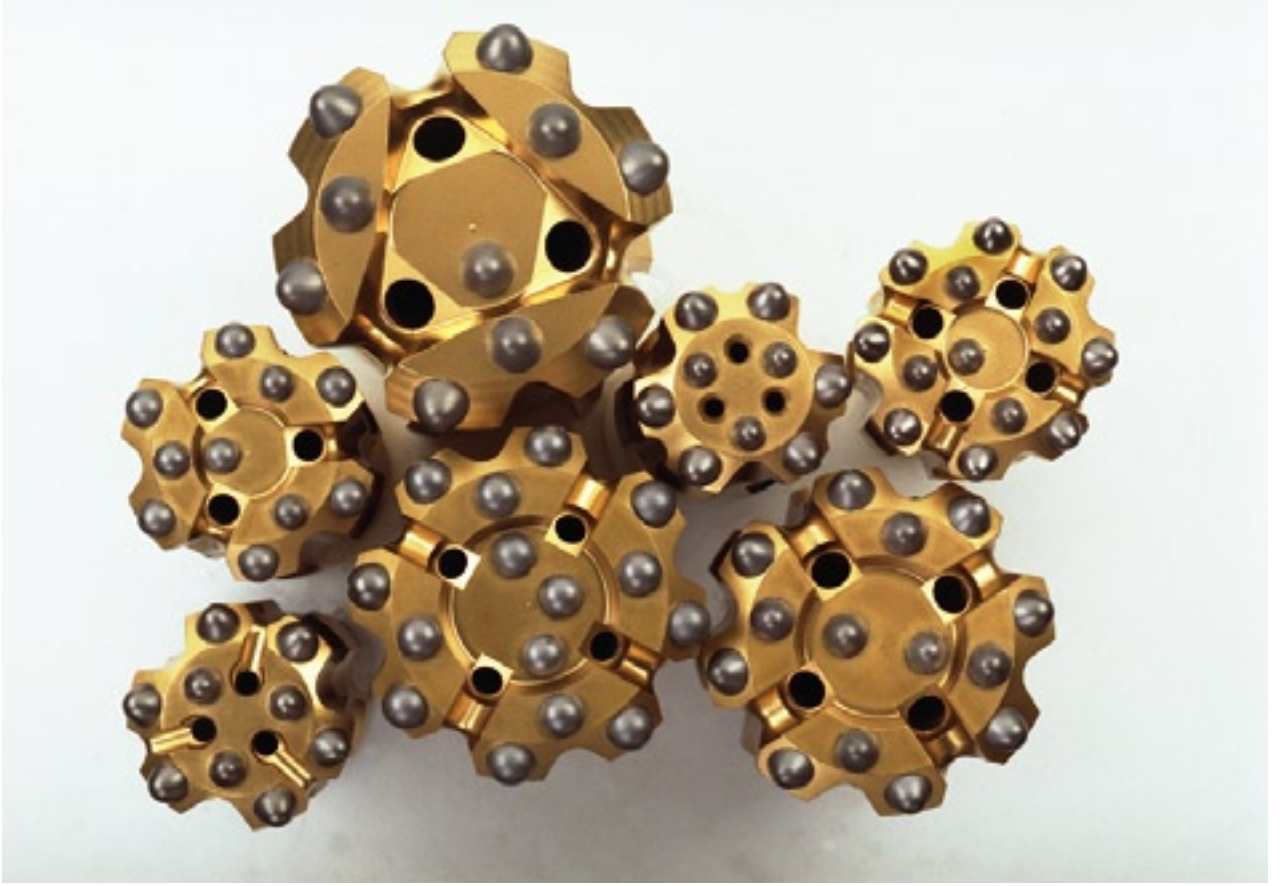


# ROCK DRILLING TOOLS



**CAPP BLACK LABEL BITS**



# CAPP Black Label bits

S  
T  
N  
E  
T  
N  
O  
G

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# CAPP Black Label bits

## Code information

### Bit classification code

<b>H</b>	Very hard to hard rock	≥ 2500 bar (250 MPa)
<b>M</b>	Medium hard rock	1500-2500 bar (150-250 MPa)
<b>S</b>	Soft rock	< 1500 bar (150 MPa)

