

MNL

Marketing News Letter No. 2019-07

Upgraded TS-REAM Announcement

KEY POINT

TaeguTec's solid carbide ream, TS-REAM, has been upgraded with a new designation.

In order to meet the customers' demand for higher productivity, the existing uncoated solid and topsolid type reamer, **TS-REAM**, is updated with a new design as well as coated cutting edges. The new **TS-REAM** has an internal coolant supply for smooth chip evacuation, especially in high-speed reaming. In addition, the new line comes with the latest coating technology to enhance its tool life. This upgrade will stand out from existing products that enable better reliability and higher productivity.

The new **TS-REAM** is for H7 class holes and is available in a 3 mm to 12 mm diameter range. It has two types of flutes, a straight flute for blind holes and a left-handed flute for machining through holes.

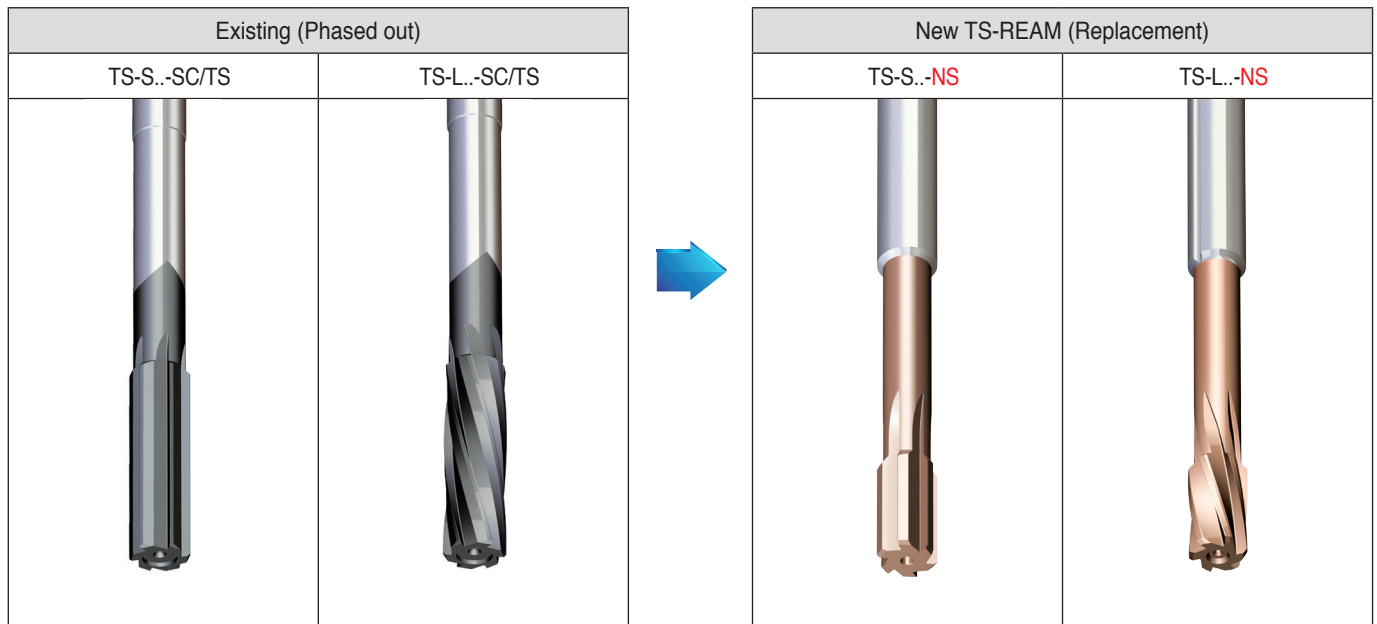
Please note that the existing **TS-REAM** will be available until the current stock runs out. Once the supply is exhausted, it will be supplied as a tailor made item.

For more information, please contact the product manager.

