Automotion
AN ESSENTRA COMPANY



Small Components Critical Role

The fasteners behind quality, safety & performance

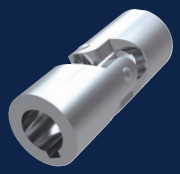
automotioncomponents.co.uk | sales@automotioncomponents.co.uk

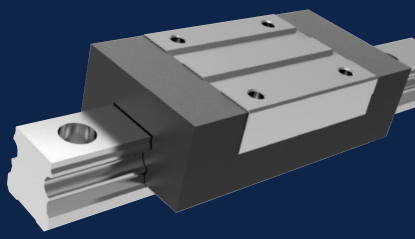
Who are **Automotion Components?**

Automotion AN ESSENTRA COMPANY

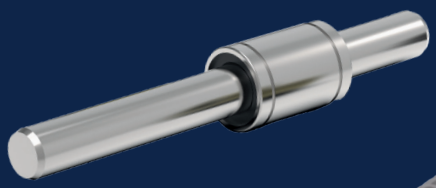


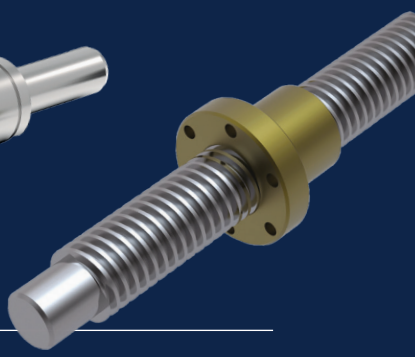
Automotion Components, part of The Wixroyd Group, is your trusted partner in supplying precision-engineered solutions to power the world's most demanding industrial applications. With **in-house manufacturing capabilities, deep stock availability, and an expanding CAD library**, we simplify sourcing and speed up your design process.





We have a wide product selection including **fasteners which are manufactured in-house,** in addition to the wider **mechanical components range** and an extensive range of **linear, linkages and rotary products** which can be viewed in detail on our website **automotioncomponents.co.uk**.

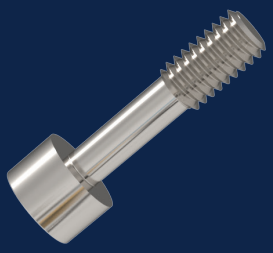




Within this catalogue you will find technical details for our **PEEK range** along with a selection of fasteners in a wide array of other materials.

Automotion Components and **The Wixroyd Group**

Wixroyd group AN ESSENTRA COMPANY

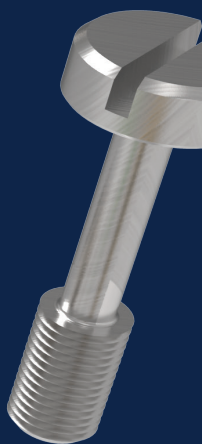


Founded in 1951 as a family-run engineering components business, initially with a single product offering of a square hole drill, **The Wixroyd Group** has grown through continuous innovation - both in precision engineering and in pioneering digital technologies - as well as through the strategic acquisition of specialist brands, such as **Automotion Components.**

Today, we proudly unite, **Automotion Components with the Wixroyd and Teknipart brands** - each having distinct areas of expertise working together to offer you a broader, more capable, and more reliable source of components.

Now part of the Essentra Group, we combine the strength of a global organisation with the agility and specialist knowledge of our individual brands. The result: **the simplicity of supplier consolidation - three areas of expertise, one trusted source of possibility.**







SOCOTEC ISO 9001 ISO 14001 CERTIFIED UKAS MANAGEMENT SYSTEMS 0063

JOSCAR REGISTERED

MADE IN BRITAIN

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Sealing Screws 32
Vented Screws 34
Low Head Screws 36

Manufacturing capabilities
In-House

Our range of precision fasteners; sealing, captive, shoulder and vented screws benefit from being manufactured in-house at our Chichester site. Our CNC lathes are working day and night to produce our wide selection of shoulder screws, captive screws, vented screws and more in many different sizes and materials!

To ensure we are running as efficiently as possible, we have written custom software that works with our warehouse and ordering system to reduce the average lead time significantly. Our system means that we can offer bespoke variations on our existing products with no hassle, and at lower minimum quantities.



Our range of fasteners



SEALING SCREWS

A wide range of head types, drives and o-ring materials.



CAPTIVE SCREWS

Our popular range of captive screws and mounting fittings are ideal for panel applications.



VENTED SCREWS

The highest quality vented fasteners for your vacuum system.



SHOULDER SCREWS

A massive line-up of shoulder screws in different materials and head styles.

Bespoke parts made in-house
to meet customer requirements

We can custom make special executions of our standard fasteners; varying thread length, thread size and material with an extremely efficient production time.

Get in touch with our technical team to discuss your ideas and see how we can help you with your project.

sales@automotioncomponents.co.uk
0333 207 4498



Why order with us?

HIGH STOCK LEVELS

With a high commitment to stock holding, we can offer next day delivery on most products. We deliver what you need, whenever you need it.

STREAMLINE ORDERING PROCESS

Whether you're an account holder or choose to shop as a guest, our online ordering system is reliable and easy to use.

MADE IN BRITAIN

Established in 1951, the Wixroyd Group supply innovative engineering products with free online CAD models and in-house technical expertise.

HIGH QUALITY PRODUCTION

Trusted by some of the best known design & manufacturing companies, we pride ourselves on producing the highest quality components at the best value.

TECHNICAL SALES SUPPORT

Available via telephone, email or our live web chat service, we work to find a solution for your application.

BESPOKE CAPABILITIES

Our in-house manufacturing can make your idea a reality. Call our technical team on **0333 207 4497** to discuss.

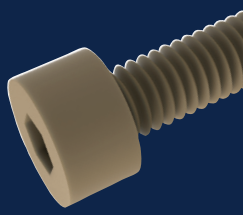


PEEK Fasteners

High-Performance Fasteners for Demanding Applications.

PEEK (Polyether Ether Ketone) is an advanced engineering thermoplastic developed for applications where unique material properties are required. Offering excellent strength, exceptional chemical resistance and outstanding thermal stability, PEEK fasteners are specified across industries where reliability, cleanliness and durability are essential.

It's unique balance of properties makes PEEK particularly valuable in medical equipment, food processing machinery, electronics, aerospace and other regulated manufacturing environments.



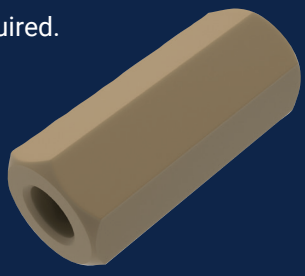
WHY CHOOSE PEEK?

EXCEPTIONAL CHEMICAL RESISTANCE
Suitable for use in demanding environments where exposure to harsh cleaning agents, industrial chemicals, and process fluids that can damage standard materials is common.

HIGH TEMPERATURE CAPABILITY
Retains performance across a broad range of operating temperatures.

LIGHTWEIGHT YET STRONG
Provides exceptional mechanical properties, making it ideal for weight-sensitive applications.

ELECTRICALLY NON-CONDUCTIVE
An ideal choice where electrical insulation or electromagnetic neutrality is required.



LOW MOISTURE ABSORPTION
Maintains its shape and size in humid or washdown environments.

STERILISATION COMPATIBLE
Suitable for applications requiring regular cleaning and sterilisation procedures.

AT A GLANCE

- **High strength-to-weight ratio**
- **Excellent wear resistance**
- **Corrosion free**
- **FDA compliant grades available**
- **Suitable for cleanroom environments**
- **Long service life**
- **Also available in blue and green**

Applications & Industries - where PEEK performs



MEDICAL & LABORATORY EQUIPMENT

Used in equipment and instrumentation where cleanliness, reliability and compatibility with sterilisation processes are important.



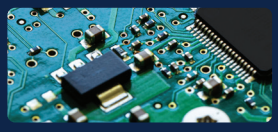
FOOD & BEVERAGE MANUFACTURING

Well suited to production, packaging and processing equipment requiring excellent resistance to cleaning chemicals and demanding washdown procedures.



AEROSPACE

Selected for applications requiring a combination of low weight, strength and environmental resistance.



ELECTRONICS & SEMICONDUCTOR

Ideal for assemblies where electrical insulation and contamination control are key considerations.



CHEMICAL PROCESSING

Performs reliably in challenging environments involving aggressive chemicals and frequent maintenance cycles.



CLEANROOM & PHARMACEUTICAL MANUFACTURING

Suitable for sensitive production environments where material stability and cleanliness are essential.

DISCOVER THE BENEFITS OF PEEK FIRST-HAND

Request a PEEK Fastener Sample Pack

Explore our range of **PEEK screws, nuts and washers** before specifying them in your next design.

- **Real application samples**
- **Compare sizes and formats**
- **Evaluate performance for your project**

Contact our team today to request your sample pack.
Limited stock available.



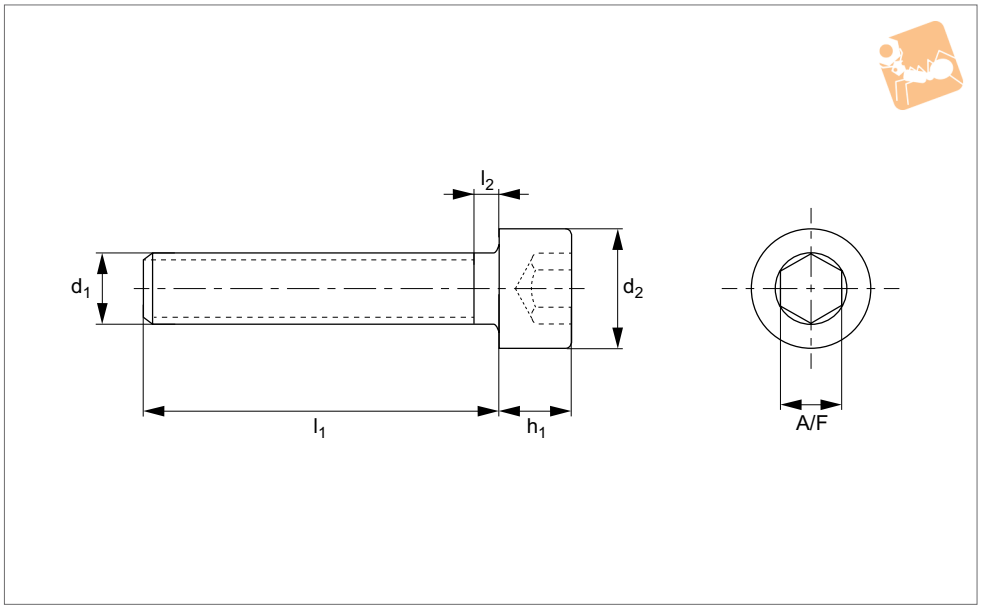
Please quote our **stock reference** when ordering:

PEEKSAMPLE

Cap Head Hexagon Socket
Natural PEEK



P0500.NP



Material
Natural Polyether-ether-ketone (PEEK).
Beige.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.
Tensile strength ~116N/mm².

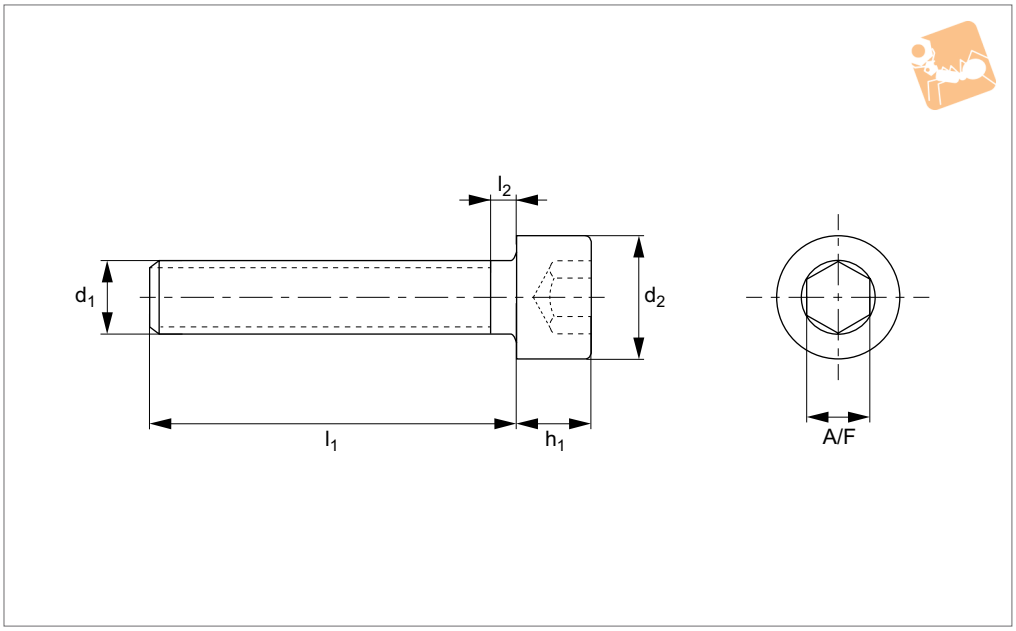
Technical Notes
PEEK is used in the aerospace and petrochemical industries.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility.

