

EMUGE NC Spot Drills Promotion

SAVE 10% NOW!

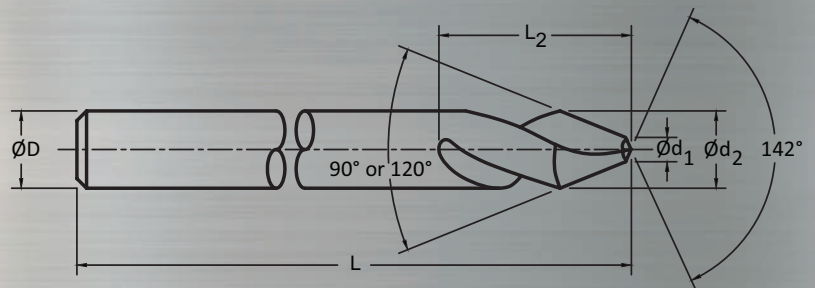
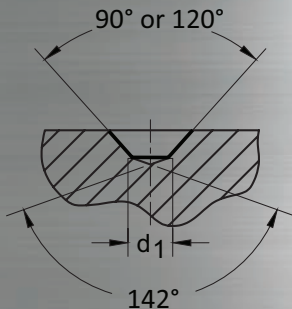
NEW

EMUGE 90° and 120° CARBIDE NC SPOT DRILLS

Typically used to create a center spot for a more accurate, finished hole.

Emuge spot/chamfer drills are designed with a double angle that allows easy drill starts and perfect 90° or 120° chamfer angles. Extensive testing has shown superior cutting action at the tip angle with a 142° angle, which is well suited for a wide range of materials. This double angle eliminates tip breakage that is sometimes associated with 90° or 120° spot drills.

- Double tip angle with short chisel edge reduces axial force requirement
- 142° entry point angle creates better chip flow
- Secondary 90° or 120° angle creates desired chamfer

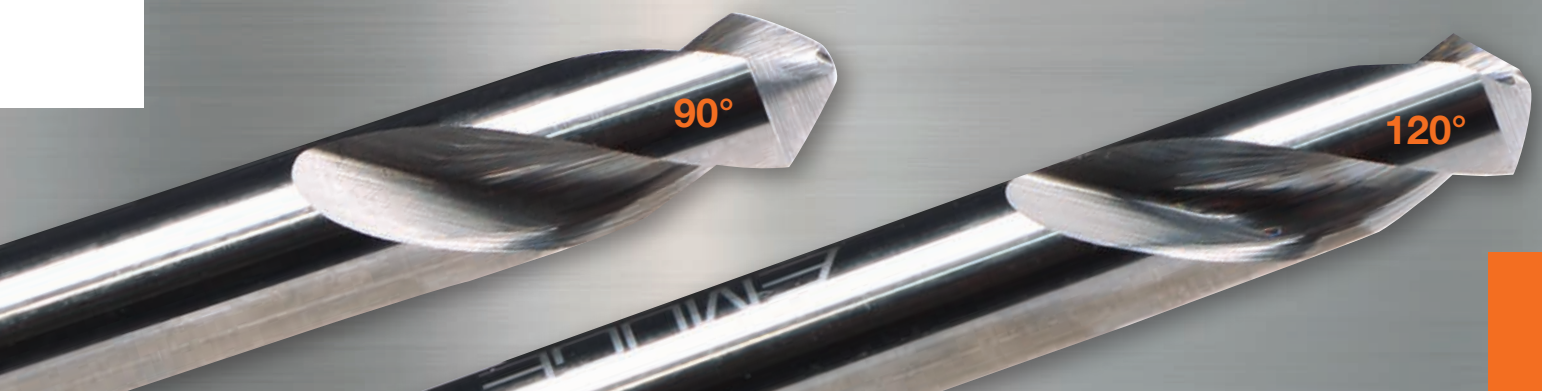


90°/142° NC Spot/Chamfer Drill - Bright Finish

Dia. (d2) (in)	Dia. (d1) (in)	OAL (L) (in)	Flute (L2) (in)	EDP No.	List Price	Sale Price
1/8	0.034	2.00	0.75	EFUT3100.0317	\$25.20	\$22.68
1/4	0.068	2.50	0.75	EFUT3100.0635	\$49.72	\$44.75
3/8	0.101	3.00	1.00	EFUT3100.0952	\$82.29	\$74.06
1/2	0.135	3.00	1.00	EFUT3100.1270	\$142.03	\$127.82
5/8	0.169	4.00	1.25	EFUT3100.1587	\$168.00	\$151.20
3/4	0.203	4.00	1.75	EFUT3100.1905	\$300.00	\$270.00