Sincerely,
TaeguTec



Sung Chang-ho
Hole-Making General PM



Features of the New TS-REAM

- **Latest TT5040 PVD coating**
 - Prolong tool life by improved wear resistance
 - Low cutting force
- **Internal coolant channel for higher productivity**
 - Good chip control and smooth evacuation
 - Precision hole tolerance (H7 Class) and good surface roughness



Straight Flute



Left-handed Flute

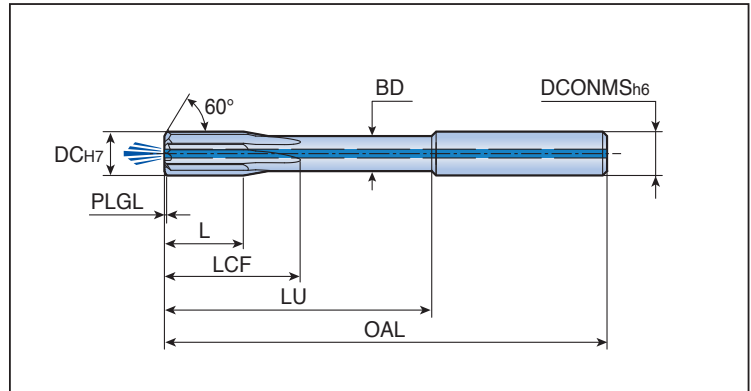
TS-S...-NS



Solid reamers for blind hole



- Straight flute - DIN1420



Designation	Dimension (mm)								NOF	Grade TT5040
	DC	L	PLGL	LCF	BD	LU	OAL	DCONMS		
TS-S0300-NS	3.0	12	0.25	21	2.4	31	60	4.0	4	●
S0400-NS	4.0	12	0.3	17	3.4	40	68	6.0	6	●
S0500-NS	5.0	12	0.3	17	3.8	40	76	6.0	6	●
S0600-NS	6.0	12	0.3	17	4.5	40	76	6.0	6	●
S0700-NS	7.0	15	0.4	20	5.6	65	101	8.0	6	●
S0800-NS	8.0	15	0.4	20	6.4	65	101	8.0	6	●
S0900-NS	9.0	18	0.4	23	7.2	61	101	10.0	6	●
S1000-NS	10.0	18	0.5	23	8.0	61	101	10.0	6	●
S1050-NS	10.5	18	0.5	23	8.4	85	130	12.0	6	●
S1100-NS	11.0	18	0.5	23	8.8	85	130	12.0	6	●
S1150-NS	11.5	18	0.5	23	9.2	85	130	12.0	6	●
S1200-NS	12.0	18	0.5	23	9.6	85	130	12.0	6	●

• Special diameters are available on request ●: Standard items
 • NOF: Number of flute

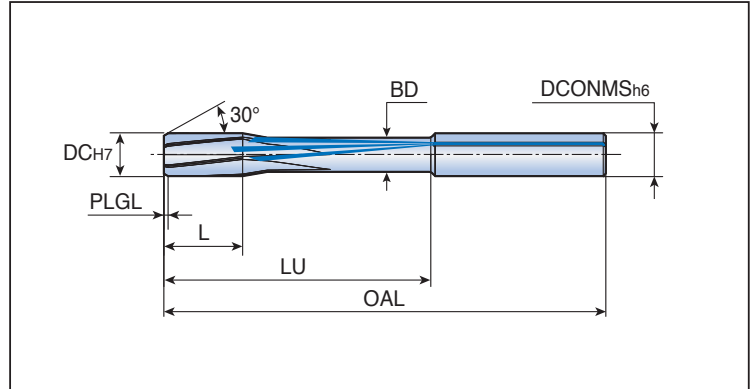
TS-L...-NS



Solid reamers for through hole



- Left-handed spiral flute - DIN1420



Designation	Dimension (mm)							NOF	Grade TT5040
	DC	L	PLGL	BD	LU	OAL	DCONMS		
TS-L0300-NS *	3.0	12	0.7	2.2	31	60	4.0	4	●
L0400-NS	4.0	12	0.7	3.0	40	68	6.0	4	●
L0500-NS	5.0	12	0.9	3.8	40	76	6.0	4	●
L0600-NS	6.0	12	0.9	4.5	40	76	6.0	4	●
L0700-NS	7.0	15	0.9	5.6	65	101	8.0	6	●
L0800-NS	8.0	15	0.9	6.4	65	101	8.0	6	●
L0900-NS	9.0	18	0.95	7.2	61	101	10.0	6	●
L1000-NS	10.0	18	0.95	8.0	61	101	10.0	6	●
L1050-NS	10.5	18	1.05	8.4	85	130	12.0	6	●
L1100-NS	11.0	18	1.05	8.8	85	130	12.0	6	●
L1150-NS	11.5	18	1.05	9.2	85	130	12.0	6	●
L1200-NS	12.0	18	1.05	9.6	85	130	12.0	6	●

• Special diameters are available on request
 • NOF: Number of flute
 • *: Ø3 reamer does not include a coolant hole
 ●: Standard items