

Insulin pump infusion sets

| Teflon Sets: Angled | | | | | | | |
|---------------------|---------------|--------|---------------|-------------------------------------------|--------|--------------------------|----|
| Infusion Set | | Needle | Cannula Prime | Gauge | Tubing | Inserter | |
| Company | Name | | | | | | |
| Medtronic | Silhouette | 13 mm | 0.5 u | 27 gauge intro needle 25 gauge cannula | 18" | Yes Sil-Serter | |
| | | | | | 23" | | |
| | | | | | 32" | | |
| | | | | | 43" | | |
| | | 17 mm | 0.7 u | | 23" | Yes All in one device | |
| | | | | | 32" | | |
| | | | | 43" | | | |
| Animas | Inset 30 | 13 mm | 0.7 u | | 23" | Yes All in one device | |
| | | | | | 43" | | |
| | | | | | | 23" | No |
| | | | | | 43" | | |
| | Comfort Short | 13 mm | 0.7 u | | | 23" | No |
| | | | | | | 43" | |
| | Comfort | 17 mm | 0.9 u | | | 23" | No |
| | | | | | 31" | | |
| Accu-Check | Tender | 13 mm | 0.7 u | | 23" | No | |
| | | | | | 31" | | |
| | | 17 mm | 0.7 u | | 43" | | |

| Teflon Sets: Straight | | | | | | | |
|-----------------------|-----------|--------|---------------|-----------------|--------|--------------------------|--------------------------|
| Infusion Set | | Needle | Cannula Prime | Gauge | Tubing | Inserter | |
| Company | Name | | | | | | |
| Medtronic | Quick Set | 6 mm | 0.3 | 25 gauge needle | 18" | Yes Quick-serter | |
| | | | | | 23" | | |
| | | | 32" | | | | |
| | | | 43" | | | | |
| | | | 9 mm | | 0.5 | 23" | Yes All in one device |
| | | | | | | 32" | |
| | | | | 43" | | | |
| | Mio | 6 mm | 0.3 | | 18" | Yes All in one device | |
| | | | | | 23" | | |
| | | | | | 32" | | |
| | | | | | 32" | | |
| | | | | | 23" | Yes All in one device | |
| | | | | | 43" | | |
| Animas | Inset II | 6 mm | 0.3 | | 23" | Yes All in one device | |
| | | | | | 43" | | |
| | | 9 mm | 0.5 | | | 11" | Yes Link Assist |
| | | | | | | 23" | |
| | | | | | | 31" | |
| | | | | | 43" | | |
| Accu-Check | Ultraflex | 6 mm | 1.0 | | 11" | Yes Link Assist | |
| | | | | | 23" | | |
| | | | | | 31" | | |
| | | 8 mm | 1.0 | | | | 43" |
| | | 10 mm | 1.0 | | | | |

| Metal Sets: Straight | | | | | | |
|-----------------------------|-------------|---------------|----------------------|--------------|-------------------|-----------------|
| Infusion Set | | Needle | Cannula Prime | Gauge | Tubing | Inserter |
| Company | Name | | | | | |
| Medtronic | Sure T | 6 mm | not required | 28 gauge | 18" 23" 32" | No |
| | | 8 mm | | | | |
| | | 10 mm | | | | |
| Animas | Contact | 6 mm | not required | | 23" 43" | No |
| | Detach | 8 mm | | | | |
| Accu-Check | Rapid D | 6 mm | not required | | 23" 31" 43" | No |
| | | 8 mm | | | | |
| | | 10 mm | | | | |

| What type of needle is right for you? | | |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------|
| <i>Teflon Straight</i> | <i>Teflon Angled</i> | <i>Metal Straight</i> |
| Average to heavy physique Moderate to low activity Needle anxiety Poor dexterity | Lean physique Muscular physique Lipohypertrophy Very active Good dexterity | Pregnancy Teflon allergy |

| What size needle is right for you? | |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Shorter Cannula</i> | <i>Longer Cannula</i> |
| 6mm for 90° sets, 13mm for 45° sets Appropriate for most patients | Higher BMI Requiring larger boluses (≥25u) for meals Requiring larger basal rates (≥2.5u/hr) Lipohypertrophy People who have experienced needle coming out of skin easily |

