

**Bit Type**

Serial No.

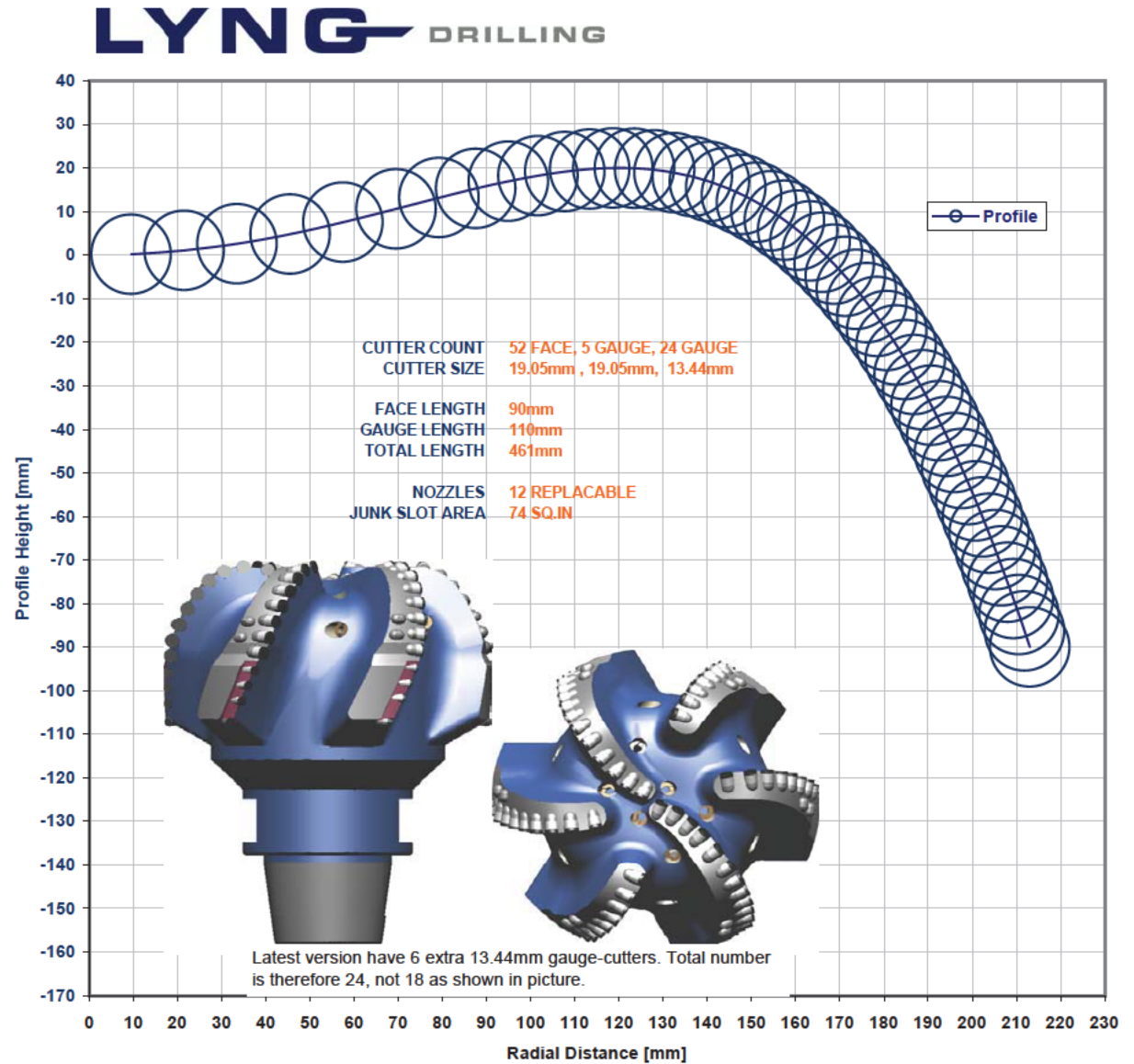
IADC Code

**LD 565RSA - 17 1/2"**

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M323

Cutter Dim	19.05	mm
PDC Thickness	1.7 - 2.0	mm
Backrake, Cutters 1-14	12	deg
Backrake, Cutters 15-52	15	deg
Siderake	15	deg
Rib Count	6	
Junk Slot Area	74	sq.in
Cutter Exposure	0.55	
Nozzle Config.	-	

**BIT PROFILE AND CUTTER DISTRIBUTION**

**Bit Type**

Serial No.