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<b>C</b>	Homogeneous (competent) rock
<b>F</b>	Fissured rock

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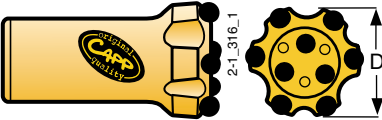
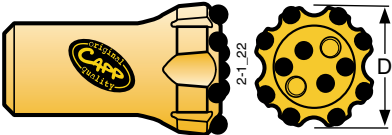
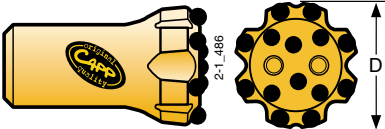
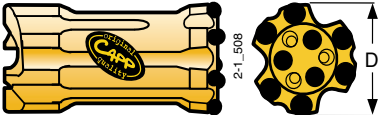
<b>V</b>	Very abrasive rock	≥ 40% silica
<b>A</b>	Abrasive rock	20-40% silica
<b>N</b>	Non-abrasive rock	0-20% silica

### Third figure group

Button bits, cemented carbide grade MP 45, with Super-spherical buttons.....	xxxx-xxxx-S45
Button bits, cemented carbide grade DP 55, with Robust ballistic buttons .....	xxxx-xxxx-R55

# CAPP Black Label bits

## R32 (1 1/4")

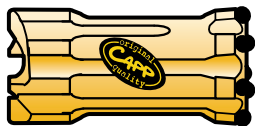
	Flushinghole, mm		Buttons, mm			Dimensions		Bit classification	Part No.
	Front	Gauge	Front	Gauge	Angle	D	mm in		
	No Size	No Size	No Size	No Size					
<b>Button bit</b>									
	3x6	—	3x9	6x10	35°	51	2"	HMCVA	7733-5351-S45
	3x6	—	3x9	6x10	35°	51	2"	MSCAN	7733-5351-R45
	3x6	—	3x10	6x11	35°	57	2 1/4"	HMCVA	7733-5357C-S45
<b>Button bit</b>									
	2x9.0	—	4x10	8x10	30°	64	2 1/2"	HMCVA	7733-2664-S45
<b>Button bit</b>									
	1) 2x9	—	6x10	8x11	35°	76	3"	HMCVA	7733-2676-S45
	1) For very short holes only.								
<b>Button bit, Retrac</b>									
	3x6	—	3x10	6x11	30°	51	2"	HMCFVA	7733-7851-S45
	3x6	—	3x10	6x11	30°	51	2"	HMCFV	7733-7851-S65
	3x6	—	3x10	6x11	30°	51	2"	MSCFAN	7733-7851-R55
	2x9	—	4x10	8x10	30°	64	2 1/2"	HMCFVA	7733-7864-S45

# CAPP Black Label bits

## T35(1 3/8")

Flushinghole, mm		Buttons, mm			Dimensions		Bit classification	Part No.
Front	Gauge	Front	Gauge	Angle	D			
No Size	No Size	No Size	No Size		mm	in		

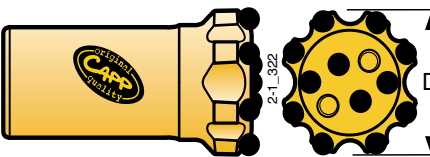
### Button bit, Retrac T35

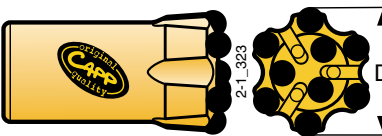


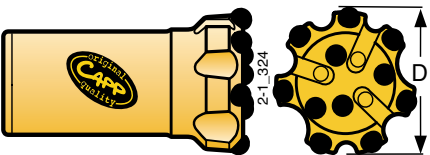
3x6	—	—	9x11	25°	54	2 1/5"	MSCFAN	7517-7854-R55
3x6	—	—	9x11	30°	57	2 1/5"	MSCFAN	7517-7857-R55