For industries with a hygienic requirement, these products can be manufactured with an X-Ray opaque or metal detectable filler, as well as a blue colour for optical detection.

UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	l_2 max.	d_2	h_1	A/F
P0500.030-008-NP	M 3	8	1.0	5.5	3	2.5
P0500.030-010-NP	M 3	10	1.0	5.5	3	2.5
P0500.030-012-NP	M 3	12	1.0	5.5	3	2.5
P0500.030-015-NP	M 3	15	1.0	5.5	3	2.5
P0500.030-020-NP	M 3	20	1.0	5.5	3	2.5
P0500.030-025-NP	M 3	25	1.0	5.5	3	2.5
P0500.040-008-NP	M 4	8	1.4	7.0	4	3.0
P0500.040-010-NP	M 4	10	1.4	7.0	4	3.0
P0500.040-012-NP	M 4	12	1.4	7.0	4	3.0
P0500.040-015-NP	M 4	15	1.4	7.0	4	3.0
P0500.040-020-NP	M 4	20	1.4	7.0	4	3.0
P0500.040-025-NP	M 4	25	1.4	7.0	4	3.0
P0500.050-008-NP	M 5	8	1.6	8.5	5	4.0
P0500.050-010-NP	M 5	10	1.6	8.5	5	4.0
P0500.050-012-NP	M 5	12	1.6	8.5	5	4.0
P0500.050-015-NP	M 5	15	1.6	8.5	5	4.0
P0500.050-020-NP	M 5	20	1.6	8.5	5	4.0
P0500.050-025-NP	M 5	25	1.6	8.5	5	4.0
P0500.050-030-NP	M 5	30	1.6	8.5	5	4.0
P0500.060-010-NP	M 6	10	2.0	10.0	6	5.0
P0500.060-012-NP	M 6	12	2.0	10.0	6	5.0
P0500.060-015-NP	M 6	15	2.0	10.0	6	5.0
P0500.060-020-NP	M 6	20	2.0	10.0	6	5.0
P0500.060-025-NP	M 6	25	2.0	10.0	6	5.0
P0500.060-030-NP	M 6	30	2.0	10.0	6	5.0
P0500.080-020-NP	M 8	20	2.5	13.0	8	6.0
P0500.080-025-NP	M 8	25	2.5	13.0	8	6.0
P0500.080-030-NP	M 8	30	2.5	13.0	8	6.0
P0500.080-035-NP	M 8	35	2.5	13.0	8	6.0





P0500.MP

Material
Polyether ether ketone (PEEK). Green.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
Manufactured for medical industry applications, these products are in a variant of PEEK which is refined for biocompatibilty.

For industries with a hygienic requirement, these products are available with an X-Ray opaque or metal detectable filler, blue in colour, for optical detection.

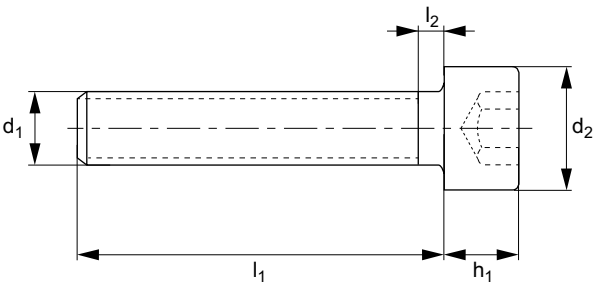
Natural PEEK is used in the aerospace and chemical industries.

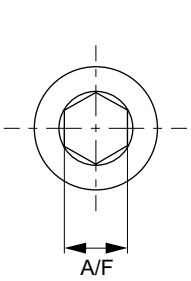
Order No.	d_1	l_1 +/- 0. 2	l_2 max.	d_2	h_1	A/F
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P0500.030-010-MP	M 3	10	1.0	5.5	3	2.5
P0500.030-012-MP	M 3	12	1.0	5.5	3	2.5
P0500.030-015-MP	M 3	15	1.0	5.5	3	2.5
P0500.030-020-MP	M 3	20	1.0	5.5	3	2.5
P0500.030-025-MP	M 3	25	1.0	5.5	3	2.5
P0500.040-008-MP	M 4	8	1.4	7.0	4	3.0
P0500.040-010-MP	M 4	10	1.4	7.0	4	3.0
P0500.040-012-MP	M 4	12	1.4	7.0	4	3.0
P0500.040-015-MP	M 4	15	1.4	7.0	4	3.0
P0500.040-020-MP	M 4	20	1.4	7.0	4	3.0
P0500.040-025-MP	M 4	25	1.4	7.0	4	3.0
P0500.050-008-MP	M 5	8	1.6	8.5	5	4.0
P0500.050-010-MP	M 5	10	1.6	8.5	5	4.0
P0500.050-012-MP	M 5	12	1.6	8.5	5	4.0
P0500.050-015-MP	M 5	15	1.6	8.5	5	4.0
P0500.050-020-MP	M 5	20	1.6	8.5	5	4.0
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P0500.060-010-MP	M 6	10	2.0	10.0	6	5.0
P0500.060-012-MP	M 6	12	2.0	10.0	6	5.0
P0500.060-015-MP	M 6	15	2.0	10.0	6	5.0
P0500.060-020-MP	M 6	20	2.0	10.0	6	5.0
P0500.060-025-MP	M 6	25	2.0	10.0	6	5.0
P0500.060-030-MP	M 6	30	2.0	10.0	6	5.0
P0500.080-020-MP	M 8	20	2.5	13.0	8	6.0
P0500.080-025-MP	M 8	25	2.5	13.0	8	6.0
P0500.080-030-MP	M 8	30	2.5	13.0	8	6.0
P0500.080-035-MP	M 8	35	2.5	13.0	8	6.0

Cap Head Hexagon Socket
Hygienic



P0500.HP





Material
Polyether ether ketone (PEEK). Blue.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
Manufactured for industries with a hygienic requirement, these products are made with an X-Ray opaque or metal detectable filler, in blue, for optical detection.

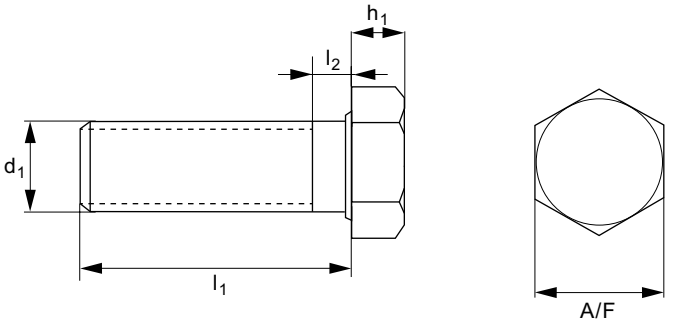
For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibilty.

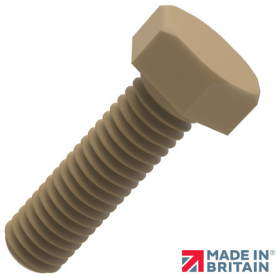
Natural PEEK is used in the aerospace and chemical industries.

Order No.	d_1	l_1 +/- 0.2	l_2 max.	d_2	h_1	A/F
P0500.030-008-HP	M 3	8	1.0	5.5	3	2.5
P0500.030-010-HP	M 3	10	1.0	5.5	3	2.5
P0500.030-012-HP	M 3	12	1.0	5.5	3	2.5
P0500.030-015-HP	M 3	15	1.0	5.5	3	2.5
P0500.030-020-HP	M 3	20	1.0	5.5	3	2.5
P0500.030-025-HP	M 3	25	1.0	5.5	3	2.5
P0500.040-008-HP	M 4	8	1.4	7.0	4	3.0
P0500.040-010-HP	M 4	10	1.4	7.0	4	3.0
P0500.040-012-HP	M 4	12	1.4	7.0	4	3.0
P0500.040-015-HP	M 4	15	1.4	7.0	4	3.0
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P0500.040-025-HP	M 4	25	1.4	7.0	4	3.0
P0500.050-008-HP	M 5	8	1.6	8.5	5	4.0
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P0500.050-030-HP	M 5	30	1.6	8.5	5	4.0
P0500.060-010-HP	M 6	10	2.0	10.0	6	5.0
P0500.060-012-HP	M 6	12	2.0	10.0	6	5.0
P0500.060-015-HP	M 6	15	2.0	10.0	6	5.0
P0500.060-020-HP	M 6	20	2.0	10.0	6	5.0
P0500.060-025-HP	M 6	25	2.0	10.0	6	5.5
P0500.060-030-HP	M 6	30	2.0	10.0	6	5.5
P0500.080-020-HP	M 8	20	2.5	13.0	8	6.0
P0500.080-025-HP	M 8	25	2.5	13.0	8	6.0
P0500.080-030-HP	M 8	30	2.5	13.0	8	6.0
P0500.080-035-HP	M 8	35	2.5	13.0	8	6.0

Hexagonal Head Set Screw
Natural PEEK







P0501.NP

Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.
Tensile strength ~116N/mm².

Technical Notes
Generally to DIN 931.
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

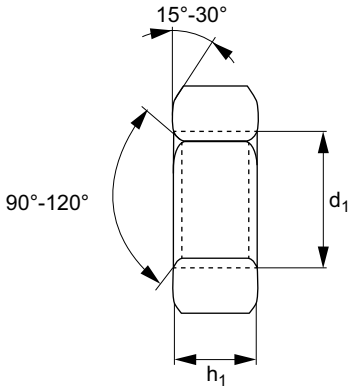
Order No.	d_1	l_1 +/- 0.2	h_1	l_2 max.	A/F
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P0501.040-015-NP	M 4	15	2.8	1.4	7
P0501.040-020-NP	M 4	20	2.8	1.4	7
P0501.040-025-NP	M 4	25	2.8	1.4	7
P0501.050-010-NP	M 5	10	3.5	1.6	8
P0501.050-012-NP	M 5	12	3.5	1.6	8
P0501.050-015-NP	M 5	15	3.5	1.6	8
P0501.050-020-NP	M 5	20	3.5	1.6	8
P0501.050-025-NP	M 5	25	3.5	1.6	8
P0501.050-030-NP	M 5	30	3.5	1.6	8
P0501.060-010-NP	M 6	10	4.0	2.0	10
P0501.060-012-NP	M 6	12	4.0	2.0	10
P0501.060-015-NP	M 6	15	4.0	2.0	10
P0501.060-020-NP	M 6	20	4.0	2.0	10
P0501.060-025-NP	M 6	25	4.0	2.0	10
P0501.060-030-NP	M 6	30	4.0	2.0	10
P0501.060-035-NP	M 6	35	4.0	2.0	10
P0501.060-040-NP	M 6	40	4.0	2.0	10
P0501.060-045-NP	M 6	45	4.0	2.0	10
P0501.060-050-NP	M 6	50	4.0	2.0	10
P0501.080-010-NP	M 8	10	5.5	2.5	13
P0501.080-015-NP	M 8	15	5.5	2.5	13
P0501.080-020-NP	M 8	20	5.5	2.5	13
P0501.080-025-NP	M 8	25	5.5	2.5	13
P0501.080-030-NP	M 8	30	5.5	2.5	13
P0501.080-030-NP	M 8	35	5.5	2.5	13

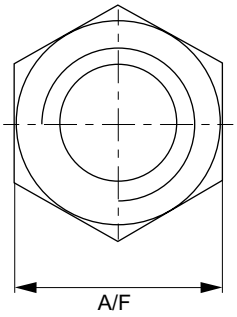
Additional sizes M8-M10 available online

Hexagon Nuts
Natural PEEK



P0502.NP





Material
Natural Polyether-ether-ketone (PEEK). Beige. A high performance plastic with very good durability and wear resistance.