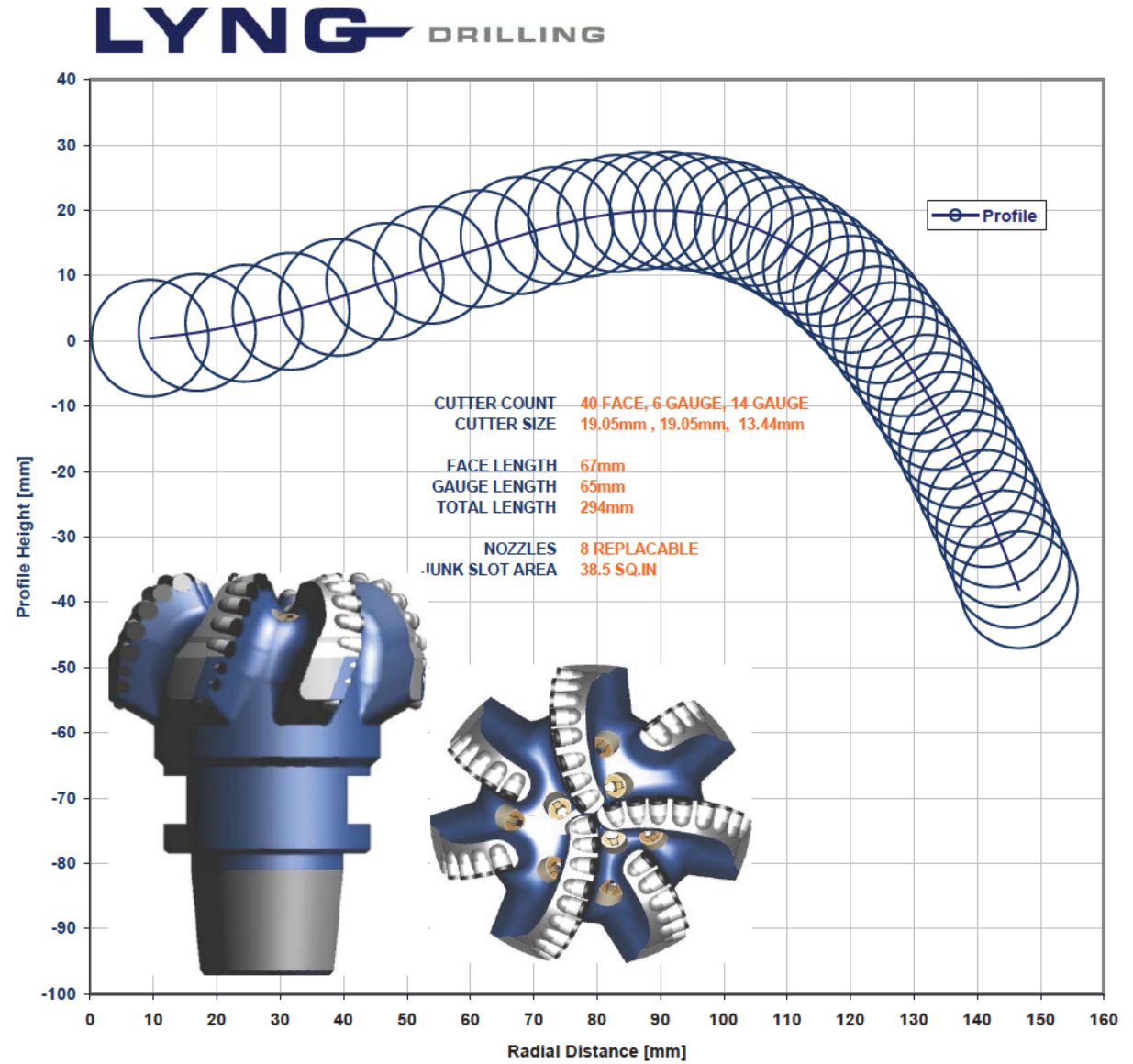
IADC Code

**LD 575RS - 12 1/4"**

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M323

Cutter Dim	19.05	mm
PDC Thickness	3	mm
Backrake	15	deg
Siderake	15	deg
Rib Count	7	
Junk Slot Area	38.5	sq.in
Cutter Exposure	0.55	
Nozzle Config.	-	