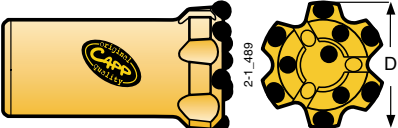
# CAPP Black Label bits


## T38 (1 1/2")


	Flushinghole, mm		Buttons, mm		Angle	Dimensions		Bit classification	Part No.
	Front	Gauge	Front	Gauge		D	mm in		
	2x11	—	4x10	8x10	35°	64	2 1/2"	MSCAN	7514-2664-R55
	2x11	—	4x10	8x10	30°	64	2 1/2"	HMCVA	7514-2664-S45
	2x11	—	6x10	8x10	35°	70	3 3/4"	HMCVA	7514-2670-S45
	3x11	—	6x10	8x11	40°	76	3"	MSCAN	7514-2676-R55
	2x11	—	6x10	8x10	35°	76	3"	HMCVA	7514-2676-S45
	3x10	—	6x10	9x11	35°	89	3 1/2"	HMCVA	7514-2689-S45


Button bit									
	3x7	—	3x11	6x12	30°	64	2 1/2"	HMCVA	7514-3864-S45
	3x7	—	3x11	6x12	30°	64	2 1/2"	HMCVA	7514-3864-S65

Button bit									
	3x9	—	4x11	7x12	35°	76	3"	HMCVA	7514-3876-S45
	3x9	—	4x11	7x12	35°	76	3"	HMCV	7514-3876-S65

Button bit, Drop Center									
	3x8.0	—	4x9	6x10	35°	64	2 1/2"	HMCVA	7514-5964-S45
	3x8.0	—	4x9	6x10	40°	64	2 1/2"	MSCAN	7514-5964-R55
	4x7.0	—	6x10	8x11	30°	76	3"	HMCVA	7514-5976-S45
	4x8.0	—	6x10	8x11	35°	76	3"	MSCAN	7514-5976-R55

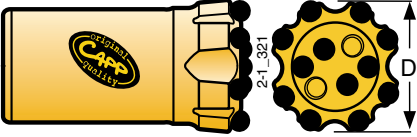
Button bit, Retrac									
	2x11	—	4x10	8x10	30°	64	2 1/2"	HMCFVA	7514-7864-S45
	2x11	—	4x10	8x10	35°	64	2 1/2"	MSCFAN	7514-7864-R55

Button bit, Retrac									
	2x11	—	6x10	8x10	35°	70	2 3/4"	HMCFVA	7514-7870-S45
	2x11	—	6x10	8x11	35°	76	3"	HMCFVA	7514-7876-S45
	2x11	—	6x10	8x11	40°	76	3"	MSCFAN	7514-7876-R55

Button bit, Retrac, Drop Center									
	3x8	—	4x9	6x10	35°	64	2 1/2"	HMCFVA	7514-7964-S45
	3x8	—	4x9	6x10	40°	64	2 1/2"	MSCFAN	7514-7964-B45
	3x8	—	6x10	8x11	35°	76	3"	HMCFVA	7514-7976-S45
	3x8	—	6x10	8x11	35°	76	3"	MSCFAN	7514-7976-B45