PEEK has excellent chemical resistance and performs well at temperatures up to 260°C. Tensile strength ~116N/mm².

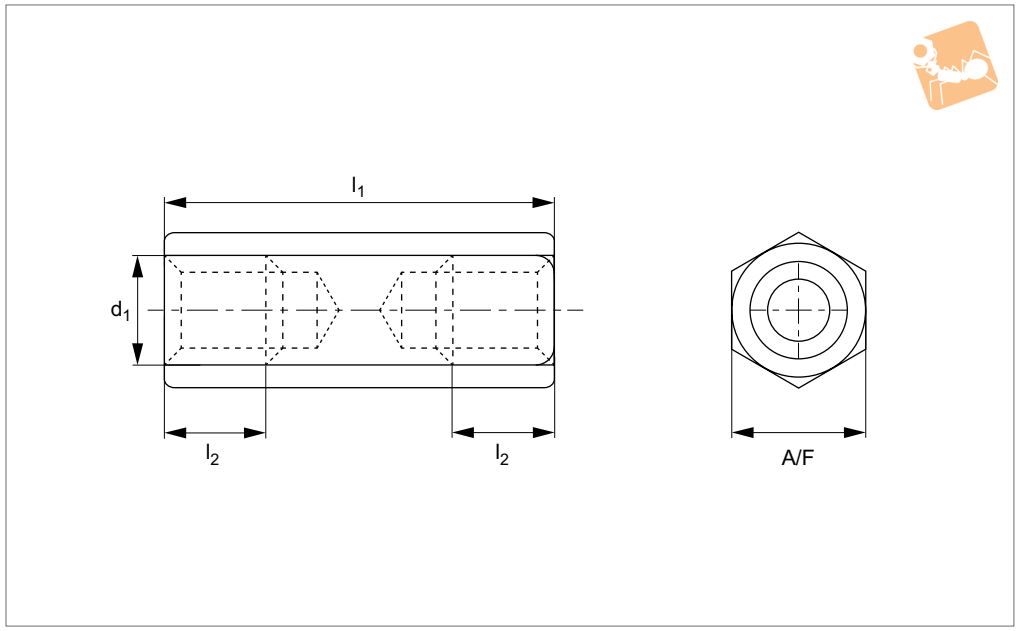
Technical Notes
Generally to DIN 934.
UL94-V0 compliant.

Order No.	d_1	h_1	A/F
P0502.025-NP	M 2.5	2.0	5.0
P0502.030-NP	M 3	2.4	5.5
P0502.040-NP	M 4	3.2	7.0
P0502.050-NP	M 5	4.0	8.0
P0502.060-NP	M 6	5.0	10.0
P0502.080-NP	M 8	6.5	13.0
P0502.100-NP	M 10	8.0	17.0

Female-Female Hexagon Spacers

Natural PEEK







P0503.NP

Material
Natural Polyether-ether-ketone (PEEK). Beige.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
UL94-V0 compliant.

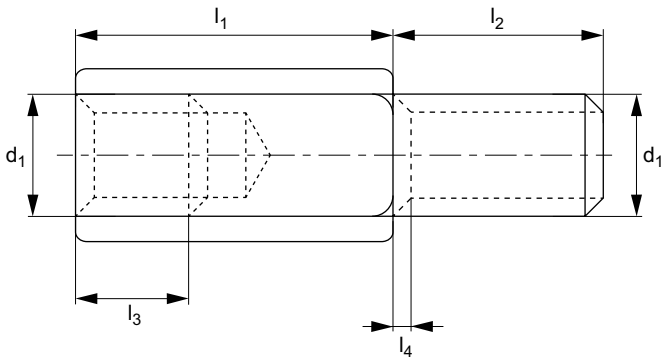
Order No.	d_1	l_1 +/- 0.2	l_2	A/F
P0503.030-004-NP	M 3	4	2.0	6
P0503.030-005-NP	M 3	5	2.5	6
P0503.030-006-NP	M 3	6	3.0	6
P0503.030-008-NP	M 3	8	4.0	6
P0503.030-010-NP	M 3	10	5.0	6
P0503.030-012-NP	M 3	12	6.0	6
P0503.030-015-NP	M 3	15	7.5	6
P0503.030-018-NP	M 3	18	9.0	6
P0503.030-020-NP	M 3	20	10.0	6
P0503.030-025-NP	M 3	25	10.0	6
P0503.030-030-NP	M 3	30	10.0	6
P0503.040-005-NP	M 4	5	2.5	7
P0503.040-006-NP	M 4	6	3.0	7
P0503.040-008-NP	M 4	8	4.0	7
P0503.040-010-NP	M 4	10	5.0	7
P0503.040-012-NP	M 4	12	6.0	7
P0503.040-015-NP	M 4	15	7.5	7
P0503.040-018-NP	M 4	18	9.0	7
P0503.040-020-NP	M 4	20	10.0	7
P0503.040-025-NP	M 4	25	10.0	7
P0503.040-030-NP	M 4	30	10.0	7
P0503.040-035-NP	M 4	35	10.0	7
P0503.040-040-NP	M 4	40	10.0	7
P0503.050-006-NP	M 5	6	3.0	8
P0503.050-008-NP	M 5	8	4.0	8
P0503.050-010-NP	M 5	10	5.0	8
P0503.050-012-NP	M 5	12	6.0	8
P0503.050-015-NP	M 5	15	7.5	8
P0503.050-018-NP	M 5	18	9.0	8
P0503.050-020-NP	M 5	20	10.0	8
P0503.050-025-NP	M 5	25	10.0	8
P0503.050-030-NP	M 5	30	10.0	8
P0503.050-035-NP	M 5	35	10.0	8
P0503.050-040-NP	M 5	40	10.0	8

Male-Female Hexagonal Spacers

Natural PEEK



P0504.NP



Material

Natural Polyether-ether-ketone (PEEK). Beige. A high performance plastic with very good durability and wear resistance.

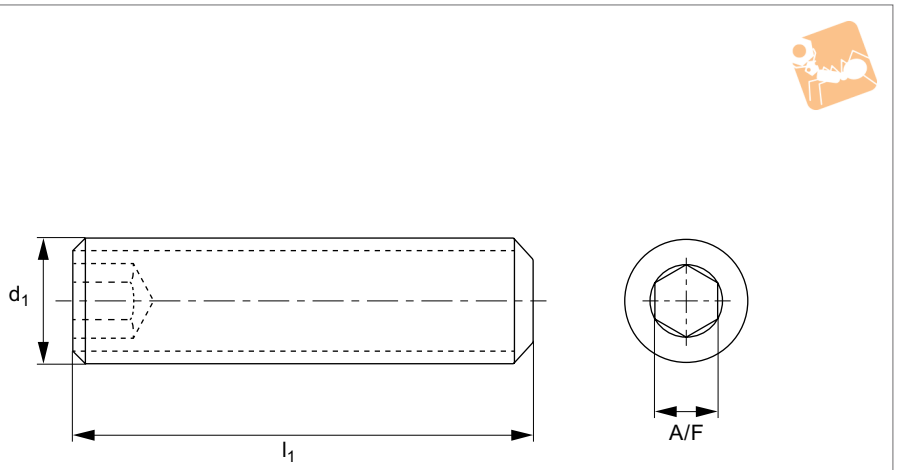
PEEK has excellent chemical resistance and performs well at temperatures up to 260°C. Tensile strength ~116N/mm².

Technical Notes

Thread sizes stated are standard coarse. UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	l_2	l_3	l_4 max.	A/F
P0504.030-005-NP	M 3	5	6	2.5	1.0	5.5
P0504.030-008-NP	M 3	8	6	5.0	1.0	5.5
P0504.030-010-NP	M 3	10	6	5.0	1.0	5.5
P0504.030-012-NP	M 3	12	6	6.5	1.0	5.5
P0504.030-015-NP	M 3	15	6	7.5	1.0	5.5
P0504.030-018-NP	M 3	18	6	8.0	1.0	5.5
P0504.030-020-NP	M 3	20	6	7.0	1.0	5.5
P0504.030-025-NP	M 3	25	6	7.0	1.0	5.5
P0504.030-030-NP	M 3	30	6	7.0	1.0	5.5
P0504.040-005-NP	M 4	5	8	2.3	1.4	7.0
P0504.040-008-NP	M 4	8	8	4.5	1.4	7.0
P0504.040-010-NP	M 4	10	8	6.0	1.4	7.0
P0504.040-012-NP	M 4	12	8	8.0	1.4	7.0
P0504.040-015-NP	M 4	15	8	9.0	1.4	7.0
P0504.040-018-NP	M 4	18	8	9.0	1.4	7.0
P0504.040-020-NP	M 4	20	8	9.0	1.4	7.0
P0504.040-025-NP	M 4	25	8	9.0	1.4	7.0
P0504.040-030-NP	M 4	30	8	9.0	1.4	7.0
P0504.040-035-NP	M 4	35	8	9.0	1.4	7.0
P0504.050-008-NP	M 5	8	10	5.0	1.6	8.0
P0504.050-010-NP	M 5	10	10	5.5	1.6	8.0
P0504.050-012-NP	M 5	12	10	8.0	1.6	8.0
P0504.050-015-NP	M 5	15	10	9.0	1.6	8.0
P0504.050-018-NP	M 5	18	10	10.0	1.6	8.0
P0504.050-020-NP	M 5	20	10	11.0	1.6	8.0
P0504.050-025-NP	M 5	25	10	11.0	1.6	8.0
P0504.050-030-NP	M 5	30	10	11.0	1.6	8.0
P0504.050-035-NP	M 5	35	10	11.0	1.6	8.0
P0504.050-040-NP	M 5	40	10	11.0	1.6	8.0

Additional sizes M6 available online





P0507.NP

Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance.

PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

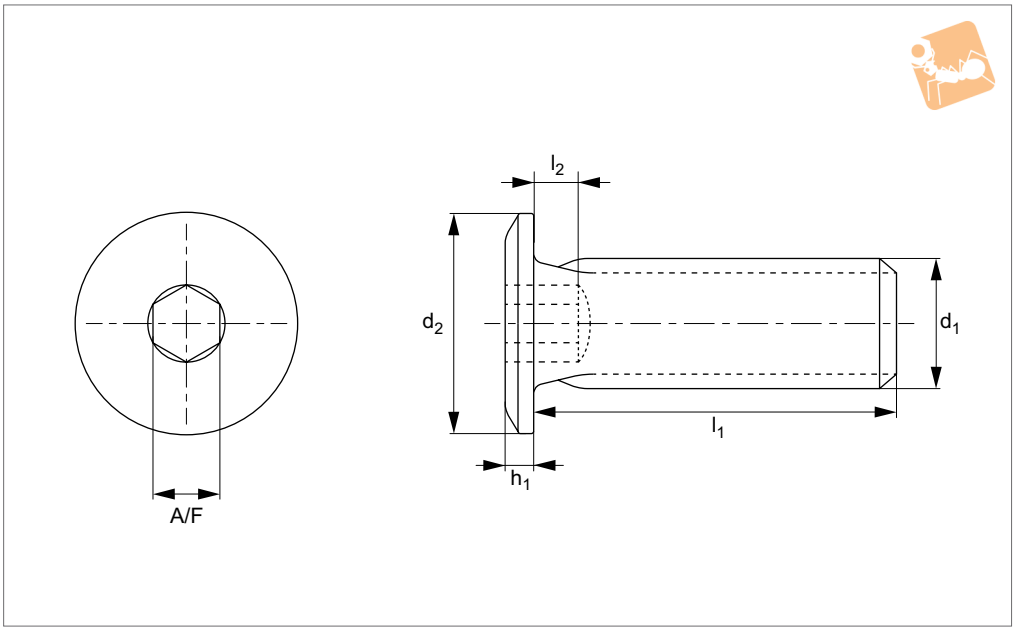
Technical Notes
UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	A/F
P0507.030-004-NP	M 3	4	1.5
P0507.030-006-NP	M 3	6	1.5
P0507.030-008-NP	M 3	8	1.5
P0507.030-010-NP	M 3	10	1.5
P0507.030-012-NP	M 3	12	1.5
P0507.030-015-NP	M 3	15	1.5
P0507.040-006-NP	M 4	6	2.0
P0507.040-008-NP	M 4	8	2.0
P0507.040-010-NP	M 4	10	2.0
P0507.040-012-NP	M 4	12	2.0
P0507.040-015-NP	M 4	15	2.0
P0507.040-020-NP	M 4	20	2.0
P0507.050-006-NP	M 5	6	2.5
P0507.050-008-NP	M 5	8	2.5
P0507.050-010-NP	M 5	10	2.5
P0507.050-012-NP	M 5	12	2.5
P0507.050-015-NP	M 5	15	2.5
P0507.050-020-NP	M 5	20	2.5
P0507.060-006-NP	M 6	6	3.0
P0507.060-008-NP	M 6	8	3.0
P0507.060-010-NP	M 6	10	3.0
P0507.060-012-NP	M 6	12	3.0
P0507.060-015-NP	M 6	15	3.0
P0507.060-020-NP	M 6	20	3.0
P0507.060-025-NP	M 6	25	3.0
P0507.080-010-NP	M 8	10	4.0
P0507.080-012-NP	M 8	12	4.0
P0507.080-015-NP	M 8	15	4.0
P0507.080-020-NP	M 8	20	4.0
P0507.080-025-NP	M 8	25	4.0
P0507.080-030-NP	M 8	30	4.0