120°/142° NC Spot/Chamfer Drill - Bright Finish

Dia. (d2) (in)	Dia. (d1) (in)	OAL (L) (in)	Flute (L2) (in)	EDP No.	List Price	Sale Price
1/8	0.029	2.00	0.75	EFUT3200.0317	\$25.20	\$22.68
1/4	0.059	2.50	0.75	EFUT3200.0635	\$49.72	\$44.75
3/8	0.089	3.00	1.00	EFUT3200.0952	\$82.29	\$74.06
1/2	0.118	3.00	1.00	EFUT3200.1270	\$142.03	\$127.82
5/8	0.148	4.00	1.25	EFUT3200.1587	\$168.00	\$151.20
3/4	0.177	4.00	1.75	EFUT3200.1905	\$300.00	\$270.00



EMUGE NC Spot Drills Promotion

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NEW

EMUGE 142° NC SPOT DRILLS

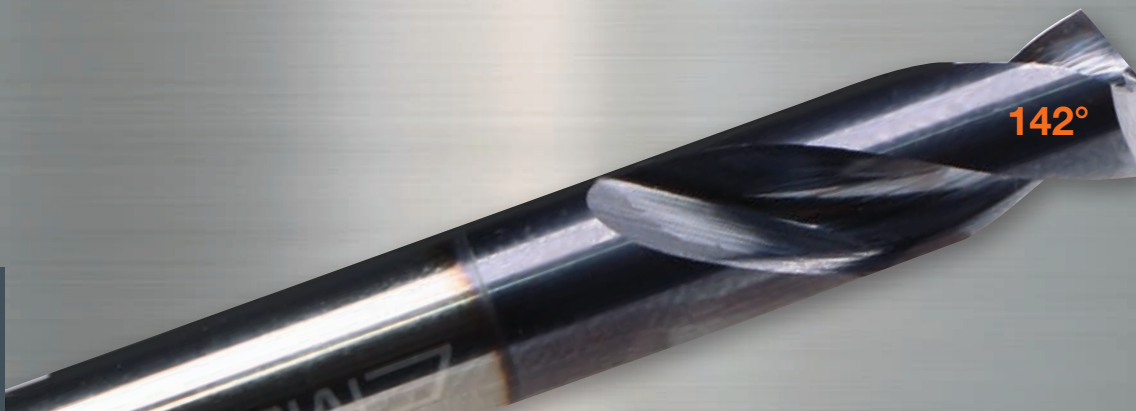
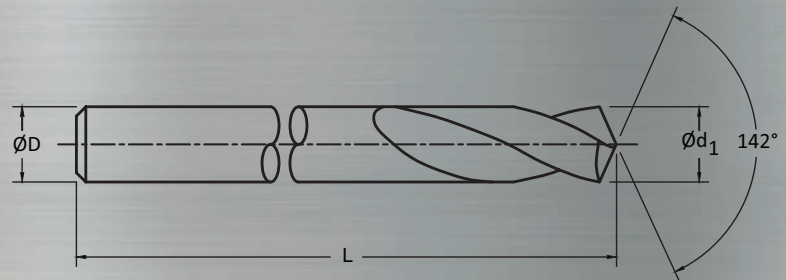
NC spot drills are used to guide the secondary drill for a more accurate finished hole location.

Emuge spot drills are designed to create a precision spot location for a 135° or 140° point angle carbide drill. These tools are TiAlN-T14 coated for additional heat and wear resistance.

- Single angle 142° point design
- Pre-drill for 135° or 140° point carbide drill
- Premium sub-micro grain carbide substrate
- Tightly held point dimension tolerances
- Cylindrical shanks are ground to h6 tolerances
- PVD applied TiAlN-T14 coating for heat and wear resistance

142° NC Spot Drill - TiAlN-T14 Coated

Dia. (in)	OAL (L) (in)	Flute (in)	EDP No.	List Price	Sale Price
1/8	2.00	0.75	EFUT3300.0317	\$27.72	\$24.95
1/4	2.50	0.75	EFUT3300.0635	\$54.69	\$49.22
3/8	3.00	1.00	EFUT3300.0952	\$90.52	\$81.47
1/2	3.00	1.00	EFUT3300.1270	\$156.24	\$140.62
5/8	4.00	1.25	EFUT3300.1587	\$184.80	\$166.32
3/4	4.00	1.75	EFUT3300.1905	\$330.00	\$297.00



Valcarb

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