



Option
 • 3S Balloon Gray (UNO)

Std. Access.
 • 3S Balloon Black (BLACK UNO)

Note
 • SLIMLINE UNO is available for other shank designs and internal bore sizes not listed in this chart. For more information, please contact us.

Caution
 • HSK-E and F shank don't come with a coolant duct and cannot be attached. Consult us if you need it.
 • Setting cutters... Be sure to insert the tool beyond the Safety mark.

BLACK UNO

CODE	φD	φC	t	L	M	L1	φC1	φC2	H	h	Kg	N	S
E25-SLRA3-35 BU	3	7.5	2.25	35	17	8	9.3	18	9	29	0.05	0.37	2.3
-SLRA4-35 BU	4	10	3				11.8		12		0.06	0.38	1.4
-SLSA3.175-35 BU	3.175	6.175	1.5				8		9		0.05	0.37	3.5
E32-SLRA3-50-M22 BU	3	7.5	2.25	50	22	8	9.8	20	9	42	0.14	0.4	2.8
-SLRA4-50-M22 BU	4	10	3				12.3		12		0.15	1.7	
-SLSA3.175-50-M22 BU	3.175	6.175	1.5				8.5		9		0.14	4.4	

UNO

CODE	φD	φC	t	L	M	L1	φC1	φC2	H	h	Kg	N	S		
E25-SLRA3-35 U	3	7.5	2.25	35	17	8	9.3	18	9	29	0.05	0.37	2.3		
-SLRA4-35 U	4	10	3				11.8		12		0.06	0.38	1.4		
-SLRA6-35 U	6	12	1.5				13.8		18		0.07	0.39	1.1		
-SLSA3.175-35 U	3.175	6.175	1.5				8		9		0.05	0.37	3.5		
E32-SLRA3-50-M22 U	3	7.5	2.25	50	22	8	9.8	20	9	42	0.14	0.4	2.8		
-SLRA4-50-M22 U	4	10	3				12.3		12		0.15	1.7			
-SLRA6-50-M22 U	6	12	1.5				14.3		26		18	39	0.2	0.5	1.2
-SLSA3.175-50-M22 U	3.175	6.175	1.5				8.5		20		9	42	0.14	0.4	4.4
E40-SLRA3-50-M22 U	3	7.5	2.25				50		22		8	9.8	20	9	42
-SLRA4-50-M22 U	4	10	3	12.3	12	1.6									
-SLRA6-50-M22 U	6	12	1.5	14.3	26	18		39		1.2					
-SLSA3.175-50-M22 U	3.175	6.175	1.5	8.5	20	9		42		4.4					
E50-SLRA3-75-M22 U	3	7.5	2.25	75	22	27		9.8		25		9		65	
-SLRA4-75-M22 U	4	10	3				12.3	12	1.7						
F63-SLRA3-75-M22 U	3	7.5	2.25	75	22	27	9.8	25	9	54	0.7	1.8	2.8		
-SLRA4-75-M22 U	4	10	3				12.3		12				58	1.7	

Required cutter shank tolerance

- φD = h4
- Roundness = 0.3 µm
- Cylindricity = 0.5 µm

Recommended tools

3S Balloon

Prevents dirt from getting into the Heat shrink internal bore.

BLACK UNO (Black)

CODE	φd
BLB3	3
3.175	3.175
4	4
6	6

UNO (Gray)

CODE	φd
BLG3	3
3.175	3.175
4	4
6	6

It comes with the BLACK UNO as a standard accessory.

Cleaning tool for a spindle taper hole, STAR DUST

Holder stand

For details, please contact us.