Ultra Low Head Cap Screws
Natural PEEK



P0508.NP



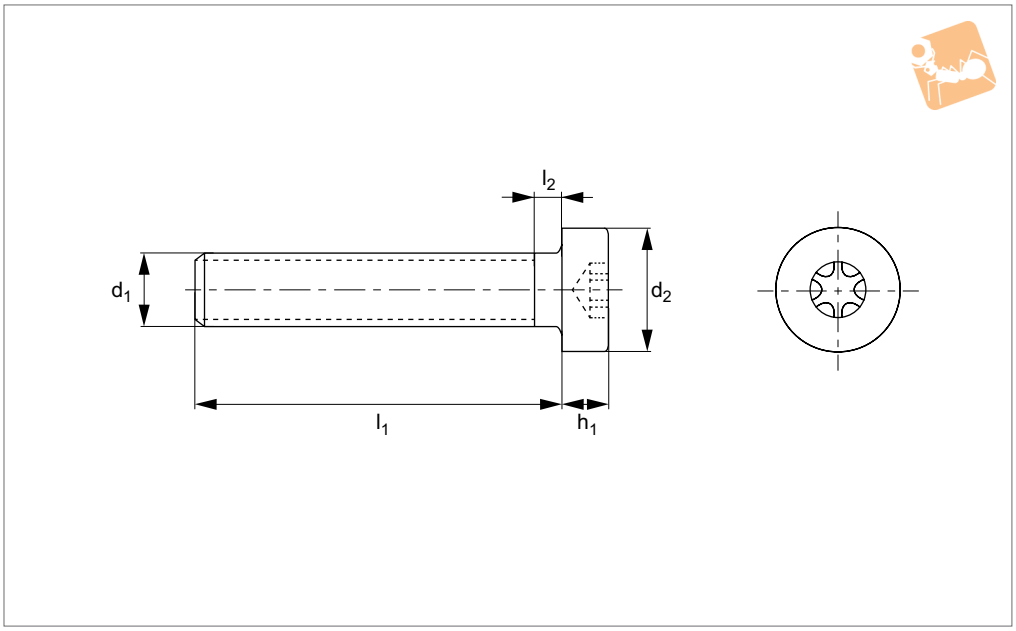
Material
Polyether Ether Ketone (PEEK) is a high performance engineering plastic, known for it's durability and chemical resistance. It has excellent dimensional stability and a maximum operating temperature of 260°C. Natural PEEK is used in this range which is light brown in colour.

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility.

UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	A/F
P0508.030-008-NP	M 3	8	6	0.8	1.0	1.5
P0508.030-010-NP	M 3	10	6	0.8	1.0	1.5
P0508.030-012-NP	M 3	12	6	0.8	1.0	1.5
P0508.030-015-NP	M 3	15	6	0.8	1.0	1.5
P0508.030-020-NP	M 3	20	6	0.8	1.0	1.5
P0508.030-025-NP	M 3	25	6	0.8	1.0	1.5
P0508.040-008-NP	M 4	8	8	0.9	1.4	2.0
P0508.040-010-NP	M 4	10	8	0.9	1.4	2.0
P0508.040-012-NP	M 4	12	8	0.9	1.4	2.0
P0508.040-015-NP	M 4	15	8	0.9	1.4	2.0
P0508.040-020-NP	M 4	20	8	0.9	1.4	2.0
P0508.040-025-NP	M 4	25	8	0.9	1.4	2.0
P0508.050-008-NP	M 5	8	9	1.0	1.6	2.5
P0508.050-012-NP	M 5	12	9	1.0	1.6	2.5
P0508.050-015-NP	M 5	15	9	1.0	1.6	2.5
P0508.050-020-NP	M 5	20	9	1.0	1.6	2.5
P0508.050-025-NP	M 5	25	9	1.0	1.6	2.5
P0508.050-030-NP	M 5	30	9	1.0	1.6	2.5
P0508.060-010-NP	M 6	10	10	1.2	2.0	3.0
P0508.060-012-NP	M 6	12	10	1.2	2.0	3.0
P0508.060-015-NP	M 6	15	10	1.2	2.0	3.0
P0508.060-020-NP	M 6	20	10	1.2	2.0	3.0
P0508.060-025-NP	M 6	25	10	1.2	2.0	3.0
P0508.060-030-NP	M 6	30	10	1.2	2.0	3.0





P0509.NP

Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

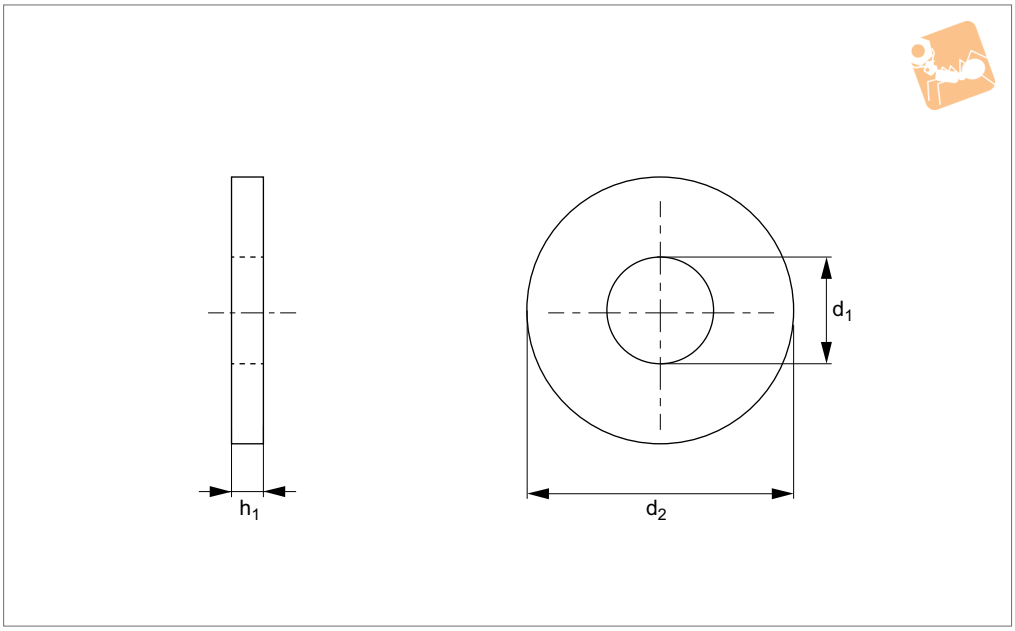
For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	TX size
P0509.030-006-NP	M 3	6	5.5	2.40	1.0	TX-10
P0509.030-008-NP	M 3	8	5.5	2.40	1.0	TX-10
P0509.030-010-NP	M 3	10	5.5	2.40	1.0	TX-10
P0509.030-012-NP	M 3	12	5.5	2.40	1.0	TX-10
P0509.030-016-NP	M 3	16	5.5	2.40	1.0	TX-10
P0509.030-020-NP	M 3	20	5.5	2.40	1.0	TX-10
P0509.040-006-NP	M 4	6	7.0	3.10	1.4	TX-20
P0509.040-008-NP	M 4	8	7.0	3.10	1.4	TX-20
P0509.040-010-NP	M 4	10	7.0	3.10	1.4	TX-20
P0509.040-012-NP	M 4	12	7.0	3.10	1.4	TX-20
P0509.040-016-NP	M 4	16	7.0	3.10	1.4	TX-20
P0509.040-020-NP	M 4	20	7.0	3.10	1.4	TX-20
P0509.040-025-NP	M 4	25	7.0	3.10	1.4	TX-20
P0509.050-008-NP	M 5	8	8.5	3.65	1.6	TX-25
P0509.050-010-NP	M 5	10	8.5	3.65	1.6	TX-25
P0509.050-012-NP	M 5	12	8.5	3.65	1.6	TX-25
P0509.050-016-NP	M 5	16	8.5	3.65	1.6	TX-25
P0509.050-020-NP	M 5	20	8.5	3.65	1.6	TX-25
P0509.050-025-NP	M 5	25	8.5	3.65	1.6	TX-25
P0509.050-030-NP	M 5	30	8.5	3.65	1.6	TX-25
P0509.060-010-NP	M 6	10	10.0	4.40	2.0	TX-30
P0509.060-012-NP	M 6	12	10.0	4.40	2.0	TX-30
P0509.060-016-NP	M 6	16	10.0	4.40	2.0	TX-30
P0509.060-020-NP	M 6	20	10.0	4.40	2.0	TX-30
P0509.060-025-NP	M 6	25	10.0	4.40	2.0	TX-30
P0509.060-030-NP	M 6	30	10.0	4.40	2.0	TX-30
P0509.060-040-NP	M 6	40	10.0	4.40	2.0	TX-30

Washers
Natural PEEK



P0510.NP



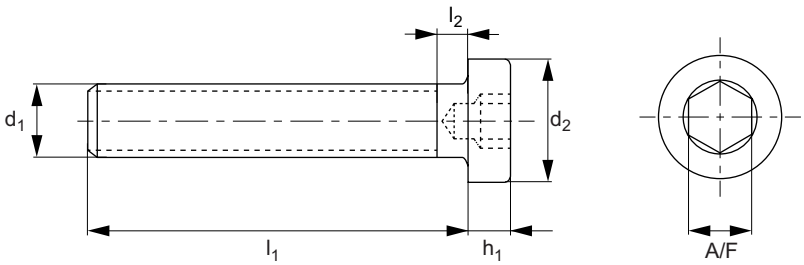
Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance.

PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
Generally to DIN 125.
UL94-V0 compliant.