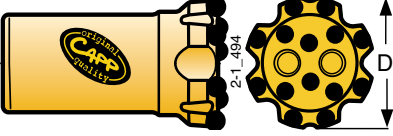
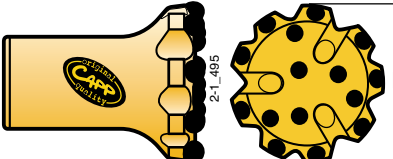
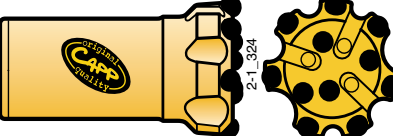
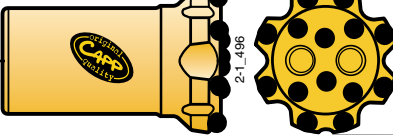

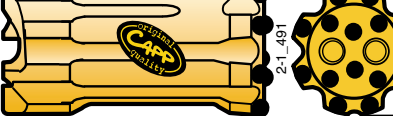
# CAPP Black Label bits

## R38 (1 1/2")

	Flushinghole, mm		Buttons, mm		Angle	Dimensions		Bit classification	Part No.
	Front	Gauge	Front	Gauge		D	mm in		
Button bit	No Size	No Size	No Size	No Size					
	2x11	—	4x10	8x10	30°	64	2 1/2"	HMCVA	7734-2664-S45


# CAPP Black Label bits


## T45 (1 3/4")

		Flushinghole, mm		Buttons, mm		Dimensions		Bit classification	Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size	Angle	D mm	in			
<b>Button bit</b>									
	2x12	—	6x10	8x11	35°	76	3"	HMCVA	7515-2676-S45
	2x12	—	6x10	8x11	40°	76	3"	MSCAN	7515-2676-R55
<b>Button bit</b>									
	3x10	—	6x10	9x11	40°	89	3 1/2"	MSCAN	7515-2689-R55
	3x10	—	6x12	9x12	35°	102	4"	HMCVA	7515-2602-S45
<b>Button bit</b>									
	3x9	—	4x11	7x12	35°	76	3"	HMCVA	7515-3876-S45
	3x9	—	4x11	7x12	35°	76	3"	HMCV	7515-3876-S65
<b>Button bit</b>									
	2x13	—	6x13	8x13	35°	89	3 1/2"	HMCVA	7515-3889-S45
	2x13	—	6x13	8x13	35°	89	3 1/2"	HMCV	7515-3889-S65
<b>Button bit, Drop Center</b>									
	7.0	—	6x10	8x11	30°	76	3"	HMCVA	7515-5976-S45
	8.0	—	6x10	8x11	35°	76	3"	MSCAN	7515-5976-R55
	8.0	—	6x11	8x12	35°	89	3 1/2"	HMCVA	7515-5989-S45
	8.0	—	7x11	8x12	40°	89	3 1/2"	MSCAN	7515-5989-R55
	4x9.0	—	7x12	8x13	35°	102	4"	HMCVA	7515-5902-S45
<b>Button bit, Retrac</b>									
	2x12	—	6x10	8x11	35°	76	3"	HMCFVA	7515-7876-S45
	2x12	—	6x10	8x11	40°	76	3"	MSCFAN	7515-7876-R55

# CAPP Black Label bits


## T45 (1 3/4")

	Flushinghole, mm		Buttons, mm		Angle	Dimensions		Bit classification	Part No.
	Front	Gauge	Front	Gauge		D	in		
<b>Button bit, Retrac</b>									
	3x10	—	6x10	9x11	35°	89	3 1/2"	HMCFVA	7515-7889-S45
	3x10	—	6x10	9x11	40°	89	3 1/2"	MSCFAN	7515-7889-R55
	3x10	—	6x12	9x12	35°	102	4"	HMCFVA	7515-7802-S45

