

- **Wide grip range**
- High aesthetic setting
- **Wide blind side expansion**
- Excellent pull-up capability
- **Single roll setting in all grip thicknesses**
- Positively retained mandrel head



Vgrip Domed Head

Carbon Steel
Mandrel: Carbon Steel

			DESCRIPTION							BULK PACK		SMALL PACK		
mm	mm	mm		mm	mm	mm	mm	N	N	ARTICLE	BOX QTY	ARTICLE	BOX QTY	
4.8	10.6	1.5 - 6.0	VG21-04810-511	4.9 - 5.2	9.22 - 9.82	1.6	3.0	2,840	3,680	79204	4,000			3.86
	16.2	6.0 - 10.0	VG21-04816-511	4.9 - 5.2	9.22 - 9.82	1.6	3.0	2,658	3,346	79205	3,000			4.63

- **Wide grip range**
- High aesthetic setting
- **Wide blind side expansion**
- Excellent pull-up capability
- **Single roll setting in all grip thicknesses**
- Positively retained mandrel head



Vgrip Large Flange

Carbon Steel
Mandrel: Carbon Steel

			DESCRIPTION							BULK PACK		SMALL PACK		
mm	mm	mm		mm	mm	mm	mm	N	N	ARTICLE	BOX QTY	ARTICLE	BOX QTY	
4.8	10.6	1.5 - 6.0	VG22-04810-511	4.9 - 5.2	15.7 - 16.3	2.1	3.0	2,840	3,680	79206	3,000			5.83
	16.2	6.0 - 10.0	VG22-04816-511	4.9 - 5.2	15.7 - 16.3	2.1	3.0	2,658	3,346	79207	2,000			6.52

d =Nominal Diameter, Min - Max Diameter; l =Body Length (+/- 0.3mm); g =Grip Range (Min - Max); d_h =Hole Size (Min - Max); d_k =Flange Diameter (Min - Max);
 k =Flange Thickness (Max); d_m =Nominal Mandrel Diameter; S =Nominal Shear Strength; T =Nominal Tensile Strength