Order No.	For thread	h_1	d_1	d_2
P0510.025-NP	M 2.5	0.5	2.7	6.0
P0510.030-NP	M 3	0.5	3.2	7.0
P0510.040-NP	M 4	0.8	4.3	9.0
P0510.050-NP	M 5	1.0	5.3	10.0
P0510.060-NP	M 6	1.6	6.4	12.5
P0510.080-NP	M 8	1.6	8.4	17.0
P0510.100-NP	M 10	2.0	10.5	21.0





P0511.NP

Material
Natural Polyether-ether-ketone (PEEK). Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

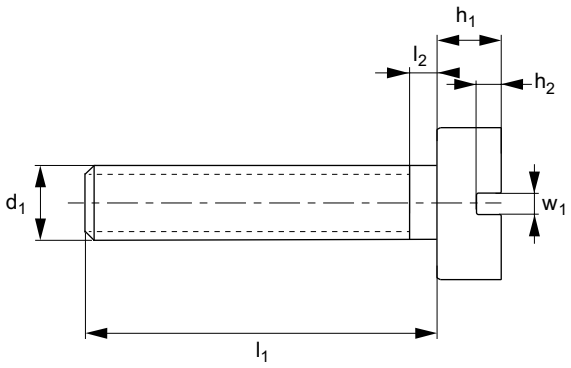
Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	A/F
P0511.030-006-NP	M 3	6	5.5	2.40	1.0	2.0
P0511.030-008-NP	M 3	8	5.5	2.40	1.0	2.0
P0511.030-010-NP	M 3	10	5.5	2.40	1.0	2.0
P0511.030-012-NP	M 3	12	5.5	2.40	1.0	2.0
P0511.030-016-NP	M 3	16	5.5	2.40	1.0	2.0
P0511.030-020-NP	M 3	20	5.5	2.40	1.0	2.0
P0511.040-006-NP	M 4	6	7.0	3.10	1.4	2.5
P0511.040-008-NP	M 4	8	7.0	3.10	1.4	2.5
P0511.040-010-NP	M 4	10	7.0	3.10	1.4	2.5
P0511.040-012-NP	M 4	12	7.0	3.10	1.4	2.5
P0511.040-016-NP	M 4	16	7.0	3.10	1.4	2.5
P0511.040-020-NP	M 4	20	7.0	3.10	1.4	2.5
P0511.040-025-NP	M 4	25	7.0	3.10	1.4	2.5
P0511.050-008-NP	M 5	8	8.5	3.65	1.6	3.0
P0511.050-010-NP	M 5	10	8.5	3.65	1.6	3.0
P0511.050-012-NP	M 5	12	8.5	3.65	1.6	3.0
P0511.050-016-NP	M 5	16	8.5	3.65	1.6	3.0
P0511.050-020-NP	M 5	20	8.5	3.65	1.6	3.0
P0511.050-025-NP	M 5	25	8.5	3.65	1.6	3.0
P0511.050-030-NP	M 5	30	8.5	3.65	1.6	3.0
P0511.060-010-NP	M 6	10	10.0	4.40	2.0	4.0
P0511.060-012-NP	M 6	12	10.0	4.40	2.0	4.0
P0511.060-016-NP	M 6	16	10.0	4.40	2.0	4.0
P0511.060-020-NP	M 6	20	10.0	4.40	2.0	4.0
P0511.060-025-NP	M 6	25	10.0	4.40	2.0	4.0
P0511.060-030-NP	M 6	30	10.0	4.40	2.0	4.0
P0511.060-040-NP	M 6	40	10.0	4.40	2.0	4.0

Slotted Cheese Head Screw

Natural PEEK



P0512.NP



Material
Natural Polyether-ether-ketone (PEEK).
Beige.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

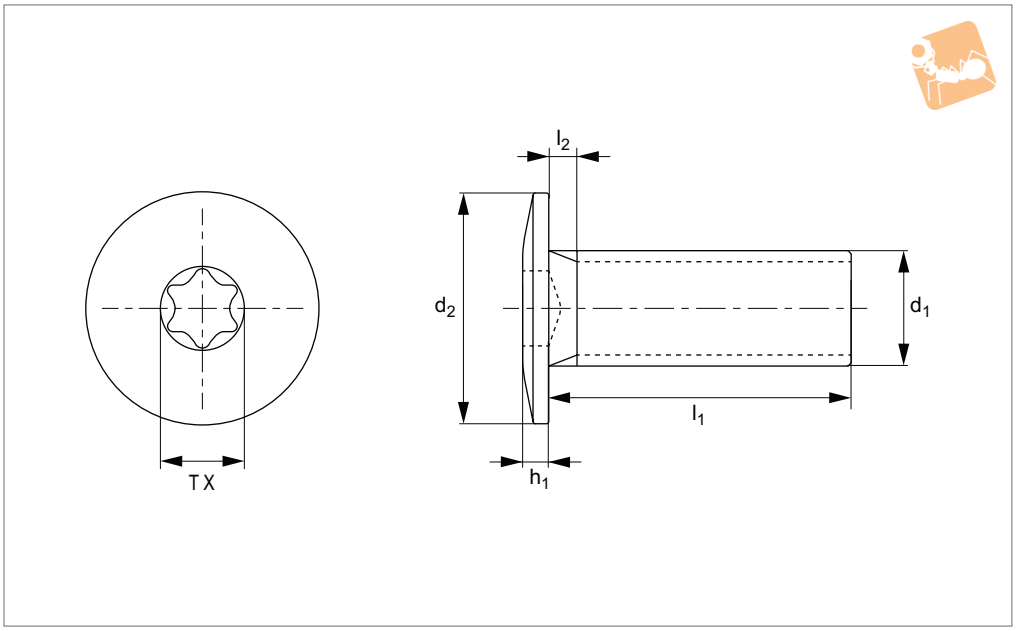
Tensile strength ~116N/mm².

Technical Notes
To DIN 84.
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	h_2	w_1
P0512.020-006-NP	M 2	6	3.8	1.4	0.8	0.6	0.5
P0512.020-008-NP	M 2	8	3.8	1.4	0.8	0.6	0.5
P0512.020-010-NP	M 2	10	3.8	1.4	0.8	0.6	0.5
P0512.020-012-NP	M 2	12	3.8	1.4	0.8	0.6	0.5
P0512.020-015-NP	M 2	15	3.8	1.4	0.8	0.6	0.5
P0512.020-020-NP	M 2	20	3.8	1.4	0.8	0.6	0.5
P0512.025-006-NP	M 2.5	6	4.5	1.8	0.9	0.7	0.6
P0512.025-008-NP	M 2.5	8	4.5	1.8	0.9	0.7	0.6
P0512.025-010-NP	M 2.5	10	4.5	1.8	0.9	0.7	0.6
P0512.025-012-NP	M 2.5	12	4.5	1.8	0.9	0.7	0.6
P0512.025-015-NP	M 2.5	15	4.5	1.8	0.9	0.7	0.6
P0512.025-020-NP	M 2.5	20	4.5	1.8	0.9	0.7	0.6
P0512.030-005-NP	M 3	4	5.5	2.0	1.0	0.8	0.8
P0512.030-006-NP	M 3	6	5.5	2.0	1.0	0.8	0.8
P0512.030-008-NP	M 3	8	5.5	2.0	1.0	0.8	0.8
P0512.030-010-NP	M 3	10	5.5	2.0	1.0	0.8	0.8
P0512.030-012-NP	M 3	12	5.5	2.0	1.0	0.8	0.8
P0512.030-015-NP	M 3	15	5.5	2.0	1.0	0.8	0.8
P0512.030-020-NP	M 3	20	5.5	2.0	1.0	0.8	0.8
P0512.030-025-NP	M 3	25	5.5	2.0	1.0	0.8	0.8
P0512.030-030-NP	M 3	30	5.5	2.0	1.0	0.8	0.8
P0512.040-006-NP	M 4	6	7.0	2.6	1.4	1.1	1.2
P0512.040-008-NP	M 4	8	7.0	2.6	1.4	1.1	1.2
P0512.040-010-NP	M 4	10	7.0	2.6	1.4	1.1	1.2
P0512.040-012-NP	M 4	12	7.0	2.6	1.4	1.1	1.2
P0512.040-015-NP	M 4	15	7.0	2.6	1.4	1.1	1.2
P0512.040-020-NP	M 4	20	7.0	2.6	1.4	1.1	1.2
P0512.040-025-NP	M 4	25	7.0	2.6	1.4	1.1	1.2

Additional sizes M5-M8 available online





P0513.NP

Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.
For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility.
UL94-V0 compliant.

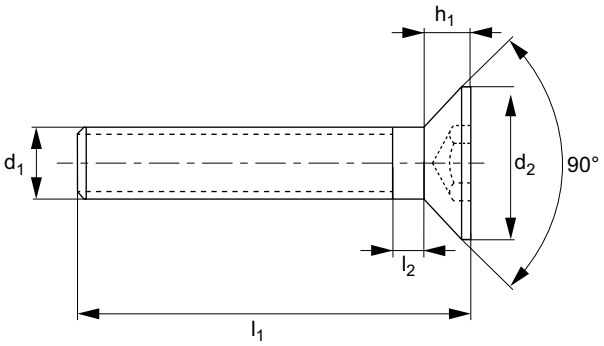
Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	TX size
P0513.030-006-NP	M 3	6	6	1.3	1.0	8
P0513.030-008-NP	M 3	8	6	1.3	1.0	8
P0513.030-010-NP	M 3	10	6	1.3	1.0	8
P0513.030-012-NP	M 3	12	6	1.3	1.0	8
P0513.030-016-NP	M 3	16	6	1.3	1.0	8
P0513.030-020-NP	M 3	20	6	1.3	1.0	8
P0513.040-006-NP	M 4	6	8	1.5	1.4	10
P0513.040-008-NP	M 4	8	8	1.5	1.4	10
P0513.040-010-NP	M 4	10	8	1.5	1.4	10
P0513.040-012-NP	M 4	12	8	1.5	1.4	10
P0513.040-016-NP	M 4	16	8	1.5	1.4	10
P0513.040-020-NP	M 4	20	8	1.5	1.4	10
P0513.040-025-NP	M 4	25	8	1.5	1.4	10
P0513.050-008-NP	M 5	8	9	1.5	1.6	15
P0513.050-010-NP	M 5	10	9	1.5	1.6	15
P0513.050-012-NP	M 5	12	9	1.5	1.6	15
P0513.050-016-NP	M 5	16	9	1.5	1.6	15
P0513.050-020-NP	M 5	20	9	1.5	1.6	15
P0513.050-025-NP	M 5	25	9	1.5	1.6	15
P0513.050-030-NP	M 5	30	9	1.5	1.6	15
P0513.060-010-NP	M 6	10	10	1.5	2.0	20
P0513.060-012-NP	M 6	12	10	1.5	2.0	20
P0513.060-016-NP	M 6	16	10	1.5	2.0	20
P0513.060-020-NP	M 6	20	10	1.5	2.0	20
P0513.060-025-NP	M 6	25	10	1.5	2.0	20
P0513.060-030-NP	M 6	30	10	1.5	2.0	20
P0513.060-035-NP	M 6	35	10	1.5	2.0	20
P0513.060-040-NP	M 6	40	10	1.5	2.0	20

Countersunk Hexagon Head Screws

Natural PEEK



P0514.NP



Material

Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.
Tensile strength ~116N/mm².

Technical Notes

Generally to DIN 7991.

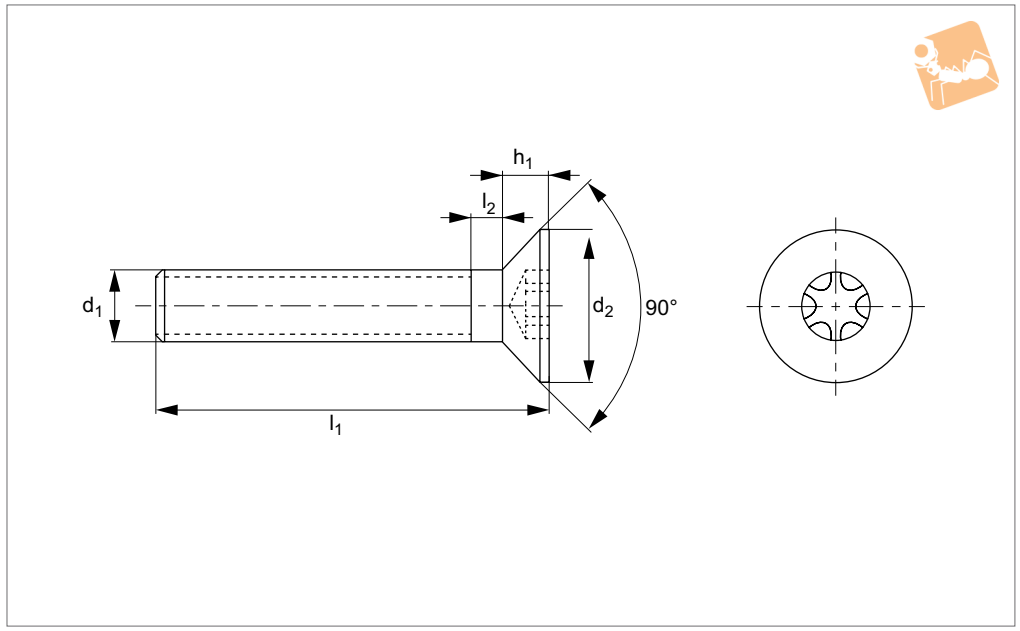
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility.

UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	h_1	l_2 max.	A/F
P0514.030-008-NP	M 3	8	6	1.7	1.0	2.0
P0514.030-010-NP	M 3	10	6	1.7	1.0	2.0
P0514.030-012-NP	M 3	12	6	1.7	1.0	2.0
P0514.030-016-NP	M 3	16	6	1.7	1.0	2.0
P0514.030-020-NP	M 3	20	6	1.7	1.0	2.0
P0514.040-008-NP	M 4	8	8	2.3	1.4	2.5
P0514.040-010-NP	M 4	10	8	2.3	1.4	2.5
P0514.040-012-NP	M 4	12	8	2.3	1.4	2.5
P0514.040-016-NP	M 4	16	8	2.3	1.4	2.5
P0514.040-020-NP	M 4	20	8	2.3	1.4	2.5
P0514.040-025-NP	M 4	25	8	2.3	1.4	2.5
P0514.050-008-NP	M 5	8	10	2.8	1.6	3.0
P0514.050-010-NP	M 5	10	10	2.8	1.6	3.0
P0514.050-012-NP	M 5	12	10	2.8	1.6	3.0
P0514.050-016-NP	M 5	16	10	2.8	1.6	3.0
P0514.050-020-NP	M 5	20	10	2.8	1.6	3.0
P0514.050-025-NP	M 5	25	10	2.8	1.6	3.0
P0514.050-030-NP	M 5	30	10	2.8	1.6	3.0
P0514.060-008-NP	M 6	8	12	3.3	2.0	4.0
P0514.060-010-NP	M 6	10	12	3.3	2.0	4.0
P0514.060-012-NP	M 6	12	12	3.3	2.0	4.0
P0514.060-015-NP	M 6	15	12	3.3	2.0	4.0
P0514.060-016-NP	M 6	16	12	3.3	2.0	4.0
P0514.060-020-NP	M 6	20	12	3.3	2.0	4.0
P0514.060-025-NP	M 6	25	12	3.3	2.0	4.0
P0514.060-030-NP	M 6	30	12	3.3	2.0	4.0
P0514.060-035-NP	M 6	35	12	3.3	2.0	4.0

Torx Countersunk Head Screws
Natural PEEK





P0515.NP

Material
Natural Polyether-ether-ketone (PEEK). Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

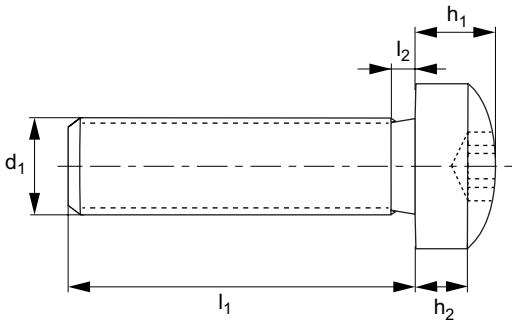
Order No.	d_1	l_1 +/- 0.2	d_2	l_2 max.	h_1	Size
P0515.020-004-NP	M 2	4	4	0.8	1.20	TX-6
P0515.020-006-NP	M 2	6	4	0.8	1.20	TX-6
P0515.020-008-NP	M 2	8	4	0.8	1.20	TX-6
P0515.020-010-NP	M 2	10	4	0.8	1.20	TX-6
P0515.020-012-NP	M 2	12	4	0.8	1.20	TX-6
P0515.020-015-NP	M 2	15	4	0.8	1.20	TX-6
P0515.020-020-NP	M 2	20	4	0.8	1.20	TX-6
P0515.025-004-NP	M 2.5	4	4	0.9	1.50	TX-8
P0515.025-006-NP	M 2.5	6	5	0.9	1.50	TX-8
P0515.025-008-NP	M 2.5	8	5	0.9	1.50	TX-8
P0515.025-010-NP	M 2.5	10	5	0.9	1.50	TX-8
P0515.025-012-NP	M 2.5	12	5	0.9	1.50	TX-8
P0515.025-015-NP	M 2.5	15	5	0.9	1.50	TX-8
P0515.025-020-NP	M 2.5	20	5	0.9	1.50	TX-8
P0515.030-004-NP	M 3	4	6	1.0	1.65	TX-10
P0515.030-006-NP	M 3	6	6	1.0	1.65	TX-10
P0515.030-008-NP	M 3	8	6	1.0	1.65	TX-10
P0515.030-010-NP	M 3	10	6	1.0	1.65	TX-10
P0515.030-012-NP	M 3	12	6	1.0	1.65	TX-10
P0515.030-015-NP	M 3	15	6	1.0	1.65	TX-10
P0515.030-020-NP	M 3	20	6	1.0	1.65	TX-10
P0515.030-025-NP	M 3	25	6	1.0	1.65	TX-10
P0515.030-030-NP	M 3	30	6	1.0	1.65	TX-10
P0515.040-006-NP	M 4	6	8	1.4	2.20	TX-20
P0515.040-008-NP	M 4	8	8	1.4	2.20	TX-20
P0515.040-010-NP	M 4	10	8	1.4	2.20	TX-20
P0515.040-012-NP	M 4	12	8	1.4	2.20	TX-20
P0515.040-015-NP	M 4	15	8	1.4	2.20	TX-20
P0515.040-020-NP	M 4	20	8	1.4	2.20	TX-20

Additional sizes M4-M8 available online

Torx Pan Head Screws
Natural PEEK



P0520.NP



Material
Natural Polyether-ether-ketone (PEEK).
Beige.
A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

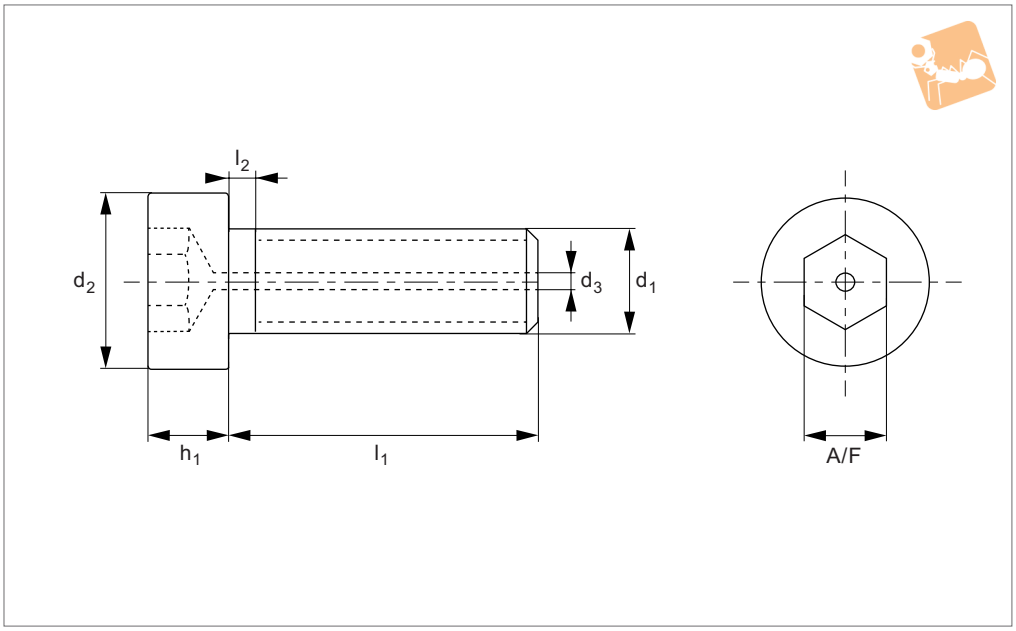
Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility. UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	h_1	Size	h_2	l_2 max.
P0520.020-004-NP	M 2	4	4	1.6	TX-6	1.1	0.8
P0520.020-006-NP	M 2	6	4	1.6	TX-6	1.1	0.8
P0520.020-008-NP	M 2	8	4	1.6	TX-6	1.1	0.8
P0520.020-010-NP	M 2	10	4	1.6	TX-6	1.1	0.8
P0520.020-012-NP	M 2	12	4	1.6	TX-6	1.1	0.8
P0520.020-015-NP	M 2	15	4	1.6	TX-6	1.1	0.8
P0520.020-020-NP	M 2	20	4	1.6	TX-6	1.1	0.8
P0520.025-004-NP	M 2.5	4	5	2.0	TX-8	1.3	0.9
P0520.025-006-NP	M 2.5	6	5	2.0	TX-8	1.3	0.9
P0520.025-008-NP	M 2.5	8	5	2.0	TX-8	1.3	0.9
P0520.025-010-NP	M 2.5	10	5	2.0	TX-8	1.3	0.9
P0520.025-012-NP	M 2.5	12	5	2.0	TX-8	1.3	0.9
P0520.025-015-NP	M 2.5	15	5	2.0	TX-8	1.3	0.9
P0520.025-020-NP	M 2.5	20	5	2.0	TX-8	1.3	0.9
P0520.030-004-NP	M 3	4	6	2.4	TX-10	1.6	1.0
P0520.030-006-NP	M 3	6	6	2.4	TX-10	1.6	1.0
P0520.030-008-NP	M 3	8	6	2.4	TX-10	1.6	1.0
P0520.030-010-NP	M 3	10	6	2.4	TX-10	1.6	1.0
P0520.030-012-NP	M 3	12	6	2.4	TX-10	1.6	1.0
P0520.030-015-NP	M 3	15	6	2.4	TX-10	1.6	1.0
P0520.030-020-NP	M 3	20	6	2.4	TX-10	1.6	1.0
P0520.030-025-NP	M 3	25	6	2.4	TX-10	1.6	1.0
P0520.030-030-NP	M 3	30	6	2.4	TX-10	1.6	1.0
P0520.040-006-NP	M 4	6	8	3.1	TX-20	2.0	1.4
P0520.040-008-NP	M 4	8	8	3.1	TX-20	2.0	1.4
P0520.040-010-NP	M 4	10	8	3.1	TX-20	2.0	1.4
P0520.040-012-NP	M 4	12	8	3.1	TX-20	2.0	1.4
P0520.040-015-NP	M 4	15	8	3.1	TX-20	2.0	1.4
P0520.040-020-NP	M 4	20	8	3.1	TX-20	2.0	1.4
P0520.040-025-NP	M 4	25	8	3.1	TX-20	2.0	1.4
P0520.040-030-NP	M 4	30	8	3.1	TX-20	2.0	1.4

Additional sizes M5-M8 available online





P0530.NP

Material
Natural Polyether-ether-ketone (PEEK). Beige.

A high performance plastic with very good durability and wear resistance. PEEK has excellent chemical resistance and performs well at temperatures up to 260°C.

Tensile strength ~116N/mm².

Technical Notes
PEEK is used in the aerospace and petrochemical industries. For food and pharmaceutical industries where there is a hygenic requirement, we can offer these products in a compound that is FDA compliant, and made with an X-ray opaque or metal detectable filler, in blue, for optical detection.

For medical industry applications, we can offer these products in a variant of PEEK which is refined for biocompatibility.

UL94-V0 compliant.

