

## ROLLER REAMER

### Roller Reamer

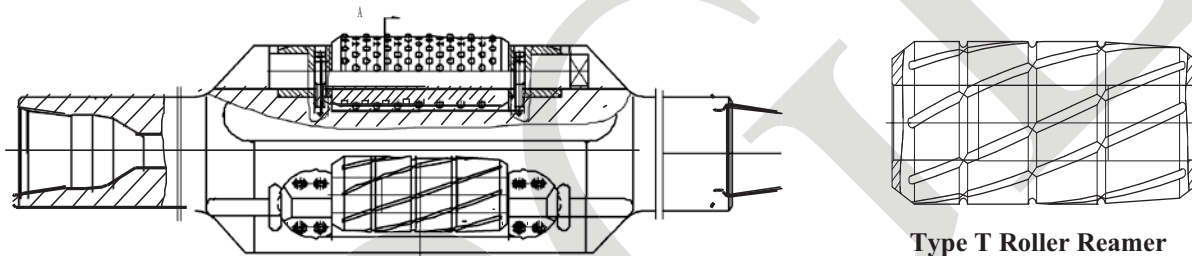
Roller reamer, also called drilling reamer, is very useful tool for drilling operation, especially used for the function of stabilization in drilling of the abrasive formation. PPGL provides roller reamer suitable for well holes range from 4 5/8” to 36”.

**Three types of rollers are available here for reamer body:**

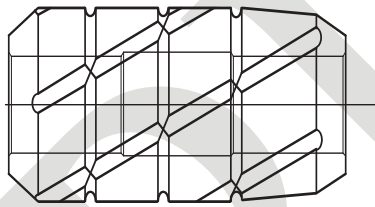
**Type T:** Narrow tooth is machined and surface hardened, which is used for cutting of hole wall, used for soft formation.

**Type F:** Wide flat tooth is machined and surface hardened, which is used for cutting and crushing of hole wall, used for medium hard formation.

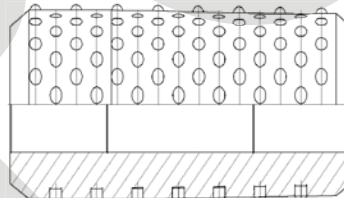
**Type B:** The roller is cold inserted with tungsten carbide string and used for hard formation.



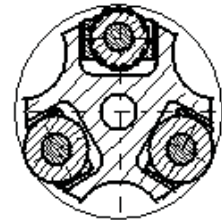
**Type T Roller Reamer**



**Type F Roller Reamer**



**Type B Roller Reamer**



### Technical specification of Roller Reamer

Reamer Type	Hole Size (in)	Thread Type (API)	OD (mm)	ID (mm)	Overall Length (mm)	Ends OD (mm)
PPGL-R155	6-1/8	3-1/2IF	155	31.7	1,400	121
PPGL-R206	8-1/8	4IF	206	38	1,600	159
PPGL-R212	8-3/8	4-1/2IF	212.7	44	1,700	165
PPGL-R215	8-1/2	4-1/2IF	215.9	44	1,700	165
PPGL-R244	9-5/8	NC50	244	57	1,800	178
PPGL-R311	12-1/4	6-5/8REG	311.2	71	1,800	210
PPGL-R444	17-1/2	7-5/8REG	444.5	76	2,100	241.3

<b>PPGL-R660</b>	<b>26</b>	<b>7-5/8REG</b>	<b>660.4</b>	<b>76</b>	<b>2,200</b>	<b>241.3</b>
PPGL-R762	30	7-5/8REG	762	76	2,300	241.3
PPGL-R812	32	7-5/8REG	812	76	2,400	241.3
PPGL-R914	36	7-5/8REG	914	76	2,600	241.3

PPGL