**BIT PROFILE AND CUTTER DISTRIBUTION**

# LYNG DRILLING

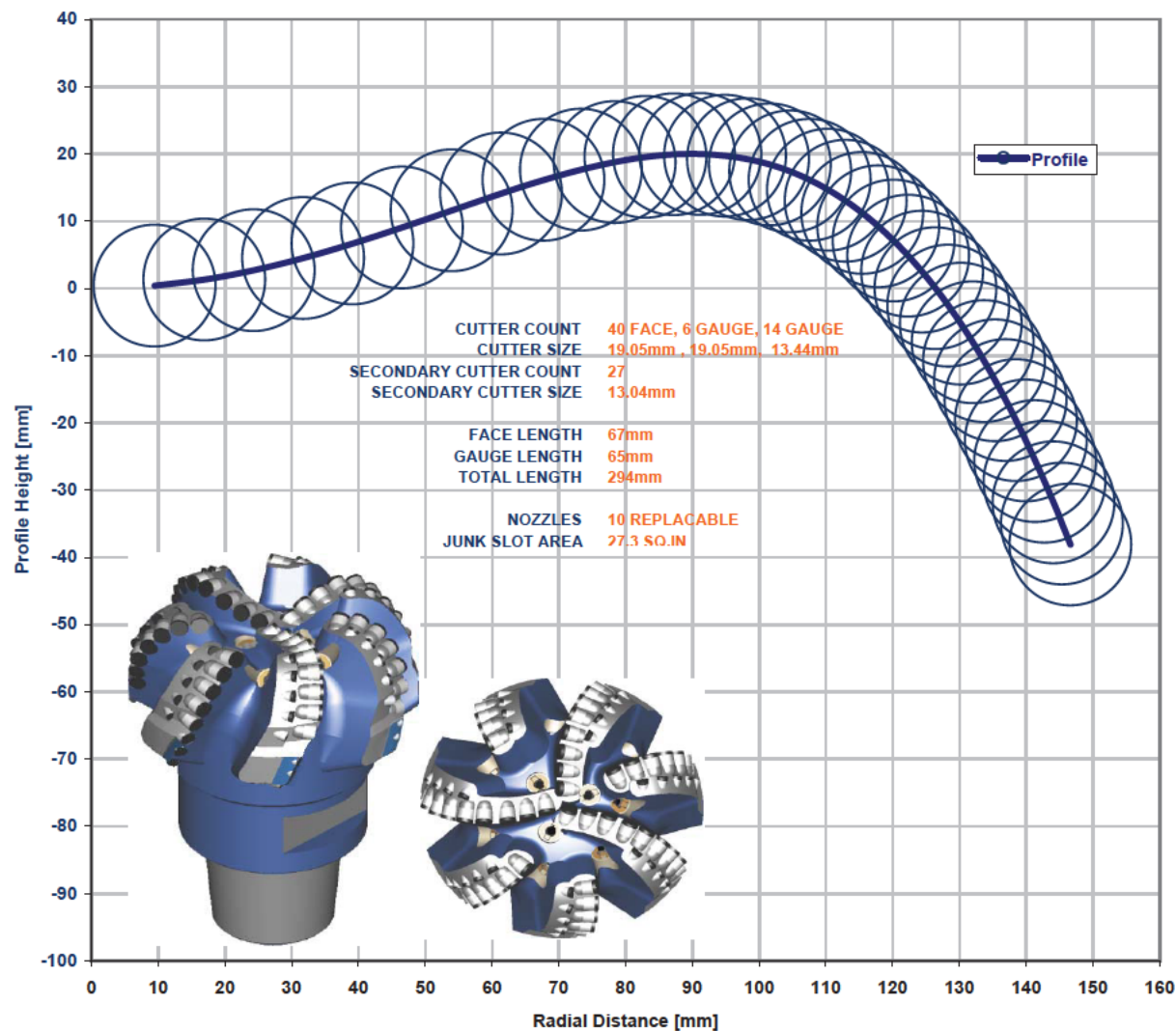
## Bit Type

Serial No.  
IADC Code

LD 575RSX - 12 1/4"

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M323

Cutter Dim	19.05	mm
PDC Thickness	2	mm
Primary Backrake	15	deg
Secondary Backrake	30	deg
Siderake	15	deg
Rib Count	7	
Junk Slot Area	38.5	sq.in
Cutter Exposure	0.55	
Offset Secondary Cutters	1.1	mm
Nozzle Config.	-	



BIT-PROFILE, CUTTER-DISTRIBUTION AND DIAMOND-DENSITY

# LD 575RSX - 12 1/4"

SIZE 12.25 IN / 311.15 MM  
IADC M423  
API PIN CON. 6 5/8" REG.