Order No.	d_1	l_1 +/- 0.2	d_2	d_3	h_1	l_2 max.	A/F
P0530.030-006-NP	M 3	6	5.5	1.0	3.0	1.0	2.5
P0530.030-008-NP	M 3	8	5.5	1.0	3.0	1.0	2.5
P0530.030-010-NP	M 3	10	5.5	1.0	3.0	1.0	2.5
P0530.030-012-NP	M 3	12	5.5	1.0	3.0	1.0	2.5
P0530.030-015-NP	M 3	15	5.5	1.0	3.0	1.0	2.5
P0530.030-020-NP	M 3	20	5.5	1.0	3.0	1.0	2.5
P0530.040-006-NP	M 4	6	7.0	1.0	4.0	1.4	3.0
P0530.040-008-NP	M 4	8	7.0	1.0	4.0	1.4	3.0
P0530.040-010-NP	M 4	10	7.0	1.0	4.0	1.4	3.0
P0530.040-012-NP	M 4	12	7.0	1.0	4.0	1.4	3.0
P0530.040-015-NP	M 4	15	7.0	1.0	4.0	1.4	3.0
P0530.040-020-NP	M 4	20	7.0	1.0	4.0	1.4	3.0
P0530.040-025-NP	M 4	25	7.0	1.0	4.0	1.4	3.0
P0530.040-030-NP	M 4	30	7.0	1.0	4.0	1.4	3.0
P0530.050-008-NP	M 5	8	8.5	1.3	5.0	1.6	4.0
P0530.050-010-NP	M 5	10	8.5	1.3	5.0	1.6	4.0
P0530.050-012-NP	M 5	12	8.5	1.3	5.0	1.6	4.0
P0530.050-015-NP	M 5	15	8.5	1.3	5.0	1.6	4.0
P0530.050-020-NP	M 5	20	8.5	1.3	5.0	1.6	4.0
P0530.050-025-NP	M 5	25	8.5	1.3	5.0	1.6	4.0
P0530.050-030-NP	M 5	30	8.5	1.3	5.0	1.6	4.0
P0530.060-008-NP	M 6	8	10.0	1.6	6.0	2.0	5.0
P0530.060-010-NP	M 6	10	10.0	1.6	6.0	2.0	5.0
P0530.060-012-NP	M 6	12	10.0	1.6	6.0	2.0	5.0
P0530.060-015-NP	M 6	15	10.0	1.6	6.0	2.0	5.0
P0530.060-020-NP	M 6	20	10.0	1.6	6.0	2.0	5.0
P0530.060-025-NP	M 6	25	10.0	1.6	6.0	2.0	5.0
P0530.060-030-NP	M 6	30	10.0	1.6	6.0	2.0	5.0

Additional sizes M8-M12 available online

Shoulder Screws

Shoulder screws, also known as shoulder bolts or sometimes referred to as stripper bolts, distinguish themselves by featuring a head, a threaded portion, and an additional unthreaded “shoulder” in between. This shoulder, with a larger diameter than the thread and high precision tolerance, serves a dual purpose as both a fastener and a precise guide for moving parts. Available in various materials, including stainless steel and titanium, shoulder screws offer versatility and reliability in applications requiring precise alignment and support for moving components.





P0130 - Cap Head Shoulder Screws

Hex. drive
Available in the following materials:
AISI 303/316 stainless steel, blackened AISI 303/316 stainless steel, grades 2/5 titanium



P0133 - Slot Head Shoulder Screws

Slot drive
Available in AISI 416 stainless steel



P0128 - Countersunk Shoulder Screws

Hex. drive
Available in the following materials:
AISI 303/316 stainless steel, blackened AISI 303/316 stainless steel



P0126 - Headless Shoulder Screws

Slot drive
Stainless AISI 303



P0127 - Cap Head Shoulder Nuts

Hex. drive
Available in stainless AISI 303/316, and blackened AISI 303/316



P0127.B2 - Cap Head Shoulder Nuts

Hex. drive
Stainless AISI 303, blackened



P0128.B2 - Countersunk Shoulder Screws

Hex. drive
Stainless AISI 303, blackened



P0130.P2 - Cap Head Shoulder Screws

Hex. drive
Stainless AISI 303
With locking patch



P0130.B2- Cap Head Shoulder Screws

Hex. drive
Stainless AISI 303, blackened



P0131 - Cap Head Shoulder Screws

Hex. drive
Stainless AISI 416



P0132 - Cap Head Shoulder Screws

Slot drive
Available in stainless AISI 303/316 and imperial



P0132.B2 - Cap Head Shoulder Screws

Slot drive
Stainless AISI 303, blackened



P0134 - Ultra Low Head Shoulder Screws

Hex. drive
Available in stainless AISI 303/316 and blackened AISI 303/316



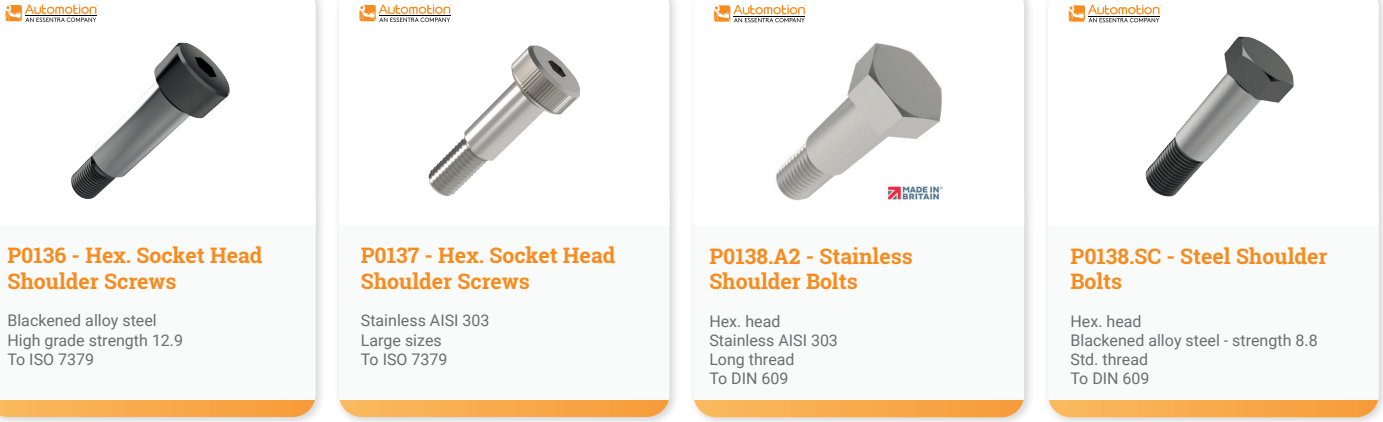
P0134.B2 - Ultra Low Head Shoulder Screws

Hex. drive
Stainless AISI 303, blackened



P0135 - Stainless Shoulder Bolts

Hex. head
Stainless AISI 303
Small sizes



P0136 - Hex. Socket Head Shoulder Screws

Blackened alloy steel
High grade strength 12.9
To ISO 7379

P0137 - Hex. Socket Head Shoulder Screws

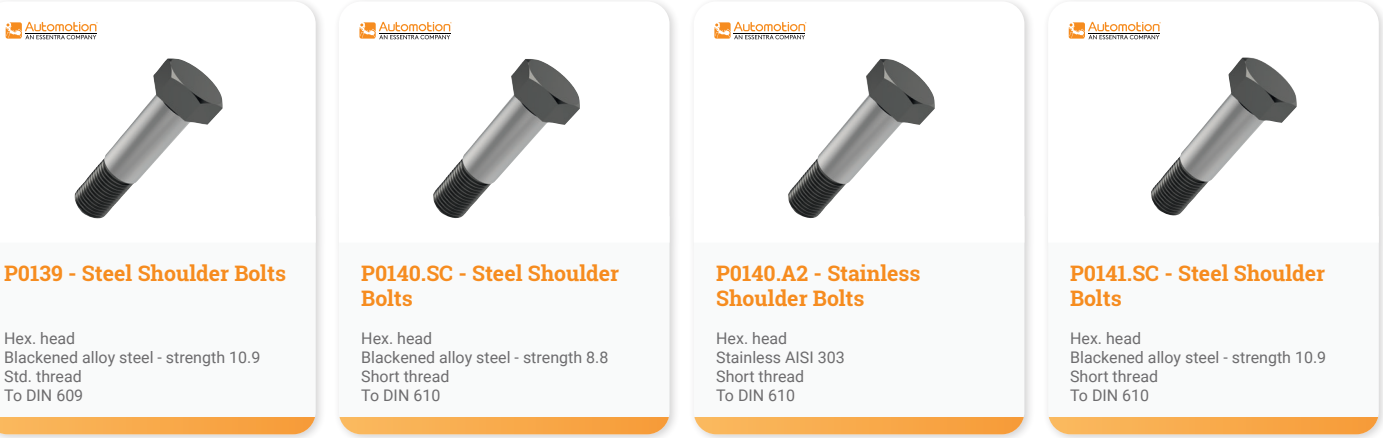
Stainless AISI 303
Large sizes
To ISO 7379

P0138.A2 - Stainless Shoulder Bolts

Hex. head
Stainless AISI 303
Long thread
To DIN 609

P0138.SC - Steel Shoulder Bolts

Hex. head
Blackened alloy steel - strength 8.8
Std. thread
To DIN 609



P0139 - Steel Shoulder Bolts

Hex. head
Blackened alloy steel - strength 10.9
Std. thread
To DIN 609

P0140.SC - Steel Shoulder Bolts

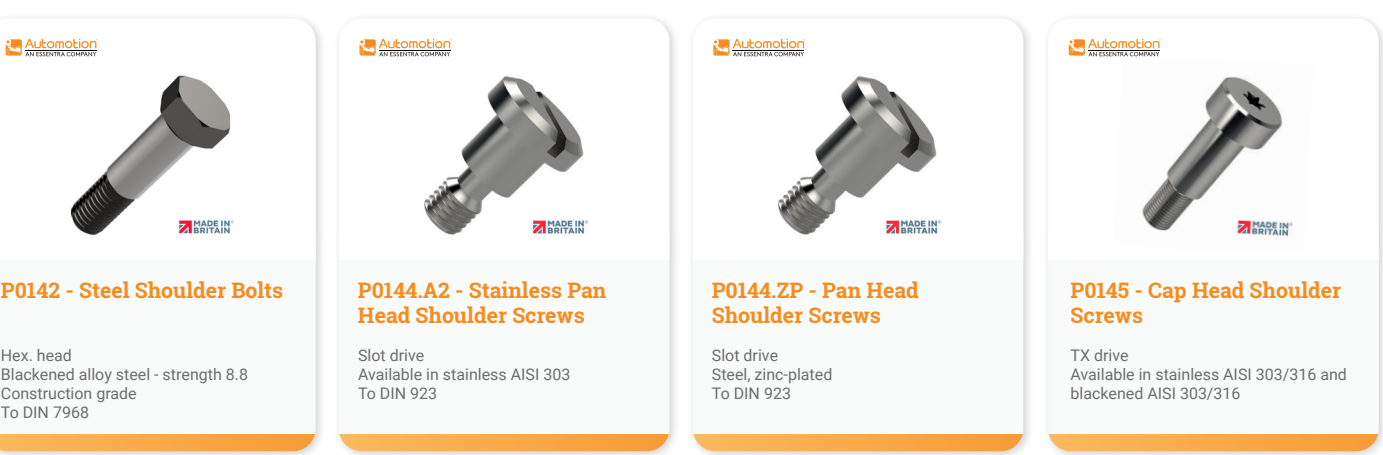
Hex. head
Blackened alloy steel - strength 8.8
Short thread
To DIN 610

P0140.A2 - Stainless Shoulder Bolts

Hex. head
Stainless AISI 303
Short thread
To DIN 610

P0141.SC - Steel Shoulder Bolts

Hex. head
Blackened alloy steel - strength 10.9
Short thread
To DIN 610



P0142 - Steel Shoulder Bolts

Hex. head
Blackened alloy steel - strength 8.8
Construction grade
To DIN 7968

P0144.A2 - Stainless Pan Head Shoulder Screws

Slot drive
Available in stainless AISI 303
To DIN 923

P0144.ZP - Pan Head Shoulder Screws

Slot drive
Steel, zinc-plated
To DIN 923

P0145 - Cap Head Shoulder Screws

TX drive
Available in stainless AISI 303/316 and blackened AISI 303/316

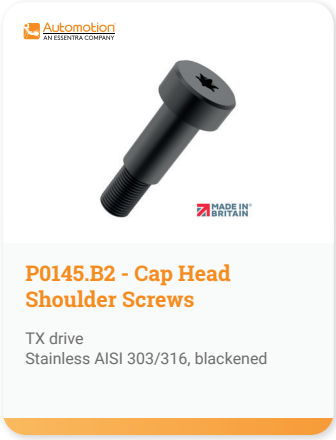
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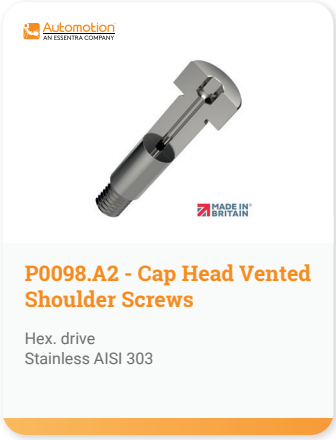
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Shoulder Screws, Captive Screws & Sealing Screws > Shoulder Screws



P0145.B2 - Cap Head Shoulder Screws

TX drive
Stainless AISI 303/316, blackened



P0098.A2 - Cap Head Vented Shoulder Screws

Hex. drive
Stainless AISI 303

Captive Screws

Captive screws, designed for permanent hold or “captivation,” offer enhanced safety by significantly reducing the likelihood of accidental removal once installed. The reduced diameter section of the screw helps keep the screw captivated in the panel once the panel has been removed, hence the name.

