

Nickel Copper Alloy

Break Stem Open

Large Flange

Nickel Copper Alloy
Mandrel: Carbon Steel



- Extremely corrosion resistant
- Excellent for marine and other hostile environments
- **Large flange increases bearing surface for weaker, thinner materials**
- Suitable for oversized holes or slots under the head

			DESCRIPTION							BULK PACK		SMALL PACK		
										ARTICLE	BOX QTY	ARTICLE	BOX QTY	
d	l	g		d _h	d _k	k	d _m	S	T					kg
mm	mm	mm		mm	mm	mm	mm	N	N					
4.8 4.70 - 4.88	16.5	Up To 12.4	TLPD665BSLF	4.9 - 5.0	10.30 - 10.90	1.34	2.90	3,300	3,750	77673	3,000	88318	500	4.77
	19.0	12.4 - 15.0	TLPD675BSLF							77680	3,000	89115	500	4.97
	21.5	15.0 - 17.5	TLPD685BSLF							78070	2,000	88823	500	5.30

Break Stem Open

120° Countersunk

Nickel Copper Alloy
Mandrel: Carbon Steel



- Extremely corrosion resistant
- Excellent for marine and other hostile environments
- **For a flush surface after setting**

			DESCRIPTION							BULK PACK		SMALL PACK		
										ARTICLE	BOX QTY	ARTICLE	BOX QTY	
d	l	g		d _h	d _k	k	d _m	S	T					kg
mm	mm	mm		mm	mm	mm	mm	N	N					
2.8 2.70 - 2.88	5.5	0.5 - 2.3	TLPK319BS	2.9 - 3.0	4.70 - 5.10	-	1.83	1,150	1,300	79096	10,000	88304	500	0.96
	6.0	2.3 - 2.8	TLPK321BS							79097	10,000	88305	500	0.97
3.2 3.15 - 3.28	4.5	Up To 0.8	TLEK413BS	3.3 - 3.4	6.05 - 6.65	-	1.93	1,750	2,500	on request		on request		1.19
	5.8	0.8 - 2.5	TLEK419BS							77078	10,000	89463	500	1.26
	7.0	2.5 - 3.8	TLEK424BS							77079	10,000	89464	500	1.31
	8.5	3.8 - 5.1	TLEK429BS							77080	10,000	89466	500	1.44
	10.0	5.1 - 6.6	TLEK435BS							77081	10,000	89470	500	1.50
	11.2	6.6 - 7.9	TLEK440BS							77082	10,000	89471	500	1.55
4.0 3.92 - 4.08	5.9	Up To 2.0	TLEK519BS	4.1 - 4.2	7.63 - 8.23	-	2.29	3,000	4,000	77645	6,000	on request		1.98
	7.2	2.0 - 3.3	TLEK524BS							77646	6,000	on request		2.10
	8.7	3.3 - 4.8	TLEK530BS							77647	6,000	89534	500	2.24
	10.5	4.8 - 6.6	TLEK537BS							77648	6,000	on request		2.51
	11.3	6.6 - 7.4	TLEK540BS							77649	6,000	on request		2.58
	12.5	7.4 - 8.6	TLEK545BS							78108	5,000	on request		2.66
4.8 4.70 - 4.88	7.5	1.3 - 3.1	TLPK624BS	4.9 - 5.0	7.85 - 8.40	-	2.90	3,300	3,750	on request		on request		3.20
	9.0	3.1 - 4.6	TLPK630BS							78075	4,000	88308	500	3.18
	10.5	4.6 - 5.8	TLPK636BS							78896	4,000	88261	500	3.32
	11.0	5.8 - 6.6	TLPK639BS							77634	4,000	88309	500	3.72
	14.0	6.6 - 9.4	TLPK650BS							on request		89816	500	4.87
	18.0	9.4 - 13.2	TLPK665BS							77683	3,000	88204	500	4.51
	20.5	13.2 - 15.8	TLPK675BS							77685	3,000	88260	500	4.67
6.4 6.40 - 6.50	14.5	4.6 - 8.4	TLPK850BS	6.6 - 6.7	10.60 - 11.10	-	3.86	5,400	6,750	78611	1,500	89006	500	7.87
	19.4	8.4 - 13.5	TLPK870BS							78612	1,500	88259	500	8.60

d =Nominal Diameter, Min - Max Diameter; l =Body Length (+/- 0.5mm); 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