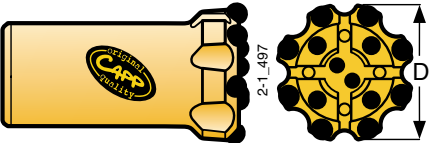
<b>Button bit, Retrac, Drop Center</b>									
	3x10	—	4x10	6x11	40°	70	2 3/4"	MSCFAN	7515-7970-R55
	4x7	—	6x10	8x11	30°	76	3"	HMCFVA	7515-7976-S45
	4x7	—	6x10	8x11	35°	76	3"	MSCFAN	7515-7976-R55
	4x8	—	6x11	8x12	35°	89	3 1/2"	HMCFVA	7515-7989-S45
	4x8	—	7x11	8x12	40°	89	3 1/2"	MSCFAN	7515-7989-R55
	4x9	—	7x12	8x13	40°	102	4"	MSCFAN	7515-7902-R55
	4x9	—	7x12	8x13	35°	102	4"	HMCFVA	7515-7902-S45

# CAPP Black Label bits

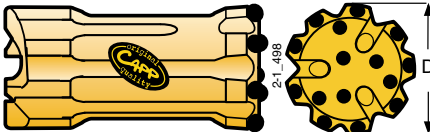
## T51 (2")

	Flushinghole, mm		Buttons, mm		Angle	Dimensions		Bit classification	Part No.
	Front	Gauge	Front	Gauge		D	in		
	No Size	No Size	No Size	No Size		mm			
<b>Button bit</b>									
	3x12	—	6x10	9x11	35°	89	3 1/2"	HMCVA	7516-2689-S45
	3x12	—	6x12	9x12	35°	102	4"	HMCVA	7516-2602-S45
	3x12	—	9x12	9x13	35°	115	4 1/2"	HMCVA	7516-2615-S45
	3x13	—	9x13	9x14	35°	127	5"	HMCVA	7516-2627-S45

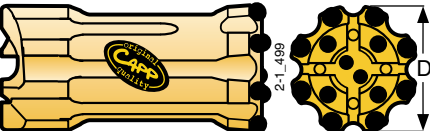
### Button bit, Drop Center

	4x10	—	6x11	8x12	35°	89	3 1/2"	HMCVA	7516-5989-S45
	4x10	—	7x11	8x12	40°	89	3 1/2"	MSCAN	7516-5989-R55
	4x11	—	7x12	8x13	35°	102	4"	HMCVA	7516-5902-S45
	4x11	—	7x12	8x13	40°	102	4"	MSCAN	7516-5902-R55
	4x10	—	7x13	8x14	35°	115	4 1/2"	HMCVA	7516-5915-S45
	4x10	—	7x14	8x14	35°	127	5"	HMCVA	7516-5927-S45

### Button bit, Retrac



	3x12	—	6x10	9x11	35°	89	3 1/2"	HMCFVA	7516-7889-S45
	3x12	—	6x10	9x11	40°	89	3 1/2"	MSCFAN	7516-7889-R55
	3x12	—	6x12	9x12	35°	102	4"	HMCFVA	7516-7802-S45
	3x12	—	9x12	9x13	35°	115	4 1/2"	HMCFVA	7516-7815-S45

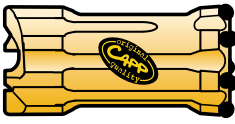

### Button bit, Retrac, Drop Center


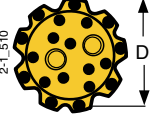
	4x10	—	6x11	8x12	35°	89	3 1/2"	HMCFVA	7516-7989-S45
	4x10	—	7x11	8x12	40°	89	3 1/2"	MSCFAN	7516-7989-R55
	4x11	—	7x12	8x13	35°	102	4"	HMCFVA	7516-7902-S45
	4x11	—	7x12	8x13	40°	102	4"	MSCFAN	7516-7902-R55
	4x10	—	7x13	8x14	35°	115	4 1/2"	HMCFVA	7516-7915-S45
	4x11	—	7x13	8x14	40°	115	4 1/2"	MSCFAN	7516-7915-R55
	4x10	—	7x14	8x14	35°	127	5"	HMCFVA	7516-7927-S45