This captivation is crucial for compliance with safety regulations, such as the EU Machine Safety Directive (2006/42/EC) and/or ISO 14583, where certain equipment, like safety covers or panels, require permanent fastenings.





P0154 - Cap Head Captive Screws

Hex. drive
Available in the following materials:
303/316 stainless, blackened 303/316 stainless, titanium, zinc-plated and blackened



P0153 - Countersunk Captive Screws

Hex. drive
Available in the following materials:
303/316 stainless, blackened 303/316 stainless and titanium



P0158 - Captive Hex Bolts

Hex. head
Available in the following materials:
303/316 stainless, blackened 303/316 stainless and titanium



P0149 - Button Head Captive Screws

TX drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0150 - Pan Head Captive Screws

TX drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0151 - Button Head Captive Screws

Hex. drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0152 - Cheese Head Captive Screws

Hex. drive
Available in stainless AISI 303/316 and blackened AISI 303/316
Generally to ISO 1207



P0154.P2 - Cap Head Captive Screws

Hex. drive
Stainless AISI 303
With locking patch
Generally to ISO 4762



P0155 - Cheese Head Captive Screws

Slot drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0156 - Cap Head Captive Screws

TX drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0157 - Pan Head Captive Screws

Phillips drive
Stainless AISI 303
Generally to ISO 14583



P0159 - Captive Panel Thumb Screws

Slot drive
Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0160 - Captive Thumb Screws

Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



P0161 - Captive Thumb Screws

Available in titanium grade 2/5, stainless AISI 303/316 and blackened AISI 303/316



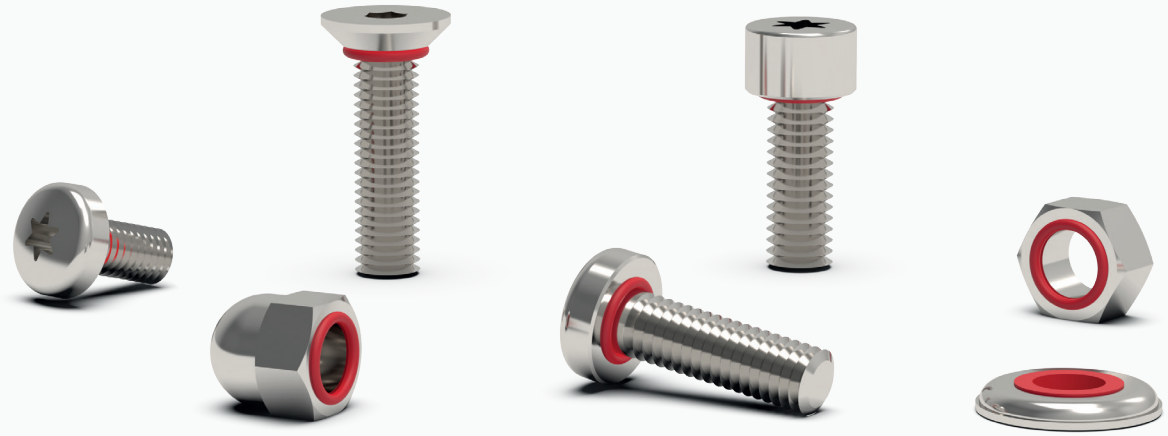
P0163 - Captive Screws with Washers

Hex. drive
Stainless AISI 303

Sealing Screws

Sealing screws offer crucial bi-directional protection against contaminants, preventing potential damage to sensitive devices. Featuring an O-ring beneath the screw or bolt, these screws create a reliable seal as they are tightened, controlled by a precision engineered groove. This design ensures consistent O-ring compression, making the screws reusable.

Various O-ring materials resist diverse chemical and environmental conditions. Sealing screws, available to military specifications (MILSPEC) on request, are user-friendly, requiring no special preparation or re-tightening.





P0171 - Pan Head Seal Screws

Slot drive
Available in AISI 303/316 stainless steel
Generally as DIN 85 A, ISO 1580



P0173 - Cap Head Seal Screws

Hex. drive
Available in AISI 303/316 stainless steel
Generally as DIN 912



P0174 - Button Head Seal Screws

Hex. drive
Available in AISI 303/316 stainless steel
Generally as ISO 7380



P0170 - Pan Head Seal Screws

Phillips drive
Stainless AISI 303
Silicone & Viton O-rings
Generally to DIN 7985 H, ISO 7045



P0172 - Pan Head Seal Screws

TX drive
Stainless AISI 303
Silicone & Viton O-rings
Generally to DIN 7985 H, ISO 7045



P0173.P2 - Cap Head Seal Screws

Hex. drive
Stainless AISI 303
Silicone O-ring
With locking patch



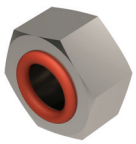
P0175 - Countersunk Seal Screws

Hex. drive
Stainless AISI 303
Silicone & Viton O-rings
Generally as DIN 7991, ISO 10642



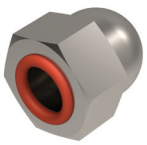
P0176 - Integral Seal Bolts

Hex. head
Stainless AISI 303/316
Silicone & Viton O-rings



P0178 - Integral Seal Hex. Nuts

Stainless AISI 303/316
Silicone & Viton O-rings



P0179 - Integral Domed Nuts

Stainless AISI 303
Silicone & Viton O-rings



P0180 - Seal Washers

Stainless AISI 316
Ribbed silicone rubber bonded sealing element



P0181 - Waterproof Seal Washers

Stainless AISI 304
Thermoplastic elastomer insert



P0185 - Cap Head Seal Screws

Torx drive.
Stainless AISI 303
Silicone O-ring
Generally as ISO 14759

Vented Screws

Vented screws are purpose-built for applications where trapped air bubbles pose challenges, such as in vacuum systems and clean rooms. The vent allows trapped air under the screw to be released quickly. Therefore, systems that are subjected to vacuum conditions can reach low pressures more quickly and remain at low pressures more effectively.

All products are ultrasonically cleaned to meet the cleanliness requirements of vacuum environments. Additionally, coatings are offered to reduce seizing or galling in vented screws.





P0090 - Cap Head Vented Screws

Hex. drive
Available in AISI 304/316 stainless steel
To DIN 912



P0091 - Hex Head Vented Screws

Available in AISI 304/316 stainless steel
To DIN 933



P0094 - Socket Button Head Vented Screws

Hex. drive
Available in AISI 304/316 stainless steel
To ISO 7380

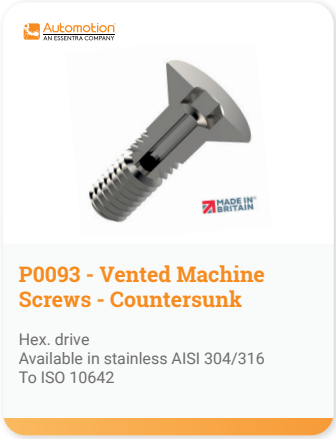
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Thread Inserts & Specialist Screws > Vented Screws



P0093 - Vented Machine Screws - Countersunk

Hex. drive
Available in stainless AISI 304/316
To ISO 10642



P0097 - Stainless Vented Washers

Available in stainless AISI 303/316
Ultrasonically cleaned
Available with coating
To DIN 125 A



P0098 - Vented Shoulder Screws - Cap Head

Hex. drive
Available in stainless AISI 303/316

Low Head Screws

Low head screws, crucial in weight-sensitive applications like aerospace, provide minimal weight and reduced drag. Unlike traditional countersunk screws requiring a minimum metal depth for head recess, our innovative low head profile screws allow for the use of thinner panels, saving weight and ensuring a flush fit with the surface, with thicknesses as minimal as 0.5mm.

Available in hex or TX versions, these screws provide a streamlined solution for applications requiring both lightweight design and reduced aerodynamic resistance.





P0207 - Extra Low Head Cap Screws

Hex. drive
Available in the following materials:
AISI 303/316 stainless, blackened AISI 303/316 stainless and titanium



P0208 - Ultra Low Head Cap Screws

Hex. drive
Available in the following materials:
AISI 303/316 stainless, blackened AISI 303/316 stainless and titanium



P0209 - Ultra Low Head Cap Screws

TX drive
Available in the following materials:
AISI 303/316 stainless and blackened AISI 303/316 stainless

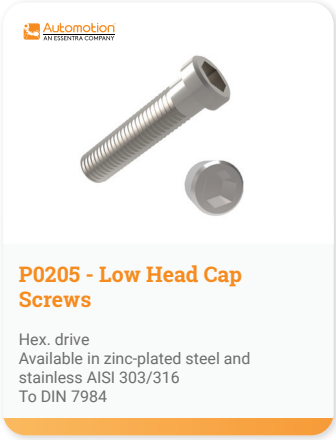
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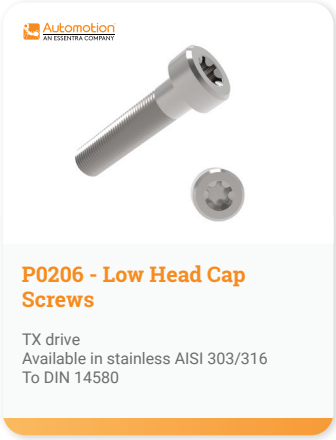
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Standard Fasteners > Low Head Screws



P0205 - Low Head Cap Screws

Hex. drive
Available in zinc-plated steel and stainless AISI 303/316
To DIN 7984



P0206 - Low Head Cap Screws

TX drive
Available in stainless AISI 303/316
To DIN 14580

Digital Catalogues

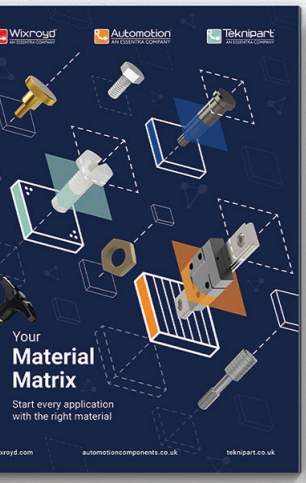
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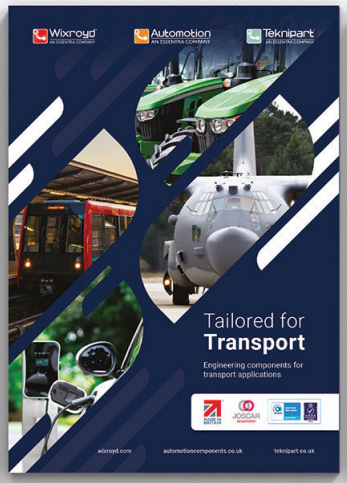
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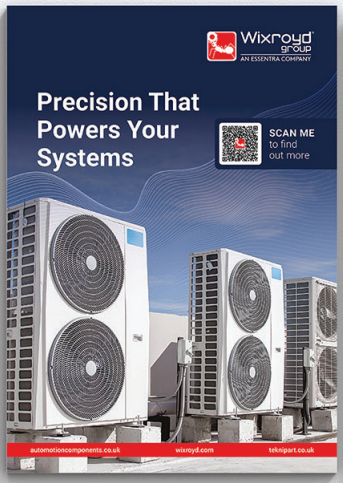
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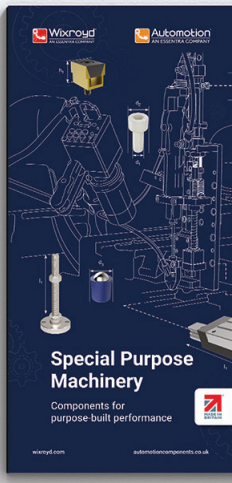
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