## SPECIFICATIONS

FACE CUTTERS	67 PDC
GAUGE CUTTERS	26 PDC
GAUGE TRIMMERS	TSP
BACKREAMERS	7 PDC
CUTTER SIZE	19.05 MM and 13.44 MM CYL.
GAUGE PROTECTION	TSP-SEGMENTS
REPLACABLE NOZZLES	8 (8/32" - 20/32")
FIXED NOZZLES	0
JUNK SLOT AREA	38.5 SQ.IN
WEIGHT	177 KG (122 KG NET)
MAKE UP TORQUE	32000 FT-LBS
FACE LENGTH	67 mm
ACTIVE GAUGE	65 mm
PASSIVE GAUGE	0 mm
OVERALL LENGTH	294 mm

## RECOMMENDED PARAMETERS

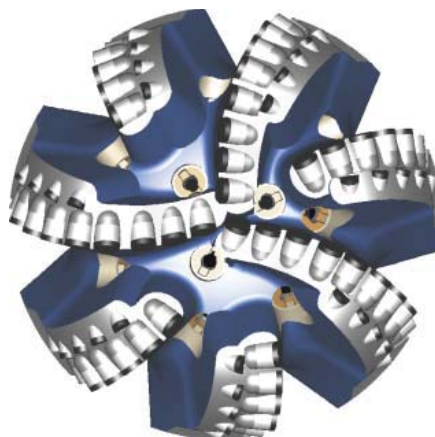
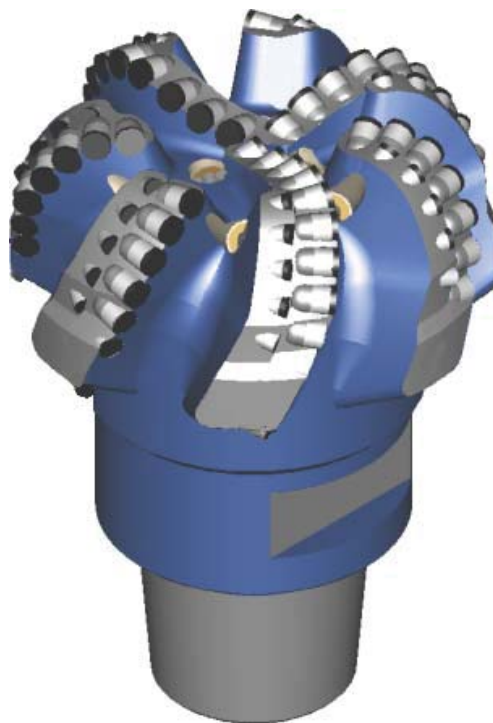
WOB	2-40 KLBS/1-18 T
WOB (MAX)	45 KLBS/20 T
FLOWRATE	700-1200+ GPM / 2600-4500+ L/MIN

## DESCRIPTION

The 12 1/4" LD 575RSX is a drilling bit with a short tapered double coned profile. The bit features a large junk slot area and is heavy set with cylindrical cutters over the face of the bit. The bit is also set with secondary cutters on the cone/taper area. The bit is provided with seven spiraled gauge pads extra heavy set with TSP segments and gauge cutters to give effective side-cutting action.

## APPLICATION

The LD LD 575RSX is designed for use on rotary steerable systems using "push"-technology. The bit is designed for water and oil-based drilling fluids. The bit profile is suited for vertical to horizontal drilling giving excellent directional stability and durability. The bit is intended for drilling harder formations like firm to moderately hard shales, claystones with limestone stringers and sandstones.



**LYNG** DRILLING

e-mail : [drilling@lyng.no](mailto:drilling@lyng.no)  
web : <http://www.lyng.com>

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