# CAPP Black Label bits

## Sandvik 60 (ST58)

		Flushinghole, mm		Buttons, mm			Dimensions		Bit classification	Part No.
Front No	Size	Gauge No	Size	Front No	Gauge No	Angle	D mm	in		
<b>Button bit, Drop Center</b>										
		4x11	—	7x12	8x13	35°	102	4"	HMCVA	7518-5902-S45
		4x11	—	7x13	8x14	35°	115	4 1/2"	HMCVA	7518-5915-S45
		4x11	—	7x14	8x14	35°	127	5"	HMCVA	7518-5927-S45

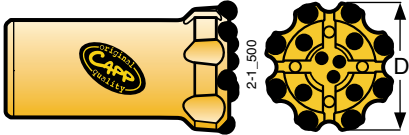



<b>Button bit, Retrac, Drop Center</b>										
		4x11	—	6x12	8x12	35°	92	3 5/8"	HMCFVA	7518-7992-S45
		4x11	—	7x12	8x13	35°	102	4"	HMCFVA	7518-7902-S45
		4x11	—	7x13	8x14	35°	115	4 1/2"	HMCFVA	7518-7915-S45
		4x11	—	7x14	8x14	35°	127	5"	HMCFVA	7518-7927-S45
		4x12	—	8x14	8x16	35°	140	5 1/2"	HMCFVA	7518-7940-S45

<b>Button bit, Retrac, Flat face</b>										
		2x13	—	9x11	9x11	35°	92	3 5/8"	MSCFAN	7518-8892-R55
		2x14	—	9x12	10x12	35°	102	4"	MSCFAN	7518-8802-R55

<b>Button bit, Retrac, Flat face</b>										
		3x13	—	6x14	9x16	35°	127	5"	HMCFVA	7518-8127-S45

# CAPP Black Label bits

## Sandvik GT60 \*

	Flushinghole, mm		Buttons, mm		Angle	Dimensions		Bit classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		D mm	in		
<b>Button bit, Drop Center</b>									
	4x11	—	6x12	8x12	35°	92	3 5/8"	HMCVA	7620-5992-S45
	4x11	—	7x12	8x13	35°	102	4"	HMCVA	7620-5902-S45
	4x11	—	7x13	8x14	35°	115	4 1/2"	HMCVA	7620-5915-S45
	4x11	—	7x14	8x14	35°	127	5"	HMCVA	7620-5927-S55
	4x12	—	4x16+5x13	8x16	35°	140	5 1/2"	HMCVA	7620-5940-S55
	4x12	—	4x16+5x14	8x16	35°	152	6"	HMCVA	7620-5952-S55
<b>Button bit, Retrac, Drop Center</b>									
	4x11	—	7x12	8x13	35°	102	4"	HMCFVA	7620-7902-S45
	4x11	—	7x13	8x14	35°	115	4 1/2"	HMCFVA	7620-7915-S45
	4x11	—	7x14	8x14	35°	127	5"	HMCFVA	7620-7927-S55
	4x12	—	4x16+5x13	8x16	35°	140	5 1/2"	HMCFVA	7620-7940-S55
	4x12	—	4x16+5x14	8x16	35°	152	6"	HMCFVA	7620-7952-S55
<b>Button bit, Retrac, Drop Center</b>									
	3x12	—	3x14+1x12	6x14	35°	92	3 5/8"	MSCFAN	7620-4792-R55
	3x13	—	4x14	6x14	35°	102	4"	MSCFAN	7620-4702-R55
<b>Button bit, Retrac, Flat Face</b>									
	3x13	—	6x13	9x16	35°	118	4 5/8"	HMCFVA	7620-8118-S55

\* US pat. pending



[www.rocktools.sandvik.com](http://www.rocktools.sandvik.com)

AB Sandvik Tamrock Tools  
SE-811 81 Sandviken, Sweden. Tel +46 26 26 20 00 Fax +46 26 26 23 00