	6*12 2*11	9*14	3	0	10.30
hemispherical	127	5	6*13 2*12	9*14	3	0	12.10

Threaded connection drill bits: T60 (2 3/16")



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	102	4	6*14	8*14	2	0	9.30
hemispherical	115	4 1/2	6*14	8*16	2	0	9.90
hemispherical	127	5	8*14	8*16	2	0	10.40
hemispherical	102	4	3*14 2*12	9*14	3	0	8.90



Shape	Diameter		Button		Flushing hole		Weight
	mm	inch	front	gauge	front	gauge	kg
hemispherical	115	4 1/2	6*14 3*12	9*16	3	0	9.40
hemispherical	127	5	6*14 3*12	9*16	3	0	10.50

Threaded Easy Return Bits: T60 ($2\frac{3}{16}$ ")



Shape	Diameter		Button		Flushing hole		Weight kg
	mm	inch	front	gaug e	front	gauge	
hemispherical	110	4 ³ / ₈	6*14 2*12	9*16	3	0	10.40
hemispherical	115	4 ¹ / ₂	6*14 2*13	9*16	3	0	11.20
hemispherical	127	5	8*14	9*16	3	0